Supplementary Table 1. GISAID sequence headers (1-75,000) for each SARS-CoV-2 S amino acid sequence used in the frequency analysis.

| Date       | Accession | Organism | Source | Country | Disease | Submitter |
|------------|-----------|----------|--------|---------|---------|-----------|
| 2020-02-26 | EPI_ISL_413019 | Original | hCoV-19 | Switzerland | Zurich | Human | Department of Internal Medicine | Institute of Medical Virology | Huber | Switzerland |
| 2020-03-05 | EPI_ISL_413931 | Original | hCoV-19 | USA | California | Human | Department of Public Health | Chiu Laboratory | Chiu | USA |
| 2020-03-05 | EPI_ISL_414588 | Original | hCoV-19 | Minnesota | Human | Department of Health | Minnesota Department of Health | Wang | USA |
| 2020-03-03 | EPI_ISL_415646 | Original | hCoV-19 | Denmark | Human | Department of Virus and Microbiological Special Diagnostics | VIFU | Rasmussen | Denmark |
| 2020-03-03 | EPI_ISL_415647 | Original | hCoV-19 | Copenhagen | Human | Department of Virus and Microbiological Special Diagnostics | Statens Serum Institute | Rasmussen | Denmark |
| 2020-01-22 | EPI_ISL_415711 | Vero | hCoV-19 | Shandong | Human | Shandong Provincial Center for Disease Control and Prevention | Beijing Institute of Microbiology and Epidemiology | Ma | China |
| 2020-01-26 | EPI_ISL_416042 | Vero | hCoV-19 | Hangzhou | Human | State Key Laboratory for Diagnosis and Treatment of Infectious Diseases | State Key Laboratory for Diagnosis and Treatment of Infectious Diseases | Jiang | China |
| 2020-01-25 | EPI_ISL_416044 | Vero | hCoV-19 | Hangzhou | Human | State Key Laboratory for Diagnosis and Treatment of Infectious Diseases | State Key Laboratory for Diagnosis and Treatment of Infectious Diseases | Jiang | China |
| 2020-01-24 | EPI_ISL_416046 | Vero | hCoV-19 | Hangzhou | Human | State Key Laboratory for Diagnosis and Treatment of Infectious Diseases | State Key Laboratory for Diagnosis and Treatment of Infectious Diseases | Jiang | China |
| 2020-02-02 | EPI_ISL_416047 | Vero | hCoV-19 | Hangzhou | Human | State Key Laboratory for Diagnosis and Treatment of Infectious Diseases | State Key Laboratory for Diagnosis and Treatment of Infectious Diseases | Jiang | China |
| 2020-02-03 | EPI_ISL_416425 | Vero | hCoV-19 | Hangzhou | Human | State Key Laboratory for Diagnosis and Treatment of Infectious Diseases | State Key Laboratory for Diagnosis and Treatment of Infectious Diseases | Jiang | China |
> Spike|hCoV-19/Saudi Arabia/KAIMRC-Alghoribi/2020|2020-03-07|EPI_ISL_416432|Original|hCoV-19^^Riyadh|Human|Clinical Microbiology Lab|Infectious Disease Research Department|Alsawi|Saudi Arabia
> Spike|hCoV-19/USA/WA-UW95/2020|2020-03-10|EPI_ISL_416451|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
> Spike|hCoV-19/Hangzhou/ZJU-09/2020|2020-01-28|EPI_ISL_416474|Vero|hCoV-19^^Hangzhou|Human|State Key Laboratory for Diagnosis and Treatment of Infectious Diseases|State Key Laboratory for Diagnosis and Treatment of Infectious Diseases|Jiang|China
> Spike|hCoV-19/Saudi Arabia/SCDC-3321/2020|2020-03-10|EPI_ISL_416521|Original|hCoV-19^^Saudi Arabia|Human|Public Health Laboratory|Public Health Laboratory|Albarrag|Saudi Arabia
> Spike|hCoV-19/Saudi Arabia/SCDC-3324/2020|2020-03-10|EPI_ISL_416522|Original|hCoV-19^^Saudi Arabia|Human|Public Health Laboratory|Public Health Laboratory|Albarrag|Saudi Arabia
> Spike|hCoV-19/USA/WA-UW106/2020|2020-03-11|EPI_ISL_416644|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
> Spike|hCoV-19/USA/WA-UW116/2020|2020-03-11|EPI_ISL_416654|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
> Spike|hCoV-19/USA/WA-UW117/2020|2020-03-11|EPI_ISL_416655|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
> Spike|hCoV-19/USA/WA-UW123/2020|2020-03-12|EPI_ISL_416661|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
> Spike|hCoV-19/USA/WA-UW143/2020|2020-03-11|EPI_ISL_416681|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
> Spike|hCoV-19/USA/WA-UW152/2020|2020-03-13|EPI_ISL_416690|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
> Spike|hCoV-19/USA/MN5-MDH5/2020|2020-03-10|EPI_ISL_417191|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Wang|USA
> Spike|hCoV-19/USA/MN30-MDH30/2020|2020-03-12|EPI_ISL_417198|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Wang|USA
> Spike|hCoV-19/England/20106005103/2020|2020-03-03|EPI_ISL_417242|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
> Spike|hCoV-19/England/20108006603/2020|2020-03-03|EPI_ISL_417253|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
> Spike|hCoV-19/USA/CA-SCCPHD-UC14/2020|2020-02-29|EPI_ISL_417318|Original|hCoV-19^^California|Human|Santa Clara County Public Health Department|Chiu Laboratory|Chiu|USA
> Spike|hCoV-19/USA/CA-CDPH-UC20/2020|2020-03-04|EPI_ISL_417324|Original|hCoV-19^^California|Human|California Department of Public Health|Chiu Laboratory|Chiu|USA
> Spike|hCoV-19/USA/CA-CDPH-UC28/2020|2020-03-14|EPI_ISL_417332|Original|hCoV-19^^California|Human|Chiu Laboratory|Chiu Laboratory|Chiu|USA
> Spike|hCoV-19/USA/WA-UW192/2020|2020-03-13|EPI_ISL_417341|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
> Spike|hCoV-19/Australia/NSW31/2020|2020-03-10|EPI_ISL_417392|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Eden|Australia
> Spike|hCoV-19/USA/WA-UW236/2020|2020-03-14|EPI_ISL_417450|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
> Spike|hCoV-19/USA/MN34-MDH34/2020|2020-03-12|EPI_ISL_417471|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Wang|USA
> Spike|hCoV-19/USA/MN47-MDH47/2020|2020-03-13|EPI_ISL_417494|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Wang|USA
> Spike|hCoV-19/USA/MN51-MDH51/2020|2020-03-13|EPI_ISL_417496|Original|hCoV-19
^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Wang|USA

> Spike|hCoV-19/Iceland/122/2020|2020-03-17|EPI_ISL_417547|Original|hCoV-19
^^Iceland|Human|deCODE genetics|deCODE genetics|Jónsson|Iceland

> Spike|hCoV-19/USA/WA-UW278/2020|2020-03-16|EPI_ISL_418063|Original|hCoV-19
^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

> Spike|hCoV-19/USA/WA-UW283/2020|2020-03-14|EPI_ISL_418068|Original|hCoV-19
^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

> Spike|hCoV-19/USA/WA-UW289/2020|2020-03-15|EPI_ISL_418074|Original|hCoV-19
^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

> Spike|hCoV-19/Canada/ON-PHL-2294/2020|2020-02-01|EPI_ISL_418384|Original|hCoV-19
^^Ontario|Human|Public Health Ontario Laboratories|Public Health Ontario Laboratories|Eshaghi|Canada

> Spike|hCoV-19/USA/CT-UW250/2020|2020-03-14|EPI_ISL_418035|Original|hCoV-19
^^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

> Spike|hCoV-19/USA/CT-UW258/2020|2020-03-14|EPI_ISL_418043|Original|hCoV-19
^^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

> Spike|hCoV-19/USA/WA-UW278/2020|2020-03-16|EPI_ISL_418063|Original|hCoV-19
^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

> Spike|hCoV-19/USA/WA-UW283/2020|2020-03-14|EPI_ISL_418068|Original|hCoV-19
^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

> Spike|hCoV-19/USA/WA-UW289/2020|2020-03-15|EPI_ISL_418074|Original|hCoV-19
^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

> Spike|hCoV-19/USA/WA-UW295/2020|2020-03-15|EPI_ISL_418080|Original|hCoV-19
^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

> Spike|hCoV-19/Wales/PHWC-23DB5/2020|2020-03-13|EPI_ISL_418113|Original|hCoV-19
^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

> Spike|hCoV-19/Canada/ON-PHL-2294/2020|2020-02-01|EPI_ISL_418384|Original|hCoV-19
^^Ontario|Human|Public Health Ontario Laboratories|Public Health Ontario Laboratories|Eshaghi|Canada

> Spike|hCoV-19/England/20124001702/2020|2020-03-17|EPI_ISL_418665|Original|hCoV-19
^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

> Spike|hCoV-19/England/20124094702/2020|2020-03-18|EPI_ISL_418725|Original|hCoV-19
^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

> Spike|hCoV-19/England/20124095802/2020|2020-03-13|EPI_ISL_418731|Original|hCoV-19
^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

> Spike|hCoV-19/USA/WA-UW312/2020|2020-03-14|EPI_ISL_418879|Original|hCoV-19
^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

> Spike|hCoV-19/USA/WA-UW337/2020|2020-03-16|EPI_ISL_418904|Original|hCoV-19
^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

> Spike|hCoV-19/USA/WA-UW361/2020|2020-03-15|EPI_ISL_418928|Original|hCoV-19
^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

> Spike|hCoV-19/USA/WA-UW368/2020|2020-03-16|EPI_ISL_418935|Original|hCoV-19
^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

> Spike|hCoV-19/USA/WA-UW373/2020|2020-03-17|EPI_ISL_418940|Original|hCoV-19
^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

> Spike|hCoV-19/USA/WA-UW373/2020|2020-03-16|EPI_ISL_418940|Original|hCoV-19
^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

> Spike|hCoV-19/Wales/PHWC-243C1/2020|2020-03-16|EPI_ISL_419405|Original|hCoV-19
^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

> Spike|hCoV-19/Wales/PHWC-24446/2020|2020-03-17|EPI_ISL_419411|Original|hCoV-19
^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

> Spike|hCoV-19/Wales/PHWC-24446/2020|2020-03-17|EPI_ISL_419411|Original|hCoV-19
^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
(VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spike|hCoV-19/Australia/VIC500/2020|2020-03-24|EPI_ISL_426772|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory
(VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spike|hCoV-19/Australia/VIC514/2020|2020-03-23|EPI_ISL_426784|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory
(VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spike|hCoV-19/Australia/VIC522/2020|2020-03-23|EPI_ISL_426790|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory
(VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spike|hCoV-19/Australia/VIC588/2020|2020-03-21|EPI_ISL_426845|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory
(VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spike|hCoV-19/Australia/VIC609/2020|2020-03-27|EPI_ISL_426863|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory
(VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spike|hCoV-19/Australia/VIC615/2020|2020-03-28|EPI_ISL_426870|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory
(VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spike|hCoV-19/Australia/VIC616/2020|2020-03-26|EPI_ISL_426871|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory
(VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spike|hCoV-19/Australia/VIC481/2020|2020-03-29|EPI_ISL_426912|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia
>Spike|hCoV-19/Australia/VIC483/2020|2020-03-29|EPI_ISL_426914|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia
>Spike|hCoV-19/Australia/VIC627/2020|2020-03-29|EPI_ISL_426931|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory
(VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spike|hCoV-19/Australia/VIC637/2020|2020-03-28|EPI_ISL_426933|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory
(VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spike|hCoV-19/Australia/VIC652/2020|2020-03-28|EPI_ISL_426948|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory
(VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spike|hCoV-19/Australia/VIC670/2020|2020-03-27|EPI_ISL_426966|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory
(VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spike|hCoV-19/Australia/VIC674/2020|2020-03-27|EPI_ISL_426970|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

> Spike|hCoV-19/Australia/VIC676/2020|2020-03-27|EPI_ISL_426971|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

> Spike|hCoV-19/Australia/VIC680/2020|2020-03-27|EPI_ISL_426975|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

> Spike|hCoV-19/Australia/VIC681/2020|2020-03-27|EPI_ISL_426976|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

> Spike|hCoV-19/Australia/VIC683/2020|2020-03-29|EPI_ISL_426978|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

> Spike|hCoV-19/Australia/VIC700/2020|2020-03-27|EPI_ISL_426990|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

> Spike|hCoV-19/Australia/VIC721/2020|2020-03-27|EPI_ISL_427004|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

> Spike|hCoV-19/Australia/VIC751/2020|2020-03-30|EPI_ISL_427028|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

> Spike|hCoV-19/Australia/VIC761/2020|2020-03-30|EPI_ISL_427037|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

> Spike|hCoV-19/Australia/VIC763/2020|2020-03-30|EPI_ISL_427039|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

> Spike|hCoV-19/Australia/VIC774/2020|2020-03-18|EPI_ISL_427050|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

> Spike|hCoV-19/Australia/VIC796/2020|2020-03-31|EPI_ISL_427070|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

> Spike|hCoV-19/Australia/VIC802/2020|2020-04-01|EPI_ISL_427076|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

> Spike|hCoV-19/Australia/VIC846/2020|2020-04-04|EPI_ISL_427106|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

> Spike|hCoV-19/Australia/VIC854/2020|2020-04-06|EPI_ISL_427147|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

> Spike|hCoV-19/Australia/VIC929/2020|2020-03-30|EPI_ISL_427157|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory
(VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spike|hCoV-19/USA/CT-UW-4251/2020|2020-03-31|EPI_ISL_427164|Original|hCoV-19^^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/USA/WA-UW-3895/2020|2020-03-27|EPI_ISL_427203|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/USA/WA-UW-3959/2020|2020-03-27|EPI_ISL_427220|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/USA/WA-UW-4130/2020|2020-03-31|EPI_ISL_427244|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/USA/AZ-TG271866/2020|2020-03-23|EPI_ISL_427271|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|Lemmer|USA
>Spike|hCoV-19/USA/AZ-TG271868/2020|2020-03-23|EPI_ISL_427272|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|Lemmer|USA
>Spike|hCoV-19/Taiwan/TSGH-10/2020|2020-03-24|EPI_ISL_427397|Original|hCoV-19^^Taipei|Human|TSGH-CP molecular lab|TSGH-CP molecular lab|Shang|Taiwan
>Spike|hCoV-19/Qatar/QA19/2020|2020-03-23|EPI_ISL_427415|Original|hCoV-19^^Doha|Human|Ministry of Public Health (MoPH)|Biomedical Research Center (BRC)|Benslimane|Qatar
>Spike|hCoV-19/Australia/NSW65/2020|2020-03-04|EPI_ISL_427645|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health(NSW Health Pathology – Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney)|Gall|Australia
>Spike|hCoV-19/Australia/NSW66/2020|2020-03-05|EPI_ISL_427646|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health(NSW Health Pathology – Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney)|Gall|Australia
>Spike|hCoV-19/Spain/MD-H12-LP23-5852/2020|2020-03-08|EPI_ISL_428679|Original|hCoV-19^^Madrid|Human|Hospital Universitario La Paz|Hospital Universitario 12 de Octubre|Viedma|Spain
>Spike|hCoV-19/Spain/MD-H12-LP24-5999/2020|2020-03-09|EPI_ISL_428680|Original|hCoV-19^^Madrid|Human|Hospital Universitario La Paz|Hospital Universitario 12 de Octubre|Viedma|Spain
>Spike|hCoV-19/Spain/MD-H12-LP30-2226/2020|2020-03-11|EPI_ISL_428682|Original|hCoV-19^^Madrid|Human|Hospital Universitario La Paz|Hospital Universitario 12 de Octubre|Viedma|Spain
>Spike|hCoV-19/Spain/MD-H12-27/2020|2020-03-21|EPI_ISL_428690|Original|hCoV-19^^Madrid|Human|Hospital Universitario 12 de Octubre|Hospital Universitario 12 de Octubre|Viedma|Spain
>Spike|hCoV-19/Spain/MD-H12-33/2020|2020-03-12|EPI_ISL_428696|Original|hCoV-19^^Madrid|Human|Hospital Universitario 12 de Octubre|Hospital Universitario 12 de Octubre|Viedma|Spain
>Spike|hCoV-19/USA/UA-UW-4579/2020|2020-03-31|EPI_ISL_429606|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/USA/UA-UW-4582/2020|2020-03-31|EPI_ISL_429607|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/USA/VA-DCLS-0083/2020|2020-04-03|EPI_ISL_429981|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spike|hCoV-19/Jordan/SR-035/2020|2020-03-30|EPI_ISL_429995|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan
>Spike|hCoV-19/Jordan/SR-042/2020|2020-03-30|EPI_ISL_430000|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan
>Spike|hCoV-19/USA/UT-076/2020|2020-03-17|EPI_ISL_430027|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/MD-H12-LP29/2020|2020-03-11|EPI_ISL_430719|Original|hCoV-19^^Madrid|Human|Hospital Universitario La Paz|Hospital Universitario 12 de Octubre|Viedma|Spain
> Spike | hCoV-19/Spain/MD-H12-IP33/2020 | 2020-03-11 | EPI_ISL_430721 | Original | hCoV-19
%^Madrid|Human|Hospital Universitario La Paz|Hospital Universitario 12 de Octubre|Viedma|Spain

> Spike | hCoV-19/Thailand/NIH-2492/2020 | 2020-03-17 | EPI_ISL_430841 | Original | hCoV-19
%^Bangkok|Human|Praram 9 Hospital|National Institute of Health. Department of medical Sciences|Phuygun|Thailand

> Spike | hCoV-19/USA/WA-UW-5397/2020 | 2020-04-05 | EPI_ISL_430905 | Original | hCoV-19
^%Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

> Spike | hCoV-19/Fujian/IM3520002T/2020 | 2020-03-15 | EPI_ISL_431180 | Vero | hCoV-19
^%Fujian|Human|Fujian Center for Disease Control and Prevention|Fujian Center for Disease Control and Prevention|Jianfeng|China

> Spike | hCoV-19/Fujian/IM3520004T/2020 | 2020-03-18 | EPI_ISL_431292 | Vero | hCoV-19
^%Fujian|Human|Fujian Center for Disease Control and Prevention|Fujian Center for Disease Control and Prevention|Jianfeng|China

> Spike | hCoV-19/Fujian/IM3520008T/2020 | 2020-03-21 | EPI_ISL_431779 | Vero | hCoV-19
^%Fujian|Human|Fujian Center for Disease Control and Prevention|Fujian Center for Disease Control and Prevention|Jianfeng|China

> Spike | hCoV-19/Fujian/IM3520010T/2020 | 2020-03-17 | EPI_ISL_431780 | Vero | hCoV-19
^%Fujian|Human|Fujian Center for Disease Control and Prevention|Fujian Center for Disease Control and Prevention|Jianfeng|China

> Spike | hCoV-19/Fujian/IM3520013T/2020 | 2020-03-19 | EPI_ISL_431781 | Vero | hCoV-19
^%Fujian|Human|Fujian Center for Disease Control and Prevention|Fujian Center for Disease Control and Prevention|Jianfeng|China

> Spike | hCoV-19/Fujian/IM3520017T/2020 | 2020-03-18 | EPI_ISL_431784 | Vero | hCoV-19
^%Fujian|Human|Fujian Center for Disease Control and Prevention|Fujian Center for Disease Control and Prevention|Jianfeng|China

> Spike | hCoV-19/Fujian/IM3520022Y/2020 | 2020-01-23 | EPI_ISL_431785 | Vero | hCoV-19
^%Fujian|Human|Fujian Center for Disease Control and Prevention|Fujian Center for Disease Control and Prevention|Jianfeng|China

> Spike | hCoV-19/Wales/PHWC-27838/2020 | 2020-04-01 | EPI_ISL_431931 | Original | hCoV-19
^%Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

> Spike | hCoV-19/Wales/PHWC-27856/2020 | 2020-03-25 | EPI_ISL_431947 | Original | hCoV-19
^%Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

> Spike | hCoV-19/Wales/PHWC-29FB9/2020 | 2020-04-03 | EPI_ISL_431998 | Original | hCoV-19
^%Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

> Spike | hCoV-19/Wales/PHWC-24E66/2020 | 2020-03-00 | EPI_ISL_432020 | Original | hCoV-19
^%Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

> Spike | hCoV-19/Wales/PHWC-28873/2020 | 2020-04-01 | EPI_ISL_432082 | Original | hCoV-19
^%Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

> Spike | hCoV-19/Wales/PHWC-28F14/2020 | 2020-04-01 | EPI_ISL_432119 | Original | hCoV-19
^%Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

> Spike | hCoV-19/Wales/PHWC-25603/2020 | 2020-03-24 | EPI_ISL_432141 | Original | hCoV-19
^%Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

> Spike | hCoV-19/Wales/PHWC-29E8F/2020 | 2020-04-05 | EPI_ISL_432202 | Original | hCoV-19
^%Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

> Spike | hCoV-19/Wales/PHWC-29D55/2020 | 2020-04-04 | EPI_ISL_432244 | Original | hCoV-19
^%Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

> Spike | hCoV-19/Wales/PHWC-29EDA/2020 | 2020-03-30 | EPI_ISL_432319 | Original | hCoV-19
^%Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/Northern Ireland/NIRE-FB35A/2020|2020-03-17|EPI_ISL_441413|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

> Spike|hCoV-19/England/CAMB-7B98D/2020|2020-04-04|EPI_ISL_441625|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

> Spike|hCoV-19/England/CAMB-7D56F/2020|2020-04-06|EPI_ISL_442301|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

> Spike|hCoV-19/England/BRIS-123376/2020|2020-04-05|EPI_ISL_442696|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

> Spike|hCoV-19/England/BRIS-123362/2020|2020-04-07|EPI_ISL_442699|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

> Spike|hCoV-19/England/BRIS-123341/2020|2020-04-07|EPI_ISL_442769|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

> Spike|hCoV-19/England/BRIS-123364/2020|2020-04-07|EPI_ISL_442778|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

> Spike|hCoV-19/England/CAMB-7EE03/2020|2020-04-07|EPI_ISL_442928|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

> Spike|hCoV-19/England/CAMB-81447/2020|2020-04-10|EPI_ISL_443065|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

> Spike|hCoV-19/England/CAMB-82F81/2020|2020-04-13|EPI_ISL_443335|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

> Spike|hCoV-19/England/BRIS-123537/2020|2020-03-30|EPI_ISL_443716|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

> Spike|hCoV-19/England/BRIS-12533F/2020|2020-03-27|EPI_ISL_443723|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

> Spike|hCoV-19/England/BRIS-125378/2020|2020-03-25|EPI_ISL_443742|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

> Spike|hCoV-19/England/BRIS-1251E3/2020|2020-03-27|EPI_ISL_443885|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

> Spike|hCoV-19/England/BRIS-1253ED/2020|2020-03-28|EPI_ISL_443996|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

> Spike|hCoV-19/Sweden/KI-CTMR-V300037768-3/2020|2020-03-00|EPI_ISL_444487|Original|hCoV-19^Stockholm|Human|Karolinska Universitetssilaboratoriet|CTMR|Hu|Sweden
> Spike | hCoV-19 | Sweden/KI-CTMR-V300037768-4D/2020 | 2020-03-00 | EPI_ISL_444490 | Original | hCoV-19 | ^Stockholm | Human | Karolinska Universitetslaboratorium | CTMR | Hu | Sweden

> Spike | hCoV-19 | Canada/QC_AB4/2020 | 2020-04-06 | EPI_ISL_444502 | Original | hCoV-19 | ^Quebec | Human | Laboratoire de microbiologie | Smith Laboratory | Smith | Canada

> Spike | hCoV-19 | Bangladesh/DNAS-CPH-471/2020 | 2020-04-28 | EPI_ISL_445214 | Original | hCoV-19 | ^Dhaka | Human | DNA Solution Ltd. | DNA Solution Ltd. | Rabbi | Bangladesh

> Spike | hCoV-19 | Bangladesh/Akbiomed-01/2020 | 2020-04-25 | EPI_ISL_445244 | Original | hCoV-19 | ^Bangladesh | Human | Akbiomed lab | Tejgaon College bmb lab | Atafat | Bangladesh

> Spike | hCoV-19 | Chile/RI-MISPCH-9/2020 | 2020-03-09 | EPI_ISL_445252 | Original | hCoV-19 | ^Region Metropolitana de Santiago | Human | PONTIFICIA U. CATOLICA FAC. MEDICINA | Instituto de Salud Publica de Chile | Fernandez | Chile

> Spike | hCoV-19 | Chile/MA-IISPCH-15/2020 | 2020-03-22 | EPI_ISL_445299 | Original | hCoV-19 | ^Magallanes | Human | CLINICA MAGALLANES S.A. | Instituto de Salud Publica de Chile | Fernandez | Chile

> Spike | hCoV-19 | Chile/RI-MISPCH-29/2020 | 2020-03-16 | EPI_ISL_445308 | Original | hCoV-19 | ^Region Metropolitana de Santiago | Human | HOSPITAL EL CARMEN DR. LUIS VALENTIN F. | Instituto de Salud Publica de Chile | Fernandez | Chile

> Spike | hCoV-19 | Chile/RI-MISPCH-50/2020 | 2020-03-23 | EPI_ISL_445329 | Original | hCoV-19 | ^Region Metropolitana de Santiago | Human | HOSPITAL DR. SOTERO DEL RIO | Instituto de Salud Publica de Chile | Fernandez | Chile

> Spike | hCoV-19 | Chile/AR-IISPCH-3/2020 | 2020-03-25 | EPI_ISL_445338 | Original | hCoV-19 | ^Region Metropolitana de Santiago | Human | HOSPITAL DR. HERNAN HENRIQUEZ ARAVENA | Instituto de Salud Publica de Chile | Fernandez | Chile

> Spike | hCoV-19 | Chile/AR-IISPCH-7/2020 | 2020-03-25 | EPI_ISL_445342 | Original | hCoV-19 | ^Region Metropolitana de Santiago | Human | HOSPITAL DR. HERNAN HENRIQUEZ ARAVENA | Instituto de Salud Publica de Chile | Fernandez | Chile

> Spike | hCoV-19 | Chile/RI-MISPCH-63/2020 | 2020-03-16 | EPI_ISL_445359 | Original | hCoV-19 | ^Region Metropolitana de Santiago | Human | HOSP. SANTIAGO ORIENTE DR. LUIS TISNE B. | Instituto de Salud Publica de Chile | Fernandez | Chile

> Spike | hCoV-19 | Chile/RI-MISPCH-67/2020 | 2020-03-20 | EPI_ISL_445363 | Original | hCoV-19 | ^Region Metropolitana de Santiago | Human | ASISTENCIA PUBLICA DR. ALEJANDRO DEL RIO | Instituto de Salud Publica de Chile | Fernandez | Chile

> Spike | hCoV-19 | Wales/PHWC-28FBA/2020 | 2020-04-01 | EPI_ISL_445464 | Original | hCoV-19 | ^Wales | Human | Wales Specialist Virology Centre | Public Health Wales Microbiology Cardiff | Moore | United Kingdom

> Spike | hCoV-19 | Wales/PHWC-290B6/2020 | 2020-04-03 | EPI_ISL_445478 | Original | hCoV-19 | ^Wales | Human | Wales Specialist Virology Centre | Public Health Wales Microbiology Cardiff | Moore | United Kingdom

> Spike | hCoV-19 | Wales/PHWC-290D4/2020 | 2020-04-03 | EPI_ISL_445479 | Original | hCoV-19 | ^Wales | Human | Wales Specialist Virology Centre | Public Health Wales Microbiology Cardiff | Moore | United Kingdom

> Spike | hCoV-19 | Wales/PHWC-2911D/2020 | 2020-04-03 | EPI_ISL_445483 | Original | hCoV-19 | ^Wales | Human | Wales Specialist Virology Centre | Public Health Wales Microbiology Cardiff | Moore | United Kingdom

> Spike | hCoV-19 | Wales/PHWC-291FF/2020 | 2020-04-03 | EPI_ISL_445494 | Original | hCoV-19 | ^Wales | Human | Wales Specialist Virology Centre | Public Health Wales Microbiology Cardiff | Moore | United Kingdom

> Spike | hCoV-19 | Wales/PHWC-2A246/2020 | 2020-04-05 | EPI_ISL_445541 | Original | hCoV-19 | ^Wales | Human | Wales Specialist Virology Centre | Public Health Wales Microbiology Cardiff | Moore | United Kingdom

> Spike | hCoV-19 | Wales/PHWC-2A291/2020 | 2020-04-05 | EPI_ISL_445546 | Original | hCoV-19 | ^Wales | Human | Wales Specialist Virology Centre | Public Health Wales Microbiology Cardiff | Moore | United Kingdom

> Spike | hCoV-19 | Wales/PHWC-2A6D1/2020 | 2020-04-05 | EPI_ISL_445607 | Original | hCoV-19 | ^Wales | Human | Wales Specialist Virology Centre | Public Health Wales Microbiology Cardiff | Moore | United Kingdom

> Spike | hCoV-19 | Wales/PHWC-2A826/2020 | 2020-04-07 | EPI_ISL_445624 | Original | hCoV-19 | ^Wales | Human | Wales Specialist Virology Centre | Public Health Wales Microbiology Cardiff | Moore | United Kingdom

> Spike | hCoV-19 | Wales/PHWC-292A6/2020 | 2020-04-07 | EPI_ISL_445642 | Original | hCoV-19 | ^Wales | Human | Wales Specialist Virology Centre | Public Health Wales Microbiology Cardiff | Moore | United Kingdom

> Spike | hCoV-19 | Wales/PHWC-300A6/2020 | 2020-04-07 | EPI_ISL_445658 | Original | hCoV-19 | ^Wales | Human | Wales Specialist Virology Centre | Public Health Wales Microbiology Cardiff | Moore | United Kingdom

> Spike | hCoV-19 | Wales/PHWC-300A6/2020 | 2020-04-07 | EPI_ISL_445658 | Original | hCoV-19 | ^Wales | Human | Wales Specialist Virology Centre | Public Health Wales Microbiology Cardiff | Moore | United Kingdom

> Spike | hCoV-19 | Wales/PHWC-300A6/2020 | 2020-04-07 | EPI_ISL_445658 | Original | hCoV-19 | ^Wales | Human | Wales Specialist Virology Centre | Public Health Wales Microbiology Cardiff | Moore | United Kingdom

> Spike | hCoV-19 | Wales/PHWC-300A6/2020 | 2020-04-07 | EPI_ISL_445658 | Original | hCoV-19 | ^Wales | Human | Wales Specialist Virology Centre | Public Health Wales Microbiology Cardiff | Moore | United Kingdom

> Spike | hCoV-19 | Wales/PHWC-300A6/2020 | 2020-04-07 | EPI_ISL_445658 | Original | hCoV-19 | ^Wales | Human | Wales Specialist Virology Centre | Public Health Wales Microbiology Cardiff | Moore | United Kingdom
> Spike<hCoV-19/Wales/PHWC-2A914/2020|2020-04-08|EPI_ISL_445636|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
> Spike<hCoV-19/Wales/PHWC-2A9BA/2020|2020-04-06|EPI_ISL_445646|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
> Spike<hCoV-19/Wales/PHWC-2B5D3/2020|2020-04-10|EPI_ISL_445733|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
> Spike<hCoV-19/Wales/PHWC-2B685/2020|2020-04-13|EPI_ISL_445743|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
> Spike<hCoV-19/Wales/PHWC-2B9E6/2020|2020-03-28|EPI_ISL_445791|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
> Spike<hCoV-19/Wales/PHWC-2BC0B/2020|2020-03-29|EPI_ISL_445820|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
> Spike<hCoV-19/Wales/PHWC-2BC1A/2020|2020-03-29|EPI_ISL_445821|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
> Spike<hCoV-19/Wales/PHWC-2BD44/2020|2020-04-07|EPI_ISL_445840|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
> Spike<hCoV-19/Wales/PHWC-2BD80/2020|2020-04-09|EPI_ISL_445844|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
> Spike<hCoV-19/Wales/PHWC-2C718/2020|2020-03-31|EPI_ISL_445901|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
> Spike<hCoV-19/Wales/PHWC-2C736/2020|2020-03-31|EPI_ISL_445903|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
> Spike<hCoV-19/Wales/PHWC-2C842/2020|2020-04-01|EPI_ISL_445918|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
> Spike<hCoV-19/Wales/PHWC-2C9A9/2020|2020-04-01|EPI_ISL_445929|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
> Spike<hCoV-19/Wales/PHWC-2D340/2020|2020-04-04|EPI_ISL_445974|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
> Spike<hCoV-19/Wales/PHWC-2D4C5/2020|2020-04-04|EPI_ISL_445991|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
> Spike<hCoV-19/Wales/PHWC-2D674/2020|2020-04-04|EPI_ISL_446009|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
> Spike<hCoV-19/Wales/PHWC-2DF00/2020|2020-04-09|EPI_ISL_446039|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
> Spike<hCoV-19/Wales/PHWC-2E2CA/2020|2020-04-16|EPI_ISL_446083|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
> Spike<hCoV-19/Wales/PHWC-2EA59/2020|2020-04-07|EPI_ISL_446104|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
> Spike<hCoV-19/Wales/PHWC-2EBA1/2020|2020-04-06|EPI_ISL_446122|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/Wales/PHWC-340B8/2020|2020-04-20|EPI_ISL_446867|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

> Spike|hCoV-19/Wales/PHWC-341E2/2020|2020-04-18|EPI_ISL_446886|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

> Spike|hCoV-19/Wales/PHWC-34319/2020|2020-04-17|EPI_ISL_446903|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

> Spike|hCoV-19/Wales/PHWC-34443/2020|2020-04-16|EPI_ISL_446922|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

> Spike|hCoV-19/Wales/PHWC-345F5/2020|2020-04-20|EPI_ISL_446947|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

> Spike|hCoV-19/Georgia/Tb-6598/2020|2020-04-29|EPI_ISL_447055|Original|hCoV-19^^New Taipei City|Human|TSGH-CP molecular lab|TSGH-CP molecular lab|Taiwan

> Spike|hCoV-19/mink/Netherlands/NB04_index/2020|2020-05-06|EPI_ISL_447634|Original|hCoV-19^^Netherlands|Mustela lutreola|Virology|Virology|Oreshkova|Netherlands

> Spike|hCoV-19/England/NORW-E8D07/2020|2020-04-15|EPI_ISL_448303|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

> Spike|hCoV-19/England/NORW-E946B/2020|2020-04-22|EPI_ISL_448314|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

> Spike|hCoV-19/England/NORW-E96CF/2020|2020-04-22|EPI_ISL_448327|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

> Spike|hCoV-19/England/NORW-E9B57/2020|2020-04-30|EPI_ISL_448353|Original|hCoV-19^^ England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

> Spike|hCoV-19/England/NORW-E9EB8/2020|2020-05-03|EPI_ISL_448378|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

> Spike|hCoV-19/England/NOTT-110E8A/2020|2020-04-29|EPI_ISL_448429|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

> Spike|hCoV-19/England/NOTT-110EC6/2020|2020-04-29|EPI_ISL_448433|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

> Spike|hCoV-19/England/OXON-AC69B/2020|2020-04-05|EPI_ISL_448474|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

> Spike|hCoV-19/England/OXON-AE12F/2020|2020-00-00|EPI_ISL_448665|Original|hCoV-19^^ England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

> Spike|hCoV-19/England/NORW-E6F03/2020|2020-04-21|EPI_ISL_448991|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

> Spike|hCoV-19/England/NORW-E711B/2020|2020-04-18|EPI_ISL_449003|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

> Spike|hCoV-19/England/NORW-E76D0/2020|2020-05-04|EPI_ISL_449064|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/Australia/VIC1432/2020|2020-04-17|EPI_ISL_456439|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spike|hCoV-19/Scotland/ cvr3405/2020|2020-05-06|EPI_ISL_456829|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/Scotland/cvr3425/2020|2020-05-07|EPI_ISL_456846|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/England/ NORW-Ea42e/2020|2020-05-12|EPI_ISL_457346|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/England/ NORW-EAE4E/2020|2020-04-29|EPI_ISL_457384|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/England/ NORW-EBB88/2020|2020-05-07|EPI_ISL_457453|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/England/ NORW-EC44A/2020|2020-05-11|EPI_ISL_457526|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/Oman/205024123/2020|2020-03-25|EPI_ISL_457703|Original|hCoV-19^^Muscat|Human|Oman-NIC|Department of u00a0Microbiology\u00a0and Immunology-SQUH|AL Zadjali|Oman
>Spike|hCoV-19/Oman/205027055/2020|2020-04-06|EPI_ISL_458123|Original|hCoV-19^^Muscat|Human|Oman National Influenza Centre|Department of u00a0Microbiology\u00a0and Immunology-SQUH|AL Zadjali|Oman
>Spike|hCoV-19/Oman/205033391/2020|2020-05-03|EPI_ISL_458124|Original|hCoV-19^^Muscat|Human|Oman National Influenza Centre|Department of u00a0Microbiology\u00a0and Immunology-SQUH|AL Zadjali|Oman
>Spike|hCoV-19/England/ Bris-1286c3/2020|2020-04-14|EPI_ISL_458776|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ Bris-1286d2/2020|2020-04-14|EPI_ISL_458786|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ Bris-1292a0/2020|2020-04-19|EPI_ISL_458791|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ Bris-129510/2020|2020-04-19|EPI_ISL_458836|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ Bris-1294c8/2020|2020-04-20|EPI_ISL_458869|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ Bris-126012/2020|2020-04-19|EPI_ISL_459039|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ Bris-1263ce/2020|2020-04-10|EPI_ISL_459070|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ Camb-1bi049/2020|2020-05-05|EPI_ISL_459175|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ Camb-1ap61f/2020|2020-05-01|EPI_ISL_459241|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England|BRIS-128335/2020|2020-04-16|EPI_ISL_469770|Original|hCoV-19\>England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp>ike|hCoV-19|England|CAMB-1AAC30/2020|2020-04-19|EPI_ISL_470121|Original|hCoV-19\>England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp>ike|hCoV-19|England|CAMB-83B7D/2020|2020-04-16|EPI_ISL_470355|Original|hCoV-19\>England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp>ike|hCoV-19|England|CAMB-7F9C5/2020|2020-04-09|EPI_ISL_470406|Original|hCoV-19\>England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp>ike|hCoV-19|England|LIVE-A047F/2020|2020-05-25|EPI_ISL_472112|Original|hCoV-19\>England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) consortium|Haldenby|United Kingdom
>Sp>ike|hCoV-19|England|LIVE-A0512/2020|2020-05-26|EPI_ISL_472117|Original|hCoV-19\>England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) consortium|Haldenby|United Kingdom
>Sp>ike|hCoV-19|England|LIVE-A059A/2020|2020-05-26|EPI_ISL_472120|Original|hCoV-19\>England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) consortium|Haldenby|United Kingdom
>Sp>ike|hCoV-19|England|NORW-EB06D/2020|2020-05-04|EPI_ISL_472300|Original|hCoV-19\>England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) consortium|Alikhan|United Kingdom
>Sp>ike|hCoV-19|England|NORW-EB77F/2020|2020-05-05|EPI_ISL_472315|Original|hCoV-19\>England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) consortium|Alikhan|United Kingdom
>Sp>ike|hCoV-19|England|NORW-EBF86/2020|2020-05-21|EPI_ISL_472326|Original|hCoV-19\>England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) consortium|Alikhan|United Kingdom
>Sp>ike|hCoV-19|England|NORW-ECA18/2020|2020-05-26|EPI_ISL_472329|Original|hCoV-19\>England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) consortium|Alikhan|United Kingdom
>Sp>ike|hCoV-19|Wales|PHWC-15C198/2020|2020-04-20|EPI_ISL_472447|Original|hCoV-19\>Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom
>Sp>ike|hCoV-19|Wales|PHWC-15C1E3/2020|2020-04-19|EPI_ISL_472451|Original|hCoV-19\>Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom
>Sp>ike|hCoV-19|Wales|PHWC-15C22C/2020|2020-05-05|EPI_ISL_472455|Original|hCoV-19\>Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom
>Sp>ike|hCoV-19|Wales|PHWC-15C3ED/2020|2020-05-04|EPI_ISL_472483|Original|hCoV-19\>Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom
>Sp>ike|hCoV-19|Wales|PHWC-15C462/2020|2020-03-26|EPI_ISL_472490|Original|hCoV-19\>Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom
>Sp>ike|hCoV-19|Wales|PHWC-15C6B7/2020|2020-05-09|EPI_ISL_472523|Original|hCoV-19\>Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom
> Spike|hCoV-19|Spain/CM-IVB-003869/2020|2020-05-22|EPI_ISL_474905|Original|hCoV-19
> ^Castilla La Mancha|Human|Complejo Hospitalario Universitario de Albacete|SeqCOVID-SPAIN consortium/IVB(CSIC)|Comas|Spain
> Spike|hCoV-19|Spain/CM-IVB-003876/2020|2020-05-14|EPI_ISL_474906|Original|hCoV-19
> ^Castilla La Mancha|Human|Complejo Hospitalario Universitario de Albacete|SeqCOVID-SPAIN consortium/IVB(CSIC)|Comas|Spain
> Spike|hCoV-19|Israel/CVL-n-6106/2020|2020-03-15|EPI_ISL_474992|Original|hCoV-19
> ^Petah-Tikva|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel
> Spike|hCoV-19|Morocco/moh100/2020|2020-05-05|EPI_ISL_476024|Original|hCoV-19
> ^Morocco|Human|Laboratoire de Recherche et d'Analyses M\"u00e9dicales de la Gendarmerie Royale|Laboratoire de Recherche et d'Analyses M\"u00e9dicales de la Gendarmerie Royale|Lemriss|Morocco
> Spike|hCoV-19|Morocco/CA24/2020|2020-05-02|EPI_ISL_476025|Original|hCoV-19
> ^Morocco|Human|Laboratoire de Recherche et d'Analyses M\"u00e9dicales de la Gendarmerie Royale|Laboratoire de Recherche et d'Analyses M\"u00e9dicales de la Gendarmerie Royale|Lemriss|Morocco
> Spike|hCoV-19|USA/MI/MDHHS-SC20895/2020|2020-04-23|EPI_ISL_476032|Original|hCoV-19
> ^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
> Spike|hCoV-19|Senegal/57481/2020|2020-06-06|EPI_ISL_476150|Original|hCoV-19
> ^Dakar|Human|Institut Pasteur Dakar|Institut Pasteur de Dakar|Dia|Senegal
> Spike|hCoV-19|Brazil/CE-L16-CD334/2020|2020-03-29|EPI_ISL_476283|Original|hCoV-19
> ^Cear\u00e0|Human|DB Diagn\u00e9sticos do Brasil|Instituto de Medicina Tropical da Universidade de S\u00e3o Paulo|Paria|Brazil
> Spike|hCoV-19|Senegal/64914/2020|2020-06-13|EPI_ISL_476556|Original|hCoV-19
> ^Dakar|Human|Institut Pasteur Dakar|Institut Pasteur de Dakar|Dia|Senegal
> Spike|hCoV-19|Greece/AYTH_8/2020|2020-04-04|EPI_ISL_476835|Original|hCoV-19
> ^Thessaloniki|Human|National Influenza Centre for Northern Greece|National Influenza Centre for Northern Greece|Christoforidi|Greece
> Spike|hCoV-19|Greece/AYTH_5/2020|2020-03-30|EPI_ISL_476838|Original|hCoV-19
> ^Thessaloniki|Human|National Influenza Centre for Northern Greece|National Influenza Centre for Northern Greece|Christoforidi|Greece
> Spike|hCoV-19|Greece/AYTH_3/2020|2020-04-09|EPI_ISL_476839|Original|hCoV-19
> ^Thessaloniki|Human|National Influenza Centre for Northern Greece|National Influenza Centre for Northern Greece|Christoforidi|Greece
> Spike|hCoV-19|Greece/AYTH_1/2020|2020-03-09|EPI_ISL_476843|Original|hCoV-19
> ^Thessaloniki|Human|National Influenza Centre for Northern Greece|National Influenza Centre for Northern Greece|Christoforidi|Greece
> Spike|hCoV-19|Greece/NIC_8/2020|2020-03-13|EPI_ISL_476845|Original|hCoV-19
> ^Thessaloniki|Human|National Influenza Centre for Northern Greece|National Influenza Centre for Northern Greece|Christoforidi|Greece
> Spike|hCoV-19|Greece/NIC_5/2020|2020-04-12|EPI_ISL_476847|Original|hCoV-19
> ^Thessaloniki|Human|National Influenza Centre for Northern Greece|National Influenza Centre for Northern Greece|Christoforidi|Greece
> Spike|hCoV-19|Senegal/64772/2020|2020-06-13|EPI_ISL_477154|Original|hCoV-19
> ^Dakar|Human|Institut Pasteur Dakar|Institut Pasteur de Dakar|Dia|Senegal
> Spike|hCoV-19|Senegal/63930/2020|2020-06-12|EPI_ISL_477158|Original|hCoV-19
> ^Dakar|Human|Institut Pasteur Dakar|Institut Pasteur de Dakar|Dia|Senegal
> Spike|hCoV-19|Italy/CAM-CEINGE-1/2020|2020-05-30|EPI_ISL_477204|Original|hCoV-19
> ^Campania|Human|Prof. Massimo Zollo CEINGE TASK-FORCE COVID19 - Regione Campania|Prof. Massimo Zollo CEINGE TASK-FORCE COVID19 - Regione Campania|Zollo|Italy
>Spike|hCoV-19/England/LIVE-A05A9/2020|2020-05-26|EPI_ISL_478384|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/England/LIVE-A05G6/2020|2020-05-26|EPI_ISL_478385|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/England/LIVE-A05E5/2020|2020-05-26|EPI_ISL_478386|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/England/LIVE-A066A/2020|2020-05-26|EPI_ISL_478388|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/England/LIVE-A0679/2020|2020-05-27|EPI_ISL_478389|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/England/LIVE-A06B5/2020|2020-05-26|EPI_ISL_478390|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/England/LONDON-D4278/2020|2020-04-06|EPI_ISL_478404|Original|hCoV-19|England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spike|hCoV-19/England/LONDON-D5954/2020|2020-04-17|EPI_ISL_478409|Original|hCoV-19|England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spike|hCoV-19/England/LONDON-D5DD0/2020|2020-04-18|EPI_ISL_478410|Original|hCoV-19|England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spike|hCoV-19/Turkey/KOC-IST-B303/2020|2020-03-27|EPI_ISL_478669|Original|hCoV-19|Turkey|Human|unknown|Microbiology|Submitter|Turkey
>Spike|hCoV-19/Wales/PHWC-160E12/2020|2020-05-18|EPI_ISL_479300|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Wales/PHWC-16479B/2020|2020-05-25|EPI_ISL_479306|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Wales/PHWC-164A0B/2020|2020-05-08|EPI_ISL_479334|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Wales/PHWC-164A74/2020|2020-06-02|EPI_ISL_479340|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Wales/PHWC-164B80/2020|2020-06-04|EPI_ISL_479353|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Wales/PHWC-164BB5/2020|2020-04-21|EPI_ISL_479356|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Wales/PHWC-1652B7/2020|2020-04-20|EPI_ISL_479445|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Wales/PHWC-1653B4/2020|2020-05-18|EPI_ISL_479459|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Wales/PHWC-1653F0/2020|2020-04-21|EPI_ISL_479462|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/FL-04-UMTL-97QX/2020|2020-04-08|EPI_ISL_479761|Original|hCoV-19|Florida|Human|University of Miami Immunology and Histocompatibility Laboratory|University of Miami Immunology and Histocompatibility Laboratory|Margolles-Clark|USA
University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/Scotland/GCVR-1717B9/2020|2020-03-28|EPI_ISL_489612|Original|hCoV-19/Scotland/Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Malaysia/IMR-9174/2020|2020-03-04|EPI_ISL_489993|Vero E6|hCoV-19/Selangor/Human|Institute for Medical Research|Institute for Medical Research|Suppiah|Malaysia
> Spike|hCoV-19/Malaysia/IMR_WC10195/2020|2020-04-10|EPI_ISL_490014|Original|hCoV-19/Selangor/Human|Institute for Medical Research|Institute for Medical Research|Suppiah|Malaysia
> Spike|hCoV-19/Malaysia/IMR_WC12897/2020|2020-04-10|EPI_ISL_490015|Vero E6|hCoV-19/Selangor/Human|Institute for Medical Research|Institute for Medical Research|Suppiah|Malaysia
> Spike|hCoV-19/Malaysia/IMR_WC80036/2020|2020-05-23|EPI_ISL_490091|Original|hCoV-19/Selangor/Human|Institute for Medical Research|Institute for Medical Research|Suppiah|Malaysia
> Spike|hCoV-19/Malaysia/IMR_WC81528/2020|2020-05-23|EPI_ISL_490097|Original|hCoV-19/Malaysia/Human|Institute for Medical Research|Institute for Medical Research|Suppiah|Malaysia
> Spike|hCoV-19/USA/CA-QRTTP-Donor20/2020|2020-04-01|EPI_ISL_490222|Original|hCoV-19/Selangor/Human|Institute for Medical Research|Institute for Medical Research|Suppiah|Malaysia
> Spike|hCoV-19/England/202691845/2020|2020-06-18|EPI_ISL_490226|Original|hCoV-19/England/Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
> Spike|hCoV-19/England/LIVE-A17EE/2020|2020-06-19|EPI_ISL_490339|Original|hCoV-19/England/Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
> Spike|hCoV-19/England/LIVE-A2167/2020|2020-05-18|EPI_ISL_490378|Original|hCoV-19/England/Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
> Spike|hCoV-19/England/NORW-EDA29/2020|2020-05-06|EPI_ISL_490511|Original|hCoV-19/England/Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
> Spike|hCoV-19/England/NORW-EE4FD/2020|2020-04-24|EPI_ISL_490550|Original|hCoV-19/England/Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
> Spike|hCoV-19/England/NORW-EE554/2020|2020-04-24|EPI_ISL_490554|Original|hCoV-19/England/Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
> Spike|hCoV-19/Wales/PHWC-165EE0/2020|2020-06-22|EPI_ISL_490814|Original|hCoV-19/Wales/Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Wales/PHWC-1661D7/2020|2020-06-04|EPI_ISL_490848|Original|hCoV-19/Wales/Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Romania/ROSV_5230/2020|2020-04-28|EPI_ISL_491083|Original|hCoV-19/Suceava/Human|Suceava County Emergency Hospital\ Stefan cel Mare\ University Metagenomics Lab|Lobiuc|Romania
> Spike|hCoV-19/Scotland/EDB1122/2020|2020-04-06|EPI-ISL_491537|Original|hCoV-19/Scotland/Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Oman/205038885/2020|2020-05-26|EPI-ISL_491999|Original|hCoV-19/Muscat/Human|Oman-NIC|Department of\u00a0Microbiology\u00a0and\u00a0Immunology-SQUH|AL Zadjali|Oman
> Spike|hCoV-19/England/BRIS-1853337/2020|2020-04-03|EPI-ISL_492257|Original|hCoV-19/England/Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-166289/2020|2020-06-13|EPI_ISL_493984|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16692A/2020|2020-06-16|EPI_ISL_494061|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-167DA5/2020|2020-04-20|EPI ISL 494156|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-168041/2020|2020-04-02|EPI ISL 494192|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1680AB/2020|2020-06-09|EPI ISL 494197|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-168287/2020|2020-05-22|EPI ISL 494219|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16830C/2020|2020-05-18|EPI ISL 494225|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-168515/2020|2020-04-17|EPI ISL 494251|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-168551/2020|2020-04-01|EPI ISL 494253|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1686B8/2020|2020-04-02|EPI ISL 494271|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16872E/2020|2020-04-20|EPI ISL 494278|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-168797/2020|2020-03-31|EPI ISL 494285|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-168A70/2020|2020-05-21|EPI ISL 494322|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1276/2020|2020-05-05|EPI ISL 494474|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/CA-ALSR-1516/2020|2020-05-09|EPI ISL 494638|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/CA-ALSR-1534/2020|2020-05-09|EPI ISL 496341|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Mexico/BCN-ALSR-1471/2020|2020-04-28|EPI ISL 496341|Original|hCoV-19^^Baja California|Human|Infectolab|Andersen lab at Scripps Research|Gangavarapu|Mexico
>Spike|hCoV-19/Mexico/BCN-ALSR-1478/2020|2020-04-28|EPI_ISL_496347|Original|hCoV-19^Baja California|Human|Infectolab|Andersen lab at Scripps Research|Gangavarapu|Mexico
>Spik|hCoV-19/India/MH-NCCS-NR567/2020|2020-05-07|EPI_ISL_496536|Original|hCoV-19^Maharashtra|Human|National Centre For Cell Science|National Centre For Cell Science|Paul|India
>Spik|hCoV-19/Panama/334668/2020|2020-03-30|EPI_ISL_496781|Original|hCoV-19^Panama Center|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Maitra|Panama
>Spik|hCoV-19/Senegal/9840/2020|2020-04-25|EPI_ISL_498234|Original|hCoV-19^Pikine|Human|Institut Pasteur de Dakar|Institut Pasteur de Dakar|Dia|Senegal
>Spik|hCoV-19/England/LIVE-A5CF|2020-03-17|EPI_ISL_499473|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spik|hCoV-19/England/LIVE-A596|2020-03-18|EPI_ISL_499486|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spik|hCoV-19/England/LIVE-A6716|2020-03-19|EPI_ISL_499491|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spik|hCoV-19/Spain/AR-IBV-005120|2020-04-26|EPI_ISL_500364|Original|hCoV-19^Aragon|Human|Servicio de Microbiologia\u00eda|SeqCOVID-SPAIN consortium/IVB(CSIC)|Comas|Spain
>Spik|hCoV-19/Spain/RI-IBV-006013|2020-03-28|EPI_ISL_500443|Original|hCoV-19^La Rioja|Human|Centro de Investigacion\u00eda Biom\u00eda9ica de La Rioja – Hospital San Pedro Logro|\u00eda|SeqCOVID-SPAIN consortium/IVB(CSIC)|Comas|Spain
>Spik|hCoV-19/Northern Ireland/NIRE-106CC9|2020-05-19|EPI_ISL_500981|Original|hCoV-19^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/USA/WA-UW-9755|2020-05-25|EPI_ISL_501162|Original|hCoV-19^Washington|Human|University of Washington Virology Lab|University of Washington Virology Lab|Roychoudhury|USA
>Spik|hCoV-19/USA/TX-GCID-19200440|2020-04-23|EPI_ISL_501174|Original|hCoV-19^Texas|Human|Baylor College of Medicine|Baylor College of Medicine|Skinner|USA
>Spik|hCoV-19/Malaysia/2297|2020-03-27|EPI_ISL_501193|Original|hCoV-19^Kuala Lumpur|Human|Department of Medical Microbiology|Department of Medical Microbiology|Chan|Malaysia
>Spik|hCoV-19/Malaysia/6306|2020-04-07|EPI_ISL_501219|Original|hCoV-19^Kuala Lumpur|Human|Department of Medical Microbiology|Department of Medical Microbiology|Chan|Malaysia
>Spik|hCoV-19/South Korea/CBNU-nCoV01|2020-02-00|EPI_ISL_507039|Vero P1|hCoV-19^South Korea|Human|Department of Microbiology|Department of Microbiology|Kim|South Korea
>Spik|hCoV-19/USA/NM-UNM-00315|2020-04-21|EPI_ISL_508021|Original|hCoV-19^New Mexico|Human|New Mexico Department of Health Scientific Laboratory Division|Center for Global Health|Domman|USA
>Spik|hCoV-19/Australia/SAP434|2020-03-22|EPI_ISL_508125|Original|hCoV-19^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia
>Spik|hCoV-19/India/WB-IK17|2020-04-24|EPI_ISL_508346|Original|hCoV-19^West Bengal|Human|Institute of Post Graduate Medical Education & Research|National Institute of Biomedical Genomics|Maitra|India
>Spik|hCoV-19/India/MH-WM32|2020-05-25|EPI_ISL_508435|Original|hCoV-19^Maharashtra|Human|Mahatma Gandhi Institute of Medical Sciences|National Institute of Biomedical Genomics|Maitra|India
>Spik|hCoV-19/India/WB-S35|2020-05-02|EPI_ISL_508444|Original|hCoV-19^West Bengal|Human|ICMR-National Institute of Cholera and Enteric Diseases|National Institute of Biomedical Genomics|Maitra|India
> Spike\|hCoV-19/Saudi Arabia/KAUST-JEDDAH1027/2020|2020-06-23|EPI_ISL_512897|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

> Spike\|hCoV-19/Saudi Arabia/KAUST-JEDDAH538/2020|2020-04-23|EPI_ISL_512951|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

> Spike\|hCoV-19/Saudi Arabia/KAUST-JEDDAH547/2020|2020-04-21|EPI_ISL_512957|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

> Spike\|hCoV-19/Saudi Arabia/KAUST-JEDDAH570/2020|2020-04-17|EPI_ISL_513068|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

> Spike\|hCoV-19/Saudi Arabia/KAUST-MADINAH516/2020|2020-04-05|EPI_ISL_513165|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

> Spike\|hCoV-19/Saudi Arabia/KAUST-MADINAH519/2020|2020-04-05|EPI_ISL_513166|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

> Spike\|hCoV-19/Saudi Arabia/KAUST-MADINAH702/2020|2020-04-30|EPI_ISL_513181|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

> Spike\|hCoV-19/Saudi Arabia/KAUST-MADINAH95/2020|2020-04-26|EPI_ISL_513213|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

> Spike\|hCoV-19/Saudi Arabia/KAUST-MAKKAH766/2020|2020-04-18|EPI_ISL_513237|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

> Spike\|hCoV-19/Saudi Arabia/KAUST-MAKKAH769/2020|2020-04-24|EPI_ISL_513239|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

> Spike\|hCoV-19/Saudi Arabia/KAUST-MAKKAH771/2020|2020-04-18|EPI_ISL_513241|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

> Spike\|hCoV-19/USA/UT-02837/2020|2020-04-29|EPI_ISL_513647|Original|hCoV-19^^Utah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|USA

> Spike\|hCoV-19/USA/UT-02853/2020|2020-04-29|EPI_ISL_513661|Original|hCoV-19^^Utah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|USA

> Spike\|hCoV-19/USA/UT-02874/2020|2020-04-29|EPI_ISL_513675|Original|hCoV-19^^Utah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|USA
>Spike|hCoV-19/Oman/RESP-20-B-15753/2020|2020-05-22|EPI_ISL_518834|Original|hCoV-19^^Muscat|Human|Oman-National Influenza Center|Biotechnology & OMICs Laboratory|Al Mahrudi|Oman

>SpIke|hCoV-19/Australia/VIC4704/2020|2020-07-10|EPI_ISL_519092|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>SpIke|hCoV-19/Australia/VIC4083/2020|2020-07-15|EPI_ISL_519464|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>SpIke|hCoV-19/Australia/VIC2172/2020|2020-06-24|EPI_ISL_521921|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>SpIke|hCoV-19/Australia/VIC2539/2020|2020-07-02|EPI_ISL_522232|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>SpIke|hCoV-19/USA/TX-DSHS-0066/2020|2020-05-09|EPI_ISL_522352|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>SpIke|hCoV-19/South Korea/KCDC2688/2020|2020-06-30|EPI_ISL_522468|Original|hCoV-19^^South Korea|Human|Center for Laboratory Control of Infectious Diseases|Center for Laboratory Control of Infectious Diseases|Kim|South Korea

>SpIke|hCoV-19/USA/TX-DSHS-0174/2020|2020-03-11|EPI_ISL_524055|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>SpIke|hCoV-19/Scotland/GCVR-173113/2020|2020-04-04|EPI_ISL_524514|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>SpIke|hCoV-19/Scotland/GCVR-17141/2020|2020-03-29|EPI_ISL_524540|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>SpIke|hCoV-19/England/LOND-126085C/2020|2020-04-05|EPI_ISL_524640|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>SpIke|hCoV-19/Scotland/GCVR-17219/2020|2020-04-04|EPI_ISL_524678|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>SpIke|hCoV-19/England/LOND-126096A/2020|2020-04-04|EPI_ISL_525358|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>SpIke|hCoV-19/Oman/RESP-20-B-15491/2020|2020-05-21|EPI_ISL_525427|Original|hCoV-19^^Muscat|Human|Oman-National Influenza Center|Biotechnology & OMICs Laboratory|Al Mahrudi|Oman

>SpIke|hCoV-19/USA/OR-OHSU-0528/2020|2020-06-15|EPI_ISL_525382|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Ginkgo Bioworks Clinical Laboratory|O'Roak|USA

>SpIke|hCoV-19/USA/OR-OHSU-0536/2020|2020-06-15|EPI_ISL_525383|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Ginkgo Bioworks Clinical Laboratory|O'Roak|USA

>SpIke|hCoV-19/USA/OR-OHSU-0548/2020|2020-06-16|EPI_ISL_525842|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Ginkgo Bioworks Clinical Laboratory|O'Roak|USA

>SpIke|hCoV-19/USA/OR-OHSU-0626/2020|2020-06-13|EPI_ISL_525855|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Ginkgo Bioworks Clinical Laboratory|O'Roak|USA

>SpIke|hCoV-19/USA/OR-OHSU-0675/2020|2020-06-17|EPI_ISL_525883|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>SpIke|hCoV-19/USA/OR-OHSU-0827/2020|2020-06-23|EPI_ISL_525909|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA
>Spike|hCoV-19/Wales/PHWC-16A100/2020|2020-08-31|EPI_ISL_535202|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik|hCoV-19/Wales/PHWC-16A1E2/2020|2020-09-03|EPI_ISL_535214|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik|hCoV-19/Wales/PHWC-16A49E/2020|2020-09-05|EPI ISL_535256|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik|hCoV-19/Canada/QC-LSPQ-L00234922/2020|2020-03-24|EPI_ISL_536081|Original|hCoV-19^^Quebec|Human|H\'u00f4pital Charles-LeMoyne|Laboratoire de sant\'u00e9 de publique du Qu\'u00e9bec|Canada
>Spik|hCoV-19/England/SHEF-10B2899/2020|2020-04-29|EPI ISL_537285|Original|hCoV-19^^England|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/Spain/CL-IVB-97006144/2020|2020-04-01|EPI ISL_537291|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SegCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
>Spik|hCoV-19/Spain/CL-IVB-97006170/2020|2020-04-05|EPI ISL_537317|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SegCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
>Spik|hCoV-19/Spain/CN-IVB-97006487/2020|2020-03-25|EPI ISL_537702|Original|hCoV-19^^Canary Islands|Human|Hospital Universitario de Gran Canaria Dr. Negr\u00edn|SegCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
>Spik|hCoV-19/Spain/AN-IVB-98001835/2020|2020-04-01|EPI ISL_538167|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00edo y Parasitolog\u00edo|UCEIMP. Hospital Universitario Virgen del Roc\u00eda|IBIS/CSIC/US|SegCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
>Spik|hCoV-19/USA/SC-DHEC-0885/2020|2020-06-26|EPI ISL_538409|Original|hCoV-19^^South Carolina|Human|Microbiology Division|Microbiology Division|Flores|USA
>Spik|hCoV-19/Indonesia/JB-NIHRD-FME4992/2020|2020-00-00|EPI ISL_538513|Original|hCoV-19^^West Java|Human|Provincial Health Laboratory Bekasi West Java|National Institute of Health Research and Development|Setiawati|Indonesia
>Spik|hCoV-19/Spain/VC-IVB-98003607/2020|2020-03-16|EPI ISL_538624|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00edo|Hospital General Universitario de Castell\u00f3n|SegCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
>Spik|hCoV-19/England/LEED-2AA5BC/2020|2020-04-06|EPI ISL_538851|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/England/LEED-2AA640/2020|2020-04-05|EPI ISL_538905|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/LEED-2A8712/2020|2020-03-23|EPI ISL_539170|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/QUEUH-998BA9/2020|2020-08-26|EPI ISL_539906|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/England/QUEUH-998D49/2020|2020-08-26|EPI ISL_540030|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/England/QUEUH-96F59E/2020|2020-08-17|EPI ISL_540278|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
| Date       | Accession   | Institution                  | Location          | Genomics Consortium     |
|------------|-------------|------------------------------|-------------------|-------------------------|
| 2020-06-09 | EPI_ISL_553499 | Human Lighthouse Lab in Alderley Park | Milton Keynes, UK | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium |
| 2020-06-12 | EPI_ISL_553521 | Human Lighthouse Lab in Alderley Park | Milton Keynes, UK | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium |
| 2020-06-13 | EPI_ISL_553568 | Human Lighthouse Lab in Milton Keynes | Milton Keynes, UK | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium |
| 2020-06-11 | EPI_ISL_553608 | Human Lighthouse Lab in Alderley Park | Milton Keynes, UK | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium |
| 2020-06-13 | EPI_ISL_553805 | Human Lighthouse Lab in Alderley Park | Milton Keynes, UK | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium |
| 2020-06-08 | EPI_ISL_553812 | Human Lighthouse Lab in Alderley Park | Milton Keynes, UK | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium |
| 2020-06-08 | EPI_ISL_553846 | Human Lighthouse Lab in Alderley Park | Milton Keynes, UK | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium |
| 2020-06-09 | EPI_ISL_553880 | Human Lighthouse Lab in Milton Keynes | Milton Keynes, UK | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium |
| 2020-06-09 | EPI_ISL_553946 | Human Lighthouse Lab in Alderley Park | Milton Keynes, UK | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium |
| 2020-06-10 | EPI_ISL_554118 | Human Lighthouse Lab in Milton Keynes | Milton Keynes, UK | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium |
| 2020-06-07 | EPI_ISL_554195 | Human Lighthouse Lab in Milton Keynes | Milton Keynes, UK | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium |
| 2020-06-08 | EPI_ISL_554246 | Human Lighthouse Lab in Milton Keynes | Milton Keynes, UK | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium |
| 2020-06-09 | EPI_ISL_554261 | Human Lighthouse Lab in Milton Keynes | Milton Keynes, UK | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium |
| 2020-06-10 | EPI_ISL_554281 | Human Lighthouse Lab in Milton Keynes | Milton Keynes, UK | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium |
| 2020-06-14 | EPI_ISL_554455 | Human Lighthouse Lab in Alderley Park | Milton Keynes, UK | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium |
| 2020-06-12 | EPI_ISL_554478 | Human Lighthouse Lab in Alderley Park | Milton Keynes, UK | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium |
| 2020-06-14 | EPI_ISL_554520 | Human Lighthouse Lab in Alderley Park | Milton Keynes, UK | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium |
> Spike|hCoV-19/Australia/VIC11039/2020|2020-07-30|EPI_ISL_562608|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19/Australia/VIC11062/2020|2020-09-08|EPI_ISL_562609|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19/Australia/VIC11095/2020|2020-08-12|EPI_ISL_562610|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19/Australia/VIC11167/2020|2020-08-04|EPI_ISL_562611|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19/Australia/VIC11425/2020|2020-08-24|EPI_ISL_562612|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19/Australia/VIC11435/2020|2020-08-29|EPI_ISL_562613|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19/Australia/VIC11439/2020|2020-08-22|EPI_ISL_562614|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19/Australia/VIC12465/2020|2020-09-13|EPI_ISL_562615|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19/Australia/VIC13173/2020|2020-08-15|EPI_ISL_562617|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19/Australia/VIC13621/2020|2020-08-02|EPI_ISL_562618|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19/Australia/VIC13645/2020|2020-08-03|EPI_ISL_562619|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19/Australia/VIC13664/2020|2020-09-14|EPI_ISL_562620|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19/Australia/VIC13772/2020|2020-08-18|EPI_ISL_562621|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19/Australia/VIC14039/2020|2020-09-17|EPI_ISL_562622|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19/Australia/VIC7919/2020|2020-08-16|EPI_ISL_562623|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19/Australia/VIC8076/2020|2020-08-18|EPI_ISL_562624|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19/Australia/VIC8295/2020|2020-08-14|EPI_ISL_562626|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19/Australia/VIC8482/2020|2020-08-17|EPI_ISL_562627|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19/Australia/VIC9130/2020|2020-08-19|EPI_ISL_562629|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19/Australia/VIC9282/2020|2020-00-00|EPI_ISL_562630|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike| hCoV-19/Australia/VIC9316/2020| 2020-08-19| EPI_ISL_562632| Original| hCoV-19| Victoria| Human| Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)| MDU-PHL| Schultz| Australia
> Spike| hCoV-19/Australia/VIC9325/2020| 2020-08-21| EPI_ISL_562633| Original| hCoV-19| Victoria| Human| Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)| MDU-PHL| Schultz| Australia
> Spike| hCoV-19/Australia/VIC9442/2020| 2020-08-18| EPI_ISL_562634| Original| hCoV-19| Victoria| Human| Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)| MDU-PHL| Schultz| Australia
> Spike| hCoV-19/Australia/VIC9994/2020| 2020-08-24| EPI_ISL_562636| Original| hCoV-19| Victoria| Human| Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)| MDU-PHL| Schultz| Australia
> Spike| hCoV-19/USA/MI-MDHHS-SC21811/2020| 2020-07-21| EPI_ISL_565854| Original| hCoV-19| Michigan| Human| Michigan Department of Health and Human Services| Michigan Department of Health and Human Services| Blankenship| USA
> Spike| hCoV-19/USA/MI-MDHHS-SC21823/2020| 2020-03-14| EPI_ISL_565866| Original| hCoV-19| Michigan| Human| Michigan Department of Health and Human Services| Michigan Department of Health and Human Services| Blankenship| USA
> Spike| hCoV-19/Spain/AN-IBV-98001933/2020| 2020-03-12| EPI_ISL_565908| Original| hCoV-19| Andalusia| Human| Servicio de Microbiologia| M\u00eda. HRU de M\u00eda. Hospit\u00e1laga. Servicio Andaluz de Salud| Se\u00e7\u00f3COVID-SPAIN consortium| IBV (CSIC)| Comas| Spain
> Spike| hCoV-19/Spain/AN-IBV-98001945/2020| 2020-03-13| EPI_ISL_565909| Original| hCoV-19| Andalusia| Human| Servicio de Microbiologia| M\u00eda. HRU de M\u00eda. Hospit\u00e1laga. Servicio Andaluz de Salud| Se\u00e7\u00f3COVID-SPAIN consortium| IBV (CSIC)| Comas| Spain
> Spike| hCoV-19/Spain/AN-IBV-98001966/2020| 2020-03-14| EPI_ISL_565911| Original| hCoV-19| Andalusia| Human| Servicio de Microbiologia| M\u00eda. HRU de M\u00eda. Hospit\u00e1laga. Servicio Andaluz de Salud| Se\u00e7\u00f3COVID-SPAIN consortium| IBV (CSIC)| Comas| Spain
> Spike| hCoV-19/Spain/AN-IBV-98001999/2020| 2020-03-16| EPI_ISL_565914| Original| hCoV-19| Andalusia| Human| Servicio de Microbiologia| M\u00eda. HRU de M\u00eda. Hospit\u00e1laga. Servicio Andaluz de Salud| Se\u00e7\u00f3COVID-SPAIN consortium| IBV (CSIC)| Comas| Spain
> Spike| hCoV-19/Spain/AN-IBV-98002007/2020| 2020-03-14| EPI_ISL_565915| Original| hCoV-19| Andalusia| Human| Servicio de Microbiologia| M\u00eda. HRU de M\u00eda. Hospit\u00e1laga. Servicio Andaluz de Salud| Se\u00e7\u00f3COVID-SPAIN consortium| IBV (CSIC)| Comas| Spain
> Spike| hCoV-19/Spain/AN-IBV-98002013/2020| 2020-03-15| EPI_ISL_565917| Original| hCoV-19| Andalusia| Human| Servicio de Microbiologia| M\u00eda. HRU de M\u00eda. Hospit\u00e1laga. Servicio Andaluz de Salud| Se\u00e7\u00f3COVID-SPAIN consortium| IBV (CSIC)| Comas| Spain
> Spike| hCoV-19/Spain/AN-IBV-98002035/2020| 2020-03-17| EPI_ISL_565919| Original| hCoV-19| Andalusia| Human| Servicio de Microbiologia| M\u00eda. HRU de M\u00eda. Hospit\u00e1laga. Servicio Andaluz de Salud| Se\u00e7\u00f3COVID-SPAIN consortium| IBV (CSIC)| Comas| Spain
> Spike| hCoV-19/Spain/AN-IBV-98005136/2020| 2020-06-12| EPI_ISL_565920| Original| hCoV-19| Basque Country| Human| Servicio de Microbiologia| M\u00eda. HRU de M\u00eda. Hospit\u00e1laga. Servicio Andaluz de Salud| Se\u00e7\u00f3COVID-SPAIN consortium| IBV (CSIC)| Comas| Spain
> Spike| hCoV-19/Spain/AN-IBV-98005142/2020| 2020-06-17| EPI_ISL_565922| Original| hCoV-19| Basque Country| Human| Servicio de Microbiologia| M\u00eda. HRU de M\u00eda. Hospit\u00e1laga. Servicio Andaluz de Salud| Se\u00e7\u00f3COVID-SPAIN consortium| IBV (CSIC)| Comas| Spain
> Spike| hCoV-19/Spain/AN-IBV-98005146/2020| 2020-06-19| EPI_ISL_565923| Original| hCoV-19| Basque Country| Human| Servicio de Microbiologia| M\u00eda. HRU de M\u00eda. Hospit\u00e1laga. Servicio Andaluz de Salud| Se\u00e7\u00f3COVID-SPAIN consortium| IBV (CSIC)| Comas| Spain
> Spike| hCoV-19/Spain/AN-IBV-98005160/2020| 2020-06-23| EPI_ISL_565924| Original| hCoV-19| Basque Country| Human| Servicio de Microbiologia| M\u00eda. HRU de M\u00eda. Hospit\u00e1laga. Servicio Andaluz de Salud| Se\u00e7\u00f3COVID-SPAIN consortium| IBV (CSIC)| Comas| Spain
> Spike| hCoV-19/Spain/AN-IBV-98005164/2020| 2020-06-24| EPI_ISL_565925| Original| hCoV-19| Basque Country| Human| Servicio de Microbiologia| M\u00eda. HRU de M\u00eda. Hospit\u00e1laga. Servicio Andaluz de Salud| Se\u00e7\u00f3COVID-SPAIN consortium| IBV (CSIC)| Comas| Spain
Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SegCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
>Spike|hCoV-19^Spain/CB-IBV-98007071/2020|2020-09-03|EPI_ISL_582096|Original|hCoV-19^Cantabria|Human|Hospital Universitario Marqués de Valdecilla - IDIVAL (Santander)\SegCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
>Spike|hCoV-19^Portugal/PT0954/2020|2020-04-17|EPI_ISL_582515|Original|hCoV-19^Portugal|Human|unknown|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal
>Spike|hCoV-19^Portugal/PT1295/2020|2020-03-24|EPI_ISL_582522|Original|hCoV-19^Portugal|Human|unknown|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal
>Spike|hCoV-19^USA/CA-CZB-6941/2020|2020-08-26|EPI_ISL_582893|Original|hCoV-19^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA
>Spike|hCoV-19^USA/CA-CZB-5670/2020|2020-07-28|EPI_ISL_583216|Original|hCoV-19^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA
>Spike|hCoV-19^USA/NY-MSK-4C/2020|2020-05-06|EPI_ISL_583440|Original|hCoV-19^New York|Human|Memorial Sloan Kettering Cancer Center|van Bakel Laboratory|van Bakel|USA
>Spike|hCoV-19^Italy/LOM-UniMI-ICCS1/2020|2020-03-21|EPI_ISL_584048|Vero|hCoV-19^Lombardy|Human|Laboratory of Molecular Virology|Laboratory of Molecular Virology|Delbue|Italy
>Spike|hCoV-19^Italy/LOM-UniMI-ICCS2/2020|2020-03-24|EPI_ISL_584049|Vero|hCoV-19^Lombardy|Human|Laboratory of Molecular Virology|Laboratory of Molecular Virology|Delbue|Italy
>Spike|hCoV-19^Italy/LOM-UniMI-vir1/2020|2020-04-05|EPI_ISL_584051|Vero|hCoV-19^Lombardy|Human|Laboratory of Molecular Virology|Laboratory of Molecular Virology|Delbue|Italy
>Spike|hCoV-19^Italy/LOM-UniMI-ICCS3/2020|2020-04-05|EPI_ISL_584052|Vero|hCoV-19^Lombardy|Human|Laboratory of Molecular Virology|Laboratory of Molecular Virology|Delbue|Italy
>Spike|hCoV-19^USA/MI-UM-10035769699/2020|2020-09-02|EPI_ISL_584096|Original|hCoV-19^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>Spike|hCoV-19^USA/MI-UM-10035905827/2020|2020-09-11|EPI_ISL_584097|Original|hCoV-19^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>Spike|hCoV-19^England/QEH-A02ACA/2020|2020-10-01|EPI_ISL_584945|Original|hCoV-19^England|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19^England/QEH-A0C3D4/2020|2020-10-01|EPI_ISL_584970|Original|hCoV-19^England|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19^England/QEH-A0C44A/2020|2020-10-03|EPI_ISL_584976|Original|hCoV-19^England|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19^Scotland/QEH-A0CA66/2020|2020-10-03|EPI_ISL_585612|Original|hCoV-19^Scotland|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19^Wales/PHWC-16E193/2020|2020-09-28|EPI_ISL_585678|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19^Wales/PHWC-16E8AD/2020|2020-10-01|EPI_ISL_585783|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19^Wales/PHWC-16F2DB/2020|2020-10-05|EPI_ISL_585943|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Wales/PHWC-47E2F4/2020|2020-10-02|EPI_ISL_595436|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Wales/PHWC-47EBDB/2020|2020-10-07|EPI_ISL_595566|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Scotland/QEUH-9F70C7/2020|2020-09-27|EPI_ISL_595660|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
Spike|hCoV-19/Scotland/QEUH-A31039/2020|2020-10-05|EPI_ISL_595855|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
> Spike|hCoV-19/Scotland/QEUH-A31321/2020|2020-10-05|EPI_ISL_595879|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
> Spike|hCoV-19/Scotland/QEUH-A3138B/2020|2020-10-05|EPI_ISL_595882|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
> Spike|hCoV-19/Scotland/QEUH-A4CA6A/2020|2020-10-05|EPI_ISL_596012|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
> Spike|hCoV-19/Scotland/QEUH-A638DC/2020|2020-10-09|EPI_ISL_596160|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
> Spike|hCoV-19/Scotland/QEUH-A639BB/2020|2020-10-09|EPI_ISL_596174|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
> Spike|hCoV-19/Russia/SPE-RII-34613S/2020|2020-09-17|EPI_ISL_596236|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia
> Spike|hCoV-19/Russia/SPE-RII-35598S/2020|2020-09-28|EPI_ISL_596249|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia
> Spike|hCoV-19/Russia/SPE-RII-MH1049S/2020|2020-09-06|EPI_ISL_596256|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia
> Spike|hCoV-19/Russia/SPE-RII-MH1061S/2020|2020-09-06|EPI_ISL_596261|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia
> Spike|hCoV-19/Russia/SPE-RII-MH1512S/2020|2020-09-11|EPI_ISL_596285|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia
> Spike|hCoV-19/Russia/SPE-RII-MH1515S/2020|2020-09-11|EPI_ISL_596286|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia
> Spike|hCoV-19/Russia/SPE-RII-MH1633S/2020|2020-09-12|EPI_ISL_596303|Original|hCoV-19^^Sverdlovsk|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia
> Spike|hCoV-19/Russia/SPE-RII-MH977S/2020|2020-09-04|EPI_ISL_596369|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia
> Spike|hCoV-19/Russia/SPE-RII-MH981S/2020|2020-09-04|EPI_ISL_596370|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia
> Spike|hCoV-19/Russia/SPE-RII-MH982S/2020|2020-09-04|EPI_ISL_596371|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia
> Spike|hCoV-19/Palestine/35/2020|2020-03-04|EPI_ISL_596568|Original|hCoV-19^^Tulkarem|Human|Palestinian Ministry of Health|Molecular Genetics Lab|van Dorp|Palestine
>Spike|hCoV-19|Russia/SVE-RII-MH1691S/2020|2020-09-13|EPI_ISL_602342|Original|hCoV-19^^Sverdlovsk|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Spike|hCoV-19|Russia/PER-RII-MH1951S/2020|2020-09-16|EPI_ISL_602376|Original|hCoV-19^^Perm|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Spike|hCoV-19|Russia/KLU-RII-MH2795S/2020|2020-09-16|EPI_ISL_602457|Original|hCoV-19^^Kaluga|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Spike|hCoV-19|Russia/KEM-RII-MH2796S/2020|2020-09-25|EPI_ISL_602458|Original|hCoV-19^^Kemerovo|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Spike|hCoV-19|Russia/MOS-RII-MH2797S/2020|2020-09-20|EPI_ISL_602459|Original|hCoV-19^^Moscow Region|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Spike|hCoV-19|USA/WA-UW-251/2020|2020-03-09|EPI_ISL_603260|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19|USA/UT-QDX-1804/2020|2020-03-14|EPI_ISL_604131|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19|USA/NY-QDX-2237/2020|2020-03-15|EPI_ISL_604571|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19|USA/TX-QDX-2554/2020|2020-03-14|EPI_ISL_604843|Original|hCoV-19^^Texas|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19|USA/CA-QDX-2615/2020|2020-03-15|EPI_ISL_604895|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19|USA/UT-QDX-2589/2020|2020-03-14|EPI_ISL_604965|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19|USA/PR-B2CY/2020|2020-08-02|EPI_ISL_605147|Original|hCoV-19^^Puerto Rico|Human|University of Miami Immunology and Histocompatibility Laboratory|University of Miami Immunology and Histocompatibility Laboratory|Margolles-Clark|USA
>Spike|hCoV-19|India/DL-ILBS-279M/2020|2020-05-01|EPI_ISL_605799|Original|hCoV-19^^Delhi|Human|Clinical Virology Laboratory|ILBS - IGIB|Rooge|India
>Spike|hCoV-19|India/DL-ILBS-9070D/2020|2020-05-01|EPI_ISL_605802|Original|hCoV-19^^Delhi|Human|Clinical Virology Laboratory|ILBS - IGIB|Rooge|India
>Spike|hCoV-19|England/ALDP-A870BC/2020|2020-10-17|EPI_ISL_605991|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/ALDP-A87289/2020|2020-10-17|EPI_ISL_606097|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/MILK-A7AE58/2020|2020-10-16|EPI_ISL_606311|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/MILK-A7AB06/2020|2020-10-15|EPI_ISL_606314|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/MILK-A7DB03/2020|2020-10-13|EPI_ISL_606353|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/MILK-A7AE0D/2020|2020-10-16|EPI_ISL_606462|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/MILK-A7AE1C/2020|2020-10-16|EPI_ISL_606797|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/ALDP-A6E6E6/2020|2020-10-15|EPI_ISL_606960|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-48510C/2020|2020-10-21|EPI_ISL_628148|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/Wales/PHWC-485245/2020|2020-10-25|EPI_ISL_628160|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/Wales/PHWC-485324/2020|2020-10-23|EPI ISL 628169|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/Wales/PHWC-48533C/2020|2020-10-19|EPI ISL 628176|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/Wales/PHWC-48546D/2020|2020-10-21|EPI ISL 628184|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/Wales/PHWC-485667/2020|2020-10-22|EPI ISL 628203|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/Wales/PHWC-4857CE/2020|2020-10-22|EPI ISL 628220|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/Wales/PHWC-4857DD/2020|2020-10-22|EPI ISL 628221|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/Wales/PHWC-485861/2020|2020-10-20|EPI ISL 628228|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/Wales/PHWC-4858AD/2020|2020-10-23|EPI ISL 628231|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/Wales/PHWC-4858CB/2020|2020-10-25|EPI ISL 628232|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/Wales/PHWC-4858DA/2020|2020-10-25|EPI ISL 628233|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/Wales/PHWC-4859B/2020|2020-10-20|EPI ISL 628238|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/Wales/PHWC-485BA4/2020|2020-10-26|EPI ISL 628260|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/Scotland/CVR93/2020|2020-03-14|EPI ISL 629000|Original|hCoV-19|Scotland|Human|West of Scotland Specialist Virology Centre|MRC-University of Glasgow Centre for Virus Research|Robertson|United Kingdom

> Spike|hCoV-19/USA/MD-MDH-0284/2020|2020-10-12|EPI ISL 629064|Original|hCoV-19|Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

> Spike|hCoV-19/France/ARA-SC078/2020|2020-04-30|EPI ISL 629108|Original|hCoV-19|Auvergne-Rh\u00f4n-Alpes|Human|Laboratoire du Centre Hospitalier Annecy Genevois|CR National Council for the Prevention of Infections Respiratory - France SUD|Bar|France

> Spike|hCoV-19/England/MLK-ACBF19/2020|2020-10-19|EPI ISL 629181|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/England/MLK-ACBCB8/2020|2020-10-20|EPI ISL 629409|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/England/MLK-ACE6C6/2020|2020-10-21|EPI ISL 629490|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QUEUH-AE1F2C/2020|2020-10-27|EPI ISL_633653|Original|hCoV-
19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spikê|hCoV-19/England/QUEUH-AD1138/2020|2020-10-27|EPI ISL_633760|Original|hCoV-
19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spikê|hCoV-19/England/QUEUH-AD5978/2020|2020-10-24|EPI ISL_633799|Original|hCoV-
19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spikê|hCoV-19/England/MILK-ACD5CA/2020|2020-10-21|EPI ISL_634428|Original|hCoV-
19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spikê|hCoV-19/South Africa/KRISP-K003990/2020|2020-09-
25|EPI ISL_634978|Original|hCoV-19^^KwaZulu-Natal|Human|National Health Laboratory
Service - Inkosi Albert Luthuli Central Hospital (NHLS-TALCH)|KRISP|de Oliveira|South
Africa
>Spikê|hCoV-19/South Africa/KRISP-K004015/2020|2020-10-
12|EPI ISL_635000|Original|hCoV-19^^KwaZulu-Natal|Human|National Health Laboratory
Service - Inkosi Albert Luthuli Central Hospital (NHLS-TALCH)|KRISP|de Oliveira|South
Africa
>Spikê|hCoV-19/South Africa/KRISP-K004056/2020|2020-10-
20|EPI ISL_635035|Original|hCoV-19^^KwaZulu-Natal|Human|National Health Laboratory
Service - Inkosi Albert Luthuli Central Hospital (NHLS-TALCH)|KRISP|de Oliveira|South
Africa
>Spikê|hCoV-19/South Africa/KRISP-K004057/2020|2020-10-
18|EPI ISL_635036|Original|hCoV-19^^KwaZulu-Natal|Human|National Health Laboratory
Service - Inkosi Albert Luthuli Central Hospital (NHLS-TALCH)|KRISP|de Oliveira|South
Africa
>Spikê|hCoV-19/Tunisia/55439/2020|2020-11-02|EPI ISL_635062|Original|hCoV-
19^^Tunis|Human|1-Laboratory of Microbiology|1-Clinical and Experimental Pharmacology
Lab|Boutiba-Ben Boubaker|Tunisia
>Spikê|hCoV-19/Tunisia/55439/2020|2020-11-02|EPI ISL_635062|Original|hCoV-
19^^Tunis|Human|1-Laboratory of Microbiology|1-Clinical and Experimental Pharmacology
Lab|Boutiba-Ben Boubaker|Tunisia
>Spikê|hCoV-19/Slovenia/8246/2020|2020-03-16|EPI ISL_635249|Original|hCoV-
19^^Slovenia|Human|Institute of Microbiology and Immunology|Institute of Microbiology
and Immunology|Zakotnik|Slovenia
>Spikê|hCoV-19/Slovenia/VO-571/2020|2020-03-27|EPI ISL_635293|Original|hCoV-
19^^Slovenia|Human|Institute of Microbiology and Immunology|Institute of Microbiology
and Immunology|Zakotnik|Slovenia
>Spikê|hCoV-19/USA/CA-ALSR-2050/2020|2020-05-11|EPI ISL_635317|Original|hCoV-
19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at
Scripps Research|Gangavarapu|USA
>Spikê|hCoV-19/USA/CA-ALSR-2051/2020|2020-05-11|EPI ISL_635318|Original|hCoV-
19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at
Scripps Research|Gangavarapu|USA
>Spikê|hCoV-19/USA/CA-ALSR-2053/2020|2020-05-07|EPI ISL_635320|Original|hCoV-
19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at
Scripps Research|Gangavarapu|USA
>Spikê|hCoV-19/Mexico/BCN-ALSR-2448/2020|2020-05-14|EPI ISL_635482|Original|hCoV-
19^^Baja California|Human|Centro de Diagnostico|u221a\u2265stico COVID-19 UABC
Tijuana|Andersen lab at Scripps Research|Gangavarapu|Mexico
>Spikê|hCoV-19/Mexico/BCN-ALSR-2547/2020|2020-06-29|EPI ISL_635550|Original|hCoV-
19^^Baja California|Human|Centro de Diagnostico|u221a\u2265stico COVID-19 UABC
Tijuana|Andersen lab at Scripps Research|Gangavarapu|Mexico
\textit{Spike|hCoV-19/Australia/VIC11730/2020|2020-08-14|EPI_ISL_641196|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia}

\textit{Spike|hCoV-19/England/QEUH-B0F3B2/2020|2020-11-02|EPI_ISL_641940|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom}

\textit{Spike|hCoV-19/England/QEUH-B0DACE/2020|2020-11-02|EPI_ISL_641995|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom}

\textit{Spike|hCoV-19/England/QEUH-B0FBA/2020|2020-11-02|EPI_ISL_642077|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom}

\textit{Spike|hCoV-19/England/QEUH-B11B3D/2020|2020-11-02|EPI_ISL_642213|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom}

\textit{Spike|hCoV-19/England/QEUH-B1172A/2020|2020-11-02|EPI_ISL_642267|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom}

\textit{Spike|hCoV-19/England/QEUH-B10C2C/2020|2020-11-02|EPI_ISL_642673|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom}

\textit{Spike|hCoV-19/England/CAMC-B080EF/2020|2020-10-29|EPI_ISL_643375|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom}

\textit{Spike|hCoV-19/England/CAMC-B07E13/2020|2020-10-29|EPI_ISL_643572|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom}

\textit{Spike|hCoV-19/England/CAMC-B07639/2020|2020-10-30|EPI_ISL_643892|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom}

\textit{Spike|hCoV-19/England/CAMC-B37409/2020|2020-11-05|EPI_ISL_645434|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom}

\textit{Spike|hCoV-19/England/CAMC-B3667D/2020|2020-11-05|EPI_ISL_645365|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom}

\textit{Spike|hCoV-19/England/CAMC-B07639/2020|2020-10-30|EPI_ISL_643892|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom}

\textit{Spike|hCoV-19/England/QEUH-B11B3D/2020|2020-11-02|EPI_ISL_642213|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom}

\textit{Spike|hCoV-19/England/ALDP-B1B939/2020|2020-11-01|EPI_ISL_645601|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom}

\textit{Spike|hCoV-19/England/ALDP-B07639/2020|2020-11-04|EPI_ISL_646411|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom}

\textit{Spike|hCoV-19/England/QEUH-B0F3B2/2020|2020-11-02|EPI_ISL_641940|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom}

\textit{Spike|hCoV-19/England/ALDP-B24575/2020|2020-11-04|EPI_ISL_647044|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom}

\textit{Spike|hCoV-19/England/ALDP-B244A5/2020|2020-11-04|EPI_ISL_647049|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom}

\textit{Spike|hCoV-19/England/QEUH-B2ED91/2020|2020-11-03|EPI_ISL_647053|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom}
| accession | country     | organization                      | lab/index               | institution or group                              |
|-----------|-------------|------------------------------------|-------------------------|--------------------------------------------------|
| EPI_ISL_647255 | Wales | Human | Lighthouse Lab in Cambridge | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| EPI_ISL_647289 | Wales | Human | Lighthouse Lab in Cambridge | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| EPI_ISL_647419 | Wales | Human | Lighthouse Lab in Cambridge | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| EPI_ISL_648370 | Guinea | Human | Bioko Norte | Laboratorio de Investigaciones de Baney | University Hospital Basal | Hosch | Equatorial Guinea |
| EPI_ISL_648940 | USA | CA-ALSR | 4288 | Lighthouse Lab in Cambridge | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| EPI_ISL_649163 | England | Human | Bioko Norte | Laboratorio de Investigaciones de Baney | University Hospital Basal | Hosch | Equatorial Guinea |
| EPI_ISL_649541 | France | Auvergne-Rhône-Alpes | CHU de Saint-Etienne | Virus des Infections Respiratoires - France SUD | Bal | France |
| EPI_ISL_650459 | UK |Norw | F7CAE | Quadram Institute Bioscience | COVID-19 Genomics UK (COG-UK) Consortium | Alikhan | United Kingdom |
| EPI_ISL_650468 | England | Human | Quadram Institute Bioscience | COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| EPI_ISL_650686 | England | Human | Quadram Institute Bioscience | COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| EPI_ISL_650722 | England | Human | Quadram Institute Bioscience | COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| EPI_ISL_651326 | England | Human | Quadram Institute Bioscience | COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| EPI_ISL_652235 | Wales | Human | Quadram Institute Bioscience | COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| EPI_ISL_652350 | England | Human | Quadram Institute Bioscience | COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| EPI_ISL_652553 | Wales | Human | Wales Specialist Virology Centre Sequencing lab | COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| EPI_ISL_652557 | Wales | Human | Wales Specialist Virology Centre Sequencing lab | COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
>Spike|hCoV-19/Wales/QEUH-AF63DD/2020|2020-10-29|EPI_ISL_653058|Original|hCoV-19^^Wales|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England|MD-IBV-99008789/2020|2020-09-21|EPI_ISL_652851|Original|hCoV-19|England|Human|General Hospital Universitario Gregorio Mara|u00f1|u00f3n|u00eda|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England|MD-IBV-99008721/2020|2020-12-16|EPI_ISL_564277|Original|hCoV-19|England|Human|General Hospital Universitario Gregorio Mara|u00f1|u00f3n|u00eda|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Sweden/2020|2020-10-16|EPI_ISL_652851|Original|hCoV-19|Sweden|Human|Skovde/Unilabs|The Public Health Agency of Sweden|The Public Health Agency of Sweden|The Public Health Agency of Sweden|The Public Health Agency of Sweden|Sweden|Svartstr|u00f6m|Sweden

>Spike|hCoV-19/Spain/MD-IBV-99009629/2020|2020-07-29|EPI_ISL_656338|Original|hCoV-19|Spain|Human|Hospital General Universitario Gregorio Mara|u00f1|u00f3n|u00eda|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Spain/AR-IBV-98008038/2020|2020-09-29|EPI_ISL_654441|Original|hCoV-19|Spain|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Spain/AR-IBV-98008039/2020|2020-09-29|EPI_ISL_654442|Original|hCoV-19|Spain|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Spain/AR-IBV-98008041/2020|2020-09-29|EPI_ISL_654443|Original|hCoV-19|Spain|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Sweden/20-23680/2020|2020-10-05|EPI_ISL_654508|Original|hCoV-19|Sweden|Human|The Public Health Agency of Sweden|The Public Health Agency of Sweden|The Public Health Agency of Sweden|Sweden|Svartstr|u00f6m|Sweden

>Spike|hCoV-19/England/ALDP-B5988/2020|2020-11-08|EPI_ISL_655379|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5AEE4/2020|2020-11-09|EPI_ISL_655586|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5C85D/2020|2020-11-10|EPI_ISL_655717|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B560A3/2020|2020-11-10|EPI_ISL_655828|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B4604F/2020|2020-11-07|EPI_ISL_656073|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B542C0/2020|2020-11-08|EPI_ISL_656767|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B408F2/2020|2020-11-08|EPI_ISL_657202|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/QEHU-7498B/2020|2020-10-30|EPI_ISL_676484|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-53532/2020|2020-11-10|EPI_ISL_676505|Original|hCoV-19^Sweden|Virology|Foster|Australia

>Spike|hCoV-19/USA/VA-DCLS-2031/2020|2020-10-14|EPI_ISL_677175|Original|hCoV-19^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA

>Spike|hCoV-19/USA/WI-UW-2134/2020|2020-10-12|EPI_ISL_677662|Original|hCoV-19^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/NY-Wadsworth-17311-01/2020|2020-03-16|EPI_ISL_677664|Original|hCoV-19^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/NY-Wadsworth-210205-01/2020|2020-09-02|EPI_ISL_677670|Original|hCoV-19^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Saudi Arabia/KAUST-MADINAH1101/2020|2020-06-13|EPI-ISL_677972|Original|hCoV-19^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Saudi Arabia/KAUST-MADINAH669/2020|2020-04-01|EPI-ISL_677973|Original|hCoV-19^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Saudi Arabia/KAUST-MAKKAH149/2020|2020-03-24|EPI-ISL_678057|Original|hCoV-19^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Saudi Arabia/KAUST-MAKKAH1413/2020|2020-06-28|EPI-ISL_678070|Original|hCoV-19^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Saudi Arabia/KAUST-MAKKAH149/2020|2020-03-24|EPI-ISL_678072|Original|hCoV-19^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Saudi Arabia/KAUST-MAKKAH1596/2020|2020-04-13|EPI-ISL_678121|Original|hCoV-19^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Saudi Arabia/KAUST-MAKKAH1621/2020|2020-04-26|EPI-ISL_678128|Original|hCoV-19^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Saudi Arabia/KAUST-RIYADH1162/2020|2020-06-05|EPI-ISL_678188|Original|hCoV-19^Riyadh|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Australia/NSW2099/2020|2020-03-21|EPI-ISL_678297|Original|hCoV-19^New South Wales|Human|Area of Virology|Virology Research Laboratory; Area of Virology|Foster|Australia

>Spike|hCoV-19/Australia/NSW2110/2020|2020-03-22|EPI-ISL_678299|Original|hCoV-19^New South Wales|Human|Area of Virology|Virology Research Laboratory; Area of Virology|Foster|Australia

>Spike|hCoV-19/Australia/NSW2799/2020|2020-10-03|EPI-ISL_678349|Original|hCoV-19^New South Wales|Human|Area of Virology|Virology Research Laboratory; Area of Virology|Foster|Australia

>Spike|hCoV-19/Australia/NSW2110/2020|2020-03-22|EPI-ISL_678349|Original|hCoV-19^New South Wales|Human|Area of Virology|Virology Research Laboratory; Area of Virology|Foster|Australia
Spike|hCoV-19|Wales/PHWC-490D28/2020|2020-11-16|EPI_ISL_706564|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19|Wales/PHWC-490D55/2020|2020-11-16|EPI_ISL_706567|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19|Wales/PHWC-490DA0/2020|2020-11-16|EPI_ISL_706570|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19|Wales/PHWC-490F13/2020|2020-11-16|EPI_ISL_706586|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19|Wales/PHWC-491413/2020|2020-11-18|EPI_ISL_706653|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19|Wales/PHWC-49164A/2020|2020-10-28|EPI_ISL_706674|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19|Wales/PHWC-4919E7/2020|2020-11-10|EPI_ISL_706724|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19|England/204961132/2020|2020-12-03|EPI_ISL_707703|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
Spike|hCoV-19|USA/CA-LACPHL-AE00002/2020|2020-06-08|EPI_ISL_707927|Original|hCoV-19^^California|Human|Los Angeles County Public Health Laboratory|Los Angeles County Public Health Laboratory|Hemarajata|USA
Spike|hCoV-19|Norway/5542/2020|2020-11-07|EPI_ISL_708199|Original|hCoV-19^^Viken|Human|Medical Microbiology Unit|Norwegian Institute of Public Health|Kopperud Riis|Norway
Spike|hCoV-19|USA/DE-DHSS-F1009555/2020|2020-10-03|EPI_ISL_708409|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA
Spike|hCoV-19|USA/DE-DHSS-F1009616/2020|2020-10-06|EPI_ISL_708419|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA
Spike|hCoV-19|USA/DE-DHSS-F994288/2020|2020-09-15|EPI_ISL_708433|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA
Spike|hCoV-19|USA/DE-DHSS-F1001769/2020|2020-09-10|EPI_ISL_708434|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA
Spike|hCoV-19|Belgium/ULG-10969/2020|2020-09-08|EPI_ISL_708454|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
Spike|hCoV-19|England/QEUH-BEB05B/2020|2020-12-02|EPI_ISL_708921|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|England/QEUH-BFD04D/2020|2020-12-03|EPI_ISL_709098|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|England/QEUH-C145A4/2020|2020-12-06|EPI_ISL_709366|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|England/QEUH-C1453B/2020|2020-12-06|EPI_ISL_709541|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|USA/MI-UM-10036767604/2020|2020-11-03|EPI_ISL_710037|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
Spike|hCoV-19|USA/MD-MDH-0479/2020|2020-11-12|EPI_ISL_710094|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA
> Spike|hCoV-19/Wales/PHWC-492BD1/2020|2020-11-27|EPI_ISL_725761|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Wales/PHWC-492F02/2020|2020-11-28|EPI_ISL_725807|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Wales/PHWC-492F5D/2020|2020-11-28|EPI ISL 725812|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Wales/PHWC-493578/2020|2020-11-29|EPI_ISL_725906|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Wales/PHWC-49396D/2020|2020-11-30|EPI_ISL_725961|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Wales/PHWC-493A3D/2020|2020-11-30|EPI ISL 725974|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Wales/PHWC-493A4C/2020|2020-11-30|EPI_ISL_725975|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Wales/PHWC-493B2B/2020|2020-11-10|EPI_ISL_725987|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Wales/PHWC-493B85/2020|2020-11-13|EPI ISL 725991|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Wales/PHWC-493C64/2020|2020-11-19|EPI_ISL_726004|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Wales/PHWC-493D25/2020|2020-11-19|EPI_ISL_726016|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Wales/PHWC-493D9E/2020|2020-11-20|EPI ISL 726023|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Wales/PHWC-493E6E/2020|2020-11-08|EPI_ISL_726034|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Wales/PHWC-493FD4/2020|2020-11-12|EPI_ISL_726051|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Wales/PHWC-494085/2020|2020-11-15|EPI ISL 726062|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Wales/PHWC-49410A/2020|2020-11-16|EPI_ISL_726069|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Wales/PHWC-49428F/2020|2020-11-17|EPI_ISL_726092|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Wales/PHWC-4943D7/2020|2020-11-19|EPI ISL 726109|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Wales/PHWC-49450E/2020|2020-11-19|EPI_ISL_726128|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Wales/PHWC-494586/2020|2020-11-20|EPI_ISL_726135|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Kingdom 19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike| hCoV-19^Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom

> Spike| hCoV-19^Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom

> Spike| hCoV-19^Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom

> Spike| hCoV-19^Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom

> Spike| hCoV-19^Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom

> Spike| hCoV-19^Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom

> Spike| hCoV-19^Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom

> Spike| hCoV-19^Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom

> Spike| hCoV-19^Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom

> Spike| hCoV-19^Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom

> Spike| hCoV-19^Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom

> Spike| hCoV-19^Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom

> Spike| hCoV-19^Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom

> Spike| hCoV-19^Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom

> Spike| hCoV-19^Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom

> Spike| hCoV-19^Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom

> Spike| hCoV-19^Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom

> Spike| hCoV-19^Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom

> Spike| hCoV-19^Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom

> Spike| hCoV-19^Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom

> Spike| hCoV-19^Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom

> Spike| hCoV-19^Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom

> Spike| hCoV-19^Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom

> Spike| hCoV-19^Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom

> Spike| hCoV-19^Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom

> Spike| hCoV-19^Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom

> Spike| hCoV-19^Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom

> Spike| hCoV-19^Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom

> Spike| hCoV-19^Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom

> Spike| hCoV-19^Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom

> Spike| hCoV-19^Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom
Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal
>Spike|hCoV-19/Ireland/LH-NVRL-20ILR08015/2020|2020-11-10|EPI_ISL_732415|Original|hCoV-19^^Louther|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland
>Spike|hCoV-19/Germany/BY-IMB06496/2020|2020-05-26|EPI_ISL_732533|Original|hCoV-19^^Bavaria|Human|Bundeswehr Institute of Microbiology|Bundeswehr Institute of Microbiology|Antwerpen|Germany
>Spike|hCoV-19/Thailand/SamutSakhon-CONI-0344/2020|2020-12-19|EPI_ISL_733538|Original|hCoV-19^^Samut Sakhon|Human|Institute for Urban Disease Control and Prevention|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand
>Spike|hCoV-19/England/ALDP-C23162/2020|2020-12-06|EPI_ISL_733795|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-C33FDE/2020|2020-12-11|EPI_ISL_734016|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/France/BRE-IPP9997/2020|2020-11-05|EPI_ISL_734169|Original|hCoV-19^^Bretagne|Human|CHRU Pontchaillou - Laboratoire de Virologie|National Reference Center for Viruses of Respiratory Infections|Enouf|France
>Spike|hCoV-19/USA/VA-DCLS-2460/2020|2020-11-18|EPI_ISL_734205|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA
>Spike|hCoV-19/USA/VA-DCLS-2225/2020|2020-11-03|EPI_ISL_734209|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA
>Spike|hCoV-19/North Macedonia/ZMC6203/2020|2020-06-05|EPI_ISL_735392|Original|hCoV-19^^Skopje|Human|Laboratory of Genetics and Personalized Medicine|Laboratory of Genetics and Personalized Medicine|Kungulovski|North Macedonia
>Spike|hCoV-19/North Macedonia/ZMC6144/2020|2020-06-05|EPI_ISL_735393|Original|hCoV-19^^Skopje|Human|Laboratory of Genetics and Personalized Medicine|Laboratory of Genetics and Personalized Medicine|Kungulovski|North Macedonia
>Spike|hCoV-19/North Macedonia/ZMC6076/2020|2020-06-05|EPI_ISL_735394|Original|hCoV-19^^Skopje|Human|Laboratory of Genetics and Personalized Medicine|Laboratory of Genetics and Personalized Medicine|Kungulovski|North Macedonia
>Spike|hCoV-19/North Macedonia/ZMC6075/2020|2020-06-05|EPI_ISL_735395|Original|hCoV-19^^Skopje|Human|Laboratory of Genetics and Personalized Medicine|Laboratory of Genetics and Personalized Medicine|Kungulovski|North Macedonia
>Spike|hCoV-19/England/QEUH-C53E17/2020|2020-12-12|EPI_ISL_736301|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-C54177/2020|2020-12-12|EPI_ISL_736352|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-C53E35/2020|2020-12-12|EPI_ISL_736358|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-C487B0/2020|2020-12-12|EPI_ISL_736603|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Italy/CAM-TIGEM-167/2020|2020-10-26|EPI_ISL_736777|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
>Spike|hCoV-19/Italy/CAM-TIGEM-166/2020|2020-10-26|EPI_ISL_736778|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
>Spike|hCoV-19/Italy/CAM-TIGEM-24/2020|2020-10-26|EPI_ISL_736779|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
>Spike|hCoV-19/Italy/CAM-TIGEM-20/2020|2020-10-26|EPI_ISL_736780|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
>Spike|hCoV-19/Italy/CAM-TIGEM-117/2020|2020-10-26|EPI_ISL_736781|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
>Spike|hCoV-19/Italy/CAM-TIGEM-17/2020|2020-10-26|EPI_ISL_736788|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
>Spike|hCoV-19/Italy/CAM-TIGEM-55/2020|2020-10-26|EPI_ISL_736789|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
>Spike|hCoV-19/Italy/CAM-TIGEM-104/2020|2020-10-26|EPI_ISL_736790|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
>Spike|hCoV-19/Italy/CAM-TIGEM-1/2020|2020-10-26|EPI_ISL_736791|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
>Spike|hCoV-19/Italy/CAM-TIGEM-2/2020|2020-10-26|EPI_ISL_736792|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
>Spike|hCoV-19/Italy/CAM-TIGEM-3/2020|2020-10-26|EPI_ISL_736793|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
>Spike|hCoV-19/Italy/CAM-TIGEM-4/2020|2020-10-26|EPI_ISL_736794|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
>Spike|hCoV-19/Italy/CAM-TIGEM-5/2020|2020-10-26|EPI_ISL_736795|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
>Spike|hCoV-19/Italy/CAM-TIGEM-7/2020|2020-10-26|EPI_ISL_736796|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
>Spike|hCoV-19/Italy/CAM-TIGEM-8/2020|2020-10-26|EPI_ISL_736797|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
>Spike|hCoV-19/Italy/CAM-TIGEM-9/2020|2020-10-26|EPI_ISL_736798|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
>Spike|hCoV-19/Italy/CAM-TIGEM-11/2020|2020-10-26|EPI_ISL_736799|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
>Spike|hCoV-19/Italy/CAM-TIGEM-13/2020|2020-10-26|EPI_ISL_736800|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
>Spike|hCoV-19/Italy/CAM-TIGEM-14/2020|2020-10-26|EPI_ISL_736801|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
>Spike|hCoV-19/Italy/CAM-TIGEM-15/2020|2020-10-26|EPI_ISL_736802|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
>Spike|hCoV-19/Italy/CAM-TIGEM-16/2020|2020-10-26|EPI_ISL_736803|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
>Spike|hCoV-19/Italy/CAM-TIGEM-22/2020|2020-10-26|EPI_ISL_736804|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
>Spike|hCoV-19/Italy/CAM-TIGEM-26/2020|2020-10-26|EPI_ISL_736805|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
>Spike|hCoV-19/Italy/CAM-TIGEM-58/2020|2020-10-26|EPI_ISL_736826|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spicke|hCoV-19/Italy/CAM-TIGEM-59/2020|2020-10-26|EPI_ISL_736827|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spicke|hCoV-19/Italy/CAM-TIGEM-60/2020|2020-10-26|EPI_ISL_736828|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spicke|hCoV-19/Italy/CAM-TIGEM-61/2020|2020-10-26|EPI_ISL_736829|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spicke|hCoV-19/Italy/CAM-TIGEM-62/2020|2020-10-26|EPI_ISL_736830|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spicke|hCoV-19/Italy/CAM-TIGEM-63/2020|2020-10-26|EPI_ISL_736831|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spicke|hCoV-19/Italy/CAM-TIGEM-64/2020|2020-10-26|EPI_ISL_736832|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spicke|hCoV-19/Italy/CAM-TIGEM-70/2020|2020-10-26|EPI_ISL_736833|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spicke|hCoV-19/Italy/CAM-TIGEM-71/2020|2020-10-26|EPI_ISL_736834|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spicke|hCoV-19/Italy/CAM-TIGEM-74/2020|2020-10-26|EPI_ISL_736835|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spicke|hCoV-19/Italy/CAM-TIGEM-76/2020|2020-10-26|EPI_ISL_736836|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spicke|hCoV-19/Italy/CAM-TIGEM-80/2020|2020-10-26|EPI_ISL_736837|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spicke|hCoV-19/Italy/CAM-TIGEM-88/2020|2020-10-26|EPI_ISL_736838|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spicke|hCoV-19/Italy/CAM-TIGEM-89/2020|2020-10-26|EPI_ISL_736839|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spicke|hCoV-19/Italy/CAM-TIGEM-94/2020|2020-10-26|EPI_ISL_736840|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spicke|hCoV-19/Italy/CAM-TIGEM-95/2020|2020-10-26|EPI_ISL_736841|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spicke|hCoV-19/Italy/CAM-TIGEM-97/2020|2020-10-26|EPI_ISL_736842|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spicke|hCoV-19/Italy/CAM-TIGEM-99/2020|2020-10-26|EPI_ISL_736843|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spicke|hCoV-19/Italy/CAM-TIGEM-100/2020|2020-10-26|EPI_ISL_736844|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spicke|hCoV-19/Italy/CAM-TIGEM-102/2020|2020-10-26|EPI_ISL_736845|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
£Sp<e>ike|hCoV-19/Wales/PHWC-49D444/2020|2020-12-10|EPI_ISL_742783|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
£Sp<e>ike|hCoV-19/Wales/PHWC-49D8A2/2020|2020-11-30|EPI_ISL_742842|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
£Sp<e>ike|hCoV-19/Wales/PHWC-49D8C0/2020|2020-11-30|EPI_ISL_742844|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
£Sp<e>ike|hCoV-19/Wales/PHWC-49DAD9/2020|2020-12-08|EPI_ISL_742873|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
£Sp<e>ike|hCoV-19/Wales/PHWC-49DD53/2020|2020-12-08|EPI_ISL_742902|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
£Sp<e>ike|hCoV-19/Wales/PHWC-49DF25/2020|2020-12-06|EPI_ISL_742931|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
£Sp<e>ike|hCoV-19/Wales/PHWC-49EA32/2020|2020-12-08|EPI_ISL_743084|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
£Sp<e>ike|hCoV-19/Wales/PHWC-49ED57/2020|2020-12-08|EPI_ISL_743116|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
£Sp<e>ike|hCoV-19/Wales/PHWC-49EF51/2020|2020-12-10|EPI_ISL_743147|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
£Sp<e>ike|hCoV-19/Wales/PHWC-49EFBB/2020|2020-12-10|EPI_ISL_743151|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
£Sp<e>ike|hCoV-19/Wales/PHWC-49F08A/2020|2020-11-29|EPI_ISL_743162|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
£Sp<e>ike|hCoV-19/Wales/PHWC-49F169/2020|2020-12-02|EPI_ISL_743173|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
£Sp<e>ike|hCoV-19/Wales/PHWC-49F2A2/2020|2020-12-07|EPI_ISL_743190|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
£Sp<e>ike|hCoV-19/Wales/PHWC-49F27H/2020|2020-12-07|EPI_ISL_743198|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
£Sp<e>ike|hCoV-19/Wales/PHWC-49F3CD/2020|2020-12-07|EPI_ISL_743208|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
£Sp<e>ike|hCoV-19/Wales/PHWC-49F424/2020|2020-12-07|EPI_ISL_743214|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
£Sp<e>ike|hCoV-19/Wales/PHWC-49F521/2020|2020-12-07|EPI_ISL_743230|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
£Sp<e>ike|hCoV-19/Wales/PHWC-49F54F/2020|2020-12-07|EPI_ISL_743232|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Luxembourg/LNS8249021/2020|2020-11-12|EPI_ISL_744709|Original|hCoV-19|Luxembourg|Human|Laboratoire national de santé|Laboratoire national de santé
> Spike|hCoV-19/Luxembourg/LNS8592787/2020|2020-12-14|EPI_ISL_744769|Original|hCoV-19|Luxembourg|Human|Laboratoire national de santé|Laboratoire national de santé
> Spike|hCoV-19/Luxembourg/LNS9120473/2020|2020-11-21|EPI ISL_744856|Original|hCoV-19|Luxembourg|Human|Laboratoire national de santé|Laboratoire national de santé
> Spike|hCoV-19/Israel/CVL-44950/2020|2020-12-01|EPI ISL_745035|Original|hCoV-19|Northern|Human|Israel Central Virology laboratory|Israel Central Virology laboratory
> Spike|hCoV-19/Israel/CVL-45590/2020|2020-12-08|EPI ISL_745049|Original|hCoV-19|Tel Aviv|Human|Israel Central Virology laboratory|Israel Central Virology laboratory
> Spike|hCoV-19/Russia/MOS-CRIE-13386284/2020|2020-11-06|EPI ISL_745225|Original|hCoV-19|Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science |Central Research Institute of Epidemiology| of the Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology
> y|Korneenko|Russia
> Spike|hCoV-19/Russia/MOS-CRIE-13380492/2020|2020-11-06|EPI ISL_745226|Original|hCoV-19|Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science |Central Research Institute of Epidemiology| of the Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology
> y|Korneenko|Russia
> Spike|hCoV-19/Russia/MOS-CRIE-13378888/2020|2020-11-06|EPI ISL_745227|Original|hCoV-19|Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science |Central Research Institute of Epidemiology| of the Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology
> y|Korneenko|Russia
> Spike|hCoV-19/Russia/MOS-CRIE-13352861/2020|2020-11-06|EPI ISL_745228|Original|hCoV-19|Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science |Central Research Institute of Epidemiology| of the Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology
> y|Korneenko|Russia
> Spike|hCoV-19/Prance/ARA-11455/2020|2020-12-01|EPI ISL_745327|Original|hCoV-19|Auvergne-Rhône-Alpes|Human|CNRS Virus des Infections Respiratoires - France SUD|CNRS Virus des Infections Respiratoires - France SUD
> Spike|hCoV-19/Prance/ARA-113487/2020|2020-11-28|EPI ISL_745345|Original|hCoV-19|Auvergne-Rhône-Alpes|Human|CNRS Virus des Infections Respiratoires - France SUD|CNRS Virus des Infections Respiratoires - France SUD
> Spike|hCoV-19/Prance/ARA-115486/2020|2020-12-03|EPI ISL_745359|Original|hCoV-19|Auvergne-Rhône-Alpes|Human|CNRS Virus des Infections Respiratoires - France SUD|CNRS Virus des Infections Respiratoires - France SUD
> Spike|hCoV-19/Prance/ARA-117764/2020|2020-12-09|EPI ISL_745376|Original|hCoV-19|Auvergne-Rhône-Alpes|Human|CNRS Virus des Infections Respiratoires - France SUD|CNRS Virus des Infections Respiratoires - France SUD
> Spike|hCoV-19/USA/UT-UPHL-2012777849/2020|2020-06-18|EPI ISL_746381|Original|hCoV-19|Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA
> Spike|hCoV-19/USA/UT-UPHL-2012361621/2020|2020-06-19|EPI ISL_746442|Original|hCoV-19|Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA
> Spike|hCoV-19/USA/UT-UPHL-2012614705/2020|2020-06-19|EPI ISL_746452|Original|hCoV-19|Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA
>Spike|hCoV-19/Denmark/DCGC-19588/2020|2020-12-07|EPI_ISL_748265|Original|hCoV-19^^Hawaii|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelensen|Denmark
>Spike|hCoV-19/Denmark/DCGC-18096/2020|2020-12-14|EPI_ISL_749174|Original|hCoV-19^^Hawaii|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelensen|Denmark
>Spike|hCoV-19/Denmark/DCGC-18168/2020|2020-12-14|EPI_ISL_749175|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelensen|Denmark
>Spike|hCoV-19/Denmark/DCGC-18461/2020|2020-12-07|EPI_ISL_749176|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelensen|Denmark
>Spike|hCoV-19/Denmark/DCGC-17218/2020|2020-12-14|EPI_ISL_750258|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelensen|Denmark
>Spike|hCoV-19/Denmark/DCGC-17104/2020|2020-12-14|EPI_ISL_750261|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelensen|Denmark
>Spike|hCoV-19/Denmark/DCGC-17497/2020|2020-12-14|EPI_ISL_750269|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelensen|Denmark
>Spike|hCoV-19/Denmark/DCGC-17748/2020|2020-12-14|EPI_ISL_750369|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelensen|Denmark
>Spike|hCoV-19/Denmark/DCGC-17607/2020|2020-12-14|EPI_ISL_750392|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelensen|Denmark
>Spike|hCoV-19/USA/TX-DSHS-1908/2020|2020-07-11|EPI_ISL_751510|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spike|hCoV-19/USA/CT-CDC-2-3714059/2020|2020-11-10|EPI_ISL_751554|Original|hCoV-19^^Connecticut|Human|CT-Dr. Katherine A. Kelley State Public Health Lab|Genomics and Discovery|Queen|USA
>Spike|hCoV-19/Ireland/CO-NVRL-78IRL76954/2020|2020-11-23|EPI_ISL_752579|Original|hCoV-19^^Cork|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland
>Spike|hCoV-19/USA/HI-H200111/2020|2020-03-11|EPI_ISL_752609|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA
>Spike|hCoV-19/USA/HI-H200319/2020|2020-08-14|EPI_ISL_752878|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA
>Spike|hCoV-19/USA/HI-H200340/2020|2020-08-25|EPI_ISL_752897|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA
>Spike|hCoV-19/USA/HI-H200346/2020|2020-09-08|EPI_ISL_752902|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA
>Spike|hCoV-19/USA/HI-H200348/2020|2020-09-11|EPI_ISL_752904|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA
>Spike|hCoV-19/USA/HI-H200361/2020|2020-09-28|EPI_ISL_752917|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA
>Spike|hCoV-19/USA/HI-H200362/2020|2020-09-29|EPI_ISL_752918|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA
>Spike|hCoV-19/USA/HI-H200387/2020|2020-09-28|EPI_ISL_752934|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA
>Spike|hCoV-19/USA/HI-H200395/2020|2020-09-09|EPI_ISL_752941|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

19/USA/HI
19/Ireland/CO-NVRL-78IRL76954
19/USA/HI-H200111
19/USA/HI-H200319
19/USA/HI-H200340
19/USA/HI-H200346
19/USA/HI-H200348
19/USA/HI-H200361
19/USA/HI-H200362
19/USA/HI-H200387
19/USA/HI-H200395
19/Connecticut/Human
19/Alabama/Human
19/Alaska/Human
19/Angola/Human
19/Arkansas/Human
19/Arizona/Human
19/California/Human
19/Colorado/Human
19/Connecticut/Human
19/Georgia/Human
19/Hawaii/Human
19/Illinois/Human
19/Indiana/Human
19/Kentucky/Human
19/Louisiana/Human
19/Maine/Human
19/Maryland/Human
19/Minnesota/Human
19/Missouri/Human
19/Montana/Human
19/Nebraska/Human
19/New Jersey/Human
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19/North Carolina/Human
19/Ohio/Human
19/Oklahoma/Human
19/Oregon/Human
19/Pennsylvania/Human
19/Arkansas/Human
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19/New Jersey/Human
19/New Mexico/Human
19/New York/Human
19/North Carolina/Human
19/Ohio/Human
19/Oklahoma/Human
19/Oregon/Human
19/Pennsylvania/Human
>y|Korneenko|Russia
>hCoV-19|USA/NY-Wadsworth-264207-01/2020|2020-11-05|EPI_ISL_754518|Original|hCoV-19|New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
>hCoV-19|France/IPPP10958/2020|2020-12-17|EPI_ISL_754843|Original|hCoV-19|Grand-Est|Human|Laboratoire de Virologie \nH\u00f4pital Robert Debr\u00e9u00e9e9|National Reference Center for Viruses of Respiratory Infections|Enouf|France
>hCoV-19|France/IPPP10959/2020|2020-12-18|EPI_ISL_754844|Original|hCoV-19|Grand-Est|Human|Laboratoire de Virologie \nH\u00f4pital Robert Debr\u00e9u00e9e9|National Reference Center for Viruses of Respiratory Infections|Enouf|France
>hCoV-19|France/IPPP10971/2020|2020-12-18|EPI_ISL_754846|Original|hCoV-19|Grand-Est|Human|Laboratoire de Virologie \nH\u00f4pital Robert Debr\u00e9u00e9e9|National Reference Center for Viruses of Respiratory Infections|Enouf|France
>hCoV-19|USA/CA-CDPH264/2020|2020-11-28|EPI_ISL_754914|Original|hCoV-19|California|Human|California Department of Public Health|California Department of Public Health|Bell|USA
>hCoV-19|USA/CA-CDPH233/2020|2020-11-14|EPI_ISL_754966|Original|hCoV-19|California|Human|California Department of Public Health|California Department of Public Health|Bell|USA
>hCoV-19|USA/CA-CDPH220/2020|2020-11-15|EPI_ISL_755010|Original|hCoV-19|California|Human|California Department of Public Health|California Department of Public Health|Bell|USA
>hCoV-19|USA/CA-SEARCH5347/2020|2020-12-09|EPI_ISL_755162|Original|hCoV-19|California|Human|UCSD EXCITE lab|Andersen lab at Scripps Research|Gangavarapu|USA
>hCoV-19|USA/CA-SEARCH5369/2020|2020-12-16|EPI_ISL_755181|Original|hCoV-19|California|Human|UCSD EXCITE lab|Andersen lab at Scripps Research|Gangavarapu|USA
>hCoV-19|USA/CA-SEARCH5375/2020|2020-12-17|EPI_ISL_755187|Original|hCoV-19|California|Human|UCSD EXCITE lab|Andersen lab at Scripps Research|Gangavarapu|USA
>hCoV-19|USA/CA-SEARCH5419/2020|2020-11-30|EPI_ISL_755228|Original|hCoV-19|California|Human|UCSD EXCITE lab|Andersen lab at Scripps Research|Gangavarapu|USA
>hCoV-19|Canada/ON-S2000/2020|2020-11-24|EPI_ISL_755708|Original|hCoV-19|Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
>hCoV-19|Canada/ON-S1768/2020|2020-11-08|EPI_ISL_755769|Original|hCoV-19|Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
>hCoV-19|Canada/ON-S1772/2020|2020-11-08|EPI_ISL_755773|Original|hCoV-19|Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
>hCoV-19|USA/HI-H200397/2020|2020-09-07|EPI_ISL_756275|Original|hCoV-19|Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA
>hCoV-19|USA/HI-H200581/2020|2020-10-29|EPI_ISL_756277|Original|hCoV-19|Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA
>hCoV-19|USA/HI-H200624/2020|2020-09-29|EPI_ISL_756278|Original|hCoV-19|Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA
>hCoV-19|USA/HI-H200632/2020|2020-11-23|EPI_ISL_756279|Original|hCoV-19|Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA
> Spike|hCoV-19/USA/HI-H200650/2020|2020-11-25|EPI_ISL_756280|Original|hCoV-19
^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/USA/HI-H200697/2020|2020-12-01|EPI_ISL_756281|Original|hCoV-19
^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Thailand/Bangkok-S111/2020|2020-12-28|EPI_ISL_756375|Original|hCoV-19
^Bangkok|Human|Siriraj Hospital|National Institute of Health|Phueng|Thailand

>Spike|hCoV-19/England/ALDP-C8B7B1/2020|2020-12-17|EPI_ISL_756574|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22458/2020|2020-12-14|EPI_ISL_757400|Original|hCoV-19
^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-22594/2020|2020-12-14|EPI_ISL_757449|Original|hCoV-19
^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-22595/2020|2020-12-14|EPI_ISL_757449|Original|hCoV-19
^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-21647/2020|2020-12-21|EPI_ISL_757708|Original|hCoV-19
^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-21581/2020|2020-12-21|EPI_ISL_757715|Original|hCoV-19
^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-21644/2020|2020-12-21|EPI_ISL_757716|Original|hCoV-19
^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-21709/2020|2020-12-21|EPI_ISL_757945|Original|hCoV-19
^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-21669/2020|2020-12-21|EPI_ISL_757959|Original|hCoV-19
^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-21258/2020|2020-12-21|EPI_ISL_758968|Original|hCoV-19
^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-20621/2020|2020-12-21|EPI_ISL_758969|Original|hCoV-19
^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/North Macedonia/ZMCO084/2020|2020-06-05|EPI_ISL_760059|Original|hCoV-19
^Skopje|Human|Laboratory of Genetics and Personalized Medicine|Laboratory of Genetics and Personalized Medicine|Kungulovski|North Macedonia

>Spike|hCoV-19/South Korea/KDCA0287/2020|2020-10-24|EPI_ISL_760081|Original|hCoV-19
^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/South Korea/KDCA0295/2020|2020-10-27|EPI_ISL_760089|Original|hCoV-19
^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/South Korea/KDCA0301/2020|2020-10-28|EPI_ISL_760095|Original|hCoV-19
^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/South Korea/KDCA0327/2020|2020-10-16|EPI_ISL_760113|Original|hCoV-19
^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/QEUH-CC310A/2020|2020-12-21|EPI_ISL_760297|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-CC3146/2020|2020-12-20|EPI_ISL_760374|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-CC7DBB/2020|2020-12-22|EPI_ISL_760451|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-CC23BA/2020|2020-12-21|EPI_ISL_760631|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-CC35CA/2020|2020-12-21|EPI_ISL_760775|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-CC35D5/2020|2020-12-21|EPI_ISL_760778|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-CB33CE/2020|2020-12-19|EPI_ISL_760898|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-CB3F9A/2020|2020-12-18|EPI_ISL_761069|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-CB447C/2020|2020-12-19|EPI_ISL_761734|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-CB8659/2020|2020-12-17|EPI_ISL_762692|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-CB86954/2020|2020-12-17|EPI_ISL_762835|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/FL-BPHL-2256/2020|2020-11-17|EPI_ISL_763339|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|United States
>Spike|hCoV-19/Northern Ireland/NIRE-235325/2020|2020-10-19|EPI_ISL_763395|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
>Spike|hCoV-19/Wales/PHWC-4A6F0/2020|2020-12-17|EPI_ISL_763443|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/SHEF-10D36A7/2020|2020-12-20|EPI_ISL_763501|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/Wales/PHWC-4A4000A/2020|2020-12-14|EPI_ISL_763584|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Wales/PHWC-4A3ED4/2020|2020-12-13|EPI_ISL_763738|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
| Accession | Date | Host | Location | Description | Institution | Consortium | Country |
|-----------|------|------|----------|-------------|-------------|------------|---------|
| EPI_ISL_763787 | 2020-12-13 | Human | Wales | Spike hCoV-19 | Instituto Nacional de Saude (INSA) | Instituto Nacional de Saude (INSA) | Portugal |
| EPI_ISL_764266 | 2020-12-12 | Human | Wales | Spike hCoV-19 | Instituto Nacional de Saude (INSA) | Instituto Nacional de Saude (INSA) | Portugal |
| EPI_ISL_764603 | 2020-12-12 | Human | Wales | Spike hCoV-19 | Instituto Nacional de Saude (INSA) | Instituto Nacional de Saude (INSA) | Portugal |
| EPI_ISL_764620 | 2020-12-12 | Human | Wales | Spike hCoV-19 | Instituto Nacional de Saude (INSA) | Instituto Nacional de Saude (INSA) | Portugal |
| EPI_ISL_764627 | 2020-12-12 | Human | Wales | Spike hCoV-19 | Instituto Nacional de Saude (INSA) | Instituto Nacional de Saude (INSA) | Portugal |
| EPI_ISL_764631 | 2020-12-12 | Human | Wales | Spike hCoV-19 | Instituto Nacional de Saude (INSA) | Instituto Nacional de Saude (INSA) | Portugal |
| EPI_ISL_764636 | 2020-12-13 | Human | Wales | Spike hCoV-19 | Instituto Nacional de Saude (INSA) | Instituto Nacional de Saude (INSA) | Portugal |
| EPI_ISL_764638 | 2020-12-12 | Human | Wales | Spike hCoV-19 | Instituto Nacional de Saude (INSA) | Instituto Nacional de Saude (INSA) | Portugal |
| EPI_ISL_764646 | 2020-12-13 | Human | Wales | Spike hCoV-19 | Instituto Nacional de Saude (INSA) | Instituto Nacional de Saude (INSA) | Portugal |
| EPI_ISL_764652 | 2020-12-13 | Human | Wales | Spike hCoV-19 | Instituto Nacional de Saude (INSA) | Instituto Nacional de Saude (INSA) | Portugal |
| EPI_ISL_764683 | 2020-12-16 | Human | Wales | Spike hCoV-19 | Instituto Nacional de Saude (INSA) | Instituto Nacional de Saude (INSA) | Portugal |
| EPI_ISL_764739 | 2020-12-12 | Human | Wales | Spike hCoV-19 | Instituto Nacional de Saude (INSA) | Instituto Nacional de Saude (INSA) | Portugal |
| EPI_ISL_764743 | 2020-12-15 | Human | Wales | Spike hCoV-19 | Instituto Nacional de Saude (INSA) | Instituto Nacional de Saude (INSA) | Portugal |
| EPI_ISL_764811 | 2020-12-13 | Human | Wales | Spike hCoV-19 | Instituto Nacional de Saude (INSA) | Instituto Nacional de Saude (INSA) | Portugal |
| EPI_ISL_764822 | 2020-12-13 | Human | Wales | Spike hCoV-19 | Instituto Nacional de Saude (INSA) | Instituto Nacional de Saude (INSA) | Portugal |
| EPI_ISL_764835 | 2020-12-13 | Human | Wales | Spike hCoV-19 | Instituto Nacional de Saude (INSA) | Instituto Nacional de Saude (INSA) | Portugal |
| EPI_ISL_764842 | 2020-12-15 | Human | Wales | Spike hCoV-19 | Instituto Nacional de Saude (INSA) | Instituto Nacional de Saude (INSA) | Portugal |
| EPI_ISL_764907 | 2020-12-15 | Human | Wales | Spike hCoV-19 | Instituto Nacional de Saude (INSA) | Instituto Nacional de Saude (INSA) | Portugal |
| EPI_ISL_765210 | 2020-11-08 | Human | Portugal | Spike hCoV-19 | Instituto Nacional de Saude (INSA) | Instituto Nacional de Saude (INSA) | Portugal |
| Location | Country | Institution | Sample Code | Date | Strain Code | Sequence Type | Length (bp) | Accession Number | Description |
|----------|---------|-------------|-------------|------|-------------|--------------|------------|----------------|-------------|
| Mezzogiorno | Italy | TIGEM | Mezzogiorno/19 | 2020-00-00 | EPI_ISL_769872 | Original | hCoV-19 | | |
Spike|hCoV-19/Italy/CAM-TIGEM-232/2020|2020-10-26|EPI_ISL_776907|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
Spike|hCoV-19/Italy/CAM-TIGEM-227/2020|2020-10-26|EPI_ISL_776908|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
Spike|hCoV-19/Italy/CAM-TIGEM-224/2020|2020-10-26|EPI ISL_776909|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
Spike|hCoV-19/Italy/CAM-TIGEM-197/2020|2020-10-26|EPI ISL_776910|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
Spike|hCoV-19/Italy/CAM-TIGEM-235/2020|2020-10-26|EPI_ISL_776911|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
Spike|hCoV-19/Italy/CAM-TIGEM-249/2020|2020-10-26|EPI_ISL_776912|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
Spike|hCoV-19/Italy/CAM-TIGEM-198/2020|2020-10-26|EPI ISL_776913|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
Spike|hCoV-19/Italy/CAM-TIGEM-212/2020|2020-10-26|EPI_ISL_776914|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
Spike|hCoV-19/Italy/CAM-TIGEM-215/2020|2020-10-26|EPI_ISL_776915|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
Spike|hCoV-19/Italy/CAM-TIGEM-214/2020|2020-10-26|EPI ISL_776916|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
Spike|hCoV-19/Italy/CAM-TIGEM-209/2020|2020-10-26|EPI ISL_776917|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
Spike|hCoV-19/Italy/CAM-TIGEM-201/2020|2020-10-26|EPI ISL_776918|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
Spike|hCoV-19/Italy/CAM-TIGEM-290/2020|2020-10-26|EPI ISL_776919|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
Spike|hCoV-19/Italy/CAM-TIGEM-269/2020|2020-10-26|EPI ISL_776920|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
Spike|hCoV-19/Italy/CAM-TIGEM-254/2020|2020-10-26|EPI ISL_776921|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
Spike|hCoV-19/Italy/CAM-TIGEM-263/2020|2020-10-26|EPI ISL_776922|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
Spike|hCoV-19/Italy/CAM-TIGEM-295/2020|2020-10-26|EPI ISL_776923|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
Spike|hCoV-19/Italy/CAM-TIGEM-292/2020|2020-10-26|EPI ISL_776924|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
>Spike|hCoV-19/Italy/CAM-TIGEM-573/2020|2020-04-03|EPI_ISL_778703|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
> Spike|hCoV-19/Italy/CAM-TIGEM-388/2020|2020-09-15|EPI_ISL_778704|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
> Spike|hCoV-19/Italy/CAM-TIGEM-401/2020|2020-09-15|EPI ISL 778705|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
> Spike|hCoV-19/Italy/CAM-TIGEM-394/2020|2020-09-15|EPI ISL 778706|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
> Spike|hCoV-19/Italy/CAM-TIGEM-400/2020|2020-09-15|EPI_ISL_778707|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
> Spike|hCoV-19/Italy/CAM-TIGEM-412/2020|2020-09-15|EPI ISL 778708|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
> Spike|hCoV-19/Italy/CAM-TIGEM-411/2020|2020-09-15|EPI ISL 778709|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
> Spike|hCoV-19/Italy/CAM-TIGEM-418/2020|2020-09-15|EPI ISL 778712|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
> Spike|hCoV-19/Italy/CAM-TIGEM-392/2020|2020-09-15|EPI_ISL_778713|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
> Spike|hCoV-19/Italy/CAM-TIGEM-419/2020|2020-09-15|EPI ISL 778714|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
> Spike|hCoV-19/Italy/CAM-TIGEM-404/2020|2020-09-15|EPI ISL 778715|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
> Spike|hCoV-19/Italy/CAM-TIGEM-399/2020|2020-09-15|EPI_ISL_778716|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
> Spike|hCoV-19/Italy/CAM-TIGEM-408/2020|2020-09-15|EPI ISL 778717|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
> Spike|hCoV-19/Italy/CAM-TIGEM-407/2020|2020-09-15|EPI ISL 778718|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
> Spike|hCoV-19/Italy/CAM-TIGEM-406/2020|2020-09-15|EPI_ISL_778719|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
> Spike|hCoV-19/Italy/CAM-TIGEM-420/2020|2020-09-15|EPI ISL 778720|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
> Spike|hCoV-19/Italy/CAM-TIGEM-413/2020|2020-09-15|EPI_ISL_778721|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
> Spike|hCoV-19/Italy/CAM-TIGEM-561/2020|2020-04-09|EPI_ISL_778722|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
>Spike|hCoV-19/Italy/CAM-TIGEM-486/2020|2020-06-28|EPI_ISL_778789|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spike|hCoV-19/Italy/CAM-TIGEM-487/2020|2020-06-28|EPI_ISL_778790|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spike|hCoV-19/Italy/CAM-TIGEM-488/2020|2020-06-28|EPI_ISL_778791|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spike|hCoV-19/Italy/CAM-TIGEM-489/2020|2020-06-28|EPI_ISL_778792|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spike|hCoV-19/Italy/CAM-TIGEM-490/2020|2020-06-28|EPI_ISL_778793|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spike|hCoV-19/Italy/CAM-TIGEM-491/2020|2020-06-27|EPI_ISL_778794|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spike|hCoV-19/Italy/CAM-TIGEM-492/2020|2020-06-27|EPI_ISL_778795|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spike|hCoV-19/Italy/CAM-TIGEM-493/2020|2020-06-27|EPI_ISL_778796|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spike|hCoV-19/Italy/CAM-TIGEM-494/2020|2020-06-27|EPI_ISL_778797|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spike|hCoV-19/Italy/CAM-TIGEM-495/2020|2020-06-27|EPI_ISL_778798|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spike|hCoV-19/Italy/CAM-TIGEM-496/2020|2020-06-27|EPI_ISL_778799|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spike|hCoV-19/Italy/CAM-TIGEM-497/2020|2020-06-27|EPI_ISL_778800|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spike|hCoV-19/Italy/CAM-TIGEM-498/2020|2020-06-27|EPI_ISL_778801|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spike|hCoV-19/Italy/CAM-TIGEM-499/2020|2020-06-27|EPI_ISL_778802|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spike|hCoV-19/Italy/CAM-TIGEM-500/2020|2020-06-27|EPI_ISL_778803|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spike|hCoV-19/Italy/CAM-TIGEM-501/2020|2020-06-27|EPI_ISL_778804|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spike|hCoV-19/Italy/CAM-TIGEM-502/2020|2020-06-27|EPI_ISL_778805|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spike|hCoV-19/Italy/CAM-TIGEM-503/2020|2020-06-27|EPI_ISL_778806|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spike|hCoV-19/Italy/CAM-TIGEM-504/2020|2020-06-27|EPI_ISL_778807|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spike|hCoV-19/Italy/CAM-TIGEM-505/2020|2020-06-27|EPI_ISL_778808|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy
Spike|hCoV-19|USA|TX-HMH-MCoV-8253|2020|2020-07-07|EPI_ISL_784293|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|USA|TX-HMH-MCoV-18148|2020|2020-11-15|EPI_ISL_784496|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|USA|TX-HMH-MCoV-18416|2020|2020-11-18|EPI_ISL_784764|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|USA|TX-HMH-MCoV-18706|2020|2020-11-20|EPI_ISL_785054|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|USA|TX-HMH-MCoV-18758|2020|2020-11-23|EPI_ISL_785095|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|USA|TX-HMH-MCoV-18794|2020|2020-11-24|EPI_ISL_785121|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|USA|TX-HMH-MCoV-18820|2020|2020-11-23|EPI_ISL_785144|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|USA|TX-HMH-MCoV-18863|2020|2020-11-25|EPI_ISL_785179|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|USA|TX-HMH-MCoV-18922|2020|2020-11-25|EPI_ISL_785223|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|USA|TX-HMH-MCoV-18964|2020|2020-11-25|EPI_ISL_785250|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|USA|TX-HMH-MCoV-15006|2020|2020-07-10|EPI_ISL_785490|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|USA|TX-HMH-MCoV-15187|2020|2020-10-20|EPI_ISL_786671|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|USA|TX-HMH-MCoV-15252|2020|2020-10-19|EPI_ISL_786736|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|USA|TX-HMH-MCoV-15322|2020|2020-10-21|EPI_ISL_786806|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|USA|TX-HMH-MCoV-15472|2020|2020-10-23|EPI_ISL_786956|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|USA|TX-HMH-MCoV-15480|2020|2020-10-23|EPI_ISL_786964|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|USA|TX-HMH-MCoV-15564|2020|2020-10-26|EPI_ISL_787048|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|USA|TX-HMH-MCoV-14212|2020|2020-10-03|EPI_ISL_787497|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|USA|TX-HMH-MCoV-14371|2020|2020-10-05|EPI_ISL_787656|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|USA|TX-HMH-MCoV-14422|2020|2020-10-07|EPI_ISL_787707|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|USA|TX-HMH-MCoV-14616|2020|2020-10-11|EPI_ISL_787901|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|USA|TX-HMH-MCoV-13316|2020|2020-08-25|EPI_ISL_788464|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|USA|TX-HMH-MCoV-13570|2020|2020-08-21|EPI_ISL_788681|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|USA|WI-UW-2536|2020|2020-12-30|EPI_ISL_788940|Original|hCoV-19^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA
Spike|hCoV-19|Slovakia|UKBA-610|2020|2020-11-30|EPI_ISL_788987|Original|hCoV-19^Bratislava|Human|Institute of Virology|Faculty of Natural Sciences|Vinar|Slovakia
Spike|hCoV-19|USA|TX-HMH-MCoV-11194|2020|2020-09-02|EPI_ISL_789159|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|USA|TX-HMH-MCoV-10941|2020|2020-07-09|EPI_ISL_789173|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|USA|TX-HMH-MCoV-10581|2020|2020-07-08|EPI_ISL_789194|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|USA|TX-HMH-MCoV-10605|2020|2020-07-08|EPI_ISL_789198|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|England/QUEUH-5474EE/2020|2020-05-14|EPI_ISL_533405|Original|hCoV-19
>^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/ALDP-A6EA26/2020|2020-10-15|EPI_ISL_607670|Original|hCoV-19
>^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/TX-HHM-MCoV-15992/2020|2020-07-10|EPI_ISL_785676|Original|hCoV-19
>^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|Australia/ACT0040/2020|2020-03-25|EPI_ISL_498507|Original|hCoV-19
>^Australian Capital Territory|Human|ACT Pathology|Schwessinger Lab|Hall|Australia
>Spike|hCoV-19|USA/TX-HHM-MCoV-10825/2020|2020-07-05|EPI_ISL_789645|Original|hCoV-19
>^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|England/ALDP-CC089F/2020|2020-12-18|EPI_ISL_760284|Original|hCoV-19
>^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|England/QUEUH-7A7A24/2020|2020-07-13|EPI_ISL_533100|Original|hCoV-19
>^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/TX-HHM-MCoV-19503/2020|2020-11-30|EPI_ISL_783884|Original|hCoV-19
>^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|Australia/VIC13293/2020|2020-07-29|EPI_ISL_563654|Original|hCoV-19
>^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19|Denmark/DCGC-12177/2020|2020-11-23|EPI_ISL_682358|Original|hCoV-19
>^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19|India/GJ-GBRC72b/2020|2020-04-29|EPI_ISL_447050|Original|hCoV-19
>^Gujarat|Human|GMERS Medical College and Gujarat Biotechnology Research Centre|Joshi|India
>Spike|hCoV-19|England/CAMC-BBC3F0/2020|2020-11-21|EPI_ISL_724135|Original|hCoV-19
>^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19|USA/MI-MDHHS-SC20041/2020|2020-03-19|EPI_ISL_437128|Original|hCoV-19
>^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19|England/ALDP-AC12ED/2020|2020-10-10|EPI_ISL_631050|Original|hCoV-19
>^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/TX-HHM-4134/2020|2020-06-18|EPI_ISL_543398|Original|hCoV-19
>^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|Spain/PS-IBV-003223/2020|2020-03-14|EPI_ISL_480968|Original|hCoV-19
>^Basque Country|Human|Servicio de Microbiolog\u00eda|Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
>Spike|hCoV-19|USA/TX-HHM-7258/2020|2020-06-29|EPI_ISL_546630|Original|hCoV-19
>^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|USA/UT-UPHL-2009300/2020|2020-05-17|EPI_ISL_524909|Original|hCoV-19
>^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19|Wales/PHWC-164BCC/2020|2020-05-22|EPI_ISL_479357|Original|hCoV-19
>^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Australia/VIC2026/2020|2020-06-06|EPI_ISL_480667|Original|hCoV-19
>^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/CA-QDX-2405/2020|2020-03-17|EPI_ISL_604673|Original|hCoV-19
>^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/Switzerland/ZH-ETHZ-370480/2020|2020-11-16|EPI_ISL_693966|Original|hCoV-19^^Bamako|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spke|hCoV-19/England/CMAC-B9C55A/2020|2020-11-15|EPI_ISL_673236|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19/Scotland/CVR5224/2020|2020-10-19|EPI_ISL_627396|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spke|hCoV-19/Austria/CeMM0512/2020|2020-03-11|EPI_ISL_583597|Original|hCoV-19^^Austria|Human|Institute for Medical and Chemical Laboratory Diagnostics|Berghaler laboratory|Berghaler|Austria
>Spke|hCoV-19/Australia/VIC14614/2020|2020-08-05|EPI_ISL_592835|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spke|hCoV-19/Singapore/225/2020|2020-04-20|EPI_ISL_462343|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
>Spke|hCoV-19/England/NORT-283BD5/2020|2020-04-03|EPI_ISL_488532|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/England/MILK-973272/2020|2020-08-20|EPI_ISL_575893|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/England/QEUH-C32BBD/2020|2020-12-11|EPI_ISL_782513|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19/England/MILK-A19398/2020|2020-10-03|EPI_ISL_612508|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spke|hCoV-19/England/201580039/2020|2020-04-09|EPI_ISL_466352|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spke|hCoV-19/USA/AZ-QDX-2311/2020|2020-03-15|EPI_ISL_604504|Original|hCoV-19^^Arizona|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spke|hCoV-19/Japan/PG-4360/2020|2020-07-00|EPI_ISL_692588|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
>Spke|hCoV-19/England/PORT-2CF52A/2020|2020-04-27|EPI_ISL_453691|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spke|hCoV-19/USA/TX-HMH-MCoV-10012/2020|2020-07-08|EPI_ISL_789284|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spke|hCoV-19/England/QEUH-B2CF9D/2020|2020-11-04|EPI_ISL_680090|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spke|hCoV-19/USA/NY-Wadsworth-220236-01/2020|2020-09-17|EPI_ISL_765508|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
>Spke|hCoV-19/USA/UT-08268/2020|2020-05-19|EPI_ISL_524074|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spke|hCoV-19/Mali/M002659/2020|2020-04-09|EPI_ISL_487451|Original|hCoV-19^^Bamako|Human|CICM-Mali|Bundeswehr Institut of Microbiology|Antwerpen|Mali
> Spike | hCoV-19/England/CAMC-B79F73/2020 | 2020-11-12 | EPI_ISL_741068 | Original | hCoV-19 | England | Human | Oxford Viromics | COVID-19 Genomics UK (COG-UK) Consortium | Golubchik | United Kingdom

> Spike | hCoV-19/Luxembourg/LNS9018804/2020 | 2020-12-02 | EPI_ISL_771003 | Original | hCoV-19 | Luxembourg | Human | Laboratoire national de santé | Laboratoire national de santé | Wienecke-Baldacchino | Luxembourg

> Spike | hCoV-19/Denmark/DGCC-6484/2020 | 2020-10-05 | EPI_ISL_620384 | Original | hCoV-19 | Denmark | Human | Department of Virus and Microbiological Special Diagnostics | Albersen lab | Michaelaelsen | Denmark

> Spike | hCoV-19/England/QEUH-9B7A2F/2020 | 2020-09-04 | EPI_ISL_590465 | Original | hCoV-19 | England | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> Spike | hCoV-19/England/ALDP-B5AF69/2020 | 2020-11-09 | EPI_ISL_655607 | Original | hCoV-19 | England | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> Spike | hCoV-19/Mexico/MOR-InDRE-26/2020 | 2020-05-27 | EPI_ISL_493341 | Original | hCoV-19 | Mexico | Morelos | Human | Instituto de Diagnostico y Referencia Epidemiologicos (INDRE) | Instituto de Diagnostico y Referencia Epidemiologicos (INDRE) | Rodriguez | Mexico

> Spike | hCoV-19/England/20186133904/2020 | 2020-03-28 | EPI_ISL_443775 | Original | hCoV-19 | England | Human | Department of Pathology | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Amato | United Kingdom

> Spike | hCoV-19/USA/MI-MDHHS-SC21916/2020 | 2020-04-13 | EPI_ISL_565977 | Original | hCoV-19 | Michigan | Human | Michigan Department of Health and Human Services | Michigan Department of Health and Human Services | Blankenship | USA

> Spike | hCoV-19/England/CAMB-76A61/2020 | 2020-03-30 | EPI_ISL_438329 | Original | hCoV-19 | England | Human | Pathogen Genomics Center | Pathogen Genomics Center | Sekizuka | Japan

> Spike | hCoV-19/Australia/QLD981/2020 | 2020-03-20 | EPI_ISL_530261 | Original | hCoV-19 | Queensland | Human | Queensland Health Forensic and Scientific Services | Public Health Virology Laboratory | Nguyen | Australia

> Spike | hCoV-19/England/20186133904/2020 | 2020-03-28 | EPI_ISL_443775 | Original | hCoV-19 | England | Human | Pathogen Genomics Center | Pathogen Genomics Center | Sekizuka | Japan

> Spike | hCoV-19/England/BRIS-1255C9/2020 | 2020-03-28 | EPI_ISL_443775 | Original | hCoV-19 | England | Human | PHE South West Regional Laboratory | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Amato | United Kingdom

> Spike | hCoV-19/Switzerland/BE-ETHZ-120715/2020 | 2020-05-01 | EPI_ISL_468298 | Original | hCoV-19 | Switzerland | Bern | Human | Viollier AG | Department of Biosystems Science and Engineering | Nadeau | Switzerland

> Spike | hCoV-19/USA/TX-HM-HMC-18816/2020 | 2020-11-26 | EPI_ISL_785142 | Original | hCoV-19 | Texas | Human | Houston Methodist Hospital | Houston Methodist Hospital | Long | USA

> Spike | hCoV-19/England/20186133904/2020 | 2020-04-30 | EPI_ISL_465712 | Original | hCoV-19 | England | Human | Respiratory Virus Unit | Respiratory Virus Unit | Platt | United Kingdom

> Spike | hCoV-19/England/QUEUH-96P5AD/2020 | 2020-08-17 | EPI_ISL_530484 | Original | hCoV-19 | England | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> Spike | hCoV-19/Norway/3111/2020 | 2020-08-05 | EPI_ISL_549134 | Original | hCoV-19 | Norway | Human | Ostfold Hospital Trust - Kalnes | Norwegian Institute of Public Health | Kopperud Riis | Norway

> Spike | hCoV-19/USA/MI-MDHHS-SC22154/2020 | 2020-10-20 | EPI_ISL_614205 | Original | hCoV-19 | Michigan | Human | Michigan Department of Health and Human Services | Michigan Department of Health and Human Services | Jacob | USA

> Spike | hCoV-19/England/MILK-562ABE/2020 | 2020-06-10 | EPI_ISL_558399 | Original | hCoV-19 | England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom
>Spike|hCoV-19|England/CAMC-BD15E0/2020|2020-11-27|EPI_ISL_702363|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

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Spike|hCoV-19|Denmark/DCGC-6612/2020|2020-10-12|EPI_ISL_619661|Original|hCoV-19
^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
Spike|hCoV-19|Singapore/343/2020|2020-04-09|EPI_ISL_469097|Original|hCoV-19
^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
Spike|hCoV-19|England/NORT-282DB2/2020|2020-03-29|EPI_ISL_488474|Original|hCoV-19
^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA/TX-HMH-MCoV-14433/2020|2020-10-07|EPI_ISL_787718|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|USA/TX-HMH-6125/2020|2020-07-07|EPI_ISL_547258|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|England/MIILK-AC8FDO/2020|2020-10-22|EPI_ISL_629557|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/AB7772/2020|2020-10-19|EPI_ISL_623499|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA/MN-MDH-1820/2020|2020-04-15|EPI_ISL_590822|Original|hCoV-19
^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA
Spike|hCoV-19|USA/TX-HMH-MCoV-17993/2020|2020-11-16|EPI_ISL_786141|Original|hCoV-19
^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
Spike|hCoV-19|Netherlands/NB-EMC-271/2020|2020-00-00|EPI_ISL_523393|Original|hCoV-19
^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands
Spike|hCoV-19|USA/TX-HMH-MCoV-10540/2020|2020-07-08|EPI_ISL_789527|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|England/QEUH-B66B48/2020|2020-11-11|EPI_ISL_662465|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/LOND-D5P16/2020|2020-04-18|EPI_ISL_444262|Original|hCoV-19
^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
Spike|hCoV-19|England/BRIS-12P3A7/2020|2020-04-13|EPI_ISL_488291|Original|hCoV-19
^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|India/GJ-GBRC245/2020|2020-06-14|EPI_ISL_483826|Original|hCoV-19
^Gujarat|Human|GMERS Medical College Himmatnagar|Gujarat Biotechnology Research Centre|Joshi|India
Spike|hCoV-19|England/QEUH-9637FE/2020|2020-08-10|EPI_ISL_531744|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Wales/PHWC-495E3F/2020|2020-11-26|EPI_ISL_726491|Original|hCoV-19
^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19|South Korea/KCDC2326/2020|2020-05-26|EPI_ISL_510662|Original|hCoV-19
^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea
Spike|hCoV-19|Scotland/EDB3658/2020|2020-04-28|EPI_ISL_439309|Original|hCoV-19
^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spike|hCoV-19/USA/CA-ALSR-1101-SAN/2020|2020-06-17|EPI_ISL_483527|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA
>Spkle|hCoV-19/England/OXON-ABBC6/2020|2020-04-09|EPI_ISL_478811|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spkle|hCoV-19/Wales/PHWC-4879F3/2020|2020-10-31|EPI_ISL_639262|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spkle|hCoV-19/Switzerland/BE-ETHZ-140048/2020|2020-05-28|EPI_ISL_476099|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spkle|hCoV-19/Denmark/DGCC-13215/2020|2020-11-30|EPI_ISL_712658|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spkle|hCoV-19/USA/OR-OHSU-1835/2020|2020-07-27|EPI_ISL_526042|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O’Roak|USA
>Spkle|hCoV-19/Switzerland/SH-ETHZ-420734/2020|2020-12-24|EPI_ISL_768158|Original|hCoV-19^^Schaffhausen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spkle|hCoV-19/Belgium/rega-0411463/2020|2020-04-11|EPI_ISL_476973|Original|hCoV-19^^Halle|Human|KU Leuven|KU Leuven|Maes|Belgium
>Spkle|hCoV-19/Kenya/C7383/2020|2020-05-17|EPI_ISL_568837|Original|hCoV-19^^Mombasa|Human|KEMRI-Wellcome Trust Research Programme|KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme|KEMRI-CGMR-C Kilifi|Githinji|Kenya
>Spkle|hCoV-19/England/LOND-124DE26/2020|2020-00-00|EPI_ISL_584651|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom
>Spkle|hCoV-19/England/MILK-A05EE9/2020|2020-10-01|EPI_ISL_599820|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spkle|hCoV-19/England/GSTT-265D545/2020|2020-03-23|EPI_ISL_483975|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom
>Spkle|hCoV-19/England/QEUH-AE2C9D/2020|2020-10-27|EPI_ISL_633614|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spkle|hCoV-19/Russia/MOW-RII-MH2007S/2020|2020-05-15|EPI_ISL_596349|Original|hCoV-19^^Moscow|Human|Pathogenic Microorganisms Variability Laboratory|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Spkle|hCoV-19/England/NORW-ED476/2020|2020-05-28|EPI_ISL_472368|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spkle|hCoV-19/USA/MA-MGH-00832/2020|2020-04-13|EPI_ISL_791788|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA
>Spkle|hCoV-19/England/MILK-A46ABB/2020|2020-10-06|EPI_ISL_598473|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spkle|hCoV-19/Denmark/DGCC-10429/2020|2020-11-02|EPI_ISL_669964|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spkle|hCoV-19/Japan/PG-6122/2020|2020-08-00|EPI_ISL_689234|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spkle|hCoV-19/Singapore/1491/2020|2020-12-22|EPI_ISL_754100|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
>Spike|hCoV-19|England/QEUH-CC3577/2020|2020-12-21|EPI_ISL_760539|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19|England/QEUH-A49809/2020|2020-10-05|EPI_ISL_628431|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spik|hCoV-19|England/SHEF-C6F45/2020|2020-05-19|EPI_ISL_529682|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Schaub|United Kingdom
>Spik|hCoV-19|England/ALDP-B19F39/2020|2020-11-01|EPI_ISL_645684|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19|England/ALDP-C3A317/2020|2020-12-09|EPI_ISL_731131|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19|Australia/VIC3570/2020|2020-07-08|EPI_ISL_520319|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL
>Spik|hCoV-19|England/BIRM-646DB/2020|2020-09-23|EPI_ISL_594506|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom
>Spik|hCoV-19|Bosnia and Herzegovina/ChVir7367/2020|2020-03-27|EPI_ISL_462469|Original|hCoV-19^^Sarajevo|Human|Clinical Center|Charite Universitatsmedizin Berlin|Muehlemann|Bosnia and Herzegovina
>Spik|hCoV-19|USA/SC-DHEC-0001/2020|2020-03-06|EPI_ISL_491097|Original|hCoV-19^^South Carolina|Human|SC Department of Health and Environmental Control|SC Department of Health and Environmental Control|Flores|USA
>Spik|hCoV-19|USA/TX-HMH-MCoV-12558/2020|2020-09-30|EPI_ISL_789941|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19|Israel/CVL-n2775/2020|2020-03-08|EPI_ISL_649101|Original|hCoV-19^^Tel-Aviv|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel
>Spik|hCoV-19|Canada/ON-PHL-8539/2020|2020-03-00|EPI_ISL_418369|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratories|Public Health Ontario Laboratories|Eshaghi|Canada
>Spik|hCoV-19|Scotland/EDB2994/2020|2020-04-02|EPI_ISL_487971|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19|USA/TX-HMH-MCoV-18761/2020|2020-11-21|EPI_ISL_785098|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19|England/MILK-A6A4FF/2020|2020-10-08|EPI_ISL_626852|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spik|hCoV-19|England/CAMC-B3630D/2020|2020-11-05|EPI_ISL_645437|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19|England/MILK-974C55/2020|2020-08-21|EPI_ISL_552688|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19|England/MILK-B88B31/2020|2020-11-14|EPI_ISL_676009|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19|Austria/CeMM0288/2020|2020-03-26|EPI_ISL_438113|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria
>Spik|hCoV-19|Northern Ireland/QEUH-96AC25/2020|2020-08-17|EPI_ISL_531307|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-3868/2020|2020-09-07|EPI_ISL_615586|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelensen|Denmark
>Spike|hCoV-19/England/QEUF-B6C386/2020|2020-11-11|EPI_ISL_654995|Original|hCoV-19^^England|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelensen|Denmark
>Spike|hCoV-19/USA/AZ-TG409147/2020|2020-06-23|EPI_ISL_694955|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA
>Spike|hCoV-19/Northern Ireland/NIRE-FAC7E/2020|2020-04-15|EPI_ISL_459395|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Suriname/SR-60/2020|2020-07-16|EPI_ISL_518809|Original|hCoV-19^^Suriname|Human|Academic Hospital Paramaribo|Erasmus Medical Center|M\u00fcnger|Suriname
>Spike|hCoV-19/Luxembourg/LNS2333525/2020|2020-12-02|EPI_ISL_771022|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/Scotland/EDB1473/2020|2020-04-11|EPI_ISL_491672|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-1698B1/2020|2020-07-25|EPI_ISL_512528|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/CAMC-B7B21E/2020|2020-11-12|EPI_ISL_723995|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Portugal/PT1751/2020|2020-11-11|EPI_ISL_731988|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal
>Spike|hCoV-19/Austria/CeMM0038/2020|2020-03-09|EPI_ISL_437927|Original|hCoV-19^^Tschgl|Human|Institut f\u00fcr Virologie am Department f\u00fcr Hygiene|Bergthaler laboratory|Bergthaler|Austria
>Spike|hCoV-19/India/MH-NIV-126959/2020|2020-07-21|EPI_ISL_541694|Original|hCoV-19^^Maharashtra|Human|National Institute of Virology|National Institute of Virology|Potdar|India
>Spike|hCoV-19/USA/TX-HMH-7889/2020|2020-06-30|EPI_ISL_545685|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Denmark/DCGC-992/2020|2020-03-09|EPI_ISL_614587|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelensen|Denmark
>Spike|hCoV-19/USA/CA-CZB-11581/2020|2020-07-16|EPI_ISL_625550|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA
>Spike|hCoV-19/USA/MN-MDH-1829/2020|2020-09-18|EPI_ISL_602964|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA
>Spike|hCoV-19/England/LOND-12E84B2/2020|2020-12-06|EPI_ISL_741314|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spike|hCoV-19/England/QEUF-AOB751/2020|2020-10-01|EPI_ISL_599467|Original|hCoV-19^^England|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelensen|Denmark
>Spike|hCoV-19/Poland/76302/2020|2020-11-00|EPI_ISL_732865|Original|hCoV-19^^Poland|Human|genXone SA|genXone SA|Kaszuba|Poland
>Spike|hCoV-19/Wales/PHWC-497E5B/2020|2020-11-30|EPI_ISL_726985|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/CA-CSMC43/2020|2020-04-01|EPI_ISL_475655|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA
>Spike|hCoV-19/Wales/PHWC-359DA/2020|2020-04-24|EPI_ISL_474509|Original|hCoV-19^^England|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/QEUH-B4227A/2020|2020-11-08|EPI_ISL_657043|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/MILK-A46963/2020|2020-10-06|EPI_ISL_598352|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/New Zealand/20CV0601/2020|2020-11-20|EPI_ISL_682282|Original|hCoV-19^^Counties Manukau|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
>Spike|hCoV-19/England/ALDP-A938F1/2020|2020-10-20|EPI_ISL_611143|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/OXON-B35D0/2020|2020-03-21|EPI_ISL_534871|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/England/QEUH-B9F94C/2020|2020-11-18|EPI_ISL_720914|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/GA-QDX-597/2020|2020-03-17|EPI_ISL_571296|Original|hCoV-19^^Georgia|Human|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/Singapore/1340/2020|2020-06-05|EPI_ISL_648689|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore
>Spike|hCoV-19/England/ALDP-9BD9C2/2020|2020-09-09|EPI_ISL_568019|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/United Arab Emirates/skmc-3594464/2020|2020-09-13|EPI_ISL_582668|Original|hCoV-19^^United Arab Emirates|Human|Sheikh Khalifa Medical City|Molecular/ Surveillance lab\n Sheikh Khalifa Medical City|Amirtharaj|United Arab Emirates
>Spike|hCoV-19/New Zealand/20VR3161/2020|2020-03-23|EPI_ISL_579451|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
>Spike|hCoV-19/Switzerland/VD-ETHZ-260090/2020|2020-08-25|EPI_ISL_539411|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/USA/ME-HETL-J0242/2020|2020-09-28|EPI_ISL_755398|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA
>Spike|hCoV-19/Wales/QEUH-96BF94/2020|2020-08-14|EPI_ISL_531433|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Switzerland/GE-SNRCCI-7014/2020|2020-03-00|EPI_ISL_548183|Original|hCoV-19^^Geneve|Human|Laboratoire de Virologie|Swiss National Reference Centre for Influenza|Gon\u00e7alves Cabecinhas|Switzerland
>Spike|hCoV-19/Singapore/807/2020|2020-04-10|EPI_ISL_516807|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
>Spike|hCoV-19/South Africa/KRISP-K002553/2020|2020-07-29|EPI_ISL_535422|Original|hCoV-19^^KwaZulu-Natal|Human|N HLS-IALCH|KRISP|de Oliveira|South Africa
>Spike|hCoV-19/England/QEUH-B140E0/2020|2020-11-03|EPI_ISL_641617|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Silva
United Kingdom
19
England
Human
Virology Department
SARS-CoV-2 Genome Sequencing Center
O'Roak
USA

Spikes\hCoV-19\^Oregon\Human\OHSU Lab Services Molecular Microbiology Lab\Oregon SARS-CoV-2

Spikes\hCoV-19\^England\ALDP-B755C0\2020\11-12\EPI ISL 662129\Original\hCoV-19\^England\Human\Lighthouse Lab in Alderley Park\Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
Davies\United Kingdom

Spikes\hCoV-19\^England\QEUH-AD4979\2020\10-26\EPI ISL 634165\Original\hCoV-19\^England\Human\Lighthouse Lab in Glasgow\Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium
Davies\United Kingdom

Spikes\hCoV-19\^Canada\QC-LSFP-L00237135\2020\03-25\EPI ISL 536166\Original\hCoV-19\^Quebec\Human\CSSS Haut-Richelieu/Rouville (H\u00e9pital)\Laboratoire de sant\u00e9 publique du Qu\u00e9bec\Moreira\Canada

Spikes\hCoV-19\^California\USA\CA-QDX-92\2020\03-13\EPI ISL 468567\Original\hCoV-19\^California\Human\Quest Diagnostics\Quest Diagnostics\Kagan\USA

Spikes\hCoV-19\^Denmark\DCGC-16671\2020\11-09\EPI ISL 714275\Original\hCoV-19\^Hovedstaden\Human\Department of Virus and Microbiological Special Diagnostics\Albertsen Lab\Michaelelsen\Denmark

Spikes\hCoV-19\^England\MILK-9758E7\2020\08-20\EPI ISL 552648\Original\hCoV-19\^England\Human\Lighthouse Lab in Milton Keynes\Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium
Davies\United Kingdom

Spikes\hCoV-19\^England\MILK-49B024\2020\10-27\EPI ISL 742284\Original\hCoV-19\^Wales\Human\Wales Specialist Virology Centre Sequencing lab\COVID-19 Genomics UK (COG-UK) Consortium
Moore\United Kingdom

Spikes\hCoV-19\^Canada\QC-LSFP-L00237135\2020\03-25\EPI ISL 536166\Original\hCoV-19\^England\Human\Lighthouse Lab in Milton Keynes\Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium
Davies\United Kingdom

Spikes\hCoV-19\^England\MILK-49B024\2020\10-27\EPI ISL 742284\Original\hCoV-19\^Wales\Human\Wales Specialist Virology Centre Sequencing lab\COVID-19 Genomics UK (COG-UK) Consortium
Amato\United Kingdom

Spikes\hCoV-19\^Austria\CeMM1064\2020\03-13\EPI ISL 583877\Original\hCoV-19\^Austria\Human\Center for Virology\Bergthaler laboratory\Bergthaler\Austria

Spikes\hCoV-19\^Indonesia\SU-NIHRC-PME4760\2020\00-00\EPI ISL 538501\Original\hCoV-19\^North Sumatra\Human\RS Prima Husada Cipta Medan North Sumatra\National Institute of Health Research and Development\Setiawati\Indonesia

Spikes\hCoV-19\^Florida\USA\FL-BPML-1990\2020\04-10\EPI ISL 653143\Original\hCoV-19\^Florida\Human\Florida Bureau of Public Health Laboratories\Florida Bureau of Public Health Laboratories\Blunt\USA

Spikes\hCoV-19\^Denmark\DCGC-10761\2020\11-02\EPI ISL 670189\Original\hCoV-19\^Hovedstaden\Human\Department of Virus and Microbiological Special Diagnostics\Albertsen Lab\Michaelelsen\Denmark

Spikes\hCoV-19\^England\SHEF-10C607C\2020\12-21\EPI ISL 764103\Original\hCoV-19\^England\Human\Virology Department\COVID-19 Genomics UK (COG-UK) Consortium
de Silva\United Kingdom
>Spiek|hCoV-19/England/MILK-B8C13B/2020|2020-11-13|EPI_ISL_674198|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spiek|hCoV-19/England/ALDP-B75733/2020|2020-11-12|EPI_ISL_662194|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spiek|hCoV-19/USA/TX-HMH-4245/2020|2020-06-20|EPI_ISL_543458|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spiek|hCoV-19/Denmark/DGCC-17304/2020|2020-12-14|EPI_ISL_750893|Original|hCoV-19^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spiek|hCoV-19/England/CAMC-B0AA76/2020|2020-10-29|EPI_ISL_643352|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spiek|hCoV-19/England/CAMC-B54327/2020|2020-11-08|EPI_ISL_656804|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spiek|hCoV-19/Australia/VIC5491/2020|2020-08-22|EPI_ISL_574397|Original|hCoV-19^Victoria|Human|Melbourne Genomics Centre|COVID-19 Genomics and Epidemiology|Davies|Australia
>Spiek|hCoV-19/Australia/VIC5491/2020|2020-07-20|EPI_ISL_520237|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|Schultz|Australia
>Spiek|hCoV-19/Colombia/BOY-GUR-0206/2020|2020-03-26|EPI_ISL_447738|Original|hCoV-19^Boyaca|Human|Grupo de Investigaciones Microbiol\o00f1\u00f1icas-UR (GIMUR)|Grupo de Investigaciones Microbiol\u00f1\u00f1icas-UR (GIMUR)|Ram\u00edrez|Colombia
>Spiek|hCoV-19/Scotland/CVR70/2020|2020-03-09|EPI_ISL_425801|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spiek|hCoV-19/USA/CA-CZB-1219/2020|2020-03-18|EPI_ISL_450468|Original|hCoV-19^California|Human|Stanford clinical virology lab|Ch\u0103n-Zuckerberg Biohub|Hao|USA
>Spiek|hCoV-19/USA/IL-NM0103/2020|2020-03-21|EPI_ISL_444588|Original|hCoV-19^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA
>Spiek|hCoV-19/Australia/VIC7847/2020|2020-07-30|EPI_ISL_564698|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|Schultz|Australia
>Spiek|hCoV-19/England/CAMC-A81F3D/2020|2020-10-12|EPI_ISL_610842|Original|hCoV-19^England|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|Schultz|Australia
>Spiek|hCoV-19/Australia/VIC7847/2020|2020-07-30|EPI_ISL_564698|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|Schultz|Australia
>Spiek|hCoV-19/England/CAMC-B0AA76/2020|2020-10-29|EPI_ISL_643352|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spiek|hCoV-19/USA/TX-DHSS-0724/2020|2020-05-13|EPI_ISL_584127|Original|hCoV-19^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spiek|hCoV-19/England/CAMB-7B853/2020|2020-04-05|EPI_ISL_442170|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
Spike|hCoV-19|England|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|Scotland|QEUH-9630D5/2020|2020-08-11|EPI_ISL_531464|Original|hCoV-19
Spike|hCoV-19|Scotland|NHSSGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England|CAMC-94881A/2020|2020-07-16|EPI_ISL_556810|Original|hCoV-19
Spike|hCoV-19|England|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA/MA-MGH-00707/2020|2020-04-07|EPI_ISL_460106|Original|hCoV-19
Spike|hCoV-19|Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA
Spike|hCoV-19|Sweden/20-52419/2020|2020-07-17|EPI_ISL_560986|Original|hCoV-19
Spike|hCoV-19|Vasternorrland|Human|Sundsvalss sjukhus|The Public Health Agency of Sweden|Svartrstr|00f6m|Sweden
Spike|hCoV-19|Peru/JUN-INS-127/2020|2020-04-01|EPI_ISL_536525|Original|hCoV-19
Spike|hCoV-19|Junin|Human|Instituto Nacional de Salud|Laboratorio de Infecciones Respiratorias Aguadas|Lopez|Peru
Spike|hCoV-19|Australia/VIC9610/2020|2020-00-00|EPI_ISL_565624|Original|hCoV-19
Spike|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19|USA/WI-GMF-08126/2020|2020-06-26|EPI_ISL_489928|Original|hCoV-19
Spike|hCoV-19|Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA
Spike|hCoV-19|USA/FL-BPHL-1825/2020|2020-04-08|EPI_ISL_613912|Original|hCoV-19
Spike|hCoV-19|Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
Spike|hCoV-19|USA/AZ-TG268281/2020|2020-03-17|EPI_ISL_426503|Original|hCoV-19
Spike|hCoV-19|Arizona|Human|TGen North|TGen North|Lemmer|USA
Spike|hCoV-19|USA/OR-OHSU-1413/2020|2020-07-16|EPI_ISL_509195|Original|hCoV-19
Spike|hCoV-19|Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregen SARS-CoV-2 Genome Sequencing Center|O'Roak|USA
Spike|hCoV-19|Sweden/20-50259/2020|2020-03-07|EPI_ISL_455897|Original|hCoV-19
Spike|hCoV-19|Stockholm|Human|Karolinska Universitetslaboratoriets|The Public Health Agency of Sweden|Svartrstr|00f6m|Sweden
Spike|hCoV-19|Denmark/DGCC-1859/2020|2020-03-30|EPI_ISL_622597|Original|hCoV-19
Spike|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
Spike|hCoV-19|Australia/VIC13581/2020|2020-08-02|EPI_ISL_563764|Original|hCoV-19
Spike|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19|USA/UT-04141/2020|2020-05-13|EPI_ISL_493040|Original|hCoV-19
Spike|hCoV-19|Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA
Spike|hCoV-19|United Arab Emirates/0594/2020|2020-05-15|EPI_ISL_698752|Original|hCoV-19
Spike|hCoV-19|Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogodzki|United Arab Emirates
Spike|hCoV-19|Scotland/QEIH-2898A9/2020|2020-09-29|EPI_ISL_600601|Original|hCoV-19
Spike|hCoV-19|Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|India/OR-RMRC49/2020|2020-04-09|EPI_ISL_455478|Original|hCoV-19
Spike|hCoV-19|Odisha|Human|REGIONAL VRDL,ICMR-RMRC BBSR|Immunogenomics group|Raghav|India
>Spike|hCoV-19/England/LEED-2A824E/2020|2020-04-03|EPI_ISL_539092|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/England/ALDP-C3A72A/2020|2020-12-09|EPI_ISL_731530|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/Scotland/QEUH-87C2F2/2020|2020-07-17|EPI_ISL_532705|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/England/LiveE-A4A97/2020|2020-03-10|EPI_ISL_500067|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) consortium|Haldenby|United Kingdom
>SpIke|hCoV-19/England/MILK-C63755/2020|2020-12-13|EPI_ISL_735521|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/USA/TX-HMH-MCoV-12888/2020|2020-08-18|EPI_ISL_788040|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>SpIke|hCoV-19/England/MILK-AB8410/2020|2020-10-21|EPI_ISL_623447|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/Japan/PG-6164/2020|2020-08-00|EPI_ISL_689276|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>SpIke|hCoV-19/Denmark/ALAB-SS1-563/2020|2020-03-30|EPI_ISL_436971|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark
>SpIke|hCoV-19/England/CamC-A41CF6/2020|2020-10-06|EPI_ISL_609413|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/England/ALDP-BC62D8/2020|2020-11-23|EPI_ISL_721224|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/USA/NM-DOH-2020326795/2020|2020-09-03|EPI_ISL_575301|Original|hCoV-19^^New Mexico|Human|Molecular Biology|Molecular Biology|Johnson|USA
>SpIke|hCoV-19/USA/TX-HMH-MCoV-8666/2020|2020-07-02|EPI_ISL_780687|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>SpIke|hCoV-19/Czech Republic/NRL-10288/2020|2020-10-22|EPI_ISL_660557|Original|hCoV-19^^Prague|Human|The National Institute of Public Health|State Veterinary Institute Prague|Nagy|Czech Republic
>SpIke|hCoV-19/Iceland/66/2020|2020-03-07|EPI_ISL_417857|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|Júníusfónssson|Iceland
>SpIke|hCoV-19/USA/MI-MDHS-SC22340/2020|2020-11-16|EPI_ISL_708320|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA
>SpIke|hCoV-19/Canada/NS-NML-1245/2020|2020-04-05|EPI_ISL_579637|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Major|Canada
>SpIke|hCoV-19/England/ALDP-B24144/2020|2020-11-04|EPI_ISL_647089|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/England/BRIS-126003/2020|2020-04-10|EPI_ISL_459022|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/England/NORW-F2906/2020|2020-11-10|EPI_ISL_650880|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) consortium|Alikhan|United Kingdom
>SpIke|hCoV-19/Wales/PWWC-496E01/2020|2020-11-24|EPI_ISL_726733|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom
>Spike|hCoV-19/Germany/BE-ChVirus/W1699-8236/2020|2020-07-29|EPI_ISL_753708|Original|hCoV-19^Germany|University of Muenster|Germany
>Ontario|Human|Kingston Health Sciences Centre and Queen's University|Ontario Institute for Cancer Research|de Borja|Canada
>Spikes|hCoV-19/USA/MIDHHSS-SC20232/2020|2020-03-24|EPI_ISL_447202|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spikes|hCoV-19/England/QEUH-AD4478/2020|2020-10-26|EPI_ISL_634702|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/England/CAMB-15S26/2020|2020-08-13|EPI_ISL_516994|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spikes|hCoV-19/England/CAMB-77EDD/2020|2020-04-01|EPI_ISL_441204|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spikes|hCoV-19/USA/CA-LACPHL-AA00008/2020|2020-08-04|EPI_ISL_710106|Original|hCoV-19^California|Human|Los Angeles County PHL|Los Angeles County PHL|Hemarajata|USA
>Spikes|hCoV-19/Luxembourg/LNS2954433/2020|2020-12-27|EPI_ISL_771060|Original|hCoV-19^Luxembourg|Human|Laboratoire national de santé|Laboratoire national de santé|Wienecke-Baldacchino|Luxembourg
>Spikes|hCoV-19/Gambia/GC19-2526/2020|2020-07-21|EPI_ISL_561114|Original|hCoV-19^Gambia|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia
>Spikes|hCoV-19/Russia/MOW-RII-MH20555/2020|2020-09-24|EPI_ISL_602391|Original|hCoV-19^Moscow|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Spikes|hCoV-19/England/QEUH-A4BC83/2020|2020-10-05|EPI_ISL_628520|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spikes|hCoV-19/Bahrain/340861249/2020|2020-10-14|EPI_ISL_682311|Original|hCoV-19^Bahrain|Human|Communicable Disease Laboratory|Communicable Disease Laboratory|Altaif|Bahrain
>Spikes|hCoV-19/Finland/24SS4D3/2020|2020-09-24|EPI_ISL_759832|Original|hCoV-19^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland
>Spikes|hCoV-19/USA/LA-CDC-2147/2020|2020-05-29|EPI_ISL_535354|Original|hCoV-19^Louisiana|Human|LA Office of Public Health Laboratories|Pathogen Discovery|Queen|USA
>Spikes|hCoV-19/USA/TX-HMH-MCOV-8674/2020|2020-07-01|EPI_ISL_780692|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spikes|hCoV-19/Singapore/715/2020|2020-07-19|EPI_ISL_498613|Original|hCoV-19^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
>Spikes|hCoV-19/England/LIVE-1DD7CA/2020|2020-10-02|EPI_ISL_611568|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spikes|hCoV-19/England/SHEF-CBF8C/2020|2020-10-26|EPI_ISL_650674|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spikes|hCoV-19/England/ALDP-A2E58B/2020|2020-10-05|EPI_ISL_586757|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/USA/TX-HMH-6854/2020|2020-06-25|EPI_ISL_546292|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spikes|hCoV-19/Japan/PG-0641/2020|2020-04-00|EPI_ISL_684251|Original|hCoV-19^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Australia/VIC10831/2020|2020-00-00|EPI_ISL_563116|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/CAMB-A97E37/2020|2020-12-12|EPI_ISL_764332|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/England/QEUH-9C85EE/2020|2020-09-11|EPI_ISL_567107|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-2B2AF/2020|2020-04-08|EPI_ISL_432291|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/France/PAC-IHU-1160/2020|2020-08-12|EPI_ISL_569065|Original|hCoV-19^^Provence-Alpes-Côte d'Azur|Human|MEPHI|MEPHI|Levasseur|France
>Spike|hCoV-19/Wales/PHWC-48547C/2020|2020-10-25|EPI_ISL_627015|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/mink/Denmark/AL64-Farm1/2020|2020-06-17|EPI_ISL_626349|Original|hCoV-19^^Denmark|Neovision vison|Statens Serum Institute|Statens Serum Institute|Rasmussen|Denmark
>Spike|hCoV-19/USA/WA-UW-1729/2020|2020-03-21|EPI_ISL_424220|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychowdhury|USA
>Spike|hCoV-19/Luxembourg/LNS6321145/2020|2020-12-28|EPI_ISL_771133|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de santé|Laboratoire national de santé|Wienecke|Luxembourg
>Spike|hCoV-19/Scotland/EDB108/2020|2020-03-22|EPI_ISL_425896|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spike|hCoV-19/England/CAMB-72F0C/2020|2020-03-23|EPI_ISL_439954|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/England/QEUH-BOE474/2020|2020-11-02|EPI_ISL_642162|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMC-A64A3F/2020|2020-10-10|EPI_ISL_608906|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-12667/2020|2020-11-16|EPI_ISL_682848|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/ALDP-9D7AFC/2020|2020-09-17|EPI_ISL_576612|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Goldubchik|United Kingdom
>Spike|hCoV-19/Australia/NSW804/2020|2020-04-03|EPI_ISL_526146|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spike|hCoV-19/USA/WI-UW-788/2020|2020-07-03|EPI_ISL_495492|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/USA/TX-DSHS-1005/2020|2020-07-03|EPI_ISL_613985|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spike|hCoV-19/England/QEUH-A48CC2/2020|2020-10-05|EPI_ISL_595917|Original|hCoV-19^^England|Human|Quadram Institute BioScience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/USA/CA-CSMC19/2020|2020-03-25|EPI_ISL_475628|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA
Spike|hCoV-19/England/PORT-2D4FE8/2020|2020-00-00|EPI_ISL_741672|Original|hCoV-19^ England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
Spike|hCoV-19/Scotland/EDB10124/2020|2020-10-16|EPI_ISL_680484|Original|hCoV-19^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
Spike|hCoV-19/England/NOTT-1116CD/2020|2020-05-21|EPI ISL 461908|Original|hCoV-19^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
Spike|hCoV-19/India/MH-NIV-11182/2020|2020-04-18|EPI_ISL_454521|Original|hCoV-19^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India
Spike|hCoV-19/France/IDF-10036BG/2020|2020-03-00|EPI_ISL_447660|Original|hCoV-19^France|Human|H\u00f4pital Henri-Mondor Ap-Hp|H\u00f4pital Henri-Mondor Ap-Hp|Rodriguez|France
Spike|hCoV-19/Australia/VIC4468/2020|2020-07-16|EPI_ISL_519764|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19/Denmark/DGCC-10342/2020|2020-11-02|EPI_ISL_669912|Original|hCoV-19^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
Spike|hCoV-19/USA/CA-LACPHL-AA00038/2020|2020-10-27|EPI_ISL_710422|Original|hCoV-19^California|Human|Los Angeles County PHL|Los Angeles County PHL|Hemarajata|USA
Spike|hCoV-19/England/ALDP-A86008/2020|2020-10-17|EPI_ISL_606041|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/NY-Wadsworth-290718-001/2020|2020-12-21|EPI_ISL_767548|Original|hCoV-19^New York|Human|URMC LABS|Wadsworth Center|Lasek-Nesselquist|USA
Spike|hCoV-19/Spain/PV-IVB-000677/2020|2020-03-05|EPI_ISL_452781|Original|hCoV-19^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz, |SeqCOVID-SPAIN consortium/IVB (CSIC)|Comas|Spain
Spike|hCoV-19/Australia/VIC2304/2020|2020-06-25|EPI_ISL_522025|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19/Australia/VIC11343/2020|2020-08-24|EPI_ISL_563339|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19/England/ALDP-9ECE43/2020|2020-05-05|EPI_ISL_589548|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Wales/PHWC-32BB9/2020|2020-04-15|EPI_ISL_446661|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
Spike|hCoV-19/England/QEUH-AA0071/2020|2020-10-20|EPI_ISL_652704|Original|hCoV-19^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
Spike|hCoV-19/England/CAMB-1ACC98/2020|2020-04-22|EPI_ISL_489422|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/MI-QDX-900/2020|2020-03-19|EPI_ISL_571621|Original|hCoV-19^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
Spike|hCoV-19/England/204881370/2020|2020-11-25|EPI_ISL_754296|Original|hCoV-19^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
Spike|hCoV-19/Iceland/78/2020|2020-03-09|EPI_ISL_417863|Original|hCoV-19^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f6nsson|Iceland
Spike|hCoV-19/United Arab Emirates/0915/2020|2020-06-26|EPI_ISL_699053|Original|hCoV-19^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
>Spike\hCoV-19/USA/TX-DSHS-1850/2020|2020-06-23|EPI_ISL_745288|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|USA
>Spick\hCoV-19/USA/AZ-TG664261/2020|2020-04-28|EPI_ISL_696063|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA
>Spick\hCoV-19/Japan/PG-2742/2020|2020-04-04|EPI_ISL_690874|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spick\hCoV-19/USA/CA-CZB-3755/2020|2020-07-27|EPI_ISL_548467|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA
>Spick\hCoV-19/England/QEUH-B67594/2020|2020-11-11|EPI_ISL_662339|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spick\hCoV-19/Scotland/EDB4275/2020|2020-04-20|EPI_ISL_487841|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spick\hCoV-19/USA/AZ-TG491509/2020|2020-06-18|EPI_ISL_695133|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA
>Spick\hCoV-19/Israel/CVL-n26425/2020|2020-07-21|EPI_ISL_514300|Original|hCoV-19^^Jerusalem District|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel
>Spick\hCoV-19/Canada/NS-NML-1374/2020|2020-04-15|EPI_ISL_579750|Original|hCoV-19^^Nova Scotia|Human|QEI Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada
>Spick\hCoV-19/England/20100022706/2020|2020-02-29|EPI_ISL_415136|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spick\hCoV-19/England/CAMC-A5810C/2020|2020-10-08|EPI_ISL_597130|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spick\hCoV-19/USA/WI-UW-872/2020|2020-07-06|EPI_ISL_509874|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczewas|USA
>Spick\hCoV-19/India/GJ-GBRC356/2020|2020-06-25|EPI_ISL_514605|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India
>Spick\hCoV-19/Canada/ON-S1493/2020|2020-08-00|EPI_ISL_770844|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
>Spick\hCoV-19/England/QEUH-5ED5D8/2020|2020-06-16|EPI_ISL_581439|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spick\hCoV-19/USA/MI-MDHHS-SC22256/2020|2020-11-04|EPI_ISL_666922|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA
>Spick\hCoV-19/England/QEUH-B6800B/2020|2020-11-11|EPI_ISL_662064|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spick\hCoV-19/United Arab Emirates/skmc-205223/2020|2020-04-19|EPI_ISL_582634|Original|hCoV-19^^United Arab Emirates|Human|Sheikh Khalifa Medical City|Molecular/Surveillance lab\nSheikh Khalifa Medical City|Amirtharaj|United Arab Emirates
>Spike|hCoV-19/Wales/PHWC-164DD5/2020|2020-05-27|EPI_ISL_479382|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spitc|hCoV-19/USA/SC-20-1278-707/2020|2020-06-30|EPI_ISL_516754|Original|hCoV-19^^South Carolina|Human|van Bakel Laboratory|van Bakel Laboratory|van Bakel|USA

>Spitc|hCoV-19/England/CMC-CB1A9/2020|2020-11-22|EPI_ISL_705195|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spitc|hCoV-19/England/MILK-95D900/2020|2020-06-20|EPI_ISL_556211|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spitc|hCoV-19/Northern Ireland/NIRE-233FF6/2020|2020-10-14|EPI_ISL_680332|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spitc|hCoV-19/Portugal/PT0574/2020|2020-03-29|EPI_ISL_454297|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spitc|hCoV-19/Netherlands/ZH-RIVM-20365/2020|2020-12-07|EPI_ISL_728585|Original|hCoV-19^^Zuid-holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spitc|hCoV-19/Iceland/101/2020|2020-03-10|EPI_ISL_417682|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f6rhnsson|Iceland

>Spitc|hCoV-19/Wales/PHWC-34188/2020|2020-04-17|EPI_ISL_446880|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spitc|hCoV-19/England/QEUH-B405DD/2020|2020-11-08|EPI_ISL_657342|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spitc|hCoV-19/Australia/VIC974/2020|2020-03-28|EPI_ISL_430659|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spitc|hCoV-19/Scotland/QEUH-AD0694/2020|2020-10-24|EPI_ISL_644003|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spitc|hCoV-19/Australia/NWS1093/2020|2020-08-26|EPI_ISL_593682|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spitc|hCoV-19/Scotland/QEUH-533694/2020|2020-05-18|EPI_ISL_532221|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spitc|hCoV-19/Sweden/20-22296/2020|2020-03-28|EPI_ISL_660393|Original|hCoV-19^^Ostergotland|Human|Klinik mikrobiologi Linkoping|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spitc|hCoV-19/England/BOF1C7/2020|2020-11-02|EPI_ISL_642500|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spitc|hCoV-19/Japan/PG-7967/2020|2020-05-00|EPI_ISL_687068|Original|hCoV-19^^Japan|Human|Kanagawa Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/BRIS-126C0F/2020|2020-04-10|EPI ISL_459003|Original|hCoV-19
>England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>COVID-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>COVID-19
>England|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>COVID-19
>England|Human|Pathogen Genomics Center; Westmead Hospital; University of Sydney|Gall|Australia
>COVID-19
>England|Human|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA/NY-NYCPH0L-000302/2020|2020-03-14|EPI_ISL_631829|Original|hCoV-19^New York|Human|Brookdale University Hospital Medical Center|New York City Public Health Laboratory|Wang|USA
Spike|hCoV-19|Australia/VIC4475/2020|2020-07-17|EPI_ISL_519771|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19|Denmark/DGCC-17922/2020|2020-12-14|EPI_ISL_749645|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen|Michaelsen|Denmark
Spike|hCoV-19|Australia/VIC17407/2020|2020-08-17|EPI_ISL_663874|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19|USA/CA-CZB-1414/2020|2020-03-16|EPI_ISL_468389|Original|hCoV-19^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Hao|USA
Spike|hCoV-19|Denmark/DGCC-9584/2020|2020-11-09|EPI_ISL_669050|Original|hCoV-19^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen|Michaelsen|Denmark
Spike|hCoV-19|Peru/LIM_UPCH-0196/2020|2020-10-14|EPI_ISL_729890|Original|hCoV-19^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Genovás|Micaela Microbianal|Tsukayama|Peru
Spike|hCoV-19|USA/TX-HMH-3040/2020|2020-05-31|EPI_ISL_543952|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|England/ALDP-B8318F/2020|2020-11-14|EPI_ISL_675624|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|USA/OR-OHSU-0433/2020|2020-05-26|EPI_ISL_509136|Original|hCoV-19^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O’Roak|USA
Spike|hCoV-19|England/QEUEH-B0EA45/2020|2020-11-02|EPI_ISL_641951|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|USA/NM-UNM-00859/2020|2020-05-06|EPI_ISL_610256|Original|hCoV-19^New Mexico|Human|TriCore Reference Laboratories|Center for Global Health|Domman|USA
Spike|hCoV-19|Belgium/rega-12141409/2020|2020-12-14|EPI_ISL_738461|Original|hCoV-19^Boechout|Human|UZ Leuven|KU Leuven|Maes|Belgium
Spike|hCoV-19|England/QEUEH-9B49CB/2020|2020-09-03|EPI_ISL_590339|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/ALDP-A6EC02/2020|2020-10-15|EPI_ISL_607106|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/MILK-9C3DEB/2020|2020-09-09|EPI_ISL_566865|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA/CA-ALSR-0926-IPL/2020|2020-04-27|EPI_ISL_483417|Original|hCoV-19^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA
Spike|hCoV-19|Switzerland/BL-ETHZ-270140/2020|2020-08-28|EPI_ISL_541451|Original|hCoV-19^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
Spike|hCoV-19|USA/MI-MDHHS-SC20253/2020|2020-03-24|EPI_ISL_447223|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
Spike|hCoV-19|England/CAMC-B33AA1/2020|2020-11-05|EPI_ISL_659288|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|Bangladesh/CHRF-0062/2020|2020-07-24|EPI_ISL_625475|Original|hCoV-19^Bangladesh|Human|Child Health Research Foundation|Child Health Research Foundation|Saha|Bangladesh
>Spike|hCoV-19/USA/AL-CDC-2-3714561/2020|2020-11-04|EPI_ISL_751647|Original|hCoV-19^^Alabama|Human|AL Dept. of Public Health Bureau of Clinical Laboratories|Genomics and Discovery|Queen|USA
>Spike|hCoV-19/USA/VA-DCLS-2149/2020|2020-10-28|EPI_ISL_734235|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA
>Spike|hCoV-19/India/GJ-GBRC-422b/2020|2020-07-14|EPI_ISL_586552|Original|hCoV-19^^Gujarat|Human|Government Hospital, Veraval |Gujarat Biotechnology Research Centre|Joshi|India
>Spike|hCoV-19/England/NORT-28413C/2020|2020-05-05|EPI_ISL_472267|Original|hCoV-19^^England|Human|Northumbria University |South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust |COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/USA/MN-MDH-1641/2020|2020-05-21|EPI_ISL_539835|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health |Minnesota Department of Health |Garfin|USA
>Spike|hCoV-19/USA/CA-IGI-0609/2020|2020-08-01|EPI_ISL_677845|Original|hCoV-19^^California|Human|Innovative Genomics Institute |Innovative Genomics Institute |Wyman|USA
>Spike|hCoV-19/Denmark/DCGC-5013/2020|2020-09-21|EPI_ISL_621809|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics |Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Japan/PG-1702/2020|2020-04-00|EPI_ISL_685308|Original|hCoV-19^^Japan|Human|Niigata Prefectural Institute of Public Health and Environmental Sciences |Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/MILK-9AAD71/2020|2020-09-01|EPI_ISL_550971|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes |Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium |Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-11022/2020|2020-11-02|EPI_ISL_669484|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics |Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/QEUH-B68AA3/2020|2020-11-11|EPI_ISL_655239|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow |Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium |Davies|United Kingdom
>Spike|hCoV-19/England/CAMC-941A39/2020|2020-07-22|EPI_ISL_556831|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge |Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium |Davies|United Kingdom
>Spike|hCoV-19/USA/ALZ-TG276594/2020|2020-04-15|EPI_ISL_694118|Original|hCoV-19^^Arizona|Human |AZ SPHL|TGen North |French|USA
>Spike|hCoV-19/England/QEUH-96CBB6/2020|2020-08-21|EPI_ISL_530719|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow |Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium |Davies|United Kingdom
>Spike|hCoV-19/USA/LA-GBCL-26791709/2020|2020-04-04|EPI_ISL_485330|Original|hCoV-19^^Louisiana|Human |River Road Testing Lab |Ginkgo Bioworks Clinical Laboratory |Smith|USA
>Spike|hCoV-19/Russia/MOS-CRIE-13385401/2020|2020-11-07|EPI_ISL_732670|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science «Central Research Institute of Epidemiology» of the Federal Service on Customers' Rights Protection and Human Well-being Surveillance |Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiolog |Korneenko |Russia
>Spike|hCoV-19/USA/CA-ALSR-3304/2020|2020-09-21|EPI_ISL_635954|Original|hCoV-19^^California|Human |San Diego County Public Health Laboratory |Andersen lab at Scripps Research |Gangavarapu|USA
>Spike|hCoV-19/Netherlands/ZH-EMC-1119/2020|2020-12-11|EPI_ISL_763198|Original|hCoV-19^^Zuid Holland|Human |Dutch COVID-19 response team |Erasmus Medical Center |Oude Munnink|Netherlands


>Spike|hCoV-19/Wales/PHWC-160832/2020|2020-05-24|EPI_ISL_472983|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spicke|hCoV-19/Belgium/rega-0427424/2020|2020-04-27|EPI_ISL_476992|Original|hCoV-19^^England|Human|Kersbeek-miskom|Human|Department of Virus and Microbiological Special
>Spicke|hCoV-19/Wales/PHWC-28415/2020|2020-03-27|EPI_ISL_432029|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spice|hCoV-19/France/NAQ-SC597/2020|2020-05-12|EPI_ISL_663241|Original|hCoV-19^^France|Human|Diagnoses in France - France SUD|Bal|France
>Spice|hCoV-19/USA/OR-PROV-040/2020|2020-03-27|EPI_ISL_482322|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory
>Spice|hCoV-19/Scotland/QEUH-98F5F2/2020|2020-08-27|EPI_ISL_568439|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spicke|hCoV-19/Switzerland/BL-ETHZ-380273/2020|2020-11-22|EPI_ISL_721782|Original|hCoV-19^^Switzerland|Human|Basel-Landschaft|Human|Violler AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spicke|hCoV-19/USA/TX-HMH-MCoV-8321/2020|2020-07-07|EPI_ISL_784330|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spicke|hCoV-19/USA/LA-GBCL-26556546/2020|2020-04-15|EPI_ISL_485183|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA
>Spicke|hCoV-19/USA/TX-HMH-6863/2020|2020-06-26|EPI_ISL_546299|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spicke|hCoV-19/Japan/IC-0326/2020|2020-08-00|EPI_ISL_667755|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spicke|hCoV-19/England/BRIS-12616A/2020|2020-04-09|EPI_ISL_459081|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spicke|hCoV-19/England/CAMB-79837/2020|2020-04-01|EPI_ISL_441805|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spicke|hCoV-19/England/QEUH-B67E8A/2020|2020-11-11|EPI_ISL_661615|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spicke|hCoV-19/United Arab Emirates/0943/2020|2020-06-27|EPI_ISL_699079|Original|hCoV-19^^United Arab Emirates|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrowdzki|United Arab Emirates
>Spicke|hCoV-19/England/ALDP-4F7C9B/2020|2020-06-24|EPI_ISL_559156|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spicke|hCoV-19/England/MILK-62AE79/2020|2020-07-05|EPI_ISL_557963|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spicke|hCoV-19/England/MILK-AC8529/2020|2020-10-21|EPI_ISL_629677|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spicke|hCoV-19/England/Sjaelland-19831/2020|2020-12-07|EPI_ISL_747817|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/CAMB-1BACD3/2020|2020-11-12|EPI-ISL_664315|Original|hCoV-19|England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/Japan/NGY-NHH-048/2020|2020-08-25|EPI-ISL_637014|Original|hCoV-19|England|Human|Department of Infectious Diseases and Immunology|Clinical Research Center|Iwata|Japan
>Spike|hCoV-19/England/QUH-B12FE5/2020|2020-11-02|EPI-ISL_641727|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-956D56/2020|2020-06-08|EPI-ISL_554291|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Northern Ireland/LIVE-1DE0FB/2020|2020-10-09|EPI-ISL_61999|Original|hCoV-19|Northern Ireland|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/USA/CA-CZB-15428/2020|2020-12-02|EPI-ISL_739341|Original|hCoV-19|California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA
>Spike|hCoV-19/Switzerland/ZH-ETHZ-270147/2020|2020-08-28|EPI-ISL_541528|Original|hCoV-19|Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/England/MILK-A46857/2020|2020-10-06|EPI-ISL_598767|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/EDB3876/2020|2020-05-01|EPI-ISL_491573|Original|hCoV-19|Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Switzerland/BE-ETHZ-410563/2020|2020-11-26|EPI-ISL_737735|Original|hCoV-19|Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/Argentina/argenTAG-12CF5045/2020|2020-07-22|EPI-ISL_648212|Original|hCoV-19|Buenos Aires|Human|INBIRS-UBA|Laboratorio Mixto de Biotecnologia|u00eda Acu|u00e1tica (LMBA)|Ezpeleta|Argentina
>Spike|hCoV-19/USA/LA-GBC1-2654565/2020|2020-04-18|EPI-ISL_485138|Original|hCoV-19|Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA
>Spike|hCoV-19/Denmark/DCGC-5628/2020|2020-09-28|EPI-ISL_619915|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/MI-MDHHS-SC22358/2020|2020-11-09|EPI-ISL_708338|Original|hCoV-19|Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA
>Spike|hCoV-19/USA/WI-WSLH-200409/2020|2020-07-28|EPI-ISL_578573|Original|hCoV-19|Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA
>Spike|hCoV-19/England/QUH-96B037/2020|2020-08-14|EPI-ISL_531348|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/QUH-9CA485/2020|2020-09-10|EPI-ISL_567304|Original|hCoV-19|Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Netherlands/NoordBrabant_95/2020|2020-03-17|EPI-ISL_422889|Original|hCoV-19|Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/USA/NV-NSPHEL-A0164/2020|2020-05-15|EPI-ISL_515426|Original|hCoV-19|Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA
>Spike|hCoV-19/Taiwan/CGMH-CGU-18/2020|2020-03-18|EPI-ISL_424974|LLC-MK2|hCoV-19|Taoyuan|Human|Laboratory Medicine|Department of Laboratory Medicine|Yi Chun|Taiwan
>Spike|hCoV-19|India/MH-ACTREC-276/2020|2020-07-10|EPI_ISL_699928|Original|hCoV-19
>Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
>Spike|hCoV-19/Romania/ROSV_3169/2020|2020-04-18|EPI_ISL_491065|Original|hCoV-19
>^Suceava|Human|Suceava County Emergency Hospital\|\ Stefan cel Mare\ University
>Metagenomics Lab|Lobiuc|Romania
>Spike|hCoV-19/Wales/MILK-A4455D/2020|2020-10-05|EPI_ISL_609300|Original|hCoV-19
>^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-B5BBEC/2020|2020-11-09|EPI_ISL_655282|Original|hCoV-19
>^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Belgium/UGent-334/2020|2020-12-14|EPI_ISL_745219|Original|hCoV-19
>^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium
>Spike|hCoV-19/USA/WA-QDX-563/2020|2020-03-18|EPI_ISL_571403|Original|hCoV-19
>^Washington|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/Wales/MILK-9E04C5/2020|2020-09-20|EPI_ISL_601322|Original|hCoV-19
>^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/IC-0171/2020|2020-09-09|EPI_ISL_667600|Original|hCoV-19
>^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/USA/NM-NMDOH-2020321221/2020|2020-09-03|EPI_ISL_569630|Original|hCoV-19
>^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA
>Spike|hCoV-19/England/CAMC-B51CC5/2020|2020-11-06|EPI_ISL_657964|Original|hCoV-19
>^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC2821/2020|2020-07-02|EPI_ISL_521652|Original|hCoV-19
>^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Netherlands/NB-EMC-381/2020|2020-09-28|EPI_ISL_722835|Original|hCoV-19
>^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/England/LIVE-AA78B/2020|2020-03-24|EPI_ISL_517499|Original|hCoV-19
>^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/England/CAMB-71F85/2020|2020-03-28|EPI_ISL_439656|Original|hCoV-19
>^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/USA/CA-C2B-2462/2020|2020-05-21|EPI_ISL_513867|Original|hCoV-19
>^California|Human|San Francisco Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA
>Spike|hCoV-19/Senegal/62874/2020|2020-06-11|EPI_ISL_476495|Original|hCoV-19
>^Dakar|Human|Institut Pasteur Dakar|Institut Pasteur de Dakar|Dia|Senegal
>Spike|hCoV-19/USA/MI-MDHHS-SC21434/2020|2020-03-24|EPI_ISL_507688|Original|hCoV-19
>^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/Scotland/CVR5287/2020|2020-10-27|EPI_ISL_650477|Original|hCoV-19
>^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/England/QEUH-B4174F/2020|2020-11-08|EPI_ISL_658455|Original|hCoV-19
>^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-9D50A1/2020|2020-09-17|EPI_ISL_577046|Original|hCoV-19
>^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike|hCoV-19/Spain/PV-IBV-98007718/2020|2020-09-18|EPI_ISL_582040|Original|hCoV-19
>^Basque Country|Human|Servicio de Microbiologia\u00eda. Hospital Universitario
Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
> Spike|hCoV-19/USA/TX-HMW-6393/2020|2020-07-05|EPI_ISL_545966|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19/England/CMAC-A57FB8/2020|2020-10-09|EPI_ISL_597051|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/CMAC-B98D0/2020|2020-11-15|EPI_ISL_673610|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Argentina/Heritas_HG007/2020|2020-05-09|EPI_ISL_476565|Original|hCoV-19^^Ciudad Autonoma de Buenos Aires|Human|Hospital de Pediatría\u00eda|Prof. Dr. Juan P Garrah\u00edaí\u00edtas|Rohr|Argentina
> Spike|hCoV-19/Spain/MD-IBV-99009637/2020|2020-10-27|EPI_ISL_654373|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1al\u00eda|u00f1o3|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
> Spike|hCoV-19/USA/NY-NYCPHL-000165/2020|2020-04-09|EPI_ISL_631701|Original|hCoV-19^^New York|Human|Flushing Hospital Medical Center|New York City Public Health Laboratory|Wang|USA
> Spike|hCoV-19/England/2019060604/2020|2020-05-04|EPI_ISL_465624|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
> Spike|hCoV-19/Lithuania/C20-05-R8/2020|2020-05-21|EPI_ISL_560403|Original|hCoV-19^^Vilnius r.|Human|Vilnius University Hospital Santaros Klinikos|Institute of Biotechnology|Timinskas|Lithuania
> Spike|hCoV-19/Denmark/DGCC-14272/2020|2020-11-30|EPI_ISL_711114|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
> Spike|hCoV-19/Australia/NSW959/2020|2020-09-09|EPI_ISL_545031|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
> Spike|hCoV-19/USA/NY-NYUMC585/2020|2020-03-30|EPI_ISL_444702|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
> Spike|hCoV-19/South Korea/KDCA0399/2020|2020-11-08|EPI_ISL_760183|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases;Division of Emerging Infectious Diseases;Park|South Korea
> Spike|hCoV-19/Wales/ALDP-BC640F/2020|2020-11-20|EPI_ISL_767322|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park;Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Luxembourg/LNS1908675/2020|2020-11-13|EPI_ISL_740019|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9Wienecke-Baldacchino|Luxembourg
> Spike|hCoV-19/Germany/NW-HHU-463/2020|2020-12-11|EPI_ISL_770697|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum GBR|\u00fcnerf Labormedizin|Center of Medical Microbiology|Wienemann|Germany
> Spike|hCoV-19/Wales/PHWC-482BB6/2020|2020-10-21|EPI_ISL_613272|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab;COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom
> Spike|hCoV-19/USA/CA-ALS-0830-SAN/2020|2020-03-31|EPI_ISL_483386|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA
> Spike|hCoV-19/Canada/BC_19518330/2020|2020-03-00|EPI_ISL_462765|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory;BCCDC Public Health Laboratory|Harrigan|Canada
> Spike|hCoV-19/England/CMAC-C9224D/2020|2020-12-21|EPI_ISL_771133|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge;Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/mink/Netherlands/NE-EMC-1-4/2020|2020-04-28|EPI_ISL_523016|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
> Spike|hCoV-19/Switzerland/ZH-ETHZ-270183/2020|2020-08-29|EPI_ISL_541530|Original|hCoV-19^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
> Spike|hCoV-19/USA/WA-UW-12832/2020|2020-06-29|EPI_ISL_570908|Original|hCoV-19^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
> Spike|hCoV-19/England/MILK-9A7FF6/2020|2020-09-02|EPI_ISL_573252|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
> Spike|hCoV-19/USA/NY-PV08148/2020|2020-03-14|EPI_ISL_421365|Original|hCoV-19^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA
> Spike|hCoV-19/Hungary/UD-7417/2020|2020-04-08|EPI_ISL_476075|Original|hCoV-19^Heves County|Human|University of Debrecen|National Laboratory of Virology|Kemenesi|Hungary
> Spike|hCoV-19/England/MILK-B3DC65/2020|2020-11-01|EPI_ISL_706251|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
> Spike|hCoV-19/Wales/PHHC-168A8F/2020|2020-05-28|EPI_ISL_494323|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Scotland/EDB11074/2020|2020-12-15|EPI_ISL_742200|Original|hCoV-19^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
> Spike|hCoV-19/USA/WA-S60/2020|2020-03-02|EPI_ISL_417113|Original|hCoV-19^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
> Spike|hCoV-19/USA/TX-DHSH-0062/2020|2020-05-09|EPI_ISL_517993|Original|hCoV-19^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
> Spike|hCoV-19/England/CAMB-1AA30E/2020|2020-04-16|EPI_ISL_443656|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
> Spike|hCoV-19/Ireland/D-NVRL-771RL69365/2020|2020-11-05|EPI_ISL_752514|Original|hCoV-19^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland
> Spike|hCoV-19/Netherlands/NH-EMC-53/2020|2020-08-31|EPI_ISL_577849|Original|hCoV-19^Noord Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
> Spike|hCoV-19/Scotland/EDB8297/2020|2020-10-11|EPI_ISL_594843|Original|hCoV-19^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
> Spike|hCoV-19/USA/TX-DHSH-1241/2020|2020-07-28|EPI_ISL_676615|Original|hCoV-19^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
> Spike|hCoV-19/England/ALDP-95C29D/2020|2020-06-17|EPI_ISL_554883|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/ALDP-A95DB4/2020|2020-10-20|EPI_ISL_624648|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Australia/VIC12682/2020|2020-07-28|EPI_ISL_592054|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19/Scotland/CV44434/2020|2020-09-15|EPI_ISL_585304|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
> Spike|hCoV-19/Canada/BC_04020783/2020|2020-04-00|EPI_ISL_466761|Original|hCoV-19^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada
>Spike|hCoV-19/England/QEUH-CC9B24/2020|2020-12-23|EPI_ISL_781918|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spikes|hCoV-19/England/ALDP-CECA97/2020|2020-12-21|EPI_ISL_782242|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spikes|hCoV-19/India/WB-IK65/2020|2020-05-12|EPI_ISL_508389|Original|hCoV-19
^West Bengal|Human|Institute of Post Graduate Medical Education & Research|National Institute of Biomedical Genomics|Maitra|India
>Spikes|hCoV-19/USA/SC-DHEC-1129/2020|2020-07-10|EPI_ISL_574574|Original|hCoV-19
^South Carolina|Human|Microbiology Division|Microbiology Division|Flores|USA
>Spikes|hCoV-19/USA/CA-CZB-2525/2020|2020-04-29|EPI_ISL_513900|Original|hCoV-19
^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA
>Spikes|hCoV-19/USA/BRIS-12AB2C/2020|2020-05-01|EPI_ISL_458352|Original|hCoV-19
^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/USA/TX-HMH-MCoV-15272/2020|2020-10-19|EPI-ISL_786756|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spikes|hCoV-19/Chile/RM-83540/2020|2020-05-31|EPI_ISL_746796|Original|hCoV-19
^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile
>Spikes|hCoV-19/England/MILK-B95CE3/2020|2020-11-14|EPI_ISL_674874|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spikes|hCoV-19/USA/MI-UM-2006S000917/2020|2020-03-28|EPI_ISL_484755|Original|hCoV-19
^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Laurin
^Lab|Valesano|USA
>Spikes|hCoV-19/Scotland/CVR3802/2020|2020-05-21|EPI-ISL_478128|Original|hCoV-19
^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spikes|hCoV-19/England/NORT-289586/2020|2020-03-30|EPI-ISL_458657|Original|hCoV-19
^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/USA/AZ-TG377346/2020|2020-06-16|EPI-ISL_694621|Original|hCoV-19
^Arizona|Human|TGen North|TGen North|French|USA
>Spikes|hCoV-19/England/QEUH-A0BEC/2020|2020-10-01|EPI-ISL_599244|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/USA/MN-MDH-1687/2020|2020-04-08|EPI-ISL_560774|Original|hCoV-19
^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA
>Spikes|hCoV-19/USA/WI-WSLH-200720/2020|2020-06-29|EPI-ISL_631476|Original|hCoV-19
^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA
>Spikes|hCoV-19/England/LOND-D4A25/2020|2020-04-10|EPI-ISL_444170|Original|hCoV-19
^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spikes|hCoV-19/Wales/PHWC-347D1/2020|2020-04-16|EPI-ISL_446976|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spikes|hCoV-19/England/ALDP-5BD42F/2020|2020-06-21|EPI-ISL_558832|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/USA/CA-CZB-1011/2020|2020-04-05|EPI-ISL_436652|Original|hCoV-19
^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Hao|USA
>Spike|hCoV-19/USA/FL-05-UMTL-9TXV/2020|2020-05-21|EPI_ISL_479764|Original|hCoV-19^^Florida|Human|University of Miami Immunology and Histocompatibility Laboratory|University of Miami Immunology and Histocompatibility Laboratory|Margolles-Clark|USA

>Spikem|hCoV-19/USA/AZ-TG320609/2020|2020-05-16|EPI_ISL_694331|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spikem|hCoV-19/USA/MI-UM-10036567026/2020|2020-10-22|EPI ISL_640211|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spikem|hCoV-19/USA/MI-MDHHS-SC22339/2020|2020-11-02|EPI ISL_708319|Original|hCoV-19^^Michigan|Human|University of Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spikem|hCoV-19/Ireland/LS-NVRL-781RL64932/2020|2020-11-24|EPI ISL_752583|Original|hCoV-19^^Laois|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spikem|hCoV-19/England/EXET-13848A/2020|2020-09-13|EPI ISL_611619|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spikem|hCoV-19/Spain/CT-IBV-97007967/2020|2020-10-06|EPI ISL_654514|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiología u00eda|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spikem|hCoV-19/Switzerland/VS-ETHZ-350000/2020|2020-11-03|EPI ISL_693775|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spikem|hCoV-19/Denmark/DGCC-7664/2020|2020-10-19|EPI ISL_618567|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spikem|hCoV-19/Singapore/578/2020|2020-04-21|EPI ISL_483601|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spikem|hCoV-19/USA/TX-HMH-MCoV-10775/2020|2020-07-05|EPI ISL_789620|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spikem|hCoV-19/England/CAMC-B538CF/2020|2020-11-08|EPI ISL_656817|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spikem|hCoV-19/England/NORT-29DD4B/2020|2020-05-07|EPI ISL_484316|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spikem|hCoV-19/France/ARA-22088/2020|2020-04-08|EPI ISL_508996|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France Sud|CNR Virus des Infections Respiratoires - France Sud|Josset|France

>Spikem|hCoV-19/England/ALDP-CC1D9F/2020|2020-12-19|EPI ISL_760557|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spikem|hCoV-19/England/NORTH-29DD4B/2020|2020-05-07|EPI ISL_484316|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashston|United Kingdom

>Spikem|hCoV-19/England/ALDP-B5CA93/2020|2020-11-08|EPI ISL_655814|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spikem|hCoV-19/Italy/VEN-1ZSVE-20-25/2020|2020-03-24|EPI ISL_636471|Original|hCoV-19^^Veneto|Human|ULSS6 Piove di Sacco|Istituto Zooprofilattico Sperimentale delle Venezie|Quaranta|Italy

>Spikem|hCoV-19/England/CAMB-1AE70E/2020|2020-04-30|EPI ISL_524583|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikem|hCoV-19/USA/CA-UCSF-UC44/2020|2020-03-19|EPI ISL_450236|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chiu Laboratory|Chiu|USA
Spike|hCoV-19/Wales/PHWC-491CC0/2020|2020-11-12|EPI_ISL_705420|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/USA/MI-MDHH-S-SC21294/2020|2020-04-11|EPI_ISL_507549|Original|hCoV-19|Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
Spike|hCoV-19/England/CAMC-B98EA/2020|2020-11-15|EPI_ISL_673279|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/England/MILK-B943EF/2020|2020-11-14|EPI_ISL_676134|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/England/PORT-2D0EC1/2020|2020-04-24|EPI_ISL_475301|Original|hCoV-19|England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
Spike|hCoV-19/England/QEUH-A8CA/2020|2020-10-16|EPI_ISL_643212|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/USA/WA-491/2020|2020-04-07|EPI_ISL_461404|Original|hCoV-19|Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
Spike|hCoV-19/England/ALDP-B83134/2020|2020-11-14|EPI_ISL_675561|Original|hCoV-19|England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/England/LIVE-9A681/2020|2020-03-30|EPI_ISL_449359|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
Spike|hCoV-19/England/ALDP-95479/2020|2020-06-20|EPI_ISL_554947|Original|hCoV-19|England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/TX-DHS-0330/2020|2020-06-13|EPI_ISL_534297|Original|hCoV-19|Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
Spike|hCoV-19/France/PAC-IHU-1087/2020|2020-08-05|EPI_ISL_569049|Original|hCoV-19|France|Human|Sodinca-AMU|Sodinca-AMU|Lefebvre|France
Spike|hCoV-19/Italy/ABR-IZSGC-TE9047/2020|2020-04-01|EPI_ISL_529009|Original|hCoV-19|Abruzzo|Human|Ospedale Civile S. Liberatore-Atri|Istituto Zootecnico Sperimentale dell'Abruzzo e Molise|G.Caporale|Lorusso|Italy
Spike|hCoV-19/England/CAMC-B98020/2020|2020-11-15|EPI_ISL_675064|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/England/ALDP-A2DCA5/2020|2020-10-05|EPI_ISL_586575|Original|hCoV-19|England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Serbia/Pancevo-210032506/2020|2020-06-24|EPI_ISL_661184|Original|hCoV-19|Pancevo|Human|Scientific Veterinary Institute Novi Sad|Veterinary Specialized Institute |Kraljevo|Vidanic|Serbia
Spike|hCoV-19/England/PORT-2D3E0A/2020|2020-04-22|EPI_ISL_512415|Original|hCoV-19|England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
Spike|hCoV-19/USA/UT-08628/2020|2020-05-20|EPI_ISL_524366|Original|hCoV-19|Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
Spike|hCoV-19/England/QEUH-B3F920/2020|2020-11-08|EPI_ISL_658474|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/India/MH-BJMC-838/2020|2020-04-11|EPI_ISL_496553|Original|hCoV-19|Maharashtra|Human|B.J. Govt. Medical College|National Centre For Cell Science|Paul|India
Spike|hCoV-19/Spain/VC-FISABIO-657/2020|2020-03-31|EPI_ISL_455723|Original|hCoV-19|Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Clínico
Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO|Public Health|Gonzalez-Candelas|Spain

Spike|hCoV-19|USA/VA-DCLS-2093/2020|2020-10-21|EPI_ISL_677135|Original|hCoV-19|Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA

Spike|hCoV-19|Wales/PHWC-16EB852/2020|2020-10-06|EPI_ISL_585778|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19|USA/NY-Wadsworth-290366-01/2020|2020-12-18|EPI_ISL_765547|Original|hCoV-19|New York|Human|MONTEFIORE MEDICAL CENTER LABORATORIES|Wadsworth Center|Lasek-Nesselquist|USA

Spike|hCoV-19|Japan/PG-1316/2020|2020-04-00|EPI_ISL_684924|Original|hCoV-19|Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

Spike|hCoV-19|USA/LA-GBCL-26684514/2020|2020-04-10|EPI_ISL_485317|Original|hCoV-19|Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

Spike|hCoV-19|USA/TX-HMH-MCoV-14025/2020|2020-08-14|EPI_ISL_787314|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19|Denmark/DGCC-14933/2020|2020-11-23|EPI_ISL_713491|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

Spike|hCoV-19|Denmark/DGCC-10591/2020|2020-11-02|EPI_ISL_670074|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

Spike|hCoV-19|England/ALDP-A2E2C0/2020|2020-10-06|EPI_ISL_586628|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|England/ALDP-B8469E/2020|2020-11-15|EPI_ISL_675339|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19|Canada/ON-PHL-20-00061/2020|2020-06-01|EPI_ISL_548737|Original|hCoV-19|Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

Spike|hCoV-19|Wales/CAMC-A82D05/2020|2020-10-13|EPI_ISL_625288|Original|hCoV-19|Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|USA/CA-CZB-10042/2020|2020-05-19|EPI_ISL_672198|Original|hCoV-19|California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

Spike|hCoV-19|Belgium/FAE-030948/2020|2020-03-09|EPI_ISL_420445|Original|hCoV-19|Wandre|Human|KU Leuven|KU Leuven|Maes|Belgium

Spike|hCoV-19|England/201061456/2020|2020-03-01|EPI_ISL_464414|Original|hCoV-19|England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

Spike|hCoV-19|Saudi Arabia/KAUST-MADINAH1107/2020|2020-06-11|EPI_ISL_513111|Original|hCoV-19|Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia

Spike|hCoV-19|Japan/PG-4081/2020|2020-07-00|EPI_ISL_692322|Original|hCoV-19|Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

Spike|hCoV-19|Saudi Arabia/KAUST-Madinah258/2020|2020-03-30|EPI_ISL_437742|Original|hCoV-19|Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia

Spike|hCoV-19|England/MILK-AB8DE8/2020|2020-10-21|EPI_ISL_623627|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|USA/CA-CZB-10953/2020|2020-09-16|EPI_ISL_583037|Original|hCoV-19|California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA
Spike|hCoV-19/England/QEUH-AAC78F/2020|2020-10-21|EPI_ISL_651105|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Iceland/379/2020|2020-03-18|EPI_ISL_424403|Original|hCoV-19^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\'u00f3nsson|Iceland
>Spike|hCoV-19/England/ALDP-A929A4/2020|2020-10-19|EPI_ISL_611145|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMHC-MCoV-13069/2020|2020-08-25|EPI_ISL_788220|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/ALDP-8B602F/2020|2020-06-29|EPI_ISL_557117|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DGCC-7147/2020|2020-10-12|EPI_ISL_619167|Original|hCoV-19^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/England/CAMC-990F2D/2020|2020-08-28|EPI_ISL_551900|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/EDBB852/2020|2020-04-04|EPI_ISL_433256|Original|hCoV-19^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spike|hCoV-19/USA/MI-MDHHS-SC22075/2020|2020-09-30|EPI_ISL_583532|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/England/QEUH-B123CB/2020|2020-11-02|EPI_ISL_642741|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-96A0FC/2020|2020-08-12|EPI_ISL_530866|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-AA3199/2020|2020-10-22|EPI_ISL_624183|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/LIVE-AA42A/2020|2020-03-23|EPI_ISL_517452|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/South Africa/KRISP-K004013/2020|2020-10-10|EPI_ISL_634998|Original|hCoV-19^KwaZulu-Natal|Human|National Health Laboratory Service - Inkosi Albert Luthuli Central Hospital (NHLS-IALCH)|KRISP|de Oliveira|South Africa
>Spike|hCoV-19/Japan/PG-8130/2020|2020-08-00|EPI_ISL_687229|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/South Africa/KRISP-K000658/2020|2020-07-13|EPI_ISL_509299|Original|hCoV-19^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
>Spike|hCoV-19/USA/UT-UPHL-2009670/2020|2020-07-25|EPI_ISL_605345|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/Wales/PHWC-2EC35/2020|2020-04-07|EPI_ISL_446130|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/Wales/PHWC-36326/2020|2020-04-29|EPI_ISL_474652|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/WA-S557/2020|2020-04-01|EPI_ISL_434317|Original|hCoV-19^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
>Spike|hCoV-19|Australia/VIC781/2020|2020-03-30|EPI_ISL_427056|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia
>Spike|hCoV-19/India/MH-ACTREC-046/2020|2020-05-13|EPI_ISL_699702|Original|hCoV-19^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
>Spike|hCoV-19/Australia/VIC5730/2020|2020-07-19|EPI_ISL_518531|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/QEUH-961D1C/2020|2020-07-30|EPI_ISL_537070|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/CA-ALSR-3392/2020|2020-07-09|EPI_ISL_635999|Original|hCoV-19^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavaran|USA
>Spike|hCoV-19/Wales/PHWC-16E931/2020|2020-10-03|EPI_ISL_585792|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Wales/ALDP-C47FC8/2020|2020-12-12|EPI_ISL_767144|Original|hCoV-19^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-95FE96/2020|2020-08-07|EPI_ISL_531867|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMC-C27034/2020|2020-12-07|EPI ISL 782959|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/UT-NCGM02/2020|2020-02-01|EPI_ISL_418809|Vero E6 P3|hCoV-19^Tokyo|Human|University of Wisconsin - Madison|University of Wisconsin Madison|Moreno|Japan
>Spike|hCoV-19/Luxembourg/LNS9177314/2020|2020-10-23|EPI_ISL_744864|Original|hCoV-19^Luxembourg|Human|Laboratoire national de sant\’u00e9|Laboratoire national de sant\’u00e9|Wieneke-Baldacchino|Luxembourg
>Spike|hCoV-19/England/MILK-B3B256/2020|2020-11-01|EPI ISL 705477|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/USA/CA-QDX-2340/2020|2020-03-14|EPI_ISL_604641|Original|hCoV-19^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spoke|hCoV-19/Netherlands/NA_13/2020|2020-03-10|EPI ISL_415469|EPI ISL_615803|Original|hCoV-19^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spoke|hCoV-19/England/MILK-B97021/2020|2020-11-13|EPI ISL_674965|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spoke|hCoV-19/Japan/PG-3055/2020|2020-04-00|EPI ISL_691178|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spoke|hCoV-19/Denmark/DCGC-6321/2020|2020-09-14|EPI ISL_615803|Original|hCoV-19^NA|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michael Hansen|Denmark
>Spoke|hCoV-19/Denmark/DCGC-19671/2020|2020-12-07|EPI ISL_749101|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michael Hansen|Denmark
>Spoke|hCoV-19/Thailand/Bangkok_29/2020|2020-11-16|EPI ISL_768522|EPI ISL_442925|Vero P1|hCoV-19^Bangkok|Human|Synphaet Hospital|National Institute of Health|Phuayun|Thailand
>Spoke|hCoV-19/USA/TX-DSHS-1000/2020|2020-07-03|EPI ISL_614006|Original|hCoV-19^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spoke|hCoV-19/England/CAMC-80D4D/2020|2020-04-10|EPI ISL_442925|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
> Spike|hCoV-19|England/ALDP-91P621/2020|2020-06-23|EPI_ISL_553271|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|USA/CT-Yale-088/2020|2020-04-06|EPI_ISL_428747|Original|hCoV-19|Connecticut|Human|Yale COVID-19 Biorepository|Grubaugh Lab – Yale School of Public Health|Grubaugh|USA

> Spike|hCoV-19|Denmark/DGCC-15779/2020|2020-11-23|EPI_ISL_714015|Original|hCoV-19|Nordjylland|Human|Department of Virology and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

> Spike|hCoV-19|USA/OR-OHSU-3183/2020|2020-10-05|EPI_ISL_667501|Original|hCoV-19|Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Reak|USA

> Spike|hCoV-19|USA/VA-CDC-8005/2020|2020-05-03|EPI_ISL_540435|original|hCoV-19|Virginia|Human|VA-Division of Consolidated Laboratory Services|Pathogen Discovery|Queen|USA

> Spike|hCoV-19|USA/WY-WPHL-20161304/2020|2020-12-08|EPI_ISL_765968|Original|hCoV-19|Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

> Spike|hCoV-19|England/EXET-13737F/2020|2020-03-27|EPI_ISL_471967|Original|hCoV-19|England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

> Spike|hCoV-19|USA/WI-GMF-15023/2020|2020-08-12|EPI_ISL_547694|Original|hCoV-19|Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

> Spike|hCoV-19|England/MILK-ABC26D/2020|2020-10-21|EPI_ISL_631048|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|India/DL-NCDC4398-CSIR-IGIB/2020|2020-05-21|EPI_ISL_482588|Original|hCoV-19|Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India

> Spike|hCoV-19|Switzerland/SO-ETHZ-420484/2020|2020-12-21|EPI_ISL_768216|Original|hCoV-19|Solothurn|Human|Violelier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

> Spike|hCoV-19|USA/MA-MASPHL-00322/2020|2020-04-18|EPI_ISL_791726|Original|hCoV-19|Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

> Spike|hCoV-19|USA/FL-BPHL-1123/2020|2020-08-10|EPI_ISL_526609|Original|hCoV-19|Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

> Spike|hCoV-19|Northern Ireland/NIRE-1066AD/2020|2020-05-10|EPI_ISL_500961|Original|hCoV-19|Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|England/BRIS-1263C3/2020|2020-04-09|EPI_ISL_458998|Original|hCoV-19|England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|USA/WI-WSLH-200528/2020|2020-05-27|EPI_ISL_578667|Original|hCoV-19|Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

> Spike|hCoV-19|Belgium/ULG-10639/2020|2020-10-25|EPI_ISL_636617|Original|hCoV-19|Li|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

> Spike|hCoV-19|Japan/IC-0102/2020|2020-07-00|EPI_ISL_591443|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

> Spike|hCoV-19|USA/VA-UW170/2020|2020-03-14|EPI_ISL_416708|Original|hCoV-19|Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

> Spike|hCoV-19|Vietnam/40139/2020|2020-07-00|EPI_ISL_766029|Original|hCoV-19|Vietnam|Human|National Influenza Center|National Influenza Center|Ung|Vietnam
19^\textsuperscript{**}Norway | Human | University of Northern Norway | Norwegian Institute of Public Health | Vollen | Norway

19^\textsuperscript{**}Scotland | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

19^\textsuperscript{**}England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

19^\textsuperscript{**}Moscow | Human | HELIX LLC | WHO National Influenza Centre Russian Federation | Komissarov | Russia

19^\textsuperscript{**}Scotland | Human | West of Scotland Specialist Virology Centre | COVID-19 Genomics UK (COG-UK) Consortium | Robertson | United Kingdom

19^\textsuperscript{**}Scotland | SARS-CoV-2 | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

19^\textsuperscript{**}Assam | Human | National Centre for Disease control (NCDC) | NCDC/CSIR | Singh | India

19^\textsuperscript{**}Texas | Human | Houston Methodist Hospital | Houston Methodist Hospital | Long | USA

19^\textsuperscript{**}Wales | Human | Wales Specialist Virology Centre Sequencing lab | COVID-19 Genomics UK (COG-UK) Consortium | Moore | United Kingdom

19^\textsuperscript{**}England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

19^\textsuperscript{**}India | Human | Institute for Disease Control and Prevention | NCDC | CSIR-IGIB | Singh | India

19^\textsuperscript{**}Texas | Human | Houston Methodist Hospital | Houston Methodist Hospital | Long | USA

19^\textsuperscript{**}England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

19^\textsuperscript{**}Northern Ireland | Human | Regional Virus Laboratory | COVID-19 Genomics UK (COG-UK) Consortium | Fairley | United Kingdom

19^\textsuperscript{**}Texas | Human | Houston Methodist Hospital | Houston Methodist Hospital | Long | USA

19^\textsuperscript{**}England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

19^\textsuperscript{**}Denmark | Human | Department of Virus and Microbiological Special Diagnostics | Albertsen lab | Michaelson | Denmark

19^\textsuperscript{**}Wales | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

19^\textsuperscript{**}Midtjylland | Human | Department of Virus and Microbiological Special Diagnostics | Albertsen lab | Michaelson | Denmark

19^\textsuperscript{**}England | Human | Department of Pathology | COVID-19 Genomics UK (COG-UK) Consortium | Goodfellow | United Kingdom

19^\textsuperscript{**}Abu Dhabi | Human | Group 42 (G42) Healthcare | G42 Healthcare | Ogrodzki | United Arab Emirates
>Spike|hCoV-19|Denmark/DCGC-19702/2020|2020-12-07|EPI_ISL_748243|Original|hCoV-19^England|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Sp<e+hCoV-19|England/MLK-99D37F/2020|2020-08-30|EPI_ISL_549870|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp<e+hCoV-19|Wales/PHWC-48F481/2020|2020-11-09|EPI ISL 681097|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Sp<e+hCoV-19|England/ALDP-A6DF91/2020|2020-10-14|EPI ISL_607800|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp<e+hCoV-19|Australia/VIC15159/2020|2020-08-29|EPI ISL_593165|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultze|Australia
>Sp<e+hCoV-19|USA/UT-UPHL-2012021960/2020|2020-11-30|EPI ISL 779294|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA
>Sp<e+hCoV-19|England/ALDP-A93D89/2020|2020-10-19|EPI ISL_611206|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp<e+hCoV-19|Denmark/DCGC-13500/2020|2020-11-30|EPI ISL_712836|Original|hCoV-19^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Sp<e+hCoV-19|Denmark/DCGC-4446/2020|2020-09-21|EPI ISL 621867|Original|hCoV-19^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Sp<e+hCoV-19|Northern Ireland/NIRE-108B60/2020|2020-10-09|EPI ISL_627070|Original|hCoV-19^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
>Sp<e+hCoV-19|England/LIVE-A65EF/2020|2020-03-19|EPI ISL_499724|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Sp<e+hCoV-19|England/ALDP-6BF79C/2020|2020-07-01|EPI ISL 557751|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp<e+hCoV-19|England/CAMC-B79A27/2020|2020-11-12|EPI ISL 681672|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Sp<e+hCoV-19|Spain/RI-IBV-006010/2020|2020-03-28|EPI ISL 500441|Original|hCoV-19^La Rioja|Human|Centro de Investigaci\u00f3n de Enfermedades Infecciosas y Microbiologia (CIEMAT)|Comas|Spain
>Sp<e+hCoV-19|Switzerland/VD-ETHZ-410088/2020|2020-12-17|EPI ISL 737901|Original|hCoV-19^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Sp<e+hCoV-19|England/ALDP-B63325/2020|2020-11-08|EPI ISL_656419|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Sp<e+hCoV-19|England/QUEUH-7885A0/2020|2020-07-15|EPI ISL 533184|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp<e+hCoV-19|USA/WA-S2272/2020|2020-06-10|EPI ISL 497700|Original|hCoV-19^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Sp<e+hCoV-19|USA/UT-UPHL-01358/2020|2020-04-01|EPI ISL 575039|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA
>Sp<e+hCoV-19|mink|Netherlands/NB-EMC-2-3/2020|2020-04-27|EPI ISL 523075|Original|hCoV-19^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
Spike|hCoV-19|India/GJ-GBRC50/2020|2020-04-30|EPI_ISL_444481|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

Spike|hCoV-19|Australia/VIC12846/2020|2020-07-24|EPI_ISL_591797|Original|hCoV-19^^England|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

Spike|hCoV-19|England/ALDP-A68AC2/2020|2020-10-12|EPI_ISL_608898|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|USA/TX-HMH-6583/2020|2020-06-24|EPI_ISL_546102|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19|USA/UT-08348/2020|2020-05-14|EPI_ISL_524134|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

Spike|hCoV-19|England/QUEUH-9AE733/2020|2020-09-02|EPI_ISL_577235|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

Spike|hCoV-19|England/OXON-AEA9D/2020|2020-00-00|EPI_ISL_448752|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

Spike|hCoV-19|USA/PR-B2K5/2020|2020-08-04|EPI_ISL_527384|Original|hCoV-19^^Puerto Rico|Human|University of Miami Immunology and Histocompatibility Laboratory|University of Miami Immunology and Histocompatibility Laboratory|Margolles-Clark|USA

Spike|hCoV-19|Netherlands/NA_89/2020|2020-03-16|EPI_ISL_422849|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

Spike|hCoV-19|Netherlands/ZuidHolland_181/2020|2020-04-23|EPI_ISL_461353|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

Spike|hCoV-19|USA/DC-CDC-1738/2020|2020-03-28|EPI_ISL_436043|Original|hCoV-19^^District of Columbia|Human|DC Public Health Lab Dept of Forensic Science|Pathogen Discovery|Queen|USA

Spike|hCoV-19|USA/DC-CDC-200265/2020|2020-04-08|EPI_ISL_524431|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19|Denmark/DGCC-5595/2020|2020-09-28|EPI_ISL_620920|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

Spike|hCoV-19|Serbia/Novi Sad-212182506/2020|2020-06-24|EPI_ISL_676583|Original|hCoV-19^^Novi Sad|Human|Scientific Veterinary Institute Novi Sad|Veterinary Specialized Institute \Kraljevo\|Vidanovic|Serbia

Spike|hCoV-19|USA/NC-200265/2020|2020-04-08|EPI_ISL_524431|Original|hCoV-19^^North Carolina|Human|Dirk Dittmer|Dirk Dittmer|Dittmer|USA

Spike|hCoV-19|India/MH-ACTREC-304/2020|2020-07-15|EPI_ISL_699955|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

Spike|hCoV-19|Wales/PHWC-486581/2020|2020-10-26|EPI_ISL_637622|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19|Scotland/QUEUH-A01C98/2020|2020-10-02|EPI_ISL_595834|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

Spike|hCoV-19|Iceland/216/2020|2020-03-16|EPI_ISL_417832|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\00f3nsson|Iceland

Spike|hCoV-19|England/BRIS-125D94/2020|2020-03-30|EPI_ISL_443992|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

Spike|hCoV-19|England/QUEUH-9F6918/2020|2020-09-27|EPI_ISL_588340|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-ACFC1E/2020|2020-10-22|EPI_ISL_652127|Original|hCoV-19
>^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spoke|hCoV-19/Scotland/CVR3456/2020|2020-05-10|EPI_ISL_456859|Original|hCoV-19
>^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spoke|hCoV-19/France/ARA-SC345/2020|2020-03-15|EPI_ISL_660340|Original|hCoV-19
>^Auvergne-Rhône-Alpes|Human|CHU de Saint-Étienne|hCoV-19
>France|SUD|Bal|France
>Spoke|hCoV-19/Wales/PHWC-4957CB/2020|2020-11-23|EPI_ISL_726397|Original|hCoV-19
>^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spoke|hCoV-19/England/QEUH-7A774B/2020|2020-07-08|EPI_ISL_533113|Original|hCoV-19
>^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COV19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19/USA/CA-CZB-15007/2020|2020-11-18|EPI_ISL_738601|Original|hCoV-19
>^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA
>Spoke|hCoV-19/Scotland/QEUH-A2163A/2020|2020-10-01|EPI_ISL_598891|Original|hCoV-19
>^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19/USA/WI-WSLH-200646/2020|2020-06-16|EPI_ISL_631415|Original|hCoV-19
>^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA
>Spoke|hCoV-19/Luxembourg/LNS7716837/2020|2020-10-27|EPI_ISL_744619|Original|hCoV-19
>^Luxembourg|Human|Laboratoire national de santé|hCoV-19
>^Saint-Etienne|Human|Laboratoire national de santé|hCoV-19
>^Wienecke-Baldacchino|Luxembourg
>Spoke|hCoV-19/Wales/PHWC-16C11D/2020|2020-09-22|EPI_ISL_574012|Original|hCoV-19
>^Wales|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spoke|hCoV-19/England/MILK-A6B31F/2020|2020-10-09|EPI_ISL_608700|Original|hCoV-19
>^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19/USA/WY-WPHL-20148235/2020|2020-11-23|EPI_ISL_770086|Original|hCoV-19
>^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA
>Spoke|hCoV-19/Russia/OMS-ORINFI-7899S/2020|2020-07-21|EPI_ISL_569789|Original|hCoV-19
>^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Spoke|hCoV-19/England/LIVE-A7FA/2020|2020-03-26|EPI_ISL_517098|Original|hCoV-19
>^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spoke|hCoV-19/Iran/Klr-138/2020|2020-05-00|EPI_ISL_759868|Original|hCoV-19
>^Iran|Human|Virology|Razi Vaccine and Serum Research Institute|Ranjbar|Iran
>Spoke|hCoV-19/England/ALDP-505462/2020|2020-06-24|EPI_ISL_559107|Original|hCoV-19
>^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Wales/PHWC-164D5D/2020|2020-04-30|EPI_ISL_479377|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19/Netherlands/ZH-EMC-429/2020|2020-08-11|EPI_ISL_523767|Original|hCoV-19^^Zeuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

Spike|hCoV-19/Brazil/RJ-00503/2020|2020-11-04|EPI_ISL_717897|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory |LNCC|Almeida|Brazil

Spike|hCoV-19/Spain/CL-IVB-97006337/2020|2020-05-14|EPI_ISL_537687|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SegCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

Spike|hCoV-19/England/20126036204/2020|2020-03-18|EPI_ISL_423902|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

Spike|hCoV-19/USA/FL-BPHL-0675/2020|2020-03-15|EPI_ISL_509733|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

Spike|hCoV-19/Switzerland/BL-ETHZ-321501/2020|2020-10-15|EPI_ISL_603712|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

Spike|hCoV-19/Denmark/DCGC-6147/2020|2020-09-14|EPI_ISL_621181|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

Spike|hCoV-19/England/LIVE-9DB52/2020|2020-04-29|EPI_ISL_449619|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

Spike|hCoV-19/USA/FL-BPHL-1557/2020|2020-09-09|EPI_ISL_568655|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

Spike|hCoV-19/Switzerland/BE-UNIBE-156-8498/2020|2020-03-13|EPI_ISL_574797|Original|hCoV-19^^Bern|Human|Institute for Infectious Diseases|Institute for Infectious Diseases|Koch|Switzerland

Spike|hCoV-19/USA/WA-S2312/2020|2020-06-11|EPI_ISL_496944|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

Spike|hCoV-19/England/CAMC-B545F4/2020|2020-11-08|EPI_ISL_658134|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/England/NORT-28AE3F/2020|2020-04-16|EPI_ISL_492955|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/USA/MD-MDH-0331/2020|2020-12-10|EPI_ISL_648276|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

Spike|hCoV-19/USA/AZ-TG338539/2020|2020-05-27|EPI_ISL_694374|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

Spike|hCoV-19/USA/CA-CSMC05/2020|2020-04-02|EPI_ISL_475712|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

Spike|hCoV-19/USA/UT-UPHL-2009473/2020|2020-07-18|EPI_ISL_605159|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

Spike|hCoV-19/USA/UT-UPHL-2012053525/2020|2020-08-15|EPI_ISL_745576|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

Spike|hCoV-19/Scotland/EDB4651/2020|2020-05-08|EPI_ISL_478178|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

Spike|hCoV-19/Australia/NWS316/2020|2020-03-30|EPI_ISL_451579|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spike|hCoV-19/Kenya/C4822/2020|2020-05-08|EPI_ISL_568739|Original|hCoV-19^^Kenya/Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya
>Spike|hCoV-19/USA/CA-SR0249/2020|2020-03-17|EPI_ISL_437561|Original|hCoV-19^^California/Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/Malaysia/UNIMAS-15790/2020|2020-11-18|EPI_ISL_718172|Original|hCoV-19^^Malaysia/Human|Ministry of Health Hospitals|Institute of Health and Community Medicine|Jonathan|Malaysia
>Spike|hCoV-19/England/QEUH-AAE0FB/2020|2020-10-22|EPI_ISL_630745|Original|hCoV-19^^England/Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/CA-ALSRL-4139/2020|2020-07-02|EPI_ISL_648843|Original|hCoV-19^^California/Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/England/QEUH-B66A2D/2020|2020-11-11|EPI_ISL_654981|Original|hCoV-19^^England/Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/BRIS-12DC71/2020|2020-05-18|EPI_ISL_482022|Original|hCoV-19^^England/Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-97738A/2020|2020-07-24|EPI_ISL_550490|Original|hCoV-19^^England/Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/2019029504/2020|2020-03-12|EPI_ISL_465039|Original|hCoV-19^^England/Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/USA/WA-UK-1954/2020|2020-03-24|EPI_ISL_424325|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/Wales/PHWC-2B6B2/2020|2020-04-12|EPI_ISL_445746|Original|hCoV-19^^Wales/Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/England/CAMC-B785DC/2020|2020-11-11|EPI_ISL_661947|Original|hCoV-19^^England/Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-489DE6/2020|2020-10-24|EPI_ISL_652493|Original|hCoV-19^^Wales/Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/MILK-9A9000/2020|2020-08-31|EPI_ISL_551129|Original|hCoV-19^^England/Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WI-WSLH-200358/2020|2020-04-21|EPI_ISL_578528|Original|hCoV-19^^Wisconsin/Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA
>Spike|hCoV-19/France/PAC-IHU-0061/2020|2020-03-19|EPI_ISL_569280|Original|hCoV-19^^Provence-Alpes-C^u00fcte-d^u00e9u2019Azur|Human|MEPHI|MEPHI|Levasseur|France
>Spike|hCoV-19/USA/MI-MDHSS-SC21203/2020|2020-03-31|EPI_ISL_507460|Original|hCoV-19^^Michigan/Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/Denmark/DGCC-22119/2020|2020-12-14|EPI_ISL_758564|Original|hCoV-19^^Syddanmark/Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelesen|Denmark
>Spike|hCoV-19/USA/WA-UW-1822/2020|2020-03-22|EPI_ISL_442476|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/USA/UG030/2020|2020-05-07|EPI_ISL_737932|Original|hCoV-19^^Uganda/Human|Uganda Central Public Health Lab and Uganda Virus Research Institute|MRC/UVRI & LSHTM Uganda\u00a0Research Unit|Cotten|Uganda
>Spike|hCoV-19/USA/TX-HMW-1975/2020|2020-04-28|EPI_ISL_542931|Original|hCoV-19^^Texas/Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|Canada/ON-S1460/2020|2020-08-00|EPI_ISL_770833|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
>Sp|k|hCoV-19|Luxembourg/LNS3120271/2020|2020-11-25|EPI-ISL_740252|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\'eacute;|Laboratoire national de sant\'eacute;|Wienecke-Baldacchino|Luxembourg
>Sp|k|hCoV-19|England/CAMC-B09242/2020|2020-10-30|EPI-ISL_643862|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Sp|k|hCoV-19|England/CAMC-D042DC/2020|2020-12-14|EPI-ISL_781824|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Sp|k|hCoV-19|Australia/VIC1112/2020|2020-04-07|EPI-ISL_430573|Original|hCoV-19^^Victoria|Human|Victoria Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Sp|k|hCoV-19|Canada/ON-UHTC-0372/2020|2020-10-02|EPI-ISL_671657|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada
>Sp|k|hCoV-19|USA/TX-HMH-MCoV-14679/2020|2020-10-01|EPI-ISL_787964|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Sp|k|hCoV-19|Switzerland/VD-ETHZ-280165/2020|2020-09-08|EPI-ISL_560515|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Sp|k|hCoV-19|USA/TX-HMH-MCoV-16204/2020|2020-10-28|EPI-ISL_785888|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Sp|k|hCoV-19|England/LEED-2AA297/2020|2020-03-30|EPI-ISL_538869|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp|k|hCoV-19|USA/MAK-7B983/2020|2020-10-15|EPI-ISL_607461|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Sp|k|hCoV-19|USA/LA-EVTL423/2020|2020-06-10|EPI-ISL_578829|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Sp|k|hCoV-19|England/NORW-F9802/2020|2020-12-02|EPI-ISL_725398|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Sp|k|hCoV-19|Belgium/VDLH-030548/2020|2020-03-05|EPI-ISL_418796|Original|hCoV-19^^Kalmthout|Human|KU Leuven|KU Leuven|Maes|Belgium
>Sp|k|hCoV-19|USA/VA-DCLS-0724/2020|2020-07-09|EPI-ISL_526847|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Sp|k|hCoV-19|England/QEUH-9DD012/2020|2020-09-21|EPI-ISL_599520|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp|k|hCoV-19|Turkey/IST-GLAB-121/2020|2020-04-27|EPI-ISL_735269|Original|hCoV-19^^Istanbul|Human|IGM Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)|Genomic Laboratory (GLAB)|Karacan|Turkey
>Sp|k|hCoV-19|USA/CA-ALSR-1664/2020|2020-04-01|EPI-ISL_494725|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Sp|k|hCoV-19|India/MH-NIV-18650/2020|2020-04-30|EPI-ISL_479510|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India
>Sp|k|hCoV-19|England/ALDP-95AA2E/2020|2020-06-13|EPI-ISL_554980|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp|k|hCoV-19/Netherlands/ZuidHolland_97/2020|2020-03-31|EPI-ISL_422633|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/England/204690838/2020|2020-11-14|EPI_ISL_686587|Original|hCoV-19^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spice|hCoV-19/USA/CA-CZB-1050/2020|2020-04-04|EPI_ISL_437050|Original|hCoV-19^^California|Human|County of Santa Clara Public Health|Chan-Zuckerberg Biohub|Hao|USA
>Spice|hCoV-19/USA/UT-01220/2020|2020-04-08|EPI_ISL_436906|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Young|USA
>Spice|hCoV-19/England/QEUH-AF472E/2020|2020-10-30|EPI_ISL_662823|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spice|hCoV-19/England/CAMC-A4127C/2020|2020-10-06|EPI_ISL_609464|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spice|hCoV-19/England/MILK-A46E82/2020|2020-10-06|EPI_ISL_598515|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spice|hCoV-19/Spain/AR-IBV-98008097/2020|2020-10-07|EPI_ISL_654409|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
>Spice|hCoV-19/England/QEUH-9B700F/2020|2020-09-04|EPI_ISL_590537|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spice|hCoV-19/USA/UT-02556/2020|2020-04-24|EPI_ISL_487208|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Butz|USA
>Spice|hCoV-19/Scotland/EDB4658/2020|2020-05-08|EPI_ISL_449317|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spice|hCoV-19/USA/CA-CZB-14806/2020|2020-11-17|EPI_ISL_739436|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA
>Spice|hCoV-19/England/QEUH-9CEE65/2020|2020-09-15|EPI_ISL_590032|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spice|hCoV-19/Denmark/DGCC-15490/2020|2020-11-23|EPI_ISL_713287|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Michaelsen|Denmark
>Spice|hCoV-19/Wales/PHWC-49E2B2/2020|2020-12-07|EPI_ISL_742980|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spice|hCoV-19/England/ALDP-5A2CAD/2020|2020-06-14|EPI_ISL_558635|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spice|hCoV-19/USA/UT-0444/2020|2020-03-30|EPI_ISL_430042|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Young|USA
>Spice|hCoV-19/Australia/NW782/2020|2020-07-25|EPI_ISL_526124|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) – Liverpool Hospital – NSW Health Pathology|NSW Health Pathology – Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gal|Australia
>Spice|hCoV-19/Canada/BC-BCCDC-8379/2020|2020-11-00|EPI_ISL_740763|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada
>Spice|hCoV-19/Australia/SAP089/2020|2020-04-01|EPI_ISL_451112|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia
>Spice|hCoV-19/Switzerland/BS-42340959/2020|2020-07-06|EPI_ISL_581895|Original|hCoV-19^^Switzerland|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland
>Spice|hCoV-19/Scotland/QEUH-9968C2/2020|2020-08-29|EPI_ISL_559986|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
Spike|hCoV-19/Iceland/132/2020|2020-03-12|EPI_ISL_417787|Original|hCoV-19|Reykjavik|Human|The National University Hospital of Iceland|deCODE genomics|J\u00f6nnsson|Iceland
Spike|hCoV-19/Denmark/DGCC-22543/2020|2020-12-14|EPI_ISL_757628|Original|hCoV-19|Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
Spike|hCoV-19/USA/TX-HMH-6975/2020|2020-06-28|EPI_ISL_546400|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/Japan/PG-5420/2020|2020-08-00|EPI_ISL_690523|Original|hCoV-19|Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19/Scotland/CVR2557/2020|2020-04-15|EPI_ISL_453060|Original|hCoV-19|Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
Spike|hCoV-19/England/NORT-284934/2020|2020-03-24|EPI_ISL_488475|Original|hCoV-19|England|Human|NU-OMICS DNA Sequencing facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Wales/PHWC-2671E/2020|2020-03-27|EPI_ISL_422244|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
Spike|hCoV-19/Luxembourg/LNS1355488/2020|2020-10-26|EPI_ISL_739922|Original|hCoV-19|Luxembourg|Human|Laboratoire national de santé|Laboratoire national de santé|Wienecke-Baldacchino|Luxembourg
Spike|hCoV-19/Wales/PHWC-16E10C/2020|2020-10-02|EPI_ISL_585670|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/Colombia/DC-INS-78998/2020|2020-03-11|EPI_ISL_653753|Original|hCoV-19|Bogota|Human|Instituto Nacional de Salud|Instituto Nacional de Salud|Franco-Mu\u00f1oz|Colombia
Spike|hCoV-19/England/BRIS-122966/2020|2020-04-03|EPI_ISL_440624|Original|hCoV-19|England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
Spike|hCoV-19/Nanchang/JX149/2020|2020-01-27|EPI_ISL_421247|Original|hCoV-19|Jiangxi|Human|Jiangxi Province Center for Disease Control and Prevention|Jiangxi Province Center for Disease Control and Prevention|Xiong|China
Spike|hCoV-19/Wales/PHWC-47E9B3/2020|2020-09-25|EPI_ISL_595532|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/Netherlands/ZH-EMC-1125/2020|2020-12-16|EPI_ISL_763204|Original|hCoV-19|Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
Spike|hCoV-19/England/EOEH-C33C13/2020|2020-12-11|EPI_ISL_734114|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/Canada/ON-PHL-20-03740/2020|2020-11-00|EPI_ISL_775208|Original|hCoV-19|Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada
Spike|hCoV-19/Denmark/DGCC-7764/2020|2020-10-19|EPI_ISL_618732|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
Spike|hCoV-19/Scotland/CVR2557/2020|2020-04-15|EPI_ISL_453060|Original|hCoV-19|Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
Spike|hCoV-19/Japan/PG-8703/2020|2020-08-00|EPI_ISL_686299|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Norway/5764/2020|2020-10-26|EPI_ISL_708166|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust/Kopperud Riis|Norway
>Spik|hCoV-19/Luxembourg/LNS2353921/2020|2020-11-09|EPI_ISL_740104|Original|hCoV-19^^England|Human|Laboratoire national de santé|Wienecke-Baldacchino|Luxembourg
>Spik|hCoV-19/USA/MA-S1601/2020|2020-05-26|EPI_ISL_496027|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Lee|USA
>Spik|hCoV-19/England/MILK-CA6A20/2020|2020-12-18|EPI_ISL_761527|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium/Davies|United Kingdom
>Spik|hCoV-19/USA/MA-MASPHL-00687/2020|2020-04-15|EPI_ISL_692959|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA
>Spik|hCoV-19/Denmark/DGCC-7918/2020|2020-10-26|EPI_ISL_618817|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spik|hCoV-19/England/ALDP-913DA0/2020|2020-06-23|EPI_ISL_552876|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium/Davies|United Kingdom
>Spik|hCoV-19/England/ALDP-9C3F5E/2020|2020-09-09|EPI_ISL_566703|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium/Davies|United Kingdom
>Spik|hCoV-19/Hong Kong/HKPU52-3101/2020|2020-02-13|EPI_ISL_419224|Original|hCoV-19^^Hong Kong|Human|Department of Clinical Pathology|Department of Health Technology and Informatics|Leung|China
>Spik|hCoV-19/Scotland/QEUH-9655E3/2020|2020-08-12|EPI_ISL_531116|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium/Davies|United Kingdom
>Spik|hCoV-19/England/ALDP-9CD1D6/2020|2020-09-16|EPI_ISL_566206|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium/Davies|United Kingdom
>Spik|hCoV-19/England/ALDP-95330C/2020|2020-06-11|EPI_ISL_554564|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium/Davies|United Kingdom
>Spik|hCoV-19/USA/CA-CZB-10359/2020|2020-09-10|EPI_ISL_648549|Original|hCoV-19^^California|Human|Madera County Department of Public Health|Chan-Zuckerberg Biohub|Bhatt|USA
>Spik|hCoV-19/England/NORT-2863F8/2020|2020-10-01|EPI_ISL_638562|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust / COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spik|hCoV-19/England/204941562/2020|2020-11-30|EPI_ISL_754304|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium/Platt|United Kingdom
>Spik|hCoV-19/England/ALDP-8FF8C8/2020|2020-06-24|EPI_ISL_557131|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium/Davies|United Kingdom
>Spik|hCoV-19/Iceland/401/2020|2020-03-19|EPI_ISL_424425|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J ólínsson|Iceland
>Spik|hCoV-19/Belgium/rega-1211355/2020|2020-12-11|EPI_ISL_738408|Original|hCoV-19^^Mo1|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Spik|hCoV-19/England/QEUH-B66A4B/2020|2020-11-11|EPI_ISL_655132|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium/Davies|United Kingdom
>Spik|hCoV-19/England/NORT-1B79C79/2020|2020-11-19|EPI_ISL_724925|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust
Spikes:

- hCoV-19/England/BIRM-61A4/2020/2020-03-24|EPI_ISL_529325|Original|hCoV-19\^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
- hCoV-19/South Africa/KRISP-CH01110222/2020/2020-11-25|EPI_ISL_736985|Original|hCoV-19\^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
- hCoV-19/Norway/2881/2020/2020-07-13|EPI_ISL_500799|Original|hCoV-19\^Norway|Human|Hospital of Southern Norway – Kristiansand|Norwegian Institute of Public Health|Kopperud Riis|Norway
- hCoV-19/USA/CA-ALSR-3600/2020/2020-06-24|EPI_ISL_636105|Original|hCoV-19\^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
- hCoV-19/USA/TX-HMH-MCOV-15177/2020/2020-10-20|EPI_ISL_786661|Original|hCoV-19\^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
- hCoV-19/Brazil/SP-600/2020/2020-06-30|EPI_ISL_515525|Original|hCoV-19\^S\'u00e3o Paulo|Human|National Influenza Center - Instituto Adolfo Lutz|Instituto Adolfo Lutz|Sacchi|Brazil
- hCoV-19/England/CAMC-A81A0F/2020/2020-10-14|EPI_ISL_610787|Original|hCoV-19\^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
- hCoV-19/Scotland/EDB3000/2020/2020-04-03|EPI_ISL_489008|Original|hCoV-19\^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
- hCoV-19/England/QEUH-9D02EC/2020/2020-09-16|EPI_ISL_589888|Original|hCoV-19\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
- hCoV-19/USA/UT-04138/2020/2020-05-13|EPI_ISL_493037|Original|hCoV-19\^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA
- hCoV-19/Japan/PG-8051/2020/2020-08-00|EPI_ISL_687152|Original|hCoV-19\^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
- hCoV-19/England/CAMC-B22AA5/2020/2020-11-02|EPI_ISL_647192|Original|hCoV-19\^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
- hCoV-19/Costa Rica/INC-0074/2020/2020-06-30|EPI_ISL_527742|Original|hCoV-19\^San Jose|Human|Centro Nacional De Rehabilitacion Humberto Araya Rojas (Cenare)|Incincisa|Soto-Garita|Costa Rica
- hCoV-19/England/CAMC-B7A3A3/2020/2020-11-11|EPI_ISL_741105|Original|hCoV-19\^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
- hCoV-19/Australia/VIC7355/2020/2020-07-24|EPI_ISL_564357|Original|hCoV-19\^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
- hCoV-19/Wales/PHWC-4906D2/2020/2020-11-12|EPI_ISL_706501|Original|hCoV-19\^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
- hCoV-19/Scotland/QEUH-9FAF9A/2020/2020-09-29|EPI_ISL_600596|Original|hCoV-19\^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
- hCoV-19/USA/WI-UW-1049/2020/2020-08-01|EPI_ISL_516475|Original|hCoV-19\^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
- hCoV-19/Australia/NSS1322/2020/2020-12-16|EPI_ISL_767888|Original|hCoV-19\^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

Genomes:

- hCoV-19/England/BIRM-61A4/2020/2020-03-24|EPI_ISL_529325
- hCoV-19/USA/CA-ALSR-3600/2020/2020-06-24|EPI_ISL_636105
- hCoV-19/USA/TX-HMH-MCOV-15177/2020/2020-10-20|EPI_ISL_786661
- hCoV-19/Brazil/SP-600/2020/2020-06-30|EPI_ISL_515525
- hCoV-19/Costa Rica/INC-0074/2020/2020-06-30
- hCoV-19/Scotland/EDB3000/2020/2020-04-03|EPI_ISL_489008
- hCoV-19/Japan/PG-8051/2020/2020-08-00|EPI_ISL_687152
- hCoV-19/Japan/PG-8051/2020/2020-08-00
- hCoV-19/England/CAMC-B22AA5/2020/2020-11-02|EPI_ISL_647192
- hCoV-19/Australia/VIC7355/2020/2020-07-24|EPI_ISL_564357
- hCoV-19/Australia/VIC7355/2020/2020-07-24
- hCoV-19/Wales/PHWC-4906D2/2020/2020-11-12|EPI_ISL_706501
- hCoV-19/Scotland/QEUH-9FAF9A/2020/2020-09-29|EPI_ISL_600596
- hCoV-19/Scotland/QEUH-9FAF9A/2020/2020-09-29
- hCoV-19/USA/WI-UW-1049/2020/2020-08-01|EPI_ISL_516475
- hCoV-19/Wales/PHWC-4906D2/2020/2020-11-12|EPI_ISL_706501

Origins:

- England
- Hawaii
- France
- Argentina
- Brazil
- Chile
- South Africa
- South Eastern Area Laboratory Services (SEALS)
>Spike|hCoV-19|Australia/NSW913/2020|2020-08-31|EPI_ISL_544994|Original|hCoV-19^[New South Wales]Human|St Vincent's Pathology (SydPath)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spikes|hCoV-19|England/NORW-FA36A/2020|2020-12-06|EPI_ISL_725498|Original|hCoV-19^[England]Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alkahan|United Kingdom

>Spikes|hCoV-19|Denmark/DCGC-19393/2020|2020-12-07|EPI_ISL_748922|Original|hCoV-19^[Hovedstaden]Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spikes|hCoV-19|England/Quadram Institute Bioscience COVID-19 Genomics UK (COG-UK) Consortium/Amato|United Kingdom

>Spikes|hCoV-19|Germany/NW-HHU-539/2020|2020-12-14|EPI_ISL_779948|Original|hCoV-19^[North Rhine-Westphalia]Human|Center of Medical Microbiology|Center of Medical Microbiology|Wiennemann|Germany

>Spikes|hCoV-19|USA/NY-NYCPHL-000314/2020|2020-05-01|EPI_ISL_631840|Original|hCoV-19^[New York]Human|OCME Office Of Chief Medical Examiner|New York City Public Health Laboratory|Wang|USA

>Spikes|hCoV-19|Scotland/GCVR-17240C/2020|2020-03-30|EPI_ISL_469956|Original|hCoV-19^[Scotland]Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19|Japan/PJ-5406/2020|2020-08-00|EPI_ISL_690509|Original|hCoV-19^[Japan]Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Seikuzo|Japan

>Spikes|hCoV-19|England/MILK-A7A6D8/2020|2020-10-15|EPI_ISL_606585|Original|hCoV-19^[England]Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19|Iceland/369/2020|2020-03-19|EPI_ISL_424393|Original|hCoV-19^[Reykjavik]Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spikes|hCoV-19|Wales/PHWC-2DFD3/2020|2020-04-10|EPI_ISL_446045|Original|hCoV-19^[Wales]Human|Wales Specialist Virology Centre|Public Health Wales Microbiology|Cardiff|Moore|United Kingdom

>Spikes|hCoV-19|Japan/PJ-2395/2020|2020-04-00|EPI_ISL_686000|Original|hCoV-19^[Japan]Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikuzo|Japan

>Spikes|hCoV-19|Australia/VIC8802/2020|2020-07-31|EPI_ISL_565205|Original|hCoV-19^[Victoria]Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spikes|hCoV-19|Denmark/DCGC-17073/2020|2020-12-14|EPI_ISL_750743|Original|hCoV-19^[Nordjylland]Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spikes|hCoV-19|Denmark/ALAB-SS1-590/2020|2020-03-28|EPI_ISL_436984|Original|hCoV-19^[Denmark]Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spikes|hCoV-19|Netherlands/NH-RIVM-10067/2020|2020-04-21|EPI_ISL_547496|Original|hCoV-19^[Noord Holland]Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spikes|hCoV-19|England/CAMC-B09163/2020|2020-10-30|EPI_ISL_672950|Original|hCoV-19^[England]Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/FL-BPHL-0345/2020|2020-04-12|EPI_ISL_489754|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/England/2014074804/2020|2020-04-01|EPI_ISL_421963|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/Switzerland/BL-ETHZ-400102/2020|2020-12-07|EPI_ISL_729144|Original|hCoV-19^^Basel-Landschaft|Human|Vollierv AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/Wales/PHWC-2C0EO/2020|2020-04-04|EPI_ISL_474275|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/WA-S653/2020|2020-04-15|EPI_ISL_438206|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
>Spike|hCoV-19/England/PORT-2D5B7A/2020|2020-12-18|EPI_ISL_765137|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike|hCoV-19/Scotland/EDB6492/2020|2020-06-12|EPI_ISL_478246|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spike|hCoV-19/England/SHEF-C6516/2020|2020-10-15|EPI_ISL_611682|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/England/EKHU-260EEFA/2020|2020-04-12|EPI_ISL_501621|Original|hCoV-19^^England|Human|Lab Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Serbia/NF-0541007/2020|2020-07-09|EPI_ISL_541661|Original|hCoV-19^^Novi Pazar|Human|Laboratory Diagnostic|Laboratory Diagnostic|Vidanovic|Serbia
>Spike|hCoV-19/Wales/PHWC-492F5/2020|2020-11-28|EPI_ISL_725820|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Brazil/SC-L19-C399/2020|2020-04-01|EPI_ISL_476324|Original|hCoV-19^^Santa Catarina|Human|DB Diagn\u00f3sticos do Brasil|Instituto de Medicina Tropical da Universidade de S\u00e3o Paulo|Sabino|Brazil
>Spike|hCoV-19/USA/TX-HMH-MCoV-8467/2020|2020-07-01|EPI_ISL_780578|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/MA-MGH-00665/2020|2020-04-04|EPI_ISL_460328|Original|hCoV-19^^Massachusetts|Human|MGH|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA
>Spike|hCoV-19/England/CAMC-BC0F7D/2020|2020-11-22|EPI_ISL_704906|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/France/ARA-CDP20536/2020|2020-08-28|EPI_ISL_582114|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France Sud|CNR Virus des Infections Respiratoires - France Sud|Josset|France
>Spike|hCoV-19/USA/VA-DCLS-1853/2020|2020-09-23|EPI_ISL_614077|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spike|hCoV-19/Northern Ireland/NIRE-10687A/2020|2020-05-10|EPI_ISL_500992|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/LA-EVTL782/2020|2020-07-22|EPI_ISL_653473|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spike|hCoV-19/Scotland/QEUH-9DD856/2020|2020-09-21|EPI_ISL_599492|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Spain/VC-FISABIO-589/2020|2020-04-01|EPI_ISL_447516|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Clinico
>Spike|hCoV-19|Spain/RI-IVB-99005904/2020|2020-04-02|EPI_ISL_537442|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00f3dica de La Rioja - Hospital San Pedro Logro\u00f3n|\u00f3|SeqCOVID-SPAN consortium/IBV(CSIC)|Comas|Spain
>Spik|hCoV-19|England/QEHU-9F7CC3/2020|2020-09-27|EPI_ISL_588925|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19|England/MILK-B862F2/2020|2020-11-13|EPI_ISL_673913|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19|Japan/PG-7322/2020|2020-08-00|EPI_ISL_688425|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spik|hCoV-19|USA/MI-MDHSS-SC2-0008/2020|2020-03-12|EPI_ISL_529169|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spik|hCoV-19|England/QEHU-9B89B8/2020|2020-09-07|EPI_ISL_549656|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19|India/GJ-GBRC198/2020|2020-06-08|EPI_ISL_469043|Original|hCoV-19^^Gujarat|Human|Dr. N. D. Desai Medical College & Hospital|Gujarat Biotechnology Research Centre|Joshi|India
>Spik|hCoV-19|Luxembourg/LNS6092797/2020|2020-11-03|EPI_ISL_744359|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke|Luxembourg
>Spik|hCoV-19|England/CMAC-BC0344/2020|2020-11-22|EPI_ISL_705045|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19|USA/FL-BPHL-1047/2020|2020-07-31|EPI_ISL_517937|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spik|hCoV-19|United Arab Emirates/0144/2020|2020-05-18|EPI_ISL_698331|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
>Spik|hCoV-19|Scotland/EDB8584/2020|2020-10-21|EPI_ISL_651965|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) consortium|Mchugh|United Kingdom
>Spik|hCoV-19|England/QEUH-B4225C/2020|2020-11-08|EPI_ISL_657172|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19|USA/TX-HMH0268/2020|2020-03-26|EPI_ISL_434897|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19|Russia/SVE-RII-MH4681S/2020|2020-09-25|EPI_ISL_733233|Original|hCoV-19^^Sverdlovsk|Human|UMMC-Health|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Spik|hCoV-19|USA/CO-CDPHE-2008170936/2020|2020-08-17|EPI_ISL_677308|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA
>Spik|hCoV-19|California/HCAL-1596/2020|2020-04-27|EPI_ISL_494682|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spik|hCoV-19|Wales/PHWC-2523C/2020|2020-03-22|EPI_ISL_420977|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology|Cardiff|Moore|United Kingdom
>Spik|hCoV-19|USA/TX-HNH-MCoV-15286/2020|2020-10-21|EPI_ISL_786770|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19|Denmark/DCGC-11327/2020|2020-11-02|EPI_ISL_670843|Original|hCoV-19^^"Nordjylland"|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaellsen|Denmark
>Spik|hCoV-19|United Arab Emirates/0464/2020|2020-05-18|EPI_ISL_698634|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
>Spike|hCoV-19/Guadeloupe/IPG-7326/2020|2020-03-17|EPI_ISL_613426|Original|hCoV-19^^Baie-Mahault|Human|Institut Pasteur de la Guadeloupe|Institut Pasteur de la Guadeloupe|Enouf|Guadeloupe

>Spiek|hCoV-19/England/ALDP-943F38/2020|2020-06-07|EPI_ISL_554795|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spiek|hCoV-19/Wales/PHWC-484BC3/2020|2020-10-24|EPI ISL_628087|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spiek|hCoV-19/USA/MN-MDH-70/2020|2020-03-14|EPI ISL_460060|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spiek|hCoV-19/USA/UT-UPHL-2012266699/2020|2020-11-30|EPI ISL_779300|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spiek|hCoV-19/Switzerland/BS-65253015/2020|2020-07-21|EPI ISL_581906|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff|Switzerland

>Spiek|hCoV-19/South Africa/KRISP-K002733/2020|2020-08-16|EPI ISL_529731|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spiek|hCoV-19/England/MILK-B3866C/2020|2020-11-01|EPI ISL_659010|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spiek|hCoV-19/Scotland/CVR3319/2020|2020-05-05|EPI ISL_493871|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spiek|hCoV-19/Wales/PHWC-49EF33/2020|2020-12-09|EPI ISL_743145|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spiek|hCoV-19/Scotland/CVR3319/2020|2020-05-05|EPI ISL_493871|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spiek|hCoV-19/England/QEUH-B7E864/2020|2020-11-14|EPI ISL_668327|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spiek|hCoV-19/Netherlands/NH-EMC-54/2020|2020-08-25|EPI ISL_577850|Original|hCoV-19^^Noord Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spiek|hCoV-19/England/QEUH-C57B85/2020|2020-12-12|EPI ISL_736223|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spiek|hCoV-19/England/MILK-A480B7/2020|2020-10-06|EPI ISL_598486|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spiek|hCoV-19/USA/WI-WSLH-200108/2020|2020-04-03|EPI ISL_578339|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spiek|hCoV-19/Northern Ireland/QEUH-963D74/2020|2020-08-12|EPI ISL_531502|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spiek|hCoV-19/Australia/VIC6076/2020|2020-07-21|EPI ISL_518103|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
> Spike | hCoV-19/USA/SD-SDPHL-0014/2020 | 2020-08-05 | EPI-ISL_569622 | Original | hCoV-19^-^South Dakota | Human | Woodrow Wilson Keeble Memorial Healthcare | South Dakota Public Health Laboratory | Carlson | USA

> Spike | hCoV-19/USA/CA-CZB-10793/2020 | 2020-06-22 | EPI-ISL_583053 | Original | hCoV-19^-^California | Human | Humboldt County Public Health Laboratory | Chan-Zuckerberg Biohub | Bhatt | USA

> Spike | hCoV-19/Wales/PHWC-16869A/2020 | 2020-04-20 | EPI-ISL_494269 | Original | hCoV-19^-^Wales | Human | Originating lab | COVID-19 Genomics UK (COG-UK) Consortium | Moore | United Kingdom

> Spike | hCoV-19/USA/CA-CZB-1450/2020 | 2020-04-03 | EPI-ISL_468414 | Original | hCoV-19^-^California | Human | County of San Luis Obispo Public Health Laboratory | Chan-Zuckerberg Biohub | Hao | USA

> Spike | hCoV-19/Denmark/DCGC-17499/2020 | 2020-12-14 | EPI-ISL_750357 | Original | hCoV-19^-^Midtjylland | Human | Department of Virus and Microbiological Special Diagnostics | Albertsen Lab | Michaelsen | Denmark

> Spike | hCoV-19/England/CAMC-B08261/2020 | 2020-10-30 | EPI-ISL_643479 | Original | hCoV-19^-^England | Human | Lighthouse Lab in Cambridge | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom

> Spike | hCoV-19/England/MILK-9AB772/2020 | 2020-08-31 | EPI-ISL_549458 | Original | hCoV-19^-^England | Human | Oxford Viromics | COVID-19 Genomics UK (COG-UK) Consortium | Golubchik | United Kingdom

> Spike | hCoV-19/England/CAMC-BFB146/2020 | 2020-12-04 | EPI-ISL_760936 | Original | hCoV-19^-^England | Human | Lighthouse Lab in Cambridge | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom

> Spike | hCoV-19/Americas/2020-USA/CA/02-1052/2020 | 2020-06-15 | EPI-ISL_628731 | Original | hCoV-19^-^Texas | Human | Texas Department of State Health Services | Texas Department of State Health Services | Rahman | USA

> Spike | hCoV-19/Australia/TAS33/2020 | 2020-04-12 | EPI-ISL_522710 | Original | hCoV-19^-^Tasmania | Human | Royal Hobart Hospital Microbiology Department | MDU-PHL | Schultz | Australia

> Spike | hCoV-19/England/QEUH-9FB209/2020 | 2020-09-29 | EPI-ISL_588121 | Original | hCoV-19^-^England | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> Spike | hCoV-19/Australia/VIC12013/2020 | 2020-07-22 | EPI-ISL_640529 | Original | hCoV-19^-^Victoria | Human | Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL) | MDU-PHL | Schultz | Australia

> Spike | hCoV-19/Africa/201308229/2020 | 2020-03-25 | EPI-ISL_421825 | Original | hCoV-19^-^Kenya | Human | Respiratory Virus Unit | Respiratory Virus Unit | Platt | United Kingdom

> Spike | hCoV-19/Nigeria/AK-CV271/2020 | 2020-07-01 | EPI-ISL_729955 | Original | hCoV-19^-^Akwa-Ibom State | Human | Nigeria Centre for Disease Control (NCDC) | African Centre of Excellence for Genomics of Infectious Diseases (ACEGID) | Oluniyi | Nigeria

> Spike | hCoV-19/Russia/KDA-RII-MH2766S/2020 | 2020-09-22 | EPI-ISL_602438 | Original | hCoV-19^-^Krasnodar | Human | HELIX LLC | WHO National Influenza Centre Russian Federation | Komissarov | Russia

> Spike | hCoV-19/USA/CruiseA-5/2020 | 2020-02-21 | EPI-ISL_413610 | Original | hCoV-19^-^USA | Human | unknown | Pathogen Discovery | Queen | USA

> Spike | hCoV-19/Jordan/AM-ALSR-4956/2020 | 2020-10-04 | EPI-ISL_730230 | Original | hCoV-19^-^Amman | Human | Biolab Diagnostic Laboratories | Andersen lab at Scripps Research | Gangavarapu | Jordan

> Spike | hCoV-19/USA/CT-Yale-116/2020 | 2020-04-10 | EPI-ISL_431083 | Original | hCoV-19^-^Connecticut | Human | Yale COVID-19 Biorepository | Grubaugh Lab - Yale School of Public Health | Grubaugh | USA

> Spike | hCoV-19/Portugal/PT0074/2020 | 2020-03-21 | EPI-ISL_421477 | Original | hCoV-19^-^Portugal | Human | Instituto Nacional de Saude (INS) | Instituto Nacional de Saude (INS) | Borges | Portugal

> Spike | hCoV-19/Australia/VIC12013/2020 | 2020-07-22 | EPI-ISL_640529 | Original | hCoV-19^-^Victoria | Human | Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL) | MDU-PHL | Schultz | Australia

> Spike | hCoV-19/Africa/201308229/2020 | 2020-03-25 | EPI-ISL_421825 | Original | hCoV-19^-^Kenya | Human | Respiratory Virus Unit | Respiratory Virus Unit | Platt | United Kingdom

> Spike | hCoV-19/Nigeria/AK-CV271/2020 | 2020-07-01 | EPI-ISL_729955 | Original | hCoV-19^-^Akwa-Ibom State | Human | Nigeria Centre for Disease Control (NCDC) | African Centre of Excellence for Genomics of Infectious Diseases (ACEGID) | Oluniyi | Nigeria

> Spike | hCoV-19/Russia/KDA-RII-MH2766S/2020 | 2020-09-22 | EPI-ISL_602438 | Original | hCoV-19^-^Krasnodar | Human | HELIX LLC | WHO National Influenza Centre Russian Federation | Komissarov | Russia

> Spike | hCoV-19/USA/CruiseA-5/2020 | 2020-02-21 | EPI-ISL_413610 | Original | hCoV-19^-^USA | Human | unknown | Pathogen Discovery | Queen | USA

> Spike | hCoV-19/Jordan/AM-ALSR-4956/2020 | 2020-10-04 | EPI-ISL_730230 | Original | hCoV-19^-^Amman | Human | Biolab Diagnostic Laboratories | Andersen lab at Scripps Research | Gangavarapu | Jordan

> Spike | hCoV-19/USA/CT-Yale-116/2020 | 2020-04-10 | EPI-ISL_431083 | Original | hCoV-19^-^Connecticut | Human | Yale COVID-19 Biorepository | Grubaugh Lab - Yale School of Public Health | Grubaugh | USA

> Spike | hCoV-19/Portugal/PT0074/2020 | 2020-03-21 | EPI-ISL_421477 | Original | hCoV-19^-^Portugal | Human | Instituto Nacional de Saude (INS) | Instituto Nacional de Saude (INS) | Borges | Portugal
>Spike|hCoV-19^USA/97B71A/2020|2020-07-20|EPI_ISL_556646|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spick^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spika^USA/97B71A/2020|2020-07-20|EPI_ISL_556646|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike^Canada/ON-CVD00784/2020|2020-04-14|EPI_ISL_586272|Original|hCoV-19^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike^Australia/NSW560/2020|2020-05-24|EPI_ISL_455099|Original|hCoV-19^New South Wales|Human|South Eastern Area Laboratory Services|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England|MILK-BB1EDC/2020|2020-11-17|EPI_ISL_720224|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19|Denmark|DGCC-17829/2020|2020-12-14|EPI_ISL_749360|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelensen|Denmark

Spike|hCoV-19|England|QEUH-C159F2/2020|2020-12-05|EPI_ISL_709320|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19|England|B2026D/2020|2020-10-24|EPI_ISL_642972|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19|Chile|RM-84921/2020|2020-05-31|EPI_ISL_746809|Original|hCoV-19^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

Spike|hCoV-19|South Africa|KRISP-K002648/2020|2020-08-04|EPI_ISL_535518|Original|hCoV-19^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

Spike|hCoV-19|Chile|RM-169155/2020|2020-09-03|EPI_ISL_746706|Original|hCoV-19^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

Spike|hCoV-19|USA|TX-HMW-MCoV-10583/2020|2020-07-08|EPI_ISL_789545|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19|Denmark|DGCC-8904/2020|2020-10-26|EPI_ISL_626153|Original|hCoV-19^Novedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelensen|Denmark

Spike|hCoV-19|England|NORT-298509/2020|2020-06-01|EPI_ISL_493495|Original|hCoV-19^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashston|United Kingdom

Spike|hCoV-19|Denmark|DGCC-10094/2020|2020-11-09|EPI_ISL_669390|Original|hCoV-19^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelensen|Denmark

Spike|hCoV-19|Australia|VIC2887/2020|2020-07-05|EPI_ISL_521718|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

Spike|hCoV-19|Jordan|SEARCH-5464/2020|2020-09-14|EPI_ISL_755142|Original|hCoV-19^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

Spike|hCoV-19|England|20166000204/2020|2020-04-15|EPI_ISL_466493|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

Spike|hCoV-19|USA|FL-BPHL-2015/2020|2020-06-19|EPI_ISL_653168|Original|hCoV-19^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

Spike|hCoV-19|Cote dIvoire|BKE0891/2020|2020-08-18|EPI_ISL_614389|Original|hCoV-19^Boaouk\u00e9|Human|Molecular diagnostic unit for viral haemorrhagic fevers and emerging viruses|Project group Epidemiology of Highly Pathogenic Microorganisms|Calvignac-Spencer|C\u00f4te d'Ivoire

Spike|hCoV-19|England|QEUH-B68CCB/2020|2020-11-11|EPI_ISL_655095|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19|England|LIVE-A0E71/2020|2020-06-09|EPI_ISL_478400|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

Spike|hCoV-19|USA|MD-MDH-0522/2020|2020-11-30|EPI_ISL_778900|Original|hCoV-19^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA
>Spike|hCoV-19/Canada/MB_38/2020|2020-03-18|EPI_ISL_429819|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory|Majer|Canada
>Spik|hCoV-19/England/OXON-B1763/2020|2020-04-25|EPI_ISL_479042|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spik|hCoV-19/Japan/PG-5303/2020|2020-08-00|EPI_ISL_690406|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizu|Japan
>Spik|hCoV-19/England/MILK-B948C2/2020|2020-11-13|EPI_ISL_676244|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Majer|Canada
>Spik|hCoV-19/United Arab Emirates/0242/2020|2020-05-17|EPI_ISL_698424|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
>Spik|hCoV-19/France/IDF-10011AS/2020|2020-03-00|EPI_ISL_447713|Original|hCoV-19^^France|Human|H\u00f4pital Henri-Mondor Ap-Hp|H\u00f4pital Henri-Mondor Ap-Hp|Rodriguez|France
>Spik|hCoV-19/USA/WA-UW-23184/2020|2020-08-06|EPI_ISL_570753|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spik|hCoV-19/USA/LA-EVTL365/2020|2020-05-28|EPI_ISL_578771|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spik|hCoV-19/USA/NY-NYUMC469/2020|2020-04-20|EPI_ISL_435534|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
>Spik|hCoV-19/Netherlands/NA_117/2020|2020|EPI_ISL_52884|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spik|hCoV-19/Scotland/CVR5669/2020|2020-11-05|EPI_ISL_650726|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spik|hCoV-19/Italy/BAS-1ZSPB-383PT/2020|2020-10-25|EPI_ISL_722884|Original|hCoV-19^^Basilicata|Human|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy
>Spik|hCoV-19/USA/ME-HETL-J0027/2020|2020-03-16|EPI_ISL_513439|Original|hCoV-19^^Maine|Human|Maine HETL|Tewhey Lab|Tewhey|USA
>Spik|hCoV-19/England/EXET-139B93/2020|2020-00-00|EPI_ISL_679327|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spik|hCoV-19/USA/TX-HMH-MCOV-10266/2020|2020-07-07|EPI_ISL_789403|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19/England/QEUH-C329E0/2020|2020-12-10|EPI_ISL_782691|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/Iceland/456/2020|2020-03-20|EPI_ISL_424479|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f6nsson|Iceland
>Spik|hCoV-19/Denmark/DCGC-21974/2020|2020-12-14|EPI_ISL_757802|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark
>Spik|hCoV-19/USA/NY-Wadsworth-281400-01/2020|2020-10-27|EPI_ISL_34467|Original|hCoV-19^^New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA
>Spik|hCoV-19/England/LOND-DC568/2020|2020-11-09|EPI_ISL_679622|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spik|hCoV-19/England/CAMC-B519CE/2020|2020-11-08|EPI_ISL_658201|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/NM-DOH-2020631927/2020|2020-12-20|EPI_ISL_766911|Original|hCoV-19
^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Malone|USA
>Spike|hCoV-19/England/ALDP-9229AA/2020|2020-06-23|EPI_ISL_551451|Original|hCoV-19
^England|Human|Liverpool Clinical Laboratories|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Bangladesh/CHR0-0008/2020|2020-05-16|EPI_ISL_468076|Original|hCoV-19
^ Dhaka|Human|Child Health Research Foundation|Child Health Research Foundation|Saha|Bangladesh
>Spike|hCoV-19/Denmark/DCGC-6658/2020|2020-10-12|EPI_ISL_619561|Original|hCoV-19
^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/England/MLK-B8777B/2020|2020-11-13|EPI_ISL_724800|Original|hCoV-19
^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-18267/2020|2020-11-16|EPI_ISL_784615|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/ALDP-B24F2C/2020|2020-11-04|EPI_ISL_646653|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/England/LIVE-1D2BAB/2020|2020-03-29|EPI_ISL_612413|Original|hCoV-19
^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-12606/2020|2020-08-31|EPI_ISL_790415|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Australia/VIC2521/2020|2020-06-29|EPI_ISL_563984|Original|hCoV-19
^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/MI-MDHSS-SC20951/2020|2020-03-19|EPI_ISL_507740|Original|hCoV-19
^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/Luxembourg/LNS7202999/2020|2020-11-06|EPI_ISL_744535|Original|hCoV-19
^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/USA/AZ-TG666097/2020|2020-05-02|EPI_ISL_696187|Original|hCoV-19
^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA
>Spike|hCoV-19/Wales/PHWC-48E464/2020|2020-11-12|EPI_ISL_680861|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/LIVE-A8055/2020|2020-03-26|EPI_ISL_517107|Original|hCoV-19
^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH1112/2020|2020-06-11|EPI_ISL_513116|Original|hCoV-19
^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia
>Spike|hCoV-19/Japan/PG-6763/2020|2020-08-08|EPI_ISL_687873|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
>Spike|hCoV-19/Shanghai/SH0022/2020|2020-01-30|EPI_ISL_416331|Original|hCoV-19
^Shanghai|Human|Shanghai Public Health Clinical Center|National Research Center for Translational Medicine (Shanghai)|Zhang|China
>Spike|hCoV-19/England/LIVE-B7TCD/2020|2020-10-28|EPI_ISL_651155|Original|hCoV-19
^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19|Spain|VC-FISABIO-121|2020|2020-03-13|EPI_ISL_436216|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia\u00eda. Consorcio Hospital General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO|Public Health|Gonzalez-Candelas|Spain
>Spike|hCoV-19|Wales|PHWC-2530C|2020|2020-03-23|EPI_ISL_432207|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19|Australia|VIC9505|2020|2020-08-14|EPI_ISL_565578|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19|England|QEUH-9E379C|2020|2020-09-24|EPI_ISL_584871|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19|Wales|PHWC-15D759|2020|2020-05-13|EPI_ISL_472742|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19|Spain|MD-IBV-99008794|2020-09-21|EPI_ISL_654145|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mar\u00f1a\u00eda.|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>Spike|hCoV-19|Denmark|DGGC-5718|2020-09-21|EPI_ISL_621223|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19|Wales|PHWC-48D7D5|2020-11-07|EPI_ISL_680680|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19|Northern Ireland|NIRE-234414|2020-10-15|EPI_ISL_680385|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
>Spike|hCoV-19|Denmark|DGGC-20069|2020-12-07|EPI_ISL_747964|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19|USA|TX-DSHS-1919|2020-10-22|EPI_ISL_751529|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spike|hCoV-19|Wales|PHWC-33B9A|2020-04-20|EPI_ISL_446796|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19|England|QEUH-AE4B9E|2020-10-26|EPI_ISL_633290|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Canada|BC-BCCDC-8412|2020-10-00|EPI_ISL_740784|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada
>Spike|hCoV-19|USA|MA-MGH-00143|2020-03-26|EPI_ISL_460114|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA
>Spike|hCoV-19|Scotland|EDB612|2020-04-02|EPI_ISL_433215|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spike|hCoV-19|England|20169043104|2020-04-19|EPI ISL 465259|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19|Australia|VIC15199|2020-08-11|EPI ISL 593185|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19|Iceland|416|2020-03-19|EPI ISL 424440|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|\u00f6n|Iceland
Spike|hCoV-19|Denmark/DCGC-15605/2020|2020-11-23|EPI_ISL_713180|Original|hCoV-19
Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michael Hansen|Denmark
Spike|hCoV-19|France/PAC-IHU-0587/2020|2020-04-10|EPI_ISL_569605|Original|hCoV-19
Provence-Alpes-C%C3%93te d'Azur|Human|IEMPH|IEMPH|Levasseur|France
Spike|hCoV-19|Australia/VIC3403/2020|2020-07-11|EPI_ISL_521082|Original|hCoV-19
Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19|England/ALDP-9D90DA/2020|2020-09-18|EPI_ISL_576697|Original|hCoV-19
England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
Spike|hCoV-19|Australia/VIC2752/2020|2020-07-04|EPI_ISL_521587|Original|hCoV-19
Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19|England/ALDP-9CE668/2020|2020-09-16|EPI_ISL_575427|Original|hCoV-19
England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Thailand/Bangkok-CONI-0203/2020|2020-03-17|EPI_ISL_512853|Original|hCoV-19
Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand
Spike|hCoV-19|England/MILK-A17E4E/2020|2020-10-01|EPI_ISL_594993|Original|hCoV-19
England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashston|United Kingdom
Spike|hCoV-19|Scotland/QEUH-A0C2B9/2020|2020-10-03|EPI_ISL_599316|Original|hCoV-19
Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Denmark/DCGC-20768/2020|2020-12-21|EPI_ISL_759353|Original|hCoV-19
Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michael Hansen|Denmark
Spike|hCoV-19|England/QEUH-961620/2020|2020-07-31|EPI_ISL_537033|Original|hCoV-19
England|Human|Lighthouse Lab in Edinburgh|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA/MI-MDHSS-SC21683/2020|2020-06-26|EPI_ISL_516410|Original|hCoV-19
Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
Spike|hCoV-19|England/MILK-ABB85D/2020|2020-10-21|EPI_ISL_631021|Original|hCoV-19
England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA/CA-QDX-2013/2020|2020-03-17|EPI_ISL_604307|Original|hCoV-19
California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
Spike|hCoV-19|India/TG-CCMB-AB182/2020|2020-08-14|EPI_ISL_539709|Original|hCoV-19
telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India
Spike|hCoV-19|Japan/IC-0259/2020|2020-10-00|EPI_ISL_667688|Original|hCoV-19
Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19|USA/CA-ALSR-4435/2020|2020-09-25|EPI_ISL_649028|Original|hCoV-19
California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
Spike|hCoV-19|USA/TX-HMH-MCoV-12082/2020|2020-09-20|EPI_ISL_789868|Original|hCoV-19
Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|England/CAMC-B9811E/2020|2020-11-15|EPI_ISL_674926|Original|hCoV-19
England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|England/NORW-21FB63/2020|2020-12-14|EPI_ISL_741465|Original|hCoV-19
England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
Silva|United Kingdom
19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19^England|Human|Lighthouse Lab in Alderney|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>
> Spike|hCoV-19|Japan|PG-7314|2020-08-00|EPI_ISL_688417|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>
> Spike|hCoV-19|Spain|AN-IBV-001989|2020-03-15|EPI_ISL_509624|Original|hCoV-19^Andalucia|Human|Servicio de Microbiologia de URVeda. HRU de M|001lagga. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>
> Spike|hCoV-19|England|QEUH-9B555A|2020-09-05|EPI_ISL_549664|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>
> Spike|hCoV-19|Spain|MD-IBV-99012332|2020-11-20|EPI_ISL_779985|Original|hCoV-19^Madrid|Human|Hospital General Universitario Gregorio Mar|u00f1|u00e1laga|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>
> Spike|hCoV-19|USA|VA-DCLS-0049|2020-03-30|EPI_ISL_426457|Original|hCoV-19^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>
> Spike|hCoV-19|Australia|VIC7548|2020-00-00|EPI_ISL_564491|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>
> Spike|hCoV-19|Pakistan|NIBD-03-KHI|2020-06-10|EPI_ISL_709044|Original|hCoV-19^Pakistan|Karachi|Human|National Institute of Blood Diseases (NIBD)|Genomics Lab NIBD|Ahmed|Pakistan
>
> Spike|hCoV-19|England|QEUH-B82830|2020-11-14|EPI_ISL_661633|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>
> Spike|hCoV-19|England|QEUH-C937A7|2020-12-15|EPI_ISL_777250|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>
> Spike|hCoV-19|England|ALDP-B500BE|2020-11-09|EPI_ISL_678853|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>
> Spike|hCoV-19|Portugal|PT1458|2020-03-17|EPI_ISL_511417|Original|hCoV-19^Portugal|Human|Instituto Nacional de Saude (INS) Instituto Nacional de Saude (INS)|Borges|Portugal
>
> Spike|hCoV-19|England|CAMB-845F6|2020-04-16|EPI_ISL_443520|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>
> Spike|hCoV-19|Denmark|DGCC-13980|2020-11-30|EPI_ISL_711492|Original|hCoV-19^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertens Lab|Michaelsen|Denmark
>
> Spike|hCoV-19|USA|TX-HMH-MCoV-15258|2020-10-19|EPI_ISL_786742|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>
> Spike|hCoV-19|Chile|RM-72843|2020-05-22|EPI_ISL_746782|Original|hCoV-19^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile
>
> Spike|hCoV-19|Australia|VIC16692|2020-08-04|EPI_ISL_649151|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|Seemann|Australia
>
> Spike|hCoV-19|Japan|PG-6079|2020-07-00|EPI_ISL_689191|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>
> Spike|hCoV-19|England|MILK-9C1F6F|2020-09-10|EPI_ISL_566542|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>
> Spike|hCoV-19|England|SHEF-FC340|2020-03-28|EPI_ISL_432588|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19|Panama/329446/2020|2020-03-09|EPI_ISL_496630|Original|hCoV-19
^^Colon|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama
>Spiske|hCoV-19|Australia/VIC11127/2020|2020-08-29|EPI_ISL_563259|Original|hCoV-19
^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19|USA/CDPHE-2008070206/2020|2020-08-06|EPI_ISL_677256|Original|hCoV-19
^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Puplic Health and Environment|Bankers|USA
>Spike|hCoV-19|USA/TX-HMH-MCoV-14287/2020|2020-10-04|EPI_ISL_787572|Original|hCoV-19
^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|England/QEUlt-B31135/2020|2020-11-04|EPI_ISL_646821|Original|hCoV-19
^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|England/NORW-ECB63/2020|2020-06-18|EPI_ISL_484328|Original|hCoV-19
^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19|England/CAMB-1B1164/2020|2020-05-07|EPI_ISL_459176|Original|hCoV-19
^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spake|hCoV-19|England/CAMB-1E089/2020|2020-12-07|EPI_ISL_749652|Original|hCoV-19
^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelelsen|Denmark
>Spike|hCoV-19|Belgium/ULG-10164/2020|2020-04-19|EPI_ISL_447158|Original|hCoV-19
^^Lieve|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
>Spoke|hCoV-19|England/CAMB-BO8C81/2020|2020-10-30|EPI_ISL_643826|Original|hCoV-19
^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spoke|hCoV-19|Wales/PHWC-35D83/2020|2020-04-27|EPI_ISL_474566|Original|hCoV-19
^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spoke|hCoV-19|England/ALDP-9E8436/2020|2020-09-24|EPI_ISL_637713|Original|hCoV-19
^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spoke|hCoV-19|England/ALDP-9EA49E/2020|2020-09-24|EPI_ISL_580253|Original|hCoV-19
^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19|England/SHEF-C1214/2020|2020-10-18|EPI_ISL_611774|Original|hCoV-19
^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spoke|hCoV-19|USA/FL-BPHL-0690/2020|2020-03-26|EPI_ISL_509748|Original|hCoV-19
^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spoke|hCoV-19|England/BIRM-6A523/2020|2020-11-09|EPI_ISL_679069|Original|hCoV-19
^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom
>Spoke|hCoV-19|England/ALDP-7003D/2020|2020-06-29|EPI_ISL_557726|Original|hCoV-19
^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19|England/LOND-D4BF5/2020|2020-04-14|EPI_ISL_449662|Original|hCoV-19
^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spoke|hCoV-19|Gambia/GC19-3266/2020|2020-07-27|EPI_ISL_561055|Original|hCoV-19
^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia
>Spoke|hCoV-19|Chile/RM-I5PCH-58/2020|2020-04-02|EPI_ISL_445354|Original|hCoV-19
^^Region Metropolitana de Santiago|Human|HOSPITAL DE CARABINEROS|Instituto de Salud Publica de Chile|Fernandez|Chile
> Spike|hCoV-19/Australia/VIC2827/2020|2020-07-02|EPI_ISL_521658|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19/England/QEUH-B0DB0F/2020|2020-11-02|EPI_ISL_641962|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/England/QEUH-A8B470/2020|2020-10-16|EPI_ISL_643164|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/India/MP-NCDC-4878/2020|2020-04-16|EPI_ISL_436462|Original|hCoV-19^^Madhya Pradesh|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India
> Spike|hCoV-19/England/ALDP-C6B993/2020|2020-12-14|EPI_ISL_778412|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/MT-RML-9/2020|2020-07-20|EPI_ISL_591056|Original|hCoV-19^^Montana|Human|Virus Ecology|Virus Ecology|Martens|USA
> Spike|hCoV-19/Scotland/204980818/2020|2020-12-04|EPI_ISL_754291|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
> Spike|hCoV-19/England/24695144/2020|2020-11-18|EPI_ISL_719854|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/MT-RML-9/2020|2020-07-20|EPI_ISL_591056|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/204980818/2020|2020-12-04|EPI_ISL_754291|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/TX-DSHS-1308/2020|2020-03-31|EPI_ISL_648239|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
> Spike|hCoV-19/England/MILK-A06352/2020|2020-10-01|EPI_ISL_599851|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/WI-WSLH-200085/2020|2020-03-16|EPI_ISL_471249|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA
> Spike|hCoV-19/Wales/PHWC-26BC7/2020|2020-03-27|EPI_ISL_422148|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
> Spike|hCoV-19/Canada/BC-BCCDC-7307/2020|2020-00-00|EPI_ISL_740674|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada
> Spike|hCoV-19/Australia/VIC3117/2020|2020-07-05|EPI_ISL_520824|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
> Spike|hCoV-19/USA/IL-UW-690/2020|2020-06-28|EPI_ISL_491313|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
> Spike|hCoV-19/Scotland/CVR3170/2020|2020-04-27|EPI_ISL_449200|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
> Spike|hCoV-19/USA/MD-MDH-0409/2020|2020-11-05|EPI_ISL_666779|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA
> Spike|hCoV-19/USA/AZ-TG670255/2020|2020-03-25|EPI_ISL_696432|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA
> Spike|hCoV-19/USA/TX-HMH-5067/2020|2020-06-21|EPI_ISL_544500|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/NOTT-114642/2020|2020-10-06|EPI_ISL_577183|Original|hCoV-19\^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spik|hCoV-19/Russia/OMS-ORINFI-84995/2020|2020-07-22|EPI_ISL_569847|Original|hCoV-19\^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spik|hCoV-19/USA/DC-HP00052/2020|2020-03-07|EPI_ISL_457796|Original|hCoV-19\^District of Columbia|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Ramakrishnan|USA

>Spik|hCoV-19/USA/CA-CZB-12810/2020|2020-09-05|EPI_ISL_648461|Original|hCoV-19\^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spik|hCoV-19/Japan/PG-5469/2020|2020-08-00|EPI_ISL_690572|Original|hCoV-19\^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Kizuki|Japan

>Spik|hCoV-19/Wales/PHWC-4A6114/2020|2020-12-15|EPI_ISL_764247|Original|hCoV-19\^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moor|United Kingdom

>Spik|hCoV-19/England/QEUH-9AED04/2020|2020-09-03|EPI_ISL_573497|Original|hCoV-19\^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spik|hCoV-19/Wales/PHWC-484EF7/2020|2020-10-24|EPI_ISL_626784|Original|hCoV-19\^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moor|United Kingdom

>Spik|hCoV-19/DRC/6203/2020|2020-05-09|EPI_ISL_514109|Original|hCoV-19\^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spik|hCoV-19/Australia/VIC12476/2020|2020-09-12|EPI_ISL_563566|Original|hCoV-19\^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spik|hCoV-19/USA/NY-NYCPHL-000634/2020|2020-03-10|EPI_ISL_632081|Original|hCoV-19\^New York|Human|New York Presbyterian-Brooklyn Methodist Hospital|New York City Public Health Laboratory|Wang|USA

>Spik|hCoV-19/USA/WA-UW-12909/2020|2020-06-29|EPI_ISL_570928|Original|hCoV-19\^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spik|hCoV-19/England/OXON-AE5BA/2020|2020-09-00|EPI_ISL_448704|Original|hCoV-19\^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spik|hCoV-19/USA/WI-GMF-25857/2020|2020-10-14|EPI_ISL_660936|Original|hCoV-19\^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spik|hCoV-19/Denmark/DCGC-1112/2020|2020-03-16|EPI_ISL_614603|Original|hCoV-19\^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsens lab|Michaelensen|Denmark

>Spik|hCoV-19/Brazil/RJ-00552/2020|2020-10-29|EPI_ISL_717936|Original|hCoV-19\^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNC|Almeida|Brazil

>Spik|hCoV-19/Jordan/AQ-ALSR-5264/2020|2020-10-15|EPI_ISL_730502|Original|hCoV-19\^Aqaba|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavaramu|Jordan

>Spik|hCoV-19/Spain/MD-IBV-99009594/2020|2020-08-26|EPI_ISL_654346|Original|hCoV-19\^Madrid|Human|Hospital General Universitario Gregorio Marañon00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spik|hCoV-19/England/ALDP-A51DSA/2020|2020-10-07|EPI_ISL_597933|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19/USA/TX-HMH-MCoV-14562/2020|2020-10-08|EPI_ISL_787847|Original|hCoV-19\^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spik|hCoV-19/South Africa/NHLS-UCT-GS-0013/2020|2020-08-11|EPI_ISL_640015|Original|hCoV-19\^Western Cape|Human|Conville CDC wc CVC|NHLS/UCT|Iranzadeh|South Africa
>Spiek\|hCoV-19\^\|England/\|CAMB-77374/2020|2020-04-01|EPI\_ISL\_439378|Original|hCoV-19\^\|England/\|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spiek\|hCoV-19\^\|England/QEUH-B9P126/2020|2020-11-18|EPI\_ISL\_719907|Original|hCoV-19\^\|England/\|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spiek\|hCoV-19\^\|England/CAMB-1AE56E/2020|2020-04-30|EPI\_ISL\_524589|Original|hCoV-19\^\|England/\|Human|Department of Pathology for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiek\|hCoV-19\^\|India/GJ-GBRC115/2020|2020-05-03|EPI\_ISL\_451160|Original|hCoV-19\^\|Gujarat/\|Human|Government Medical College|Gujarat Biotechnology Research Centre|Joshi|India
>Spiek\|hCoV-19\^\|England/CAMC-A5800F/2020|2020-10-09|EPI\_ISL\_597137|Original|hCoV-19\^\|England/\|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiek\|hCoV-19\^\|England/LILK-9C2C85/2020|2020-09-10|EPI\_ISL\_566425|Original|hCoV-19\^\|England/\|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiek\|hCoV-19\^\|Luxembourg/LNS2951750/2020|2020-09-26|EPI\_ISL\_740222|Original|hCoV-19\^\|Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spiek\|hCoV-19\^\|Scotland/QEUH-C33CA/2020|2020-12-11|EPI\_ISL\_757172|Original|hCoV-19\^\|Scotland/\|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spiek\|hCoV-19\^\|Shanghai/SHE079/2020|2020-02-01|EPI\_ISL\_416381|Original|hCoV-19\^\|Shanghai/\|Human|Shanghai Public Health Clinical Center|National Research Center for Translational Medicine (Shanghai)|Zhang|China
>Spiek\|hCoV-19\^\|Poland/1107355/2020|2020-03-23|EPI\_ISL\_428235|Original|hCoV-19\^\|Poland/\|Human|Hematology Laboratory|Department of Virology|Smura|Poland
>Spiek\|hCoV-19\^\|Russia/SVE-RII-MH2066S/2020|2020-09-21|EPI\_ISL\_602401|Original|hCoV-19\^\|Sverdlovsk/\|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Spiek\|hCoV-19\^\|Denmark/DGCC-172/2020|2020-03-30|EPI\_ISL\_621824|Original|hCoV-19\^\|Sjaelland/\|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelelsen|Denmark
>Spiek\|hCoV-19\^\|Netherlands/GE-EMC-422/2020|2020-11-30|EPI\_ISL\_722711|Original|hCoV-19\^\|Netherlands/\|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands
>Spiek\|hCoV-19\^\|Wales/PHWC-496BEC/2020|2020-11-23|EPI\_ISL\_726700|Original|hCoV-19\^\|Wales/\|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spiek\|hCoV-19\^\|Portugal/IGC4245/2020|2020-06-03|EPI\_ISL\_491240|Original|hCoV-19\^\|Portugal/\|Human|Instituto Gulbenkian de Ci\u00eancia|Instituto Gulbenkian de Ci\u00eancia|Leite|Portugal
>Spiek\|hCoV-19\^\|Scotland/EDB2754/2020|2020-03-29|EPI\_ISL\_488925|Original|hCoV-19\^\|Scotland/\|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiek\|hCoV-19\^\|England/CAMC-B227CC/2020|2020-11-01|EPI\_ISL\_647209|Original|hCoV-19\^\|England/\|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spiek\|hCoV-19\^\|Northern Ireland/NIRE-FBDC5/2020|2020-04-10|EPI\_ISL\_459359|Original|hCoV-19\^\|Northern Ireland/\|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiek\|hCoV-19\^\|Hungary/UD-91485/2020|2020-10-05|EPI\_ISL\_671481|Original|hCoV-19\^\|Hajd\u00fa-Bihar county/\|Human|University of Debrecen|National Laboratory of Virology|Kemenesi|Hungary
>Spiek\|hCoV-19\^\|USA/CA-CHLA-PLM76320099/2020|2020-11-18|EPI\_ISL\_753378|Original|hCoV-19\^\|California/\|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA
Spike|hCoV-19|England/LIVE-9EC30/2020|2020-04-04|EPI_ISL_453379|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium;Haldenby;United Kingdom
Spike|hCoV-19|England/QEUEH-B6C957/2020|2020-11-11|EPI_ISL_655201|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow;Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium;Davies;United Kingdom
Spike|hCoV-19|USA/WI-4-2020|2020-11-11|EPI_ISL_453379|Original|hCoV-19^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories;University of Wisconsin-Madison AIDS Vaccine Research Laboratories;Baczenas;USA
Spike|hCoV-19|Netherlands/NA_482/2020|2020-04-08|EPI_ISL_455284|Original|hCoV-19^Netherlands|Human|Dutch COVID-19 response team;Erasmus Medical Center;Oude Munnik;Netherlands
Spike|hCoV-19|Australia/VIC3627/2020|2020-07-10|EPI_ISL_520368|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL);VIDRL and MDU-PHL;Schultz;Australia
Spike|hCoV-19|Portugal/PT1712/2020|2020-08-24|EPI_ISL_693639|Original|hCoV-19^Portugal|Human|Hospital Vila Franca de Xira;Instituto Nacional de Saude (INSA);Borges;Portugal
Spike|hCoV-19|Switzerland/BL-ETHZ-100843/2020|2020-03-25|EPI_ISL_451790|Original|hCoV-19^Basel-Landschaft|Human|Viollier AG;Department of Biosystems Science and Engineering;Nadeau;Switzerland
Spike|hCoV-19|Germany/HH-hpi-p1656/2020|2020-03-18|EPI_ISL_775846|Original|hCoV-19^Hamburg|Human|University Medical Center Hamburg Eppendorf;Heinrich Pette Institute;Robitaille;Germany
Spike|hCoV-19|Australia/VIC10848/2020|2020-09-03|EPI_ISL_563125|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL);MDU-PHL;Schultz;Australia
Spike|hCoV-19|England/NORW-E9CAF/2020|2020-04-29|EPI_ISL_461849|Original|hCoV-19^England|Human|Quadrant Institute Bioscience;COVID-19 Genomics UK (COG-UK) Consortium;Alikhani;United Kingdom
Spike|hCoV-19|Wales/PHWC-49C621/2020|2020-12-11|EPI_ISL_742583|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab;COVID-19 Genomics UK (COG-UK) Consortium;Moore;United Kingdom
Spike|hCoV-19|Denmark/DGCC-18028/2020|2020-12-14|EPI_ISL_749711|Original|hCoV-19^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics;Albertsen Lab;Micaelsen;Denmark
Spike|hCoV-19|Brazili PE-PEIAM1315/2020|2020-05-11|EPI_ISL_572388|Original|hCoV-19^Pernambuco|Human|LACEN/PE;WallauLab;Wallau;Brazil
Spike|hCoV-19|Japan/IC-0040/2020|2020-05-00|EPI_ISL_591382|Original|hCoV-19^Japan|Human|Pathogen Genomics Center;Pathogen Genomics Center;Seikuzuka;Japan
Spike|hCoV-19|England/MILK-B385AB/2020|2020-11-01|EPI_ISL_658839|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes;Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium;Davies;United Kingdom
Spike|hCoV-19|Australia/NSW37/2020|2020-03-10|EPI_ISL_417395|Original|hCoV-19^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health;NSW Health Pathology - Institute of Clinical Pathology and Medical Research;Westmead Hospital;University of Sydney;Eden;Australia
Spike|hCoV-19|Denmark/DGCC-10112/2020|2020-11-09|EPI_ISL_669401|Original|hCoV-19^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics;Albertsen Lab;Micaelsen;Denmark
Spike|hCoV-19|England/CAMC-9485C8/2020|2020-07-15|EPI_ISL_556809|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge;Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium;Davies;United Kingdom
Spike|hCoV-19|Australia/VIC338/2020|2020-03-20|EPI_ISL_426647|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL);Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory;Schultz;Australia
Spike|hCoV-19|USA/NY-NYUMC554/2020|2020-03-30|EPI_ISL_444671|Original|hCoV-19^New York|Human|NYU Langone Health|Departments of Pathology and Medicine;Maurano;USA
> Spike| hCoV-19| England| CAMC-B08E03| 2020| 2020-10-29| EPI_ISL_673104| Original|hCoV-19
> Spike| hCoV-19| England| ALDP-9EA6A7| 2020| 2020-09-24| EPI_ISL_580110| Original|hCoV-19
> Spike| hCoV-19| England| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom
> Spike| hCoV-19| England| SARS-CoV-2| 2020| 2020-09-24| EPI_ISL_580111| Original|hCoV-19
> Spike| hCoV-19| England| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom
> Spike| hCoV-19| England| SHEF-C4FCFP| 2020| 2020-04-03| EPI_ISL_432798| Original|hCoV-19
> Spike| hCoV-19| England| Virology Department| COVID-19 Genomics UK (COG-UK) Consortium| de Silva| United Kingdom
> Spike| hCoV-19| South Korea| KCDC2778| 2020| 2020-07-24| EPI_ISL_526712| Original|hCoV-19
> Spike| hCoV-19| South Korea| Department of Viral Diseases| Division of Viral Diseases| Kim| South Korea
> Spike| hCoV-19| England| ALDP-9E61D7| 2020| 2020-09-24| EPI_ISL_580415| Original|hCoV-19
> Spike| hCoV-19| England| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom
> Spike| hCoV-19| England| SHEF-C4FCFP| 2020| 2020-04-03| EPI_ISL_432798| Original|hCoV-19
> Spike| hCoV-19| England| Virology Department| COVID-19 Genomics UK (COG-UK) Consortium| de Silva| United Kingdom
> Spike| hCoV-19| USA| CA-CZB-1757| 2020| 2020-03-19| EPI_ISL_476774| Original|hCoV-19
> Spike| hCoV-19| California| Stanford clinical virology lab| Chan-Zuckerberg Biohub| Kamm| USA
> Spike| hCoV-19| United Arab Emirates| 0971| 2020| 2020-06-29| EPI_ISL_698191| Original|hCoV-19
> Spike| hCoV-19| Abu Dhabi| Group 42 Healthcare| G42 Healthcare| Ogorzalek| United Arab Emirates
> Spike| hCoV-19| England| MILK-B3B238| 2020| 2020-10-30| EPI_ISL_706055| Original|hCoV-19
> Spike| hCoV-19| England| Human| Oxford Viromics| COVID-19 Genomics UK (COG-UK) Consortium| Golubchik| United Kingdom
> Spike| hCoV-19| Taiwan| NTU32| 2020| 2020-11-17| EPI_ISL_693303| Vero E6|hCoV-19
> Spike| hCoV-19| Taipei| Department of Laboratory Medicine| Microbial Genomics Core Lab| Lin| Taiwan
> Spike| hCoV-19| Finland| FIN03032020B| 2020| 2020-03-03| EPI_ISL_413603| Original|hCoV-19
> Spike| hCoV-19| Helsinki| Department of Virology and Immunology| Department of Virology| Smura| Finland
> Spike| hCoV-19| England| QEUH-BAODC4| 2020| 2020-11-18| EPI_ISL_719622| Original|hCoV-19
> Spike| hCoV-19| England| Lighthouse Lab in Glasgow| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom
> Spike| hCoV-19| USA| TX-DHSHS-0346| 2020| 2020-06-13| EPI_ISL_538284| Original|hCoV-19
> Spike| hCoV-19| Texas| Department of State Health Services| Texas Department of State Health Services| Rahman| USA
> Spike| hCoV-19| Singapore| 929| 2020| 2020-03-28| EPI_ISL_538461| Original|hCoV-19
> Spike| hCoV-19| Singapore| Department of Laboratory Medicine| Department of Laboratory Medicine| Chen| Singapore
> Spike| hCoV-19| USA| TX-HMH-MCoV-14851| 2020| 2020-10-13| EPI_ISL_786335| Original|hCoV-19
> Spike| hCoV-19| Texas| Houston Methodist Hospital| Houston Methodist Hospital| Long| USA
> Spike| hCoV-19| England| BRIS-12F398| 2020| 2020-04-11| EPI_ISL_488305| Original|hCoV-19
> Spike| hCoV-19| England| PHE South West Regional Laboratory| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom
> Spike| hCoV-19| England| NORT-281B5F| 2020| 2020-03-23| EPI_ISL_472180| Original|hCoV-19
> Spike| hCoV-19| England| Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Harlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust / COVID-19 Genomics UK (COG-UK) Consortium| Robertson| United Kingdom
> Spike| hCoV-19| Scotland| CVR4546| 2020| 2020-09-22| EPI_ISL_585405| Original|hCoV-19
> Spike| hCoV-19| Scotland| Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research| COVID-19 Genomics UK (COG-UK) Consortium| Robertson| United Kingdom
> Spike| hCoV-19| Japan| PG-7333| 2020| 2020-08-08| EPI_ISL_688436| Original|hCoV-19
> Spike| hCoV-19| Japan| Pathogen Genomics Center| Pathogen Genomics Center| Sekizuka| Japan
> Spike| hCoV-19| Japan| MILK-ABBD30| 2020| 2020-10-21| EPI_ISL_631146| Original|hCoV-19
> Spike| hCoV-19| England| Lighthouse Lab in Milton Keynes| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom
>Spike|hCoV-19/Wales/PHWC-260E6/2020|2020-03-25|EPI ISL_422282|Original|hCoV-19
>Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spa|Spike|hCoV-19/USA/SC-DHEC-1084/2020|2020-07-08|EPI ISL_541667|Original|hCoV-19
>South Carolina|Human|Microbiology Division|Microbiology Division|Flores|USA

>Spa|Spike|hCoV-19/Belgium/20A44/2020|2020-04-09|EPI ISL_452149|Original|hCoV-19
>Brussels|Human|CUB Hospital Erasme Laboratoire d'Anatomie Pathologique|CUB Hospital Erasme Laboratoire d'Anatomie Pathologique|Van Campenhout|Belgium

>Spa|Spike|hCoV-19/Oman/RESP-20-B-2932/2020|2020-04-24|EPI ISL_518847|Original|hCoV-19
>Muscat|Human|Oman-National influenza Center|Biotechnology & OMICS Laboratory|Al Mahruqi|Oman

>Spa|Spike|hCoV-19/England/20189163501/2020|2020-05-01|EPI ISL_465566|Original|hCoV-19
>England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spa|Spike|hCoV-19/England/CAMB-18139D/2020|2020-05-22|EPI ISL_492189|Original|hCoV-19
>England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (CG-UK) consortium|Davies|United Kingdom

>Spa|Spike|hCoV-19/Denmark/DCGC-3808/2020|2020-08-31|EPI ISL_622702|Original|hCoV-19
>Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spa|Spike|hCoV-19/England/QEUH-9DC963/2020|2020-09-21|EPI ISL_580914|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (CG-UK) consortium|Davies|United Kingdom

>Spa|Spike|hCoV-19/USA/TX-HMH-MCoV-18632/2020|2020-11-20|EPI ISL_784980|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spa|Spike|hCoV-19/USA/WA-S1993/2020|2020-06-04|EPI ISL_497421|Original|hCoV-19
>Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spa|Spike|hCoV-19/USA/CA-CZB-10003/2020|2020-07-09|EPI ISL_672056|Original|hCoV-19
>California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spa|Spike|hCoV-19/England/CAMC-B2260B/2020|2020-11-01|EPI ISL_645096|Original|hCoV-19
>England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (CG-UK) Consortium|Davies|United Kingdom

>Spa|Spike|hCoV-19/USA/FL-BMMG/2020|2020-08-31|EPI ISL_602320|Original|hCoV-19
>Florida|Human|University of Miami Immunology and Histocompatibility Laboratory|University of Miami Immunology and Histocompatibility Laboratory|Margolles-Clark|USA

>Spa|Spike|hCoV-19/USA/FL-BPHL-1759/2020|2020-10-02|EPI ISL_613867|Original|hCoV-19
>Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spa|Spike|hCoV-19/Denmark/DCGC-21560/2020|2020-12-21|EPI ISL_758235|Original|hCoV-19
>Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spa|Spike|hCoV-19/England/MILK-999CA5/2020|2020-08-29|EPI ISL_550292|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (CG-UK) consortium|Davies|United Kingdom

>Spa|Spike|hCoV-19/Wales/PHWC-492E23/2020|2020-11-28|EPI ISL_725794|Original|hCoV-19
>Wales|Human|Originating lab|COVID-19 Genomics UK (CG-UK) Consortium|Moore|United Kingdom

>Spa|Spike|hCoV-19/USA/UT-UPHL-2009497/2020|2020-07-14|EPI ISL_605181|Original|hCoV-19
>Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spa|Spike|hCoV-19/England/QEUH-B2B514/2020|2020-11-03|EPI ISL_646674|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (CG-UK) consortium|Davies|United Kingdom

>Spa|Spike|hCoV-19/Scotland/GCVR-171397/2020|2020-03-25|EPI ISL_459583|Original|hCoV-19
>Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (CG-UK) consortium|Davies|United Kingdom

>Spa|Spike|hCoV-19/Scotland/EDB9175/2020|2020-11-02|EPI ISL_651524|Original|hCoV-19
>Scotland|Human|Virology Department|COVID-19 Genomics UK (CG-UK) Consortium|McHugh|United Kingdom
Spike|hCoV-19/Netherlands/NA_75/2020|2020-03-10|EPI_ISL_422835|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands

Spike|hCoV-19/USA/CA-CZB-4054/2020|2020-07-16|EPI_ISL_548644|Original|hCoV-19^^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

Spike|hCoV-19/Denmark/DGCC-10092/2020|2020-11-09|EPI_ISL_669388|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albersen Lab|Michaelsen|Denmark

Spike|hCoV-19/England/LIVE-9BE97/2020|2020-03-26|EPI_ISL_449472|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) consortium|Haldenby|United Kingdom

Spike|hCoV-19/United Arab Emirates/0856/2020|2020-05-19|EPI_ISL_698995|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

Spike|hCoV-19/England/20142083804/2020|2020-03-30|EPI_ISL_423466|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

Spike|hCoV-19/Scotland/EDB6258/2020|2020-06-02|EPI_ISL_478240|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) consortium|Williams|United Kingdom

Spike|hCoV-19/USA/WA-UW45/2020|2020-03-08|EPI_ISL_415610|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

Spike|hCoV-19/USA/20178043904/2020|2020-04-20|EPI_ISL_465420|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

Spike|hCoV-19/USA/2019-S1954/2020|2020-06-03|EPI_ISL_497382|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

Spike|hCoV-19/England/20110000706/2020|2020-03-05|EPI_ISL_417302|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

Spike|hCoV-19/England/2020-10-21|EPI_ISL_623518|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Meredith|United Kingdom

Spike|hCoV-19/England/19237/2020|2020-12-07|EPI_ISL_748835|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

Spike|hCoV-19/USA/WA-S2796/2020|2020-08-19|EPI_ISL_530153|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

Spike|hCoV-19/Scotland/EDB4244/2020|2020-04-21|EPI_ISL_487879|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/USA/2005220677/2020|2020-05-21|EPI_ISL_710311|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Puplic Health and Environment|Bankers|USA

Spike|hCoV-19/Switzerland/GE-SNRCI-7899/2020|2020-03-00|EPI_ISL_548207|Original|hCoV-19^^Geneve|Human|Laboratoire de Virologie|Swiss National Reference Centre for Influenza|Gon\u00e7alves Cabecinhas|Switzerland

Spike|hCoV-19/Australia/VIC5097/2020|2020-07-19|EPI_ISL_519900|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

Spike|hCoV-19/Wales/PHWC-4A57C8/2020|2020-12-16|EPI_ISL_764921|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom

Spike|hCoV-19/USA/CA-S895/2020|2020-04-24|EPI_ISL_463385|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
>Spike|hCoV-19^England/MILK-A7A0BC/2020|2020-10-15|EPI_ISL_606621|Original|hCoV-19 ^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

&Spike|hCoV-19^England/NORT-29D2D/2020|2020-05-06|EPI_ISL_493498|Original|hCoV-19 ^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

&Spike|hCoV-19^England/SHEF-CF920/2020|2020-09-19|EPI_ISL_573748|Original|hCoV-19 ^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

&Spike|hCoV-19^England/CAMC-B0986E/2020|2020-10-30|EPI_ISL_673042|Original|hCoV-19 ^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

&Spike|hCoV-19^Spain/CT-IBV-99009906/2020|2020-08-08|EPI_ISL_660303|Original|hCoV-19 ^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

&Spike|hCoV-19^USA/WA-UW40/2020|2020-03-05|EPI_ISL_415605|Original|hCoV-19 ^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

&Spike|hCoV-19^England/QEUH-B7C3B0/2020|2020-11-13|EPI_ISL_668321|Original|hCoV-19 ^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

&Spike|hCoV-19^England/CAMB-19E665/2020|2020-11-05|EPI_ISL_650962|Original|hCoV-19 ^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

&Spike|hCoV-19^England/QEUH-A7928A/2020|2020-10-12|EPI_ISL_638795|Original|hCoV-19 ^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

&Spike|hCoV-19^Spain/CM-ISCIII-202018188/2020|2020-03-21|EPI_ISL_539526|Original|hCoV-19 ^Castilla La Mancha|Human|Consejeria de Sanidad y Asuntos Sociales|Instituto de Salud Carlos III|Caballero|Spain

&Spike|hCoV-19^England/ALDP-A957F2/2020|2020-10-19|EPI_ISL_624657|Original|hCoV-19 ^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

&Spike|hCoV-19^Australia/SAP180/2020|2020-03-18|EPI_ISL_492121|Original|hCoV-19 ^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

&Spike|hCoV-19^South Korea/KCDC2458/2020|2020-06-08|EPI_ISL_514861|Original|hCoV-19 ^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

&Spike|hCoV-19^England/LOND-124C5D7/2020|2020-03-30|EPI_ISL_492876|Original|hCoV-19 ^England|Human|Royal Free Hospital / Health Services Laboratories|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

&Spike|hCoV-19^England/CAMC-BOABFB/2020|2020-10-29|EPI_ISL_643374|Original|hCoV-19 ^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

&Spike|hCoV-19^Netherlands/UT-RIVM-20819/2020|2020-12-16|EPI_ISL_790875|Original|hCoV-19 ^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

&Spike|hCoV-19^Wales/PHWC-34689/2020|2020-04-20|EPI_ISL_446956|Original|hCoV-19 ^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

&Spike|hCoV-19^Bangladesh/BCSIR-NILMRC-192/2020|2020-06-17|EPI_ISL_483634|Original|hCoV-19 ^Chittagong|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

&Spike|hCoV-19^USA/NY-Wadsworth-248789-01/2020|2020-10-19|EPI_ISL_734374|Original|hCoV-19 ^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
>Spike|hCoV-19|England/MILK-99CFB8/2020|2020-08-30|EPI_ISL_549908|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spieke|hCoV-19|USA/TX-HHH-MCoV-14607/2020|2020-10-09|EPI_ISL_787892|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spieke|hCoV-19|England/ALDP-95C1AF/2020|2020-06-17|EPI_ISL_555120|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spieke|hCoV-19|Wales/PHWC-49003E/2020|2020-11-12|EPI_ISL_706441|Original|hCoV-19
>Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spieke|hCoV-19|Canada/BC_21008826/2020|2020-03-00|EPI_ISL_462785|Original|hCoV-19
>British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spieke|hCoV-19|Canada/ON-UHTC_0399/2020|2020-11-24|EPI_ISL_698080|Original|hCoV-19
>Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spieke|hCoV-19|England/OEEUH-AE286C/2020|2020-10-27|EPI_ISL_633550|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spieke|hCoV-19|Australia/VIC14492/2020|2020-08-13|EPI_ISL_592519|Original|hCoV-19
>Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spieke|hCoV-19|USA/NY-Wadsworth-192873-01/2020|2020-06-24|EPI_ISL_677004|Original|hCoV-19
>New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA

>Spieke|hCoV-19|England/CAMC-A3F04A/2020|2020-10-06|EPI_ISL_609715|Original|hCoV-19
>England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spieke|hCoV-19|South Africa/KRISP-K002370/2020|2020-07-22|EPI_ISL_515738|Original|hCoV-19
>KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spieke|hCoV-19|Denmark/DCGC-17620/2020|2020-12-14|EPI_ISL_751109|Original|hCoV-19
>Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albersen Lab|Michaelensen|Denmark

>Spieke|hCoV-19|USA/CA-IGI-0072/2020|2020-05-29|EPI_ISL_511826|Original|hCoV-19
>California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spieke|hCoV-19|USA/UT-UPHL-2012759080/2020|2020-08-11|EPI_ISL_745903|Original|hCoV-19
>Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spieke|hCoV-19|England/QEUH-B7DC87/2020|2020-11-14|EPI_ISL_741912|Original|hCoV-19
>England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spieke|hCoV-19|Scotland/QEUH-9CFDFE/2020|2020-09-16|EPI_ISL_601838|Original|hCoV-19
>Scotland|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spieke|hCoV-19|Wales/PHWC-328C1/2020|2020-04-14|EPI_ISL_474362|Original|hCoV-19
>Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spieke|hCoV-19|Belgium/rega-10191284/2020|2020-10-19|EPI_ISL_735191|Original|hCoV-19
>Blanden|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spieke|hCoV-19|USA/CA-ALSR-3209/2020|2020-07-27|EPI_ISL_635911|Original|hCoV-19
>California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spieke|hCoV-19|USA/WI-UW-1803/2020|2020-09-10|EPI_ISL_605675|Original|hCoV-19
>Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH566/2020|2020-04-22|EPI_ISL_512963|Original|hCoV-19^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/ALDP-B62FC8/2020|2020-11-08|EPI_ISL_655387|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200565/2020|2020-05-29|EPI_ISL_578678|Original|hCoV-19^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/ALDP-C47EF8/2020|2020-12-12|EPI_ISL_718828|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/HECH-2599C94/2020|2020-05-05|EPI_ISL_482092|Original|hCoV-19^England|Human|Microbiology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2109/2020|2020-09-29|EPI_ISL_677514|Original|hCoV-19^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Canada/BC_22037912/2020|2020-03-00|EPI_ISL_462822|Original|hCoV-19^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/NORT-1B72320/2020|2020-11-26|EPI_ISL_724870|Original|hCoV-19^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0462/2020|2020-05-05|EPI_ISL_477671|Original|hCoV-19^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Switzerland/BS-42386285/2020|2020-08-08|EPI_ISL_581942|Original|hCoV-19^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/LIVE-A7469/2020|2020-03-28|EPI_ISL_517024|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Japan/PG-6842/2020|2020-09-00|EPI_ISL_687950|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan

>Spike|hCoV-19/England/GSTT-265D581/2020|2020-03-23|EPI_ISL_483979|Original|hCoV-19^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15CB03/2020|2020-03-29|EPI_ISL_472581|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-A8A990/2020|2020-10-15|EPI_ISL_638865|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/204590493/2020|2020-11-06|EPI_ISL_683513|Original|hCoV-19^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0901/2020|2020-06-16|EPI_ISL_610037|Original|hCoV-19^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/LIVE-9DE95/2020|2020-04-05|EPI_ISL_453242|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2109/2020|2020-03-11|EPI_ISL_498010|Original|hCoV-19^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/HECH-2599C94/2020|2020-05-05|EPI_ISL_482092|Original|hCoV-19^England|Human|Microbiology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A7469/2020|2020-03-28|EPI_ISL_517024|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Japan/PG-6842/2020|2020-09-00|EPI_ISL_687950|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan

>Spike|hCoV-19/England/GSTT-265D581/2020|2020-03-23|EPI_ISL_483979|Original|hCoV-19^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15CB03/2020|2020-03-29|EPI_ISL_472581|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-A8A990/2020|2020-10-15|EPI_ISL_638865|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/204590493/2020|2020-11-06|EPI_ISL_683513|Original|hCoV-19^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0901/2020|2020-06-16|EPI_ISL_610037|Original|hCoV-19^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/LIVE-9DE95/2020|2020-04-05|EPI_ISL_453242|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2109/2020|2020-03-11|EPI_ISL_498010|Original|hCoV-19^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/HECH-2599C94/2020|2020-05-05|EPI_ISL_482092|Original|hCoV-19^England|Human|Microbiology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2109/2020|2020-09-29|EPI_ISL_677514|Original|hCoV-19^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
Spike|hCoV-19/Wales/QEUH-AE4B25/2020|2020-10-26|EPI_ISL_647912|Original|hCoV-19^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/England/QEUH-A0173D/2020|2020-10-02|EPI_ISL_595820|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
Spike|hCoV-19/Scotland/CVR5060/2020|2020-10-10|EPI_ISL_594793|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
Spike|hCoV-19/England/EXET-13EF47/2020|2020-12-15|EPI_ISL_764158|Original|hCoV-19^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
Spike|hCoV-19/India/TG-CCMB-X103/2020|2020-07-15|EPI_ISL_528844|Original|hCoV-19^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India
Spike|hCoV-19/USA/TX-HMH-MCoV-14172/2020|2020-10-02|EPI_ISL_787457|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/England/NOTT-10FD09/2020|2020-04-08|EPI_ISL_441438|Original|hCoV-19^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
Spike|hCoV-19/Scotland/QEUH-A9B60E/2020|2020-10-20|EPI_ISL_625393|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/MILK-A7C08D/2020|2020-10-15|EPI_ISL_606359|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/CAMC-9B1B22/2020|2020-09-04|EPI_ISL_566589|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/NORW-FO13D/2020|2020-10-10|EPI_ISL_595177|Original|hCoV-19^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Ali Khan|United Kingdom
Spike|hCoV-19/Denmark/DGCC-15688/2020|2020-11-23|EPI_ISL_713965|Original|hCoV-19^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelelsen|Denmark
Spike|hCoV-19/Belgium/rega-0409561/2020|2020-04-09|EPI_ISL_734551|Original|hCoV-19^Braine-Le-Comte|Human|UZ Leuven|KU Leuven|Maes|Belgium
Spike|hCoV-19/England/ALDP-B5DE69/2020|2020-11-10|EPI_ISL_723601|Original|hCoV-19^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
Spike|hCoV-19/England/CAMB-760F6/2020|2020-03-30|EPI_ISL_438268|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
Spike|hCoV-19/Ireland/CO-NVRL-78IRL75683/2020|2020-11-22|EPI_ISL_752576|Original|hCoV-19^Cork|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland
Spike|hCoV-19/England/NOTT-121466/2020|2020-12-16|EPI_ISL_741637|Original|hCoV-19^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) consortium|Loose|United Kingdom
Spike|hCoV-19/South Africa/KRISP-108/2020|2020-05-04|EPI_ISL_455638|Original|hCoV-19^KwaZulu-Natal|Human|KRISP|KRISP|de Oliveira|South Africa
>Spike|hCoV-19|England/NORT-28420C/2020|2020-03-15|EPI_ISL_478536|Original|hCoV-19\^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19|USA/CA-ALDP-9C2E2F/2020|2020-09-16|EPI_ISL_573096|Original|hCoV-19\^England|Human|Quadrac Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19|England|ALDP-A2E2A2/2020|2020-10-06|EPI_ISL_586595|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|England/CAMB-1A84A/2020|2020-04-26|EPI_ISL_444336|Original|hCoV-19\^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19|USA/WA-UW-9016/2020|2020-05-12|EPI_ISL_570226|Original|hCoV-19\^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19|England/ALDP-A2E2A2/2020|2020-10-06|EPI_ISL_586595|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|England/GZMU0081/2020|2020-02-14|EPI_ISL_457692|Original|hCoV-19\^Guangzhou|Human|The First Affiliated Hospital of Guangzhou Medical University|BGI-shenzhen & The First Affiliated Hospital of Guangzhou Medical University|Ji|China

>Spike|hCoV-19|USA/WA-S2224/2020|2020-06-08|EPI_ISL_497652|Original|hCoV-19\^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19|England/CAMC-B545D6/2020|2020-11-08|EPI_ISL_658191|Original|hCoV-19\^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|Denmark/DGCC-20376/2020|2020-12-21|EPI_ISL_759114|Original|hCoV-19\^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albersen Lab|Michaelsen|Denmark

>Spike|hCoV-19|California/USA/CA-CZB-14397/2020|2020-07-02|EPI_ISL_738577|Original|hCoV-19\^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19|Latvia/091/2020|2020-07-07|EPI_ISL_512646|Original|hCoV-19\^Latvia|Human|E. Gulbja Laboratorija|Latvian Biomedical Research and Study Centre|Zrelovs|Latvia

>Spike|hCoV-19|USA/ME-HETL-J0276/2020|2020-10-04|EPI_ISL_755422|Original|hCoV-19\^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA
>Spike|hCoV-19/England/MILK-A7B640/2020|2020-10-15|EPI ISL_607515|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spica|hCoV-19/USA/TX-HMH-MCoV-18592/2020|2020-11-19|EPI ISL_784940|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spica|hCoV-19/USA/WI-WSLH-200511/2020|2020-05-24|EPI ISL_578652|Original|hCoV-19
>Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA
>Spica|hCoV-19/USA/MN-MDH-1694/2020|2020-04-08|EPI ISL_560781|Original|hCoV-19
>Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA
>Spica|hCoV-19/Germany/TH-TIMK-CaSe-31/2020|2020-11-02|EPI ISL_768726|Original|hCoV-19
>Thuringia|Human|Jena University Hospital|Institute of Infectious medicine & hospital hygiene|Brandt|Germany
>Spica|hCoV-19/Netherlands/NA 212/2020|2020-03-24|EPI ISL_422747|Original|hCoV-19
>Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spica|hCoV-19/Wales/PHWC-34847/2020|2020-04-14|EPI ISL_446983|Original|hCoV-19
>Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spica|hCoV-19/England/20139032404/2020|2020-03-27|EPI ISL_421918|Original|hCoV-19
>England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spica|hCoV-19/USA/MI-MDHH-SC22633/2020|2020-12-01|EPI ISL_737111|Original|hCoV-19
>Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spica|hCoV-19/Scotland/EOUH-9F54EB/2020|2020-09-24|EPI ISL_588519|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spica|hCoV-19/USA/AZ-TG618013/2020|2020-07-17|EPI ISL_695668|Original|hCoV-19
>Arizona|Human|AZ SPHL|TGenn North|French|USA
>Spica|hCoV-19/Denmark/DGCC-6496/2020|2020-10-05|EPI ISL_620396|Original|hCoV-19
>Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spica|hCoV-19/USA/WA-S1475/2020|2020-05-11|EPI ISL_495650|Original|hCoV-19
>Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spica|hCoV-19/Scotland/EDB10104/2020|2020-10-03|EPI ISL_680469|Original|hCoV-19
>Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Mchugh|United Kingdom
>Spica|hCoV-19/Switzerland/VD-ETHZ-321421/2020|2020-10-14|EPI ISL_603659|Original|hCoV-19
>Vaud|Human|Violeir AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spica|hCoV-19/England/MILK-C5168A/2020|2020-12-11|EPI ISL_769828|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spica|hCoV-19/England/MILK-B8824B/2020|2020-11-13|EPI ISL_674236|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spica|hCoV-19/USA/MA-MGH-00416/2020|2020-03-07|EPI ISL_460353|Original|hCoV-19
>Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA
>Spica|hCoV-19/England/MILK-A7AA72/2020|2020-10-15|EPI ISL_606514|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spica|hCoV-19/England/CAMC-B33519/2020|2020-11-05|EPI ISL_659323|Original|hCoV-19
>England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spica|hCoV-19/England/ALDP-A95EC0/2020|2020-10-19|EPI ISL_624682|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC5854/2020|2020-07-19|EPI_ISL_518647|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/NSW774/2020|2020-07-28|EPI_ISL_526116|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/MILK-A7AB9D/2020|2020-10-16|EPI_ISL_606786|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG=7604/2020|2020-07-00|EPI_ISL_686706|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Sweden/20-51387/2020|2020-05-12|EPI_ISL_455107|Original|hCoV-19^^Vastra Gotaland|Human|Narhalsan Mellerud|The Public Health Agency of Sweden|Svartstr|006f|Sweden

>Spike|hCoV-19/Scotland/EDB5456/2020|2020-05-25|EPI_ISL_529690|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/India/MH-AFCO-8108/2020|2020-06-16|EPI_ISL_721637|Original|hCoV-19^^Maharashtra|Human|Armed Forces Medical College|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/USA/PA-MGSC40-05/2020|2020-03-26|EPI_ISL_436488|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Laboratory|Microbial Genome Sequencing Center|Cooper|USA

>Spike|hCoV-19/England/CAMC-9BICA7/2020|2020-09-04|EPI_ISL_566453|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12C920/2020|2020-05-14|EPI_ISL_469509|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-C2B-1734/2020|2020-05-13|EPI_ISL_468655|Original|hCoV-19^^California|Human|Contra Costa Public Health Lab|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/England/MILK-84375F/2020|2020-07-16|EPI_ISL_557332|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-458/2020|2020-06-18|EPI_ISL_484833|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Switzerland/ZH-UZH-IMV112/2020|2020-12-19|EPI_ISL_730629|Original|hCoV-19^^Zurich|Human|M\u00e4nnedorf Hospital|Institute of Medical Virology|Schmutz|Switzerland

>Spike|hCoV-19/England/CAMC-A580B4/2020|2020-10-07|EPI_ISL_596944|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0337/2020|2020-04-01|EPI_ISL_569463|Original|hCoV-19^^Provence-Alpes-C\u00e9te d\'Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Chile/MI-IHCU-1009/2020|2020-04-05|EPI_ISL_445245|Original|hCoV-19^^Region Metropolitana de Santiago|Human|CLINICA ALEMANA DE SANTIAGO S.A.|Instituto de Salud Publica de Chile|Fernandez|Chile

>Spike|hCoV-19/Denmark/DGCC-6599/2020|2020-10-12|EPI_ISL_619647|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelson|Denmark

>Spike|hCoV-19/Australia/VIC7050/2020|2020-07-07|EPI_ISL_564209|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/TX-HMH-MCoV-13353/2020|2020-08-24|EPI_ISL_788500|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|Germany/NW-HHU-154/2020|2020-03-10|EPI_ISL_602524|Original|hCoV-19^^North Rhine-Westphalia|Human|Institute for Virology|Center of Medical Microbiology|Wienemann|Germany

>Spikes|hCoV-19|Denmark/DGCC-5661/2020|2020-09-20|EPI_ISL_619948|Original|hCoV-19^^Southland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelisen|Denmark

>Spikes|hCoV-19|England/QEUH-AF05BF/2020|2020-10-29|EPI_ISL_662811|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19|England/QEUH-2038/2020|2020-12-05|EPI_ISL_778944|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19|USA/LA-EVT1278/2020|2020-12-05|EPI_ISL_778944|Original|hCoV-19^^Los Angeles|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spikes|hCoV-19|USA/MD-MDH-0199/2020|2020-06-08|EPI_ISL_560812|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spikes|hCoV-19|USA/CA-HETL-J0250/2020|2020-09-28|EPI_ISL_755403|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spikes|hCoV-19|USA/MI-UM-10033760952/2020|2020-03-23|EPI_ISL_578096|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spikes|hCoV-19|USA/CA-HETL-J0250/2020|2020-09-28|EPI_ISL_755403|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spikes|hCoV-19|Switzerland/BS-UHB-42192489/2020|2020-03-16|EPI_ISL_528127|Original|hCoV-19^^Switzerland|Human|University of Bern Public Health Network Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spikes|hCoV-19|Canada/BC_08940467/2020|2020-04-00|EPI_ISL_466838|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spikes|hCoV-19|USA/CA-IGI-0084/2020|2020-06-08|EPI_ISL_511838|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spikes|hCoV-19|USA/FL-BPHL-2038/2020|2020-07-16|EPI_ISL_653191|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spikes|hCoV-19|England/MILK-B55BF1/2020|2020-11-05|EPI_ISL_658303|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19|England/QEUH-9FF93D/2020|2020-09-30|EPI_ISL_600290|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19|France/BRE-IPOP970/2020|2020-09-14|EPI_ISL_718229|Original|hCoV-19^^Bretagne|Human|Hospital|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spikes|hCoV-19|USA/IL-NN-0463/2020|2020-04-21|EPI_ISL_626412|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA
>Spike|hCoV-19/Denmark/DCGC-17903/2020|2020-12-14|EPI_ISL_749634|Original|hCoV-19^^England|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Maehlensen|Denmark
>Spke|hCoV-19/Austria/CeMM0031/2020|2020-03-09|EPI_ISL_437920|Original|hCoV-19^^Tschechland|Human|Institut f\u00fcr Virologie am Department f\u00fcr Hygiene|Berghaler laboratory|Berghaler|Austria
>Spke|hCoV-19/Canada/ON-OICR-SLB2789/2020|2020-03-25|EPI_ISL_538323|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Centre / Queen's University|Ontario Institute for Cancer Research|De Borja|Canada
>Spke|hCoV-19/England/BIRM-67C4F/2020|2020-11-06|EPI_ISL_651630|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom
>Spke|hCoV-19/Finland/23LS5G11/2020|2020-10-23|EPI_ISL_759778|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland
>Spke|hCoV-19/Scotland/CVR2440/2020|2020-04-14|EPI_ISL_493799|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spke|hCoV-19/England/MILK-9D44D3/2020|2020-09-19|EPI_ISL_601781|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/USA/MD-MDH-0036/2020|2020-04-07|EPI_ISL_481281|Original|hCoV-19^^Maryland|Human|Maryland Department of Health|Maryland Department of Health|Keller|USA
>Spke|hCoV-19/USA/NY-NYUMC839/2020|2020-04-24|EPI_ISL_456111|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
>Spke|hCoV-19/USA/HI-H200349/2020|2020-09-15|EPI_ISL_752905|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA
>Spke|hCoV-19/USA/TX-HMH-3193/2020|2020-06-13|EPI_ISL_544066|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spke|hCoV-19/England/ALDP-90C6BE/2020|2020-06-22|EPI_ISL_553336|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/England/BRIS-13030D/2020|2020-04-11|EPI_ISL_492725|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/USA/MI-MDHHS-SC21959/2020|2020-04-16|EPI_ISL_566010|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spke|hCoV-19/England/QEUH-9F341A/2020|2020-09-24|EPI_ISL_588670|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/Netherlands/NoordBrabant_47/2020|2020-03-09|EPI_ISL_415504|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spke|hCoV-19/USA/WA-S1805/2020|2020-06-02|EPI_ISL_496231|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spke|hCoV-19/Luxembourg/LNS3459765/2020|2020-11-16|EPI_ISL_740312|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spke|hCoV-19/USA/MI-MDHHS-SC22390/2020|2020-11-12|EPI_ISL_708370|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA
>Spke|hCoV-19/USA/NV-NSPHL-A0197/2020|2020-05-27|EPI_ISL_515451|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA
>Spke|hCoV-19/England/MILK-A6AE2E/2020|2020-10-09|EPI_ISL_608720|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
COVID-19 Genomics UK (COG-UK) Consortium
Golubchik|United Kingdom

Spike|hCoV-19/England/OXON-AEB21/2020|2020-00-00|EPI_ISL_448758|Original|hCoV-19
England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK)

Spike|hCoV-19/Italy/LOM-ASST-10/2020|2020-03-02|EPI_ISL_486647|Original|hCoV-19
Lombardy|Human|Microbiology|Microbiology|Comandatore|Italy

Spike|hCoV-19/Australia/VIC6008/2020|2020-07-23|EPI_ISL_518783|Original|hCoV-19
Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

Spike|hCoV-19/Japan/PG-4499/2020|2020-07-00|EPI_ISL_692722|Original|hCoV-19
Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

Spike|hCoV-19/England/CAMC-B076B1/2020|2020-10-30|EPI_ISL_649632|Original|hCoV-19
England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/England/QUEH-B7F05C/2020|2020-11-14|EPI_ISL_661885|Original|hCoV-19
England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/England/QUEH-B7E2DF/2020|2020-11-14|EPI_ISL_727852|Original|hCoV-19
England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK)

Spike|hCoV-19/USA/OR-OHSU-2017/2020|2020-07-31|EPI_ISL_667092|Original|hCoV-19
Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

Spike|hCoV-19/USA/LA-GBC1-26791722/2020|2020-04-09|EPI_ISL_485341|Original|hCoV-19
Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

Spike|hCoV-19/England/CAMB-82103/2020|2020-04-21|EPI_ISL_438620|Original|hCoV-19
England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK)

Spike|hCoV-19/England/LOND-1262DA6/2020|2020-10-15|EPI_ISL_612014|Original|hCoV-19
England|Human|University College London|COVID-19 Genomics UK (COG-UK)

Spike|hCoV-19/Wales/PHWC-4A00B3/2020|2020-12-01|EPI_ISL_743393|Original|hCoV-19
Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19/USA/CA-CZB-5833/2020|2020-07-16|EPI_ISL_582960|Original|hCoV-19
California|Human|San Luis Obispo Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

Spike|hCoV-19/Australia/NT13/2020|2020-00-00|EPI_ISL_426901|Original|hCoV-19
Northern territory|Human|Royal Darwin Hospital Pathology|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

Spike|hCoV-19/USA/CA-QDX-580/2020|2020-03-18|EPI_ISL_571291|Original|hCoV-19
Georgia|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

Spike|hCoV-19/Japan/PG-1915/2020|2020-05-00|EPI_ISL_685521|Original|hCoV-19
Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

Spike|hCoV-19/England/ALDP-AA1957/2020|2020-10-21|EPI_ISL_624182|Original|hCoV-19
England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/USA/WI-UW-2390/2020|2020-10-30|EPI_ISL_754626|Original|hCoV-19
Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

Spike|hCoV-19/USA/WA-UW-2066/2020|2020-03-25|EPI_ISL_477703|Original|hCoV-19
Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

Spike|hCoV-19/India/MH-ACTREC-653/2020|2020-09-14|EPI_ISL_700283|Original|hCoV-19
Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

Spike|hCoV-19/England/CAMB-78C96/2020|2020-04-03|EPI_ISL_441070|Original|hCoV-19
England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/South Africa/R12669-20/2020|2020-06-16|EPI_ISL_504217|Original|hCoV-19|North West|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spicke|hCoV-19/Scotland/EDBS194/2020|2020-05-18|EPI_ISL_493947|Original|hCoV-19|Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spikem|hCoV-19/Japan/PG-6711/2020|2020-07-00|EPI_ISL_687822|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spikem|hCoV-19/England/ALDP-A4PF00/2020|2020-10-07|EPI_ISL_597881|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikem|hCoV-19/Netherlands/ST-EMC-436/2020|2020-08-12|EPI_ISL_523774|Original|hCoV-19|Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spikem|hCoV-19/England/NOTT-121846/2020|2020-12-23|EPI_ISL_764510|Original|hCoV-19|England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spikem|hCoV-19/Spain/CN-IBV-9706477/2020|2020-03-24|EPI_ISL_537694|Original|hCoV-19|Canary Islands|Human|Hospital Universitario de Gran Canaria Dr. Negrín|SegCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spikem|hCoV-19/England/ALDP-CECD6/2020|2020-12-21|EPI_ISL_782352|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spikem|hCoV-19/England/NORT-29E3DF/2020|2020-04-30|EPI_ISL_493515|Original|hCoV-19|England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust / COVID-19 Genomics UK (COG-UK) consortium|Bashton|United Kingdom

>Spikem|hCoV-19/Belgium/ULG-11063/2020|2020-12-14|EPI_ISL_737314|Original|hCoV-19|Li|v008ege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spikem|hCoV-19/USA/IL_0087/2020|2020-03-07|EPI_ISL_424850|Original|hCoV-19|Illinois|Human|IL Department of Public Health Chicago Laboratory|Pathogen Discovery|Queen|USA

>Spikem|hCoV-19/Belgium/ULG-10803/2020|2020-11-17|EPI_ISL_661232|Original|hCoV-19|Li|v008ege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spikem|hCoV-19/Scotland/QEUH-941116/2020|2020-07-29|EPI_ISL_532639|Original|hCoV-19|Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikem|hCoV-19/USA/ME-HETL-J0120/2020|2020-09-01|EPI_ISL_755322|Original|hCoV-19|Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spikem|hCoV-19/Nigeria/FC-CV245/2020|2020-07-07|EPI_ISL_729930|Original|hCoV-19|Abuja|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Glunyi|Nigeria

>Spikem|hCoV-19/Poland/Krakow-01545257/2020|2020-07-24|EPI_ISL_582532|Original|hCoV-19|Krakow|Human|Veterinary Specialized Institute |Kraljevo|Veterinary Specialized Institute |Kraljevo|Vidanovic|Serbia

>Spikem|hCoV-19/Switzerland/SG-ETHZ-120040/2020|2020-04-20|EPI_ISL_468229|Original|hCoV-19|Sankt Gallen|Human|Vioiliag AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spikem|hCoV-19/England/ALDP-94ED8E/2020|2020-06-17|EPI_ISL_556412|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikem|hCoV-19/Switzerland/TT-ETHZ-38031/2020|2020-11-24|EPI_ISL_721912|Original|hCoV-19|Ticino|Human|Vioiliag AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19^Wales/PHWC-167042/2020|2020-06-21|EPI_ISL_494144|Original|hCoV-19^Wales/Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19^USA/CA-ALSR-4273/2020|2020-10-05|EPI_ISL_648929|Original|hCoV-19^California/Human|San Diego County Public Health Laboratory|Andersen lab at Scripp Research|Gangavarapu|USA

>Spike|hCoV-19^Scotland/CVR4409/2020|2020-09-19|EPI_ISL_585283|Original|hCoV-19^Scotland/Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19^USA/CA-CZB-11682/2020|2020-09-24|EPI_ISL_625493|Original|hCoV-19^California/Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19^England/CAMB-7A195/2020|2020-04-02|EPI_ISL_441338|Original|hCoV-19^England/Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19^Netherlands/un-EMC-726/2020|2020-04-14|EPI_ISL_523481|Original|hCoV-19^Netherlands/Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19^Denmark/DCCG-20691/2020|2020-12-21|EPI_ISL_759304|Original|hCoV-19^Hovedstaden/Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19^Vietnam/HCMC-05006/2020|2020-03-23|EPI_ISL_498177|unknown|hCoV-19^Ho Chi Minh City/Human|OUCRU|OUCRU|Nguyen|Vietnam

>Spike|hCoV-19^England/ALDP-A94A63/2020|2020-10-20|EPI_ISL_624772|Original|hCoV-19^England/Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19^Luxembourg/LNS2529586/2020|2020-10-25|EPI_ISL_740136|Original|hCoV-19^Luxembourg/Human|Laboratoire national de santé|Baldacchino|Luxembourg

>Spike|hCoV-19^USA/TX-DSTS-1073/2020|2020-06-16|EPI_ISL_628741|Original|hCoV-19^Texas/Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19^Japan/PG-1359/2020|2020-04-00|EPI_ISL_684967|Original|hCoV-19^Japan/Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19^Europe/EOUH-A621A5/2020|2020-10-12|EPI_ISL_706961|Original|hCoV-19^England/Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19^England/EOUH-BCC050/2020|2020-11-27|EPI_ISL_704167|Original|hCoV-19^England/Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19^England/ALDP-A67708/2020|2020-10-12|EPI_ISL_630692|Original|hCoV-19^England/Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19^England/MILK-A1933E/2020|2020-10-03|EPI_ISL_612504|Original|hCoV-19^England/Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19^USA/TX-HNW-MCoV-14367/2020|2020-10-05|EPI_ISL_787652|Original|hCoV-19^Texas/Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19^Bangladesh/G-187/2020|2020-06-15|EPI_ISL_600519|Original|hCoV-19^Chattogram/Human|Institute of Epidemiology Disease Control And Research|Institute for Developing Science and Health Initiatives|Cowley|Bangladesh

>Spike|hCoV-19^Japan/PJ-3940/2020|2020-07-09|EPI_ISL_691734|Original|hCoV-19^Japan/Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19^USA/AZ-TG366715/2020|2020-06-02|EPI_ISL_694479|Original|hCoV-19^Arizona/Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19^Oman/6990/2020|2020-03-29|EPI_ISL_491154|Original|hCoV-19^Dakhiliyyah/Human|Oman-National Influenza Center|Biotechnology & OMICs Laboratory|Al Mahruqi|Oman
Spike|hCoV-19|USA-CA-ALSR-3822/2020|2020-06-13|EPI_ISL_636226|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
Spike|hCoV-19|Scotland/QEUH-9FA862/2020|2020-09-28|EPI_ISL_600555|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/CAMC-B37D77/2020|2020-11-05|EPI_ISL_658829|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|England/C20036256/2020|2020-10-21|EPI_ISL_636723|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
Spike|hCoV-19|England/C20036256/2020|2020-10-21|EPI_ISL_636723|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
Spike|hCoV-19|England/C20036256/2020|2020-10-21|EPI_ISL_636723|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
Spike|hCoV-19|England/C20036256/2020|2020-10-21|EPI_ISL_636723|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
Spike|hCoV-19|England/C20036256/2020|2020-10-21|EPI_ISL_636723|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
Spike|hCoV-19|Netherlands/Limburg_10/2020|2020-03-20|EPI_ISL_422646|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
Spike|hCoV-19|England/CAMB-1BCDD/2020|2020-05-12|EPI_ISL_452962|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
Spike|hCoV-19|England/BRIS-122535/2020|2020-04-04|EPI_ISL_440670|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
Spike|hCoV-19|USA/TX-MMH-MCoV-10318/2020|2020-07-08|EPI_ISL_789421|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|England/ALDP-497DE5/2020|2020-06-03|EPI_ISL_559595|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Costa Rica/INC-0122/2020|2020-07-31|EPI_ISL_682261|Original|hCoV-19^^Puntarenas|Human|TAMIZAJE COMUNITARIO- PASO CANOAS|Inclensa|Soto-Garita|Costa Rica
Spike|hCoV-19|USA/CA-ALSR-4442/2020|2020-07-08|EPI_ISL_649033|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
Spike|hCoV-19|USA/MN-MDH-1573/2020|2020-08-18|EPI_ISL_530169|Original|hCoV-19^^Minnesota|Human|Hennepin County Medical Center|Minnesota Department of Health|Garfin|USA
Spike|hCoV-19|England/20161484/2020|2020-03-11|EPI_ISL_464849|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
Spike|hCoV-19|England/QEUH-A9D129/2020|2020-10-20|EPI_ISL_652655|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
Spike|hCoV-19|Northern Ireland/QEUH-96C045/2020|2020-08-15|EPI_ISL_530883|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Denmark/DCGC-20263/2020|2020-11-30|EPI_ISL_747583|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albersen Lab|Michaelsen|Denmark
Spike|hCoV-19|England/MILK-B38BF4/2020|2020-11-01|EPI_ISL_658894|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|England/MILK-828A57/2020|2020-07-16|EPI_ISL_567212|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|Germany/BY-ChVir-W1068-5746/2020|2020-03-27|EPI_ISL_754027|Original|hCoV-19^^Bavaria|Human|Charit\u00e9 Universit\u00e9 de Medizin Berlin|Charit\u00e9 Universit\u00e9 de Medizin Berlin|Muehlemann|Germany
>Spike|hCoV-19/USA/VAN4169/2020|2020-05-11|EPI_ISL_677687|Original|hCoV-19^New York|Human|Vanda Pharmaceuticals Clinical Site|Vanda Pharmaceuticals|Przychodzen|USA
>Spike|hCoV-19/Japan/PG-5296/2020|2020-08-08|EPI_ISL_690399|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/USA/TX-HMH-MCOV-9842/2020|2020-07-06|EPI_ISL_780302|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Spain/CT-IVB-005559/2020|2020-03-18|EPI_ISL_508620|Original|hCoV-19^Catalunya|Human|Departamento de Microbiologia|SeqCOVID-SPAIN consortium|IVB (CSIC)|Comas|Spain
>Spike|hCoV-19/England/CAMC-AAFEA5/2020|2020-10-21|EPI_ISL_623222|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/France/ARA-101325/2020|2020-11-04|EPI_ISL_683338|Original|hCoV-19^Auvergne-Rh\u00e8ne-Alpes|Human|CNR Virus des Infections Respiratoires – France SUD|CNR Virus des Infections Respiratoires – France SUD|Bal|France
>Spike|hCoV-19/USA/CA-CHLA-PLM04975012/2020|2020-11-17|EPI_ISL_753363|Original|hCoV-19^California|Human|Clinical virology laboratory|Center for Personalized Medicine|Dien Bard|USA
>Spike|hCoV-19/England/OXON-AF67A/2020|2020-04-14|EPI_ISL_478761|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Northern Ireland/NIRE-FC7D5/2020|2020-04-20|EPI_ISL_459342|Original|hCoV-19^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-48363C/2020|2020-10-16|EPI_ISL_627839|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Wales/PHWC-4A1C72/2020|2020-12-12|EPI_ISL_743797|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/MILK-978AEE/2020|2020-08-01|EPI_ISL_550453|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Portugal/PT1982/2020|2020-11-11|EPI_ISL_732205|Original|hCoV-19^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal
>Spike|hCoV-19/USA/MN-GMF-15330/2020|2020-08-14|EPI_ISL_547703|Original|hCoV-19^Minnesota|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA
>Spike|hCoV-19/India/UN-N5/2020|2020-08-00|EPI_ISL_497758|Original|hCoV-19^India|Human|CSIR-CDRI/SGPGI|CSIR-CDRI/SGPGI|Singh|India
>Spike|hCoV-19/Ireland/D-NVRL-781RL78609/2020|2020-11-24|EPI_ISL_752587|Original|hCoV-19^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland
>Spike|hCoV-19/England/ALDP-B74C9F/2020|2020-11-12|EPI_ISL_662263|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/CA-ALSR-0684-SAN/2020|2020-03-30|EPI_ISL_483300|Original|hCoV-19^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Ganagavarapu|USA
>Spike|hCoV-19/New Zealand/20CV0166/2020|2020-08-21|EPI_ISL_548038|Original|hCoV-19^Auckland|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
>Spike|hCoV-19/Belgium/ULG-10843/2020|2020-10-27|EPI_ISL_666878|Original|hCoV-19^Li\u00e9v\u00e9e|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
Spike|hCoV-19|USA/AZ-TG670219|2020-04-30|EPI_ISL_696403|Original|hCoV-19|Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA
>Spike|hCoV-19|Belgium/UGL-10353|2020-08-04|EPI_ISL_540520|Original|hCoV-19|Lil' u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
>Spike|hCoV-19|Scotland/CVR5985|2020-10-28|EPI_ISL_703755|Original|hCoV-19|Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19|Wales/PHWC-4955B2|2020-11-23|EPI_ISL_726367|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19|England/BRIS-126416|2020-04-10|EPI_ISL_458976|Original|hCoV-19|England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Japan/PG-1641|2020-04-00|EPI_ISL_685247|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19|USA/CA-LACPHL-AA00013|2020-08-05|EPI_ISL_710111|Original|hCoV-19|California|Human|Los Angeles County PHL|Los Angeles County PHL|Hemarajata|USA
>Spike|hCoV-19|USA/TX-HMH-6164|2020-07-02|EPI_ISL_547284|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|USA/NM-UNM-00292|2020-05-15|EPI_ISL_508047|Original|hCoV-19|New Mexico|Human|New Mexico Department of Health Scientific Laboratory Division|Center for Global Health|Dommans|USA
>Spike|hCoV-19|USA/UT-QDX-1796|2020-03-15|EPI_ISL_604126|Original|hCoV-19|Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19|England/CAMC-A662CC|2020-10-11|EPI_ISL_637518|Original|hCoV-19|England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19|DRC/11191|2020-05-23|EPI_ISL_527506|Original|hCoV-19|Democratic Republic of the Congo|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo
>Spike|hCoV-19|Wales/ALDP-AA0949|2020-10-22|EPI_ISL_625000|Original|hCoV-19|Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Denmark/DGCC-9626|2020-11-09|EPI_ISL_669073|Original|hCoV-19|Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19|Scotland/EDB1247|2020-04-09|EPI_ISL_439147|Original|hCoV-19|Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spike|hCoV-19|England/MILK-AC7988|2020-10-20|EPI_ISL_634448|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Denmark/DGCC-7720|2020-10-19|EPI_ISL_618601|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19|England/ALDP-A2E530|2020-10-05|EPI_ISL_586740|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Canada/ON-PHL-20-03705|2020-11-00|EPI_ISL_775188|Original|hCoV-19|Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada
>Spike|hCoV-19|England/ALDP-C3D790|2020-12-10|EPI_ISL_731833|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|Wales/PHWC-2B236|2020-04-08|EPI_ISL_432286|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/England/CAMB-724B2/2020|2020-03-24|EPI_ISL_439943|Original|hCoV-19/^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/USA/VA-DCLS-1444/2020|2020-08-18|EPI_ISL_572311|Original|hCoV-19/^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spike|hCoV-19/Sweden/20-50235/2020|2020-03-10|EPI_ISL_429158|Original|hCoV-19/^Varmland|Human|Klinisk mikrobiologi Orebro|The Public Health Agency of Sweden|Svartstru00e6|Sweden
>Spike|hCoV-19/Russia/SVE-RII-MH3109S/2020|2020-10-03|EPI_ISL_733088|Original|hCoV-19/^Sverdlovsk|Human|HELIIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Spike|hCoV-19/Canada/QC-LSPQ-L00242317/2020|2020-03-29|EPI_ISL_536317|Original|hCoV-19/^Quebec|Human|H\u00e0pital de sant\u00e9|^U00e9p|Moreira|Canada
>Spike|hCoV-19/England/ALDP-6B47AB/2020|2020-07-01|EPI_ISL_557774|Original|hCoV-19/^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/CVR5335/2020|2020-10-24|EPI_ISL_651766|Original|hCoV-19/^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) consortium|Robertson|United Kingdom
>Spike|hCoV-19/Singapore/436/2020|2020-04-09|EPI_ISL_475967|Original|hCoV-19/^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mat|Singapore
>Spike|hCoV-19/India/GJ-GBRC343a/2020|2020-06-18|EPI_ISL_514584|Original|hCoV-19/^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India
>Spike|hCoV-19/England/CAMB-7B9AB/2020|2020-04-05|EPI_ISL_441612|Original|hCoV-19/^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/Australia/VIC17790/2020|2020-07-27|EPI_ISL_779454|Original|hCoV-19/^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Beck|Australia
>Spike|hCoV-19/USA/CO-CDPHE-2100010210/2020|2020-11-19|EPI_ISL_771293|Original|hCoV-19/^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Puplic Health and Environment|Bankers|USA
>Spike|hCoV-19/Denmark/DCGC-22428/2020|2020-12-14|EPI_ISL_757411|Original|hCoV-19/^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelseen|Denmark
>Spike|hCoV-19/England/MILK-B024E9/2020|2020-10-23|EPI_ISL_649555|Original|hCoV-19/^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-A6EA80/2020|2020-10-15|EPI_ISL_607825|Original|hCoV-19/^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMB-7C825/2020|2020-04-05|EPI_ISL_442247|Original|hCoV-19/^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/Netherlands/Friesland_14/2020|2020-03-31|EPI_ISL_455117|Original|hCoV-19/^Friesland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/Denmark/DCGC-19677/2020|2020-12-07|EPI_ISL_748266|Original|hCoV-19/^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelseen|Denmark
Diag>SpikelhCoV Analysis|Graf|Germany
>SpikelhCoV|Scottland/CVR4866/2020|2020-10-05|EPI_ISL_651330|Original|hCoV-19
>SpikelhCoV|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>SpikelhCoV|Switzerland/BL-ETHZ-410126/2020|2020-12-17|EPI_ISL_737498|Original|hCoV-19
>Max von Pettenkofer Institute|Laboratory for Functional Genomes
>SpikelhCoV|Emirates City|Molecular/Surveillance lab
>SpikelhCoV|19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>SpikelhCoV|Japan|Pathogen Genomics Center|Sekizuka|Japan
>SpikelhCoV|Hovedstaden|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelisen|Denmark
>SpikelhCoV|Emirates City|Molecular/Surveillance lab
>SpikelhCoV|19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>SpikelhCoV|England/MILK-BAC180/2020|2020-11-18|EPI_ISL_783167|Original|hCoV-19
>SpikelhCoV|England|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>SpikelhCoV|England/ALDP-B75D13/2020|2020-11-12|EPI_ISL_723698|Original|hCoV-19
>SpikelhCoV|England|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>SpikelhCoV|USA/TX-HMH-16286/2020|2020-10-26|EPI_ISL_785970|Original|hCoV-19
>SpikelhCoV|Texas|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>SpikelhCoV|USA/TX-HMH-13884/2020|2020-08-17|EPI_ISL_787176|Original|hCoV-19
>SpikelhCoV|Texas|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>SpikelhCoV|South Africa/UFS-VIRO-NGS-8/2020|2020-10-18|EPI_ISL_682351|Original|hCoV-19
>SpikelhCoV|Free State|NHLS Universitas Academic|UFS Viromics|Bester|South Africa
>SpikelhCoV|Denmark/DGCC-5671/2020|2020-09-28|EPI_ISL_619958|Original|hCoV-19
>SpikelhCoV|Hovedstaden|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelisen|Denmark
>SpikelhCoV|Japan/PG-8744/2020|2020-09-00|EPI_ISL_686340|Original|hCoV-19
>SpikelhCoV|Japan|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>SpikelhCoV|DRC/7471/2020|2020-05-14|EPI_ISL_513596|Original|hCoV-19
>SpikelhCoV|Kinshasa|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo
>SpikelhCoV|England/QEUH-AE4985/2020|2020-10-27|EPI_ISL_633306|Original|hCoV-19
>SpikelhCoV|England|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpikelhCoV|United Arab Emirates/skmcs|2020-04-29|EPI_ISL_582640|Original|hCoV-19
>SpikelhCoV|United Arab Emirates|Sheikh Khalifa Medical City|Molecular/Surveillance lab|nSheikh Khalifa Medical City|Amirtharaj|United Arab Emirates
>SpikelhCoV|Germany/BY-MVP-0073/2020|2020-03-28|EPI_ISL_437269|Original|hCoV-19
>SpikelhCoV|Bavaria|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany
>SpikelhCoV|Denmark/DCGC-5531/2020|2020-09-28|EPI_ISL_620856|Original|hCoV-19
>SpikelhCoV|Hovedstaden|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelisen|Denmark
>Spike|hCoV-19/USA/TX-HMH0182/2020|2020-03-23|EPI_ISL_434860|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/WA-UW-5181/2020|2020-04-02|EPI_ISL_430871|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/Italy/APU-PODV-15940334/2020|2020-08-25|EPI_ISL_788957|Original|hCoV-19^^Apulia|Human|Ospedale Di Venere\BeaconLab (Bioinformatics)|Chiara|Italy
>Spike|hCoV-19/England/ALDP-A6CF29/2020|2020-10-14|EPI_ISL_608157|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-9C253F/2020|2020-09-07|EPI_ISL_566658|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CMAC-B2ZCCD/2020|2020-11-02|EPI_ISL_647394|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Brazil/SE-6567/2020|2020-04-24|EPI_ISL_541386|Original|hCoV-19^^Sergipe|Human|LACEN/SE|Laboratory of Respiratory Viruses and Measles|Silva|Brazil
>Spike|hCoV-19/Netherlands/GE-RIVM-20527/2020|2020-12-04|EPI_ISL_728742|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spike|hCoV-19/South Korea/KDCA0441/2020|2020-10-04|EPI_ISL_760225|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea
>Spike|hCoV-19/Denmark/DGCC-9543/2020|2020-11-09|EPI_ISL_669031|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Australia/VIC14439/2020|2020-08-19|EPI_ISL_592502|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/NORT-295A3D/2020|2020-04-03|EPI_ISL_488457|Original|hCoV-19^^England|Human|NU-OMICs DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Belgium/ULG-10474/2020|2020-09-22|EPI_ISL_581643|Original|hCoV-19^^Liège|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
>Spike|hCoV-19/England/CAMC-94275F/2020|2020-07-22|EPI_ISL_556903|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DGCC-20548/2020|2020-12-21|EPI_ISL_758859|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/CAMC-B323C5/2020|2020-11-05|EPI_ISL_659385|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike|hCoV-19/England/PORT-2D31A7/2020|2020-04-09|EPI_ISL_628312|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike|hCoV-19/USA/VA-DCLS-1213/2020|2020-06-23|EPI_ISL_572282|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spike|hCoV-19/USA/CA-CDC-4710/2020|2020-06-04|EPI_ISL_535686|Original|hCoV-19^^California|Human|CDPH|Pathogen Discovery|Queen|USA
>Spike|hCoV-19/England/QEUH-9BC0D5/2020|2020-09-03|EPI_ISL_559860|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
Spike|hCoV-19/Australia/NSW1066/2020|2020-08-02|EPI_ISL_593674|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology - NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
Spike|hCoV-19/England/ALDP-BCA24D/2020|2020-11-23|EPI_ISL_703780|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/England/FORT-2D5D0B/2020|2020-12-19|EPI_ISL_765142|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
Spike|hCoV-19/Scotland/GCVR-17242A/2020|2020-03-30|EPI_ISL_469974|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Spain/MD-H12-24/2020|2020-03-22|EPI_ISL_428687|Original|hCoV-19^^Spain|Human|Hospital Universitario 12 de Octubre|Hospital Universitario 12 de Octubre|Viedma|Spain
Spike|hCoV-19/England/ALDP-A92EC3/2020|2020-10-20|EPI_ISL_610944|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/VA-DCLS-0863/2020|2020-04-30|EPI_ISL_516659|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
Spike|hCoV-19/USA/CA-LACPHL-AP00075/2020|2020-12-21|EPI_ISL_766012|Original|hCoV-19^^California|Human|Los Angeles County PHL|Los Angeles County PHL|Hemarajata|USA
Spike|hCoV-19/Japan/NF/08/2020|2020-03-00|EPI_ISL_591478|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
Spike|hCoV-19/Australia/VIC601/2020|2020-03-26|EPI_ISL_426857|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
Spike|hCoV-19/England/MILK-B3D597/2020|2020-11-01|EPI_ISL_706228|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
Spike|hCoV-19/Wales/PHWC-48F955/2020|2020-11-10|EPI_ISL_681163|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/England/ALDP-A669A9/2020|2020-10-12|EPI_ISL_630431|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/ALDP-A2F20B/2020|2020-10-05|EPI_ISL_587171|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/2020024904/2020|2020-05-05|EPI_ISL_465648|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
Spike|hCoV-19/Wales/PHWC-482F6F/2020|2020-10-23|EPI_ISL_627761|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/USA/WI-UW-2058/2020|2020-10-15|EPI_ISL_677463|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
Spike|hCoV-19/Tunisia/COV1339/2020|2020-03-30|EPI_ISL_463003|Original|hCoV-19^^Tunisia|Human|unknown|Clinical virology|Submitter|Tunisia
Spike|hCoV-19/England/MILK-9E1822/2020|2020-09-20|EPI_ISL_577089|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
Spike|hCoV-19/USA/WA-S553/2020|2020-03-31|EPI_ISL_434313|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
>Spike|hCoV-19/Germany/HH-hpi-p2443/2020|2020-04-19|EPI_ISL_776508|Original|hCoV-19^|Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany
>Spik|hCoV-19/Gambia/GC19-1983/2020|2020-06-07|EPI_ISL_561038|Original|hCoV-19^|Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia
>Spik|hCoV-19/USA/CA-ALSR-1229/2020|2020-05-05|EPI_ISL_494451|Original|hCoV-19^|California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spik|hCoV-19/USA/NY-NYCPHL-001408/2020|2020-11-18|EPI_ISL_683784|Original|hCoV-19^|New York|Human|DOHMH Riverside|New York City Public Health Laboratory|New York City Public Health Laboratory
>Spik|hCoV-19/Wales/PHWC-29B79/2020|2020-04-04|EPI_ISL_432253|Original|hCoV-19^|Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spik|hCoV-19/England/MILK-9A9880/2020|2020-08-28|EPI_ISL_550905|Original|hCoV-19^|England|Human/Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Japan/PG-7724/2020|2020-08-00|EPI_ISL_686826|Original|hCoV-19^|Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spik|hCoV-19/USA/FL-BPRL-1478/2020|2020-06-26|EPI_ISL_549260|Original|hCoV-19^|Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spik|hCoV-19/Netherlands/DR-EMC-13/2020|2020-08-14|EPI_ISL_574781|Original|hCoV-19^|Netherlands|Human/Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spik|hCoV-19/England/QEUH-AF280F/2020|2020-10-30|EPI_ISL_662662|Original|hCoV-19^|England|Human/Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/Canada/BC_03405412/2020|2020-04-00|EPI_ISL_466739|Original|hCoV-19^|British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada
>Spik|hCoV-19/England/LIVE-A4E04/2020|2020-03-05|EPI_ISL_500091|Original|hCoV-19^|England|Human/Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spik|hCoV-19/Netherlands/NB-EMC-444/2020|2020-11-24|EPI_ISL_722687|Original|hCoV-19^|Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spik|hCoV-19/USA/WI-UW-2106/2020|2020-09-29|EPI_ISL_677511|Original|hCoV-19^|Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spik|hCoV-19/England/CAMB-77C3D/2020|2020-03-31|EPI_ISL_440851|Original|hCoV-19^|England|Human/Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spik|hCoV-19/England/ALDP-722A6D/2020|2020-07-01|EPI_ISL_557684|Original|hCoV-19^|England|Human/Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Denmark/DGCC-21968/2020|2020-12-21|EPI_ISL_758482|Original|hCoV-19^|Denmark|Human/Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spik|hCoV-19/Romania/ROSV_10626/2020|2020-05-26|EPI_ISL_491036|Original|hCoV-19^|Suceava|Human|Suceava County Emergency Hospital|\S\ Stefan cel Mare\ University Metagenomics Lab|Lobiuc|Romania
>Spik|hCoV-19/England/NORT-1B723D5/2020|2020-11-27|EPI_ISL_724875|Original|hCoV-19^|England|Human/Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

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>Spike|hCoV-19/Switzerland/BL-ETHZ-260058/2020|2020-08-23|EPI_ISL_539384|Original|hCoV-19^England-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>
>Spike|hCoV-19/England/OXON-B3B29/2020|2020-04-05|EPI_ISL_534901|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>
>Spike|hCoV-19/Wales/PHWC-28BB6/2020|2020-04-03|EPI_ISL_445413|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Laboratory|Smith|Moore|United Kingdom
>
>Spike|hCoV-19/England/LIVE-9FFDC/2020|2020-06-01|EPI_ISL_472081|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>
>Spike|hCoV-19/England/CAMB-75473/2020|2020-03-12|EPI_ISL_425391|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>
>Spike|hCoV-19/Bangladesh/DNAS DRICM_isl_SIBL_12/2020|2020-06-28|EPI_ISL_774979|Original|hCoV-19^Bangladesh|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh
>
>Spike|hCoV-19/Scotland/CVR3165/2020|2020-04-22|EPI_ISL_449198|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>
>Spike|hCoV-19/USA/TX-HMH-MCoV-12190/2020|2020-09-21|EPI_ISL_790238|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>
>Spike|hCoV-19/Ireland/CE-NVRL-AIIDV1105v4/2020|2020-04-26|EPI_ISL_644272|Original|hCoV-19^Ireland|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
>
>Spike|hCoV-19/Scotland/CVR3165/2020|2020-04-22|EPI_ISL_449198|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>
>Spike|hCoV-19/USA/TX-HMH-MCoV-14597/2020|2020-10-09|EPI_ISL_787882|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>
>Spike|hCoV-19/USA/WI-UW-1509/2020|2020-09-14|EPI_ISL_541635|Original|hCoV-19^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>
>Spike|hCoV-19/Italy/PIE-SLL-N2142/2020|2020-04-01|EPI_ISL_569882|Original|hCoV-19^Italy|Human|Amedeo di savoia|Crossetto lab|Harbers|Italy
>
>Spike|hCoV-19/Japan/PG-7362/2020|2020-08-00|EPI_ISL_688464|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>
>Spike|hCoV-19/Australia/VIC11931/2020|2020-08-11|EPI_ISL_591704|Original|hCoV-19^Australia|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>
>Spike|hCoV-19/USA/VA-DCLS-1795/2020|2020-09-16|EPI_ISL_644878|Original|hCoV-19^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>
>Spike|hCoV-19/England/CAMC-B0ADD7/2020|2020-10-30|EPI_ISL_643333|Original|hCoV-19^England|Human|Lighthouse lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>
>Spike|hCoV-19/Wales/PHWC-495EA8/2020|2020-11-26|EPI_ISL_726498|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>
>Spike|hCoV-19/France/ARA-111501/2020|2020-11-24|EPI_ISL_728547|Original|hCoV-19^Auvergne-Rh\00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires – France Sud|CNR Virus des Infections Respiratoires – France Sud|Bal|France
>
>Spike|hCoV-19/USA/LA-GBC1-26492461/2020|2020-04-28|EPI_ISL_485038|Original|hCoV-19^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA
>
>Spike|hCoV-19/Ireland/D-NVRL-AIIDV1263v1/2020|2020-10-23|EPI_ISL_778819|Original|hCoV-19^Dublin|Human|AID|Irish Coronavirus Sequencing Consortium-Teagasc Grange|McCabe|Ireland
>
>Spike|hCoV-19/Belgium/ULG-11080/2020|2020-12-15|EPI_ISL_737330|Original|hCoV-19^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
>Spike|hCoV-19|England|MILK-9581EF|2020|2020-06-14|EPI_ISL_554687|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19/USA/MA-MGH-00276/2020|2020-04-01|EPI_ISL_460172|Original|hCoV-19
>Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spikes|hCoV-19/Scotland/CVR2228/2020|2020-04-13|EPI_ISL_433273|Original|hCoV-19
>Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spikes|hCoV-19/England/MILK-A7A27A/2020|2020-10-15|EPI_ISL_606735|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19/England/QEUVH-9E491D/2020|2020-09-22|EPI_ISL_579792|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19/England/ALDP-A6DBF7/2020|2020-10-14|EPI_ISL_607886|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19/England/ALDP-B76538/2020|2020-11-12|EPI_ISL_723768|Original|hCoV-19
>England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spikes|hCoV-19/USA/TX-HMH-MCoV-13054/2020|2020-08-27|EPI_ISL_788205|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spikes|hCoV-19/England/204742213/2020|2020-08-00|EPI_ISL_649919|Original|hCoV-19
>England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spikes|hCoV-19/England/SHEF-C4BF1/2020|2020-09-13|EPI_ISL_559907|Original|hCoV-19
>England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spikes|hCoV-19/England/ALDP-A87878/2020|2020-10-17|EPI_ISL_606230|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19/Japan/PG-5918/2020|2020-08-00|EPI_ISL_689033|Original|hCoV-19
>Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spikes|hCoV-19/England/MILK-BB0E28/2020|2020-11-18|EPI_ISL_720423|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19/USA/MI-MDHHS-SC20457/2020|2020-05-07|EPI_ISL_459996|Original|hCoV-19
>Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spikes|hCoV-19/USA/FL-BPHL-1984/2020|2020-04-17|EPI_ISL_653137|Original|hCoV-19
>Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spikes|hCoV-19/England/MILK-994985/2020|2020-08-24|EPI_ISL_552384|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19/Canada/NS-NML-1285/2020|2020-04-07|EPI_ISL_579669|Original|hCoV-19
>Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Major|Canada

>Spikes|hCoV-19/USA/VA-DCLS-0183/2020|2020-03-31|EPI_ISL_437399|Original|hCoV-19
>Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spikes|hCoV-19/USA/TX-HMH-1520/2020|2020-04-23|EPI_ISL_542770|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spikes|hCoV-19/Denmark/DGCC-14917/2020|2020-11-23|EPI_ISL_713518|Original|hCoV-19
>Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelson|Denmark

>Spikes|hCoV-19/Belgium/rega-0419530/2020|2020-04-19|EPI_ISL_734623|Original|hCoV-19
>Templeuve|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Spike|hCoV-19|Denmark|DCGC-8401/2020|2020-10-26|EPI_ISL_617342|Original|hCoV-19

>^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michael |Denmark

>^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Aw |United Kingdom

>Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spain|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Consortium|Goodfellow|United Kingdom

>England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik |United Kingdom

>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Japan|Human|Pukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka |Japan

>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Research (ESR)|Wang|New Zealand

> Spike|hCoV-19|Wales|PHHC-47E5FB/2020|2020-10-10|EPI_ISL_595477|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/USA/CA-CZB077/2020|2020-03-28|EPI_ISL_428996|Original|hCoV-19^^California|Human|UCS|Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kam|USA

> Spike|hCoV-19/Wales/PHHC-48AE88/2020|2020-10-31|EPI_ISL_666166|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/England/MILK-B05EE8/2020|2020-10-24|EPI_ISL_642907|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/England/QEUH-9C96EA/2020|2020-09-10|EPI_ISL_567530|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/England/NOTT-1120CE/2020|2020-04-20|EPI_ISL_478728|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK)|Consortium|Loose|United Kingdom

> Spike|hCoV-19/England/QEUH-9994CB/2020|2020-08-24|EPI_ISL_559764|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

> Spike|hCoV-19/Wales/PHHC-49BF09/2020|2020-12-06|EPI_ISL_742482|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/Greece/24432204/2020|2020-03-10|EPI_ISL_437904|Original|hCoV-19^^Athens|Human|Laboratory of Microbiology|Laboratory of Biology|Karakasiliotis|Greece

> Spike|hCoV-19/USA/MI-QDX-295/2020|2020-03-20|EPI_ISL_571039|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

> Spike|hCoV-19/Japan/PG-3921/2020|2020-07-09|EPI_ISL_692172|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikuzaka|Japan

> Spike|hCoV-19/USA/FL-BPHL-0450/2020|2020-03-23|EPI_ISL_495356|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

> Spike|hCoV-19/USA/CA-CZB-6811/2020|2020-07-14|EPI_ISL_582886|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

> Spike|hCoV-19/Netherlands/NB-EMC-424/2020|2020-11-11|EPI_ISL_722616|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

> Spike|hCoV-19/USA/CA-ALSR-4181/2020|2020-06-20|EPI_ISL_648867|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavaranapu|USA

> Spike|hCoV-19/England/OXON-AF935/2020|2020-04-15|EPI_ISL_478786|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK)|Consortium|Golubchik|United Kingdom

> Spike|hCoV-19/Scotland/QUEUH-9CF392/2020|2020-09-17|EPI_ISL_602003|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/New Zealand/20CV0213/2020|2020-08-31|EPI_ISL_548062|Original|hCoV-19^^Auckland|Human|North Shore Hospital|Institute of Environmental Science and Research|ESR|Wang|New Zealand
>Spike|hCoV-19/Wales/PHWC-48E604/2020|2020-11-12|EPI_ISL_680885|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/WI-UW-1083/2020|2020-07-24|EPI_ISL_516509|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/England/MILK-97528F/2020|2020-08-21|EPI_ISL_552558|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-AA1ACD/2020|2020-10-22|EPI_ISL_624384|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/France/PAC-IHU-1365/2020|2020-08-20|EPI_ISL_569144|Original|hCoV-19^^Provence-Alpes-C\u00f9te-d\u0092Azur/Human|MEPHI|MEPHI|Levasseur|France
>Spike|hCoV-19/USA/AZ-TG663863/2020|2020-05-13|EPI_ISL_696283|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA
>Spike|hCoV-19/England/CAMC-BD444A/2020|2020-11-27|EPI_ISL_702289|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-A2D09A/2020|2020-10-06|EPI_ISL_586798|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Austria/CeMM0360/2020|2020-04-05|EPI_ISL_438123|Vero P3|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria
>Spike|hCoV-19/Luxembourg/LNS6035285/2020|2020-12-01|EPI_ISL_770944|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9e|Laboratoire national de sant\u00e9e|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/Scotland/CVRS051/2020|2020-10-09|EPI_ISL_594785|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/England/ALDP-9C3FE5/2020|2020-09-09|EPI_ISL_566970|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Northern Ireland/QEIH-5FF88F/2020|2020-06-27|EPI_ISL_533266|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-AC5D9D/2020|2020-10-14|EPI_ISL_631265|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/France/PAC-IHU-1590/2020|2020-09-08|EPI ISL_569219|Original|hCoV-19^^Provence-Alpes-C\u00f9te-d\u0092Azur/Human|MEPHI|MEPHI|Levasseur|France
>Spike|hCoV-19/Sweden/20-13142/2020|2020-12-23|EPI_ISL_789026|Original|hCoV-19^^Stockholm|Human|ABC|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden
>Spike|hCoV-19/Germany/BE-ChVir-W1081-8197/2020|2020-04-06|EPI ISL_753933|Original|hCoV-19^^Berlin|Human|Charit\u00e9|Universit\u00e9 \u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e9 \u00e4tsmedizin Berlin|Muehleman|Germany
>Spike|hCoV-19/Australia/VIC3472/2020|2020-07-05|EPI_ISL_52113|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spioke|hCoV-19/England/ALDP-B5539/2020|2020-11-08|EPI_ISL_655306|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spioke|hCoV-19/England/ALDP-BC6645/2020|2020-11-22|EPI_ISL_721256|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spioke|hCoV-19/USA/WI-UW-2362/2020|2020-10-04|EPI_ISL_728128|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spioke|hCoV-19/USA/MD-HF12149/2020|2020-12-20|EPI_ISL_791458|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morr|USA
>Spioke|hCoV-19/USA/TX-HHH-MCoV-14169/2020|2020-10-02|EPI_ISL_787454|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Platt|United Kingdom
>Spioke|hCoV-19/Ireland/LH-NVRL-20ILR08013/2020|2020-11-10|EPI_ISL_732412|Original|hCoV-19^^Louth|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland
>Spioke|hCoV-19/Australia/VIC5087/2020|2020-07-17|EPI_ISL_519890|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spioke|hCoV-19/Canada/MB-NML-642/2020|2020-03-20|EPI_ISL_582299|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada
>Spioke|hCoV-19/Singapore/1390/2020|2020-11-04|EPI_ISL_645117|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
>Spioke|hCoV-19/England/CAMC-A58658/2020|2020-10-09|EPI_ISL_597025|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spioke|hCoV-19/England/ALDP-A67B0C/2020|2020-10-12|EPI_ISL_630627|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spioke|hCoV-19/Denmark/DGCC-7934/2020|2020-10-26|EPI_ISL_618890|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spioke|hCoV-19/South Africa/KRISP-K002622/2020|2020-07-31|EPI_ISL_535485|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
>Spioke|hCoV-19/South Korea/KCDC2157/2020|2020-02-29|EPI_ISL_506951|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea
>Spioke|hCoV-19/Denmark/DGCC-15793/2020|2020-11-23|EPI_ISL_714023|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spioke|hCoV-19/USA/CA-CZB-13824/2020|2020-08-17|EPI_ISL_739136|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA
>Spioke|hCoV-19/Jordan/AM-ALSLR-4975/2020|2020-10-08|EPI_ISL_730248|Original|hCoV-19^^Amman|Human|Biobase Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan
>Spike|hCoV-19/England/CAMC-A64C93/2020|2020-10-11|EPI_ISL_609037|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spicke|hCoV-19/Spain/AN-IBV-002028/2020|2020-03-17|EPI_ISL_452391|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiologia\u00eda. HRU de Munich|Servicio Andaluz de Salud|SeqCOVID-Spain consortium/IBV (CSIC)|Comas|Spain

>Spiee|hCoV-19/England/CAMC-A65E50/2020|2020-10-11|EPI_ISL_637766|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spiek|hCoV-19/England/LIVE-1D6EAEE/2020|2020-09-19|EPI_ISL_572584|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spiee|hCoV-19/India/TG-CCMB-AA335/2020|2020-08-11|EPI_ISL_539756|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spiee|hCoV-19/USA/TX-HMH-MCoV-15518/2020|2020-10-24|EPI_ISL_787002|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spiee|hCoV-19/USA/UT-UPHL-2009326/2020|2020-05-16|EPI_ISL_524927|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spiee|hCoV-19/England/QEUH-A21DEA/2020|2020-10-01|EPI_ISL_587582|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spiee|hCoV-19/USA/FL-BPHL-0577/2020|2020-03-21|EPI_ISL_508781|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spiee|hCoV-19/England/QEUH-A33820/2020|2020-10-05|EPI_ISL_626924|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spiee|hCoV-19/USA/UT-0492/2020|2020-04-02|EPI_ISL_430047|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spiee|hCoV-19/Wales/PHWC-16392D/2020|2020-05-06|EPI_ISL_474016|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spiee|hCoV-19/USA/WA-S856/2020|2020-04-24|EPI_ISL_463346|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spiee|hCoV-19/Scotland/GCVR-171B08/2020|2020-03-27|EPI_ISL_489537|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spiee|hCoV-19/South Africa/L00180/2020|2020-07-27|EPI_ISL_622988|Original|hCoV-19^^Gauteng|Human|Lancet Laboratories|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spiee|hCoV-19/Scotland/QEUH-9CF81B/2020|2020-09-17|EPI_ISL_601942|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spiee|hCoV-19/Iran/K1r-136/2020|2020-04-27|EPI_ISL_568506|Original|hCoV-19^^Iran|Human|Virology|Virology|Ranjbar|Iran

>Spiee|hCoV-19/Switzerland/VS-ETHZ-180011/2020|2020-06-30|EPI_ISL_489965|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spiee|hCoV-19/England/QEUH-B2D749/2020|2020-11-03|EPI_ISL_647115|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spiee|hCoV-19/Australia/VIC3851/2020|2020-07-12|EPI_ISL_520564|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spiee|hCoV-19/England/CAMB-1AE2C1/2020|2020-04-28|EPI_ISL_524575|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/LEED-2A9AFA/2020|2020-04-12|EPI_ISL_538867|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health
England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-278092-01/2020|2020-11-22|EPI_ISL_754604|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spoke|hCoV-19/Denmark/DGCC-21730/2020|2020-12-21|EPI_ISL_758332|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spoke|hCoV-19/Luxembourg/LNS0293199/2020|2020-10-28|EPI_ISL_739751|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de santé|Laboratoire national de santé|Wienecke-Baldacchino|Luxembourg

>Spoke|hCoV-19/USA/NY-Wadsworth-17549-01/2020|2020-03-16|EPI_ISL_525616|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA

>Spoke|hCoV-19/England/CAMC-B21B2B/2020|2020-11-01|EPI_ISL_647197|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spoke|hCoV-19/USA/FL-FLPHL-0933/2020|2020-07-15|EPI_ISL_517823|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spoke|hCoV-19/England/CAMC-B7A33A/2020|2020-11-12|EPI_ISL_741100|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spoke|hCoV-19/Northern Ireland/NIRE-107484/2020|2020-03-30|EPI_ISL_585154|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spoke|hCoV-19/England/ALDP-AA10DA/2020|2020-10-22|EPI_ISL_624418|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19/England/CAMC-A657DD/2020|2020-10-11|EPI_ISL_637759|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spoke|hCoV-19/England/CAMC-BOB41D/2020|2020-10-30|EPI_ISL_643483|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spoke|hCoV-19/USA/TX-DSHS-0505/2020|2020-06-21|EPI_ISL_560949|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spoke|hCoV-19/England/MILK-B3C7B0/2020|2020-11-02|EPI_ISL_705454|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spoke|hCoV-19/USA/VA-DCLS-2437/2020|2020-11-17|EPI_ISL_734186|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spoke|hCoV-19/England/MILK-B386D5/2020|2020-11-02|EPI_ISL_662645|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spoke|hCoV-19/England/GSTT-265DC22/2020|2020-03-21|EPI_ISL_484082|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spoke|hCoV-19/South Korea/KCDC2570/2020|2020-06-25|EPI_ISL_514973|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spoke|hCoV-19/Portugal/PT0703/2020|2020-03-17|EPI_ISL_510962|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal
>Spike|hCoV-19/South Korea/KDCA0183/2020|2020-07-04|EPI_ISL_747416|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea
>Spik|hCoV-19/Netherlands/UT-RIVM-20177/2020|2020-11-30|EPI_ISL_723338|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meier|Netherlands
>Spik|hCoV-19/Norway/2870/2020|2020-07-09|EPI_ISL_500789|Original|hCoV-19^^Norway|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Kopperud Riis|Norway
>Spik|hCoV-19/Australia/VIC11023/2020|2020-08-03|EPI_ISL_563206|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spik|hCoV-19/USA/TX-HMMH0410/2020|2020-03-30|EPI_ISL_434996|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19/USA/AZ-TG273304/2020|2020-04-01|EPI_ISL_426564|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|Lemmer|USA
>Spik|hCoV-19/England/CAMC-C43AAD/2020|2020-12-10|EPI_ISL_719086|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/England/OXON-F40041/2020|2020-12-15|EPI_ISL_764527|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spik|hCoV-19/Canada/QC-LSPQ-L00225956/2020|2020-03-18|EPI_ISL_535840|Original|hCoV-19^^Quebec|Human|Huv00fagpital Pierre-Boucher|Laboratoire de sant\u00e9 publique duQu\u00e9bec|Moreira|Canada
>Spik|hCoV-19/England/ALDP-9B65A7/2020|2020-08-28|EPI_ISL_573017|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spik|hCoV-19/England/MILK-BAC821/2020|2020-11-18|EPI_ISL_720393|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/Scotland/QEUH-A4B5B5/2020|2020-10-08|EPI_ISL_637843|Original|hCoV-19^^Scotland|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spik|hCoV-19/South Africa/KRISP-K004066/2020|2020-10-20|EPI_ISL_635045|Original|hCoV-19^^KwaZulu-Natal|Human|National Health Laboratory Service - Inkosi Albert Luthuli Central Hospital (NHLS-IALCH)|KRISP|de Oliveira|South Africa
>Spik|hCoV-19/England/MILK-ACDC89/2020|2020-10-22|EPI_ISL_630308|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Portugal/PT0718/2020|2020-03-25|EPI_ISL_510977|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INS)|Instituto Nacional de Saude (INS)|Borges|Portugal
>Spik|hCoV-19/England/MILK-A91C7F/2020|2020-10-18|EPI_ISL_704812|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spik|hCoV-19/England/GSTT-5156/2020|2020-03-18|EPI_ISL_560653|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Awan|United Kingdom
>Spik|hCoV-19/Wales/PHWC-33FBC/2020|2020-04-21|EPI_ISL_446851|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spik|hCoV-19/England/CAMB-76E74/2020|2020-03-31|EPI_ISL_425434|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spik|hCoV-19/USA/WA-UW-10106/2020|2020-05-29|EPI_ISL_461465|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/England/BRIS-130F27/2020|2020-03-24|EPI_ISL_501586|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spine|hCoV-19/USA/WY-WPHL-20148634/2020|2020-11-23|EPI_ISL_770091|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA
>Spine|hCoV-19/Australia/VIC2132/2020|2020-06-19|EPI_ISL_480730|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Australia
>Spine|hCoV-19/Spain/MD-HLP-51/2020|2020-04-20|EPI_ISL_530054|Original|hCoV-19^^Madrid|Human|Hospital Universitario La Paz|Hospital Universitario La Paz|Viedma|Spain
>Spine|hCoV-19/Belgium/ULG-9739/2020|2020-03-22|EPI_ISL_418663|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
>Spine|hCoV-19/United Arab Emirates/0411/2020|2020-05-15|EPI_ISL_698586|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
>Spine|hCoV-19/USA/CA-CZB0741/2020|2020-04-03|EPI_ISL_429051|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA
>Spine|hCoV-19/Scotland/QEUH-9B8657/2020|2020-09-10|EPI_ISL_568227|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spine|hCoV-19/Wales/PHWC-326B8/2020|2020-04-14|EPI_ISL_474340|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spine|hCoV-19/Switzerland/GE-ETHZ-120219/2020|2020-04-29|EPI_ISL_468282|Original|hCoV-19^^Geneve|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spine|hCoV-19/Belgium/ULG-10764/2020|2020-09-19|EPI_ISL_641606|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
>Spine|hCoV-19/England/ALDP-B62A9A/2020|2020-11-09|EPI_ISL_656556|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spine|hCoV-19/Finland/29M18S2/2020|2020-03-29|EPI_ISL_481643|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland
>Spine|hCoV-19/Germany/HH-hpi-p2056/2020|2020-03-21|EPI_ISL_776343|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany
>Spine|hCoV-19/England/BRIS-12B271/2020|2020-05-18|EPI_ISL_469834|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spine|hCoV-19/Germany/HH-hpi-p1650/2020|2020-03-17|EPI_ISL_775819|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany
>Spine|hCoV-19/Wales/PHWC-4A002C/2020|2020-11-30|EPI_ISL_743385|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spine|hCoV-19/England/LIVE-9CA29/2020|2020-04-24|EPI_ISL_440930|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spine|hCoV-19/England/CAMC-A58148/2020|2020-10-09|EPI_ISL_597220|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spine|hCoV-19/Scotland/EDB9107/2020|2020-10-25|EPI_ISL_652042|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
<Spike|hCoV-19/Belgium/ULG-10533/2020|2020-10-23|EPI_ISL_626325|Original|hCoV-19|\^Li\^00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

<Spike|hCoV-19/USA/FI-BPIL-0678/2020|2020-03-17|EPI_ISL_509736|Original|hCoV-19|\^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

<Spike|hCoV-19/England/MILK-B04FD7/2020|2020-10-24|EPI_ISL_637862|Original|hCoV-19|\^England|Human|Virology Department|COVID-19 Genomics UK | (COG-UK) Consortium|de Silva|United Kingdom

<Spike|hCoV-19/England/QEUH-9F7285/2020|2020-09-27|EPI_ISL_595674|Original|hCoV-19|\^England|Human|Oxford Viromics|COVID-19 Genomics UK | (COG-UK) Consortium|Golubchik|United Kingdom

<Spike|hCoV-19/England/OXON-B0676/2020|2020-04-20|EPI_ISL_478897|Original|hCoV-19|\^England|Human|Oxford Viromics|COVID-19 Genomics UK | (COG-UK) Consortium|Golubchik|United Kingdom

<Spike|hCoV-19/England/QEUH-A8A866/2020|2020-10-16|EPI_ISL_638852|Original|hCoV-19|\^England|Human|Oxford Viromics|COVID-19 Genomics UK | (COG-UK) Consortium|Golubchik|United Kingdom

<Spike|hCoV-19/USA/OR-OHSU-1971/2020|2020-07-30|EPI_ISL_526079|Original|hCoV-19|\^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O\'Roak|USA

<Spike|hCoV-19/Gibraltar/204841717/2020|2020-00-00|EPI_ISL_671286|Original|hCoV-19|\^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Flatt|Gibraltar

<Spike|hCoV-19/England/CAMC-B7893A/2020|2020-11-12|EPI_ISL_668009|Original|hCoV-19|\^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK | (COG-UK) Consortium|Davies|United Kingdom

<Spike|hCoV-19/USA/MI-MDHHS-SC20277/2020|2020-04-18|EPI_ISL_447075|Original|hCoV-19|\^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

<Spike|hCoV-19/USA/WI-UW-2641/2021|2021-01-01|EPI_ISL_791156|Original|hCoV-19|\^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

<Spike|hCoV-19/USA/OR-OHSU-0245/2020|2020-04-06|EPI_ISL_509080|Original|hCoV-19|\^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O\'Roak|USA

<Spike|hCoV-19/USA/UT-08511/2020|2020-05-18|EPI_ISL_524275|Original|hCoV-19|\^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

<Spike|hCoV-19/Canada/MB-NML-1150/2020|2020-07-19|EPI_ISL_582477|Original|hCoV-19|\^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Major|Canada

<Spike|hCoV-19/Switzerland/GR-ETHZ-210075/2020|2020-07-22|EPI_ISL_510805|Original|hCoV-19|\^Graubunden|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

<Spike|hCoV-19/USA/UT-08712/2020|2020-05-18|EPI_ISL_524770|Original|hCoV-19|\^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

<Spike|hCoV-19/England/SHEF-CB70C/2020|2020-11-22|EPI_ISL_680171|Original|hCoV-19|\^England|Human|Virology Department|COVID-19 Genomics UK | (COG-UK) Consortium|de Silva|United Kingdom

<Spike|hCoV-19/England/ALDP-94CF7B/2020|2020-06-14|EPI_ISL_556052|Original|hCoV-19|\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK | (COG-UK) consortium|Davies|United Kingdom

<Spike|hCoV-19/Chile/AR-ISPCH-2/2020|2020-03-16|EPI_ISL_445279|Original|hCoV-19|\^La Araucania|Human|LABORATORIO INMUNOLAB SPA|Instituto de Salud Publica de Chile|Fernandez|Chile

<Spike|hCoV-19/Japan/PG-4962/2020|2020-07-00|EPI_ISL_690080|Original|hCoV-19|\^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

<Spike|hCoV-19/Spain/MD-IBV-9908492/2020|2020-09-10|EPI_ISL_654051|Original|hCoV-19|\^Madrid|Human|Hospital General Universitario Gregorio Mar\u00ea\u00f1o|\u00f1o|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
>Spike|hCoV-19/Malaysia/MGI-MAEPS54/2020|2020-06-04|EPI_ISL_528743|Original|hCoV-19^Selangor|Human|Malaysia Genome Institute|Malaysia Genome Institute|Mat Isa|Malaysia
>Spine|hCoV-19/England/MILK-A6A073/2020|2020-10-08|EPI_ISL_627492|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spine|hCoV-19/Norway/2660/2020|2020-05-25|EPI_ISL_481215|Original|hCoV-19^Norway|Human|Oslo University Hospital|Norwegian Institute of Public Health|Kopperud Riis|Norway
>Spine|hCoV-19/England/NOTC-111979/2020|2020-05-30|EPI_ISL_461945|Original|hCoV-19^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spine|hCoV-19/USA/WI-GMF-17647/2020|2020-08-28|EPI_ISL_547747|Original|hCoV-19^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA
>Spine|hCoV-19/Wales/PHWC-168C89/2020|2020-04-20|EPI_ISL_494349|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spine|hCoV-19/USA/NY-NYUMC681/2020|2020-03-30|EPI_ISL_450398|Original|hCoV-19^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
>Spine|hCoV-19/USA/TX-DSHS-0209/2020|2020-03-28|EPI_ISL_525771|Original|hCoV-19^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spine|hCoV-19/England/ALDP-A5109D/2020|2020-10-07|EPI_ISL_598210|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spine|hCoV-19/England/EXET-135B88/2020|2020-03-31|EPI_ISL_457139|Original|hCoV-19^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spine|hCoV-19/USA/CA-CDC-4703/2020|2020-06-04|EPI_ISL_535680|Original|hCoV-19^California|Human|CDPH|Pathogen Discovery|Queen|USA
>Spine|hCoV-19/USA/MA-MGH-00866/2020|2020-04-14|EPI_ISL_791801|Original|hCoV-19^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA
>Spine|hCoV-19/England/MILK-BAAC36/2020|2020-11-18|EPI_ISL_681475|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spine|hCoV-19/Canada/ON-PHL-20-01778/2020|2020-07-00|EPI_ISL_636930|Original|hCoV-19^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada
>Spine|hCoV-19/Japan/PG-8374/2020|2020-07-00|EPI_ISL_687473|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spine|hCoV-19/Denmark/DCGC-13317/2020|2020-11-30|EPI_ISL_712725|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spine|hCoV-19/Australia/VIC3248/2020|2020-07-06|EPI_ISL_520928|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spine|hCoV-19/Australia/VIC11073/2020|2020-07-31|EPI_ISL_563232|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19\^Canada/ON-UHTC\_0387/2020|2020-11-24|EPI\_ISL\_698088|Original|hCoV-19^\^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada
>Spik|hCoV-19\^England/CAMC-B512A5/2020|2020-11-08|EPI\_ISL\_658048|Original|hCoV-19^\^Emerging viruses|Project group Epidemology of Highly Pathogenic 2019\^Boavuk\^Spike|hCoV 2019\^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19\^USA/WI-UW-1376/2020|2020-09-06|EPI\_ISL\_536747|Original|hCoV-19^\^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spik|hCoV-19\^England/MILK-9E0850/2020|2020-09-20|EPI\_ISL\_601287|Original|hCoV-19^\^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19\^Germany/HH-hpi-p1962/2020|2020-03-25|EPI\_ISL\_776287|Original|hCoV-19^\^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany
>Spik|hCoV-19\^Germany/NW-HHU-163/2020|2020-03-15|EPI\_ISL\_602532|Original|hCoV-19^\^North Rhine-Westphalia|Human|Institute for Virology|Center of Medical Microbiology|Wienemann|Germany
>Spik|hCoV-19\^England/ALDP-B25F0D/2020|2020-11-04|EPI\_ISL\_646563|Original|hCoV-19^\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19\^England/NORT-1B71BA/2020|2020-11-19|EPI\_ISL\_703704|Original|hCoV-19^\^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spik|hCoV-19\^England/QEUH-AD1D9E/2020|2020-10-26|EPI\_ISL\_629935|Original|hCoV-19^\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19\^India/MH-APMC-5604/2020|2020-05-24|EPI\_ISL\_497884|Original|hCoV-19^\^Maharashtra|Human|Armed Forces Medical College|National Centre For Cell Science|Paul|India
>Spik|hCoV-19\^England/MILK-57B0FC/2020|2020-06-12|EPI\_ISL\_558247|Original|hCoV-19^\^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19\^USA/UT-UPHL-2008836/2020|2020-06-01|EPI\_ISL\_524855|Original|hCoV-19^\^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spik|hCoV-19\^England/ALDP-B2617F/2020|2020-11-04|EPI\_ISL\_646683|Original|hCoV-19^\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19\^England/CAMC-B79B42/2020|2020-11-13|EPI\_ISL\_668023|Original|hCoV-19^\^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19\^England/TX-HMH-2798/2020|2020-06-08|EPI\_ISL\_545561|Original|hCoV-19^\^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19\^USA/WA-S151/2020|2020-03-16|EPI\_ISL\_430188|Original|hCoV-19^\^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
>Spik|hCoV-19\^England/MILK-BDC2B1/2020|2020-11-26|EPI\_ISL\_709597|Original|hCoV-19^\^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19\^Canada/ON-UHTC\_0387/2020|2020-11-24|EPI\_ISL\_698088|Original|hCoV-19^\^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada
>Spik|hCoV-19\^England/CAMC-B512A5/2020|2020-11-08|EPI\_ISL\_658048|Original|hCoV-19^\^Emerging viruses|Project group Epidemiology of Highly Pathogenic Microorganisms|Calvignac-Spencer|C\u00f4te d'Ivoire
>Spike|hCoV-19/Denmark/DCGC-12992/2020|2020-12-07|EPI_ISL_712514|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelelsen|Denmark
>Spike|hCoV-19/India/MH-BJMC-22757/2020|2020-07-18|EPI_ISL_728254|Original|hCoV-19^Maharashtra|Human|B.J. Govt. Medical College|National Centre For Cell Science|Paul|India
>Spike|hCoV-19/England/QEUH-CDE39D/2020|2020-12-26|EPI ISL 782465|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Israel/701002431/2020|2020-03-24|EPI_ISL_447302|Original|hCoV-19^South Coast District|Human|Microbiology Division|Stern Lab|Miller|Israel
>Spike|hCoV-19/Belgium/rega-10131360/2020|2020-10-13|EPI_ISL_738413|Original|hCoV-19^Leuven|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Spike|hCoV-19/Denmark/DCGC-3970/2020|2020-09-14|EPI_ISL_615883|Original|hCoV-19^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelelsen|Denmark
>Spike|hCoV-19/England/ALDP-B6360E/2020|2020-11-09|EPI_ISL_656399|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC2785/2020|2020-07-05|EPI_ISL_521619|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Switzerland/BL-ETHZ-310386/2020|2020-10-08|EPI_ISL_603460|Original|hCoV-19^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/England/NORT-281B13/2020|2020-03-23|EPI_ISL_472177|Original|hCoV-19^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust / Coronavirus Response Team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/USA/TX-HMH-5559/2020|2020-06-26|EPI_ISL_544861|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Wales/ALDP-B1E295/2020|2020-11-01|EPI_ISL_710941|Original|hCoV-19^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Australia/VIC10376/2020|2020-08-31|EPI_ISL_562709|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/QEUH-A61F60/2020|2020-10-12|EPI_ISL_706948|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/GSTT-265D83D/2020|2020-03-25|EPI_ISL_484021|Original|hCoV-19^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom
>Spike|hCoV-19/Singapore/148/2020|2020-03-17|EPI_ISL_443240|Original|hCoV-19^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mah|Singapore
>Spike|hCoV-19/Netherlands/ZH-EMC-877/2020|2020-10-28|EPI_ISL_632757|Original|hCoV-19^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/England/LOND-12F089D/2020|2020-11-19|EPI_ISL_679585|Original|hCoV-19^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spike|hCoV-19/England/CAMC-9916CD/2020|2020-08-27|EPI_ISL_551980|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/Czech Republic/2308/2020|2020-04-14|EPI_ISL_434572|Original|hCoV-19|Vysocina Region|Human|The National Institute of Public Health Center for Epidemiology and Microbiology|The National Institute of Public Health Center for Epidemiology and Microbiology|Nagy|Czech Republic
>Spke|hCoV-19/Japan/PG-4751/2020|2020-07-00|EPI_ISL_689887|Original|hCoV-19|Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan
>Spke|hCoV-19/USA/CA-ALSR-1124/2020|2020-04-27|EPI_ISL_494376|Original|hCoV-19|California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spke|hCoV-19/USA/NY-SURV0302/2020|2020-03-09|EPI_ISL_436060|Original|hCoV-19|New York|Human|NYC Department of Health and Mental Hygiene|Pathogen Discovery|Queen|USA
>Spke|hCoV-19/England/ALDP-B7519F/2020|2020-11-12|EPI_ISL_662145|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spke|hCoV-19/England/LIVE-9F9CF/2020|2020-06-04|EPI_ISL_472031|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spke|hCoV-19/Canada/NSW1096/2020|2020-08-30|EPI_ISL_593658|Original|hCoV-19|New South Wales|Human|Pathology North - Hunter - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spke|hCoV-19/Canada/NSW1096/2020|2020-08-30|EPI_ISL_593658|Original|hCoV-19|New South Wales|Human|Pathology North - Hunter - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spke|hCoV-19/USA/WI-WSLH-200148/2020|2020-03-13|EPI_ISL_578375|Original|hCoV-19|Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA
>Spke|hCoV-19/England/PORT-2D19ED/2020|2020-04-10|EPI_ISL_514479|Original|hCoV-19|England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spke|hCoV-19/USA/LA-EVTL212/2020|2020-08-15|EPI_ISL_574346|Original|hCoV-19|Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spke|hCoV-19/Japan/PG-4651/2020|2020-07-00|EPI_ISL_689788|Original|hCoV-19|Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan
>Spke|hCoV-19/England/GSTT-265E1D7/2020|2020-03-31|EPI_ISL_484167|Original|hCoV-19|England|Human|Centre for Clinical Infection and Diagnostics Research and Genetics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awian|United Kingdom
>Spke|hCoV-19/Wales/PHWC-1652C6/2020|2020-05-27|EPI_ISL_479446|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spke|hCoV-19/Australia/NSW1096/2020|2020-08-30|EPI_ISL_593658|Original|hCoV-19|New South Wales|Human|Pathology North - Hunter - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spke|hCoV-19/England/GSTT-265E1D7/2020|2020-03-31|EPI_ISL_484167|Original|hCoV-19|England|Human|Centre for Clinical Infection and Diagnostics Research and Genetics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awian|United Kingdom
>Spike|hCoV-19/Jordan/AM-ALSR-5185/2020|2020-10-15|EPI_ISL_730424|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan
>Spik|hCoV-19/New Zealand/20VR1924/2020|2020-04-03|EPI_ISL_456309|Original|hCoV-19^^Southern|Human|Southern Community Labs Dunedin|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand
>Spik|hCoV-19/France/ARA-107506/2020|2020-11-16|EPI_ISL_728312|Original|hCoV-19^^Auvergne-Rh\00f4ne-Alpes|Human|CNV Virus des Infections Respiratoires - France SUD|CNV Virus des Infections Respiratoires - France SUD|Bal|France
>Spik|hCoV-19/Denmark/DCGC-2553/2020|2020-08-17|EPI_ISL_616529|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spik|hCoV-19/Wales/PHMC-498C41/2020|2020-11-25|EPI_ISL_727191|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik|hCoV-19/England/QEUH-B12EBB/2020|2020-11-02|EPI_ISL_642489|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/Australia/VIC2006/2020|2020-05-02|EPI_ISL_521903|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spik|hCoV-19/USA/TX-HMH-MCOV-16098/2020|2020-10-27|EPI_ISL_785782|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19/USA/TX-HMH-5765/2020|2020-06-24|EPI_ISL_546998|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19/England/NORT-297567/2020|2020-04-22|EPI_ISL_488007|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/LOND-DA38E/2020|2020-11-15|EPI_ISL_724624|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spik|hCoV-19/England/QEUH-A7694C/2020|2020-10-13|EPI_ISL_613336|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spik|hCoV-19/USA/WI-UW-2010/2020|2020-09-10|EPI_ISL_677418|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spik|hCoV-19/South Korea/KCDC2589/2020|2020-06-29|EPI_ISL_514992|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea
>Spik|hCoV-19/England/QEUH-9CA898/2020|2020-09-10|EPI_ISL_567406|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Senegal/6847/2020|2020-04-02|EPI_ISL_486865|Original|hCoV-19^^Dakar|Human|Institut Pasteur Dakar|Institut Pasteur de Dakar|Dia|Senegal
>Spik|hCoV-19/England/GSTT-265DAEC/2020|2020-03-27|EPI_ISL_484063|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awai|United Kingdom
>Spik|hCoV-19/England/ALDP-8FC1EE/2020|2020-06-24|EPI_ISL_551375|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Denmark/DCGC-19343/2020|2020-12-07|EPI_ISL_748895|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spik|hCoV-19/USA/MI-MDHHS-SC22146/2020|2020-10-15|EPI_ISL_614197|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA
>Spike|hCoV-19/Wales/PHWC-32551/2020|2020-04-07|EPI_ISL_474328|Original|hCoV-19/Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC752/2020|2020-03-30|EPI_ISL_427029|Original|hCoV-19/Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/MA-MASPHL-00170/2020|2020-04-03|EPI ISL 791635|Original|hCoV-19/USA/Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A6794E/2020|2020-10-12|EPI ISL_630519|Original|hCoV-19/England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-C14C45/2020|2020-12-06|EPI ISL 709486|Original|hCoV-19/England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42187080/2020|2020-03-12|EPI ISL_528020|Original|hCoV-19/Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/QEUH-C95F54/2020|2020-12-16|EPI ISL_777397|Original|hCoV-19/England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC732/2020|2020-03-26|EPI ISL_451447|Original|hCoV-19/New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/ALDP-B62520/2020|2020-11-08|EPI ISL_656663|Original|hCoV-19/England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-C14C45/2020|2020-12-06|EPI ISL 709486|Original|hCoV-19/England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC732/2020|2020-03-26|EPI ISL_451447|Original|hCoV-19/New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/ALDP-B62520/2020|2020-11-08|EPI ISL_656663|Original|hCoV-19/England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B01DD0/2020|2020-10-24|EPI ISL_642783|Original|hCoV-19/England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B01DD0/2020|2020-10-24|EPI ISL_642783|Original|hCoV-19/England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
| Spike | hCoV-19/Denmark/DCGC-19396/2020 | 2020-12-07 | EPI_ISL_748222 | Original | hCoV-19 |
|-------|--------------------------------|------------|----------------|----------|----------|
|       | ^^^^Victoria | Human | Department of Virus and Microbiological Special Diagnostics | Albertsen Lab | Michaelsen | Denmark |
| Spike | hCoV-19/USA/MI-MDHHS-SC22429/2020 | 2020-11-18 | EPI_ISL_708262 | Original | hCoV-19 | ^^^^Michigan | Human | Michigan Department of Health and Human Services | Michigan Department of Health and Human Services | Jacob | USA |
| Spike | hCoV-19/England/BRIS-18545A9/2020 | 2020-03-13 | EPI_ISL_492332 | Original | hCoV-19 | ^^^^England | Human | PHE South West Regional Laboratory | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| Spike | hCoV-19/England/ALDP-A940BC/2020 | 2020-10-19 | EPI_ISL_611187 | Original | hCoV-19 | ^^^^England | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| Spike | hCoV-19/England/PHE-7432S9/2020 | 2020-09-26 | EPI_ISL_725672 | Original | hCoV-19 | ^^^^England | Human | Originating lab | COVID-19 Genomics UK (COG-UK) Consortium | Moore | United Kingdom |
| Spike | hCoV-19/Japan/PG-2983/2020 | 2020-05-00 | EPI_ISL_691107 | Original | hCoV-19 | ^^^^Japan | Human | Pathogen Genomics Center | Pathogen Genomics Center | Sekizuka | Japan |
| Spike | hCoV-19/USA/WI-UK-1810/2020 | 2020-09-09 | EPI_ISL_605682 | Original | hCoV-19 | ^^^^Wisconsin | Human | University of Wisconsin-Madison AIDS Vaccine Research Laboratories | University of Wisconsin-Madison AIDS Vaccine Research Laboratories | Baczena | USA |
| Spike | hCoV-19/USA/MA-MASPHEL-00244/2020 | 2020-04-16 | EPI_ISL_791688 | Original | hCoV-19 | Massachusetts | Human | Massachusetts State Public Health Laboratory | Infectious Disease Program | Park | USA |
| Spike | hCoV-19/England/20139059904/2020 | 2020-03-27 | EPI_ISL_420730 | Original | hCoV-19 | ^^^^England | Human | Respiratory Virus Unit | Respiratory Virus Unit | Platt | United Kingdom |
| Spike | hCoV-19/Australia/WA300/2020 | 2020-04-04 | EPI_ISL_596843 | Original | hCoV-19 | ^^^^Western Australia | Human | PathWest Laboratory Medicine WA | PathWest Laboratory Medicine WA Microbial Surveillance Unit | Sikazwe | Australia |
| Spike | hCoV-19/USA/CA-QDX-1674/2020 | 2020-03-19 | EPI_ISL_603923 | Original | hCoV-19 | ^^^^California | Human | Quest Diagnostics | Quest Diagnostics | Kagan | USA |
| Spike | hCoV-19/Scotland/EDB6909/2020 | 2020-05-01 | EPI_ISL_526514 | Original | hCoV-19 | ^^^^Scotland | Human | Virology Department | COVID-19 Genomics UK (COG-UK) Consortium | Williams | United Kingdom |
| Spike | hCoV-19/Scotland/QEUH-96EB24/2020 | 2020-08-19 | EPI_ISL_534509 | Original | hCoV-19 | ^^^^Scotland | Human | NHS GG West of Scotland Specialist Virology Centre | MRC University of Glasgow Centre for Virus Research | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| Spike | hCoV-19/Canada/BC-BCCDC-7283/2020 | 2020-11-09 | EPI_ISL_657883 | Original | hCoV-19 | ^^^^British Columbia | Human | BCCDC Public Health Laboratory | BCCDC Public Health Laboratory | Prystajeczyk | Canada |
| Spike | hCoV-19/Czech Republic/IB1_16/2020 | 2020-03-26 | EPI_ISL_426891 | Original | hCoV-19 | ^^^^Czech Republic | Human | Motol University Hospital | Institute of Applied Biotechnologies a.s. | Broz | Czech Republic |
| Spike | hCoV-19/Denmark/DGCC-7331/2020 | 2020-10-12 | EPI_ISL_619316 | Original | hCoV-19 | ^^^^Syddanmark | Human | Department of Virus and Microbiological Special Diagnostics | Albertsen lab | Michaelsen | Denmark |
| Spike | hCoV-19/Australia/VIC7936/2020 | 2020-08-17 | EPI_ISL_564758 | Original | hCoV-19 | ^^^^Victoria | Human | Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) | MDU-PHL | Schultz | Australia |
> Spike hCoV-19/Scotland/QEUH-AOB320/2020|2020-10-03|EPI_ISL_599279|Original|hCoV-19^England|Human|Shanghai Medical Labs in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike hCoV-19/USA/UN-UW358/2020|2020-03-00|EPI_ISL_418925|Original|hCoV-19^USA|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike hCoV-19/Wuhan/HB-WH4-206/2020|2020-03-27|EPI_ISL_454956|Original|hCoV-19^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China
>Spike hCoV-19/England/ALDP-9ECF7D/2020|2020-05-05|EPI_ISL_589388|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike hCoV-19/USA/TX-HMH-MCoV-10734/2020|2020-07-08|EPI_ISL_789608|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike hCoV-19/USA/TX-HMH-MCoV-13416/2020|2020-08-23|EPI_ISL_788554|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike hCoV-19/Canada/ON-PHL-20-03765/2020|2020-11-00|EPI_ISL_775075|Original|hCoV-19^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada
>Spike hCoV-19/USA/AZ-TG670228/2020|2020-05-01|EPI_ISL_696410|Original|hCoV-19^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA
>Spike hCoV-19/England/QEUH-B13D44/2020|2020-11-01|EPI_ISL_641780|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike hCoV-19/England/MILK-B85DF2/2020|2020-11-13|EPI_ISL_673908|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike hCoV-19/USA/CA-CZB-3874/2020|2020-07-21|EPI_ISL_548511|Original|hCoV-19^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA
>Spike hCoV-19/Austria/CeMM0887/2020|2020-04-29|EPI_ISL_583743|Original|hCoV-19^Austria|Human|Dr. Geront Walder GmbH|Bergthaler laboratory|Bergthaler|Austria
>Spike hCoV-19/Spain/CT-IBV-97009562/2020|2020-07-29|EPI_ISL_671859|Original|hCoV-19^Catalunya|Human|Servicio de Microbiology\u00eda|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>Spike hCoV-19/USA/WI-GMF-30626/2020|2020-11-01|EPI_ISL_661042|Original|hCoV-19^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA
>Spike hCoV-19/Netherlands/NoordBrabant_35/2020|2020-03-09|EPI_ISL_414544|Original|hCoV-19^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike hCoV-19/England/QEUH-9FF95B/2020|2020-09-30|EPI_ISL_600421|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike hCoV-19/England/QEUH-9C7EA8/2020|2020-09-11|EPI_ISL_567050|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike hCoV-19/England/MILK-B049AC/2020|2020-10-24|EPI_ISL_650590|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/USA/FL-BPHL-1849/2020|2020-04-09|EPI_ISL_613929|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spix|hCoV-19/England/ALDP-955CD2/2020|2020-06-12|EPI_ISL_553886|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spix|hCoV-19/USA/TX-DSHS-1436/2020|2020-06-24|EPI_ISL_671610|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spix|hCoV-19/Scotland/QEUH-A1FBD6/2020|2020-10-01|EPI_ISL_599062|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spix|hCoV-19/England/ALDP-BB32ED/2020|2020-11-19|EPI_ISL_703058|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spix|hCoV-19/USA/WI-UW-2571/2021|2021-01-04|EPI_ISL_788913|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA
>Spix|hCoV-19/USA/ALDP-0053/2020|2020-01-03|EPI_ISL_688273|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spix|hCoV-19/England/MILK-9927C9/2020|2020-08-27|EPI_ISL_552083|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spix|hCoV-19/Scotland/CVR986/2020|2020-03-27|EPI_ISL_439141|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spix|hCoV-19/Scotland/EDB6243/2020|2020-05-21|EPI_ISL_473925|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spix|hCoV-19/England/ALDP-B1C8E4/2020|2020-11-01|EPI_ISL_645739|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spix|hCoV-19/USA/TX-DSHS-0053/2020|2020-05-09|EPI_ISL_517984|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spix|hCoV-19/Japan/PG-7168/2020|2020-07-01|EPI_ISL_688273|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spix|hCoV-19/England/MILK-B021D3/2020|2020-10-24|EPI_ISL_643021|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spix|hCoV-19/England/LIVE-1D4C88/2020|2020-08-31|EPI_ISL_611579|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spix|hCoV-19/Denmark/DGCC-5616/2020|2020-09-28|EPI_ISL_620941|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spix|hCoV-19/Wales/PHWC-47E0FA/2020|2020-09-29|EPI_ISL_595407|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/Australia/VIC8870/2020|2020-07-23|EPI_ISL_565249|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19/England/QEWH-9F3E94/2020|2020-09-24|EPI_ISL_588624|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/CAMC-AEAD92/2020|2020-10-26|EPI_ISL_633357|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Denmark/DCGC-18952/2020|2020-12-07|EPI_ISL_748661|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen|Michaelsen|Denmark
Spike|hCoV-19/USA/MA-S2507/2020|2020-06-17|EPI_ISL_497139|Original|hCoV-19|USA|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
Spike|hCoV-19/USA/MA-MGH-03288/2020|2020-10-26|EPI_ISL_765774|Original|hCoV-19|Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA
Spike|hCoV-19/USA/TX-HMH-MCoV-12271/2020|2020-09-23|EPI_ISL_790277|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/Austria/CeMM0448/2020|2020-04-21|EPI_ISL_475865|Original|hCoV-19|Austria|Human|Austrian Agency for Health and Food Safety (AGES)|Bergthaler laboratory|Bergthaler|Austria
Spike|hCoV-19/Gambia/GC19-2427/2020|2020-07-21|EPI_ISL_561105|Original|hCoV-19|Gambia|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia
Spike|hCoV-19/Japan/PG-0808/2020|2020-04-00|EPI_ISL_684418|Original|hCoV-19|Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19/England/CAMC-B34BF8/2020|2020-11-05|EPI_ISL_659646|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/England/LEED-2A6861/2020|2020-04-03|EPI_ISL_539096|Original|hCoV-19|England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/HI-H200406/2020|2020-07-08|EPI_ISL_752951|Original|hCoV-19|Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA
Spike|hCoV-19/USA/WI-WU-630/2020|2020-06-26|EPI_ISL_491324|Original|hCoV-19|Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
Spike|hCoV-19/USA/TX-HMH-MCoV-10087/2020|2020-07-06|EPI_ISL_789318|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/England/SHEF-C1593/2020|2020-10-19|EPI_ISL_637973|Original|hCoV-19|England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
Spike|hCoV-19/England/204960259/2020|2020-12-02|EPI_ISL_723013|Original|hCoV-19|England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
Spike|hCoV-19/England/ALDP-71DF93/2020|2020-07-01|EPI_ISL_557649|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Australia/VIC16483/2020|2020-00-00|EPI_ISL_640819|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19/England/NOTT-11577B/2020|2020-10-14|EPI_ISL_595260|Original|hCoV-19|England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
Spike|hCoV-19/South Africa/KRISP-K001066/2020|2020-07-01|EPI_ISL_509322|Original|hCoV-19|KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
>Spike|hCoV-19/England/CAMC-A82E8A/2020|2020-10-13|EPI_ISL_610846|Original|hCoV-19
>England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp>ike|hCoV-19/England/MILK-BAB691/2020|2020-11-18|EPI_ISL_783307|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Sp>ike|hCoV-19/USA/TX-DHS5-1848/2020|2020-06-22|EPI_ISL_745287|Original|hCoV-19
>Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Sp>ike|hCoV-19/USA/FL-BPHL-1449/2020|2020-04-07|EPI_ISL_549231|Original|hCoV-19
>Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Sp>ike|hCoV-19/Australia/VIC7743/2020|2020-08-07|EPI_ISL_564621|Original|hCoV-19
>Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Sp>ike|hCoV-19/USA/CA-ALSR-4319/2020|2020-10-07|EPI_ISL_648968|Original|hCoV-19
>California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Sp>ike|hCoV-19/Switzerland/BS-UHB-42203486/2020|2020-03-23|EPI_ISL_528357|Original|hCoV-19
>Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland
>Sp>ike|hCoV-19/Wales/PHWC-48BB35/2020|2020-10-30|EPI_ISL_666327|Original|hCoV-19
>Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Sp>ike|hCoV-19/Gambia/GC19-3396/2020|2020-07-27|EPI_ISL_561069|Original|hCoV-19
>Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia
>Sp>ike|hCoV-19/England/MILK-9D54E1/2020|2020-09-19|EPI_ISL_577065|Original|hCoV-19
>England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Sp>ike|hCoV-19/England/ALDP-6B1D3E/2020|2020-07-01|EPI_ISL_557815|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp>ike|hCoV-19/England/ALDP-CBECB8/2020|2020-12-19|EPI_ISL_760555|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Sp>ike|hCoV-19/USA/WA-S1403/2020|2020-05-19|EPI_ISL_495853|Original|hCoV-19
>Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Sp>ike|hCoV-19/USA/WA-S2423/2020|2020-06-15|EPI_ISL_497055|Original|hCoV-19
>Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Sp>ike|hCoV-19/England/ALDP-A6C78B/2020|2020-10-14|EPI_ISL_608322|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp>ike|hCoV-19/USA/LA-GBCL-26492483/2020|2020-04-25|EPI_ISL_485048|Original|hCoV-19
>Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA
>Sp>ike|hCoV-19/Wales/PHWC-2D261/2020|2020-04-02|EPI_ISL_445962|Original|hCoV-19
>Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Sp>ike|hCoV-19/India/TG-CCMB-L1542/2020|2020-05-26|EPI_ISL_471617|Original|hCoV-19
>Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|Centre for Cellular and Molecular Biology|Banan|India
>Sp>ike|hCoV-19/Wales/PHWC-4972C8/2020|2020-11-26|EPI_ISL_726807|Original|hCoV-19
>Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Sp>ike|hCoV-19/England/MILK-AC8635/2020|2020-10-21|EPI_ISL_629204|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp>ike|hCoV-19/Japan/PG-4475/2020|2020-07-00|EPI_ISL_692698|Original|hCoV-19
>Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/USA/CO-CDPHE-2009164054/2020|2020-09-16|EPI_ISL_710333|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Pulpic Health and Environment|Bankers|USA
>Spike|hCoV-19/England/MILK-9705C7/2020|2020-08-18|EPI_ISL_553146|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC151/2020|2020-03-17|EPI_ISL_419848|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia
>Spike|hCoV-19/England/QEUH-9BAF4B/2020|2020-09-07|EPI_ISL_573639|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Northern Ireland/NIRE-23399E/2020|2020-10-04|EPI_ISL_680328|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
>Spike|hCoV-19/USA/CA-CDPH018/2020|2020-02-27|EPI_ISL_515911|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health and Environment|Bankers|USA
>Spike|hCoV-19/England/LIVE-DB3931/2020|2020-10-21|EPI_ISL_651145|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/Singapore/1013/2020|2020-03-24|EPI_ISL_574498|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mah|Singapore
>Spike|hCoV-19/Wales/PHWC-4A0A97/2020|2020-12-10|EPI_ISL_743537|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moor|United Kingdom
>Spike|hCoV-19/USA/CO-CDPHE-201119375/2020|2020-11-19|EPI_ISL_771255|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Pulpic Health and Environment|Bankers|USA
>Spike|hCoV-19/USA/MN-MDH-1066/2020|2020-05-14|EPI_ISL_462911|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA
>Spike|hCoV-19/England/NORW-EC5DE/2020|2020-05-10|EPI_ISL_457538|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alihan|United Kingdom
>Spike|hCoV-19/Uruguay/RIV-M10/2020|2020-05-21|EPI_ISL_748140|Original|hCoV-19^^Rivera|Human|Instituto de Investigaciones Biolo\u0301gicas Clemente Estable|Institut Pasteur de Montevideo|Spangenberg|Uruguay
>Spike|hCoV-19/USA/NY-NYUMC276/2020|2020-04-06|EPI_ISL_428790|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
>Spike|hCoV-19/Northern Ireland/NIRE-104584/2020|2020-04-15|EPI_ISL_489333|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-2E6C6/2020|2020-04-06|EPI_ISL_446170|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moor|United Kingdom
>Spike|hCoV-19/Scotland/EDB8934/2020|2020-10-29|EPI_ISL_650813|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Mchugh|United Kingdom
>Spike|hCoV-19/Japan/PG-5028/2020|2020-07-07|EPI_ISL_690139|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/USA/HI-H200702/2020|2020-12-04|EPI_ISL_753223|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA
>Spike|hCoV-19/USA/NY-Wadsworth-277726-01/2020|2020-11-20|EPI_ISL_754587|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
Spike|hCoV-19/USA/NY-WCMP4B06P/2020|2020-03-13|EPI_ISL_427532|Original|hCoV-19^^New York|Human|NewYork-Presbyterian & Mason Lab|Mason Lab|Mason|USA
&Spike|hCoV-19/Scotland/QEUH-AD1D52/2020|2020-10-27|EPI_ISL_644038|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
&Spike|hCoV-19/Netherlands/UT-EMC-221/2020|2020-12-06|EPI_ISL_722790|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
&Spike|hCoV-19/England/ALDP-B4680B/2020|2020-11-07|EPI_ISL_656025|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
&Spike|hCoV-19/England/NORT-28C750/2020|2020-05-15|EPI_ISL_478600|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
&Spike|hCoV-19/England/CAMB-1B4A66/2020|2020-06-07|EPI_ISL_473492|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
&Spike|hCoV-19/England/QEUH-9C933E/2020|2020-09-10|EPI_ISL_567418|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
&Spike|hCoV-19/USA/AZ-TG494849/2020|2020-07-10|EPI_ISL_695255|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA
&Spike|hCoV-19/Denmark/DGCC-12671/2020|2020-11-16|EPI_ISL_682852|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsens Lab|Michaelsen|Denmark
&Spike|hCoV-19/USA/CA-CZB-16183/2020|2020-12-02|EPI_ISL_738712|Original|hCoV-19^^California|Human|Renegade|Chan-Zuckerberg Biohub|Kamm|USA
&Spike|hCoV-19/USA/TX-HMW-MCoV-11240/2020|2020-09-02|EPI_ISL_789745|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
&Spike|hCoV-19/Spain/MD-H12-H12-2107/2020|2020-03-27|EPI_ISL_421177|Original|hCoV-19^^Madrid|Human|Hospital Universitario 12 de Octubre|Hospital Universitario 12 de Octubre|Viedma|Spain
&Spike|hCoV-19/England/QEUH-9E4E69/2020|2020-09-22|EPI_ISL_579864|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
&Spike|hCoV-19/England/CAMC-B205B5/2020|2020-11-02|EPI_ISL_647730|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
&Spike|hCoV-19/Denmark/DGCC-17908/2020|2020-12-14|EPI_ISL_749160|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsens Lab|Michaelsen|Denmark
&Spike|hCoV-19/England/MILK-B3A13C/2020|2020-11-02|EPI_ISL_679684|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
&Spike|hCoV-19/USA/CA-CZB-13118/2020|2020-10-27|EPI_ISL_672416|Original|hCoV-19^^California|Human|Madera County Department of Public Health|Chan-Zuckerberg Biohub|Bhatt|USA
&Spike|hCoV-19/USA/AZ-TG491474/2020|2020-06-17|EPI_ISL_695108|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA
&Spike|hCoV-19/England/QEUH-962917/2020|2020-08-10|EPI_ISL_531709|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
&Spike|hCoV-19/Belgium/Rega-0330252/2020|2020-03-30|EPI_ISL_458222|Original|hCoV-19^^Holsbeek|Human|KU Leuven|KU Leuven|Maes|Belgium
&Spike|hCoV-19/USA/CA-CZB-13412/2020|2020-09-02|EPI_ISL_672113|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA
>Spike|hCoV-19/England/MILK-A7C111/2020|2020-10-15|EPI_ISL_606439|Original|hCoV-19
^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WY-WPHL-2006189/2020|2020-08-14|EPI_ISL_769905|Original|hCoV-19
^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA
>Spike|hCoV-19/England/ALDP-C5886F/2020|2020-12-14|EPI_ISL_735887|Original|hCoV-19
^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-1213/2020|2020-03-31|EPI_ISL_542587|Original|hCoV-19
^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Canada/ON-UHTC-0293/2020|2020-07-30|EPI_ISL_569980|Original|hCoV-19
^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada
>Spike|hCoV-19/USA/FL-BPHL-1535/2020|2020-05-14|EPI_ISL_568633|Original|hCoV-19
^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/Northern Ireland/NIRE-101F5C/2020|2020-03-23|EPI_ISL_441358|Original|hCoV-19
^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
>Spike|hCoV-19/England/SHEF-C15FD/2020|2020-03-30|EPI_ISL_432726|Original|hCoV-19
^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/USA/UT-UPHL-04312_2/2020|2020-05-15|EPI_ISL_591303|Original|hCoV-19
^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/Wales/PHWC-33CF1/2020|2020-04-18|EPI_ISL_446813|Original|hCoV-19
^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology|Cardiff|Moore|United Kingdom
>Spike|hCoV-19/Norway/7180/2020|2020-12-27|EPI_ISL_775428|Original|hCoV-19
^^Viken|Human|Department of Medical Microbiology - section Molde|Norwegian Institute of Public Health|Vollan|Norway
>Spike|hCoV-19/England/SHEF-10CDEC6/2020|2020-12-15|EPI_ISL_742007|Original|hCoV-19
^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/Germany/NW-HHU-290/2020|2020-09-30|EPI_ISL_770765|Original|hCoV-19
^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum Gbr \u00dcBAG f\u00e4r Labormedizin|Center of Medical Microbiology|Wienemann|Germany
>Spike|hCoV-19/USA/TX-HMH-5738/2020|2020-06-24|EPI_ISL_546979|Original|hCoV-19
^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Wales/PHWC-16C960/2020|2020-09-22|EPI_ISL_574114|Original|hCoV-19
^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/CAMB-74474/2020|2020-03-19|EPI_ISL_425293|Original|hCoV-19
^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-13367|2020-11-30|EPI_ISL_712753|Original|hCoV-19
^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/India/GJ-GBRC236/2020|2020-06-12|EPI_ISL_476878|Original|hCoV-19
^^Gujarat|Human|Department of Microbiology|Gujarat Biotechnology Research Centre|Joshi|India
>Spike|hCoV-19/Canada/ON-PHL-20-03673/2020|2020-11-00|EPI_ISL_778848|Original|hCoV-19
^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada
>Spike|hCoV-19/England/ALDP-5AB257/2020|2020-06-15|EPI_ISL_558658|Original|hCoV-19
^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Norway/CS-07/2020|2020-04-20|EPI_ISL_665256|Original|hCoV-19
^^Viken|Human|Dept. of Microbiology and Infection Control|Dept. of Microbiology and Infection Control|Hesselberg L\u00f6vestad|Norway
>Spike|hCoV-19|England|CWAR-24FD56/2020|2020-05-02|EPI_ISL_584485|Original|hCoV-19|England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom
>Spikel|hCoV-19|USA|NYNYUMCB01/2020|2020-03-27|EPI_ISL_456037|Original|hCoV-19|New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
>Spikel|hCoV-19|Wales|PHWC-48EDOF/2020|2020-11-10|EPI_ISL_680994|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spikel|hCoV-19|Denmark|DCGC-14262/2020|2020-11-30|EPI_ISL_711339|Original|hCoV-19|Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spikel|hCoV-19|England|CAMC-B9C6OC/2020|2020-11-15|EPI_ISL_673480|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spikel|hCoV-19|England|LIVE-9A566/2020|2020-03-26|EPI_ISL_449345|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spikel|hCoV-19|USA|WI-UW-252/2020|2020-03-24|EPI_ISL_428726|Original|hCoV-19|Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spikel|hCoV-19|Netherlands|ZH-EMC-913/2020|2020-11-03|EPI_ISL_722707|Original|hCoV-19|Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spikel|hCoV-19|USA|WI-UW-1290/2020|2020-09-02|EPI_ISL_536662|Original|hCoV-19|Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spikel|hCoV-19|France|PDL-SC600/2020|2020-03-11|EPI_ISL_649173|Original|hCoV-19|Pays-de-la-Loire|Human|CHU Nantes|CNR Virus des Infections Respiratoires - France SUD|Bal|France
>Spikel|hCoV-19|India|WB-IK54/2020|2020-05-06|EPI_ISL_508380|Original|hCoV-19|West Bengal|Human|Institute of Post Graduate Medical Education & Research|National Institute of Biomedical Genomics|Maitra|India
>Spikel|hCoV-19|USA|WI-UW-936/2020|2020-05-05|EPI_ISL_509936|Original|hCoV-19|Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spikel|hCoV-19|Luxembourg|LNS8040373/2020|2020-11-05|EPI_ISL_744673|Original|hCoV-19|Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spikel|hCoV-19|Scotland|CVR3793/2020|2020-05-16|EPI_ISL_478121|Original|hCoV-19|Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spikel|hCoV-19|England|MILK-99DF6C/2020|2020-08-31|EPI_ISL_550716|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikel|hCoV-19|Germany|NW-HHU-25/2020|2020-03-15|EPI_ISL_419542|Original|hCoV-19|North Rhine-Westphalia|Human|Center of Medical Microbiology|Center of Medical Microbiology|Wienemann|Germany
>Spikel|hCoV-19|Netherlands|ZH-RIVM-20685/2020|2020-12-23|EPI_ISL_790753|Original|hCoV-19|Zuid-holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spikel|hCoV-19|Luxembourg|LNS2264925/2020|2020-11-09|EPI_ISL_740087|Original|hCoV-19|Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spikel|hCoV-19|England|EXET-136871/2020|2020-04-28|EPI_ISL_457238|Original|hCoV-19|England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
Spike|hCoV-19|USA/CA-CZB-12811/2020|2020-09-09|EPI_ISL_648462|Original|hCoV-19|California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA
Spike|hCoV-19|England/QEUF-C93877/2020|2020-12-19|EPI_ISL_777105|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|Scotland/EDB6588/2020|2020-05-14|EPI_ISL_478269|Original|hCoV-19|Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
Spike|hCoV-19|Wales/PHWC-2B9B9/2020|2020-03-28|EPI_ISL_445788|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
Spike|hCoV-19|Australia/VIC2898/2020|2020-07-08|EPI_ISL_521729|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19|Northern Ireland/NIRE-106DE4/2020|2020-05-29|EPI_ISL_501056|Original|hCoV-19|Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Denmark/DCGC-2001/2020|2020-07-20|EPI_ISL_618336|Original|hCoV-19|Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelisen|Denmark
Spike|hCoV-19|India/ML-McCov0043-CSIR-IGIB/2020|2020-04-29|EPI_ISL_459945|Original|hCoV-19|Delhi|Human|Devki Devi Foundation|CSIR-IGIB/Max|Pandey|India
Spike|hCoV-19|Japan/PG-1521/2020|2020-04-04|EPI_ISL_685128|Original|hCoV-19|Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19|England/EXET-135DFB/2020|2020-03-25|EPI_ISL_457170|Original|hCoV-19|England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
Spike|hCoV-19|India/KA-IB50/2020|2020-05-09|EPI_ISL_508328|Original|hCoV-19|Karnataka|Human|Indian Institute of Science|National Institute of Biomedical Genomics|Maitra|India
Spike|hCoV-19|Canada/ON-CVD01486/2020|2020-05-01|EPI_ISL_586277|Original|hCoV-19|Canada|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
Spike|hCoV-19|Indonesia/NT-EIJK26/2020|2020-04-14|EPI_ISL_766048|Original|hCoV-19|East Nusa Tenggara|Human|RS Bhayangkara Tk. III|Eijkman Institute for Molecular Biology|Soebandrio|Indonesia
Spike|hCoV-19|England/SHEF-C8F16/2020|2020-05-07|EPI_ISL_490614|Original|hCoV-19|England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
Spike|hCoV-19|England/QEUH-A60AD9/2020|2020-10-12|EPI_ISL_665392|Original|hCoV-19|England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
Spike|hCoV-19|USA/TX-HMH-MCoV-10648/2020|2020-07-06|EPI_ISL_789574|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|Australia/VIC10499/2020|2020-08-31|EPI_ISL_562936|Original|hCoV-19|Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
Spike|hCoV-19|England/CMAC-CB8F1D/2020|2020-12-18|EPI_ISL_778066|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|England/BRIS-122429/2020|2020-04-02|EPI_ISL_440725|Original|hCoV-19|England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
> Spike|hCoV-19|England|SHEF-C3FC0|2020|2020-04-06|EPI_ISL_499332|Original|hCoV-19|England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
> Spike|hCoV-19|New Zealand|20VR0933|2020|2020-03-19|EPI_ISL_456171|Original|hCoV-19|Bay of Plenty|Human|PathLab Bay of Plenty|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand
> Spike|hCoV-19|England|MLK-9A6EAF|2020|2020-09-02|EPI_ISL_550093|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England|NORW-EAB92|2020|2020-05-11|EPI_ISL_457358|Original|hCoV-19|England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
> Spike|hCoV-19|England|CAMC-B2327F|2020|2020-11-03|EPI_ISL_651725|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
> Spike|hCoV-19|Canada|ON-PHL-20-03613|2020|2020-11-00|EPI_ISL_775121|Original|hCoV-19|Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada
> Spike|hCoV-19|USA|CA-CZB-2218|2020|2020-05-28|EPI_ISL_513766|Original|hCoV-19|California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA
> Spike|hCoV-19|England|ALDP-9052EE|2020|2020-06-24|EPI_ISL_553726|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Gibraltar|204421229|2020|2020-10-27|EPI_ISL_613689|Original|hCoV-19|Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar
> Spike|hCoV-19|Denmark|DCGC-6902|2020|2020-10-12|EPI_ISL_619747|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
> Spike|hCoV-19|Denmark|DCGC-18331|2020|2020-12-07|EPI_ISL_749893|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
> Spike|hCoV-19|England|QEUH-A0164F|2020|2020-09-30|EPI_ISL_679992|Original|hCoV-19|England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
> Spike|hCoV-19|USA|CA-ZB-2218|2020|2020-05-28|EPI_ISL_513766|Original|hCoV-19|California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA
> Spike|hCoV-19|England|ALDP-9052EE|2020|2020-06-24|EPI_ISL_553726|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Gibraltar|204421229|2020|2020-10-27|EPI_ISL_613689|Original|hCoV-19|Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar
> Spike|hCoV-19|England|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England|ALDP-9E981B|2020|2020-09-24|EPI_ISL_584253|Original|hCoV-19|England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
> Spike|hCoV-19|Connecticut|CT-UW-6379|2020|2020-04-01|EPI_ISL_570109|Original|hCoV-19|Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
> Spike|hCoV-19|Japan|PG-8310|2020|2020-08-00|EPI_ISL_687409|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
> Spike|hCoV-19|USA|CA-CHLA-PLM87793444|2020|2020-11-30|EPI_ISL_753443|Original|hCoV-19|California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA
> Spike|hCoV-19|USA|GA-CDC-5125|2020|2020-06-29|EPI_ISL_566105|Original|hCoV-19|Georgia|Human|GA Department of Public Health Laboratory|Pathogen Discovery|Queen|USA
> Spike|hCoV-19|England|CAMC-B99DDD|2020|2020-11-15|EPI_ISL_673256|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Australia|VIC5820|2020|2020-07-20|EPI_ISL_518614|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Denmark/DCGC-2752/2020|2020-08-17|EPI_ISL_616497|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spicke|hCoV-19/England/CAMB-155B53/2020|2020-08-13|EPI_ISL_516997|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spicke|hCoV-19/USA/TX-HMH-MS-15379/2020|2020-10-21|EPI ISL 786863|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spicke|hCoV-19/South Korea/KCDC2147/2020|2020-03-23|EPI ISL 498048|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea
>Spicke|hCoV-19/Wales/PHWC-49F381/2020|2020-12-07|EPI ISL 743204|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spicke|hCoV-19/Gibraltar/204462819/2020|2020-10-29|EPI ISL 614994|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar
>Spicke|hCoV-19/USA/VA-DCLS-0656/2020|2020-04-09|EPI ISL 495327|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spicke|hCoV-19/USA/UT-UPHL-2012657489/2020|2020-08-14|EPI ISL 746149|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA
>Spicke|hCoV-19/England/ALDP-Abc9FE/2020|2020-10-15|EPI ISL 606989|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spicke|hCoV-19/USA/NV-NSPHL-A0167/2020|2020-05-17|EPI ISL 515428|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA
>Spicke|hCoV-19/England/ALDP-9BdbFe9/2020|2020-09-09|EPI ISL 568189|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spicke|hCoV-19/England/20129105404/2020|2020-03-13|EPI ISL 424090|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spicke|hCoV-19/England/CAMC-B78B52/2020|2020-11-12|EPI ISL 783421|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spicke|hCoV-19/USA/VA-S133/2020|2020-03-13|EPI ISL 430170|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
>Spicke|hCoV-19/USA/TX-HMH-6016/2020|2020-06-28|EPI ISL 547170|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spicke|hCoV-19/USA/Sabac-000490807/2020|2020-07-07|EPI ISL 678492|Original|hCoV-19^^Sabac|Human|Veterinary Specialized Institute|Sabac|Veterinary Specialized Institute|\Kraljevo\|Vidovic|Serbia
>Spicke|hCoV-19/Iceland/26/2020|2020-03-03|EPI ISL 417841|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|\"u010f\nsson|Iceland
>Spicke|hCoV-19/England/OEUH-9D0668/2020|2020-09-15|EPI ISL 589985|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spicke|hCoV-19/England/OEUH-A02A24/2020|2020-09-28|EPI ISL 595847|Original|hCoV-19^^England|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spicke|hCoV-19/Scotland/CVR5633/2020|2020-10-28|EPI ISL 651882|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spicke|hCoV-19/USA/AZ-TG668406/2020|2020-04-18|EPI ISL 696309|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA
>Spicke|hCoV-19/Switzerland/VD-ETHZ-270064/2020|2020-09-02|EPI ISL 541473|Original|hCoV-19^^Vaud|Human|Violier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
> Spike|hCoV-19|Australia/VIC6316/2020|2020-07-24|EPI_ISL_518304|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19|USA/TX-HMH-MCoV-15589/2020|2020-10-26|EPI_ISL_787073|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19|England/QEUH-962F7F/2020|2020-08-10|EPI_ISL_531705|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Luxembourg/LNS5217472/2020|2020-12-18|EPI_ISL_744203|Original|hCoV-19^Luxembourg|Human|Laboratoire national de santé|Laboratoire national de santé|Wienecke-Baldacchino|Luxembourg
> Spike|hCoV-19|USA/WI-WSLH-200577/2020|2020-06-07|EPI_ISL_578688|Original|hCoV-19^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA
> Spike|hCoV-19|USA/TX-HMH-3159/2020|2020-06-10|EPI_ISL_544035|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19|England/QEUH-AAF300/2020|2020-10-20|EPI_ISL_630705|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England/ALDP-951F55/2020|2020-06-09|EPI_ISL_551289|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England/MILK-A6A90F/2020|2020-10-08|EPI_ISL_626709|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
> Spike|hCoV-19|England/2013036004/2020|2020-03-28|EPI_ISL_420671|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
> Spike|hCoV-19/Netherlands/NB-EMC-413/2020|2020-03-09|EPI_ISL_460334|Original|hCoV-19^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
> Spike|hCoV-19/Denmark/DCGC-10361/2020|2020-11-02|EPI_ISL_669925|Original|hCoV-19^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albersen Lab|Michaelsen|Denmark
> Spike|hCoV-19/USA/UT-UPHL-2009166/2020|2020-05-27|EPI_ISL_525153|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
> Spike|hCoV-19/USA/MA-MGH-00039/2020|2020-03-24|EPI_ISL_460334|Original|hCoV-19^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA
> Spike|hCoV-19/England/MILK-A7C2F0/2020|2020-10-15|EPI_ISL_606573|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/CAMB-79846/2020|2020-04-01|EPI_ISL_441818|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Russia/SVE-RII-MHI1640S/2020|2020-09-09|EPI_ISL_596308|Original|hCoV-19^Sverdlovsk|Human|HELIX LLC|WHO National Influenza Centre Russia Federation|Komissarov|Russia
> Spike|hCoV-19/Scotland/QEUH-9DAEB1/2020|2020-09-22|EPI_ISL_601137|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/ALDP-A6D456/2020|2020-10-15|EPI_ISL_608249|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/India/MH-ACTREC-676/2020|2020-09-18|EPI_ISL_700301|Original|hCoV-19^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
>Spike|hCoV-19/Wales/PHWC-2C2EA/2020|2020-03-30|EPI_ISL_474305|Original|hCoV-19|^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>SpIke|hCoV-19/England/EXET-13AE7B/2020|2020-11-11|EPI_ISL_664271|Original|hCoV-19|^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>SpIke|hCoV-19/Wales/PHWC-315F8/2020|2020-04-13|EPI_ISL_446467|Original|hCoV-19|^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>SpIke|hCoV-19/Northern Ireland/NIRE-101684/2020|2020-04-30|EPI_ISL_469871|Original|hCoV-19|^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>SpIke|hCoV-19/South Africa/NHLS-UCT-GS-1025/2020|2020-10-26|EPI_ISL_700435|Original|hCoV-19|^Western Cape|Human|Paalentsdorp Clinic wc PAC|NHLS/UCT|Iranszadeh|South Africa

>SpIke|hCoV-19/Brazil/RJ-DCVN4/2020|2020-07-20|EPI_ISL_510541|Vero E6|hCoV-19|^Rio de Janeiro|Human|Centro de Desenvolvimento Tecnologico em Saude|Centro de Desenvolvimento Tecnologico em Saude|Souza|Brazil

>SpIke|hCoV-19/India/UT-AR40/2020|2020-05-28|EPI_ISL_511912|Original|hCoV-19|^Uttarakhand|Human|All india institute of Medical Sciences Rishikesh|National Institute of Biomedical Genomics -\u00a0DBT's PAN-INDIA 1000 SARS--CoV-2 RNA Genome Sequencing Consortium|Maitra|India

>SpIke|hCoV-19/Wales/PHWC-495BCF/2020|2020-11-25|EPI_ISL_726452|Original|hCoV-19|^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>SpIke|hCoV-19/Denmark/DGCC-7093/2020|2020-10-12|EPI_ISL_619135|Original|hCoV-19|^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>SpIke|hCoV-19/Australia/VIC5567/2020|2020-07-09|EPI_ISL_518386|Original|hCoV-19|^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>SpIke|hCoV-19/Sweden/20-52885/2020|2020-09-13|EPI_ISL_615106|Original|hCoV-19|^Halland|Human|Halmstad klinisk mikrobiologi|The Public Health Agency of Sweden|Svarststr\u00f6m|Sweden

>SpIke|hCoV-19/USA/FL-BPHL-1824/2020|2020-04-08|EPI_ISL_613911|Original|hCoV-19|^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>SpIke|hCoV-19/Denmark/DGCC-14806/2020|2020-11-23|EPI_ISL_711997|Original|hCoV-19|^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>SpIke|hCoV-19/England/ALDP-A87A09/2020|2020-10-17|EPI_ISL_606247|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Welcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>SpIke|hCoV-19/England/CAMC-B3576C/2020|2020-11-05|EPI_ISL_659470|Original|hCoV-19|^England|Human|Lighthouse Lab in Cambridge|Welcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>SpIke|hCoV-19/Denmark/DGCC-6530/2020|2020-10-05|EPI_ISL_619430|Original|hCoV-19|^Noord-St Room|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>SpIke|hCoV-19/England/ALDP-9B62FB/2020|2020-08-28|EPI_ISL_572998|Original|hCoV-19|^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>SpIke|hCoV-19/Netherlands/Zeeeland_20/2020|2020-03-18|EPI_ISL_461259|Original|hCoV-19|^Zeeeland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>SpIke|hCoV-19/Netherlands/ZuidHolland_75/2020|2020-03-26|EPI_ISL_422943|Original|hCoV-19|^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
Spike|hCoV-19|England/NOTT-11051C/2020|2020-04-23|EPI_ISL_441526|Original|hCoV-19\^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
Spike|hCoV-19|USA/TX-HMW-7376/2020|2020-06-29|EPI_ISL_546716|Original|hCoV-19\^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|India/TG-CCMB-OM21/2020|2020-09-20|EPI_ISL_644715|Original|hCoV-19\^Telangana|Human|Osmania Medical College|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India
Spike|hCoV-19|England/QEUH-9FF9A6/2020|2020-09-30|EPI_ISL_600241|Original|hCoV-19\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Denmark/DGCC-18922/2020|2020-12-07|EPI_ISL_748349|Original|hCoV-19\^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelson|Denmark
Spike|hCoV-19|England/SHEF-CF137/2020|2020-05-27|EPI_ISL_535088|Original|hCoV-19\^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
Spike|hCoV-19|Ireland/G-NVRL-781RL79027/2020|2020-11-14|EPI_ISL_759701|Original|hCoV-19\^Central Java|Human|RS UNS/UNS/RS-UNS|Suryawati|Indonesia
Spike|hCoV-19|Wales/PHWC-16E227/2020|2020-09-30|EPI_ISL_585686|Original|hCoV-19\^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19|Netherlands/GR-RIVM-20790/2020|2020-12-15|EPI_ISL_790850|Original|hCoV-19\^Groningen|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
Spike|hCoV-19|Finland/6LS3H9/2020|2020-10-06|EPI_ISL_756087|Original|hCoV-19\^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland
Spike|hCoV-19|Switzerland/BE-ETHZ-300279/2020|2020-10-01|EPI_ISL_603311|Original|hCoV-19\^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
Spike|hCoV-19|USA/TX-HMW-MCoV-12917/2020|2020-08-18|EPI_ISL_788069|Original|hCoV-19\^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|England/SHEF-C236B/2020|2020-11-22|EPI_ISL_680121|Original|hCoV-19\^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
Spike|hCoV-19|England/QEUH-9B5001/2020|2020-09-07|EPI_ISL_590182|Original|hCoV-19\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Denmark/DGCC-7176/2020|2020-10-12|EPI_ISL_618925|Original|hCoV-19\^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
Spike|hCoV-19|Wales/PHWC-16912F/2020|2020-06-06|EPI_ISL_600078|Original|hCoV-19\^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19|New Zealand/20VR3894/2020|2020-00-00|EPI_ISL_548091|Original|hCoV-19\^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
Spike|hCoV-19|Denmark/DGCC-7458/2020|2020-10-12|EPI_ISL_619393|Original|hCoV-19\^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
Spike|hCoV-19|USA/VA-DCLS-0078/2020|2020-03-27|EPI_ISL_429977|Original|hCoV-19\^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/MILK-B561B2/2020|2020-11-06|EPI_ISL_657709|Original|hCoV-19\^\^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spicke|hCoV-19/Switzerland/BL-BTHZ-100079/2020|2020-03-12|EPI_ISL_451671|Original|hCoV-19\^\^Basel-Landschaft|Human|Vioilier AG|Department of Biosysmec Science and Engineering|Nadeau|Switzerland

>Spice|hCoV-19/Australia/TAS114/2020|2020-03-23|EPI_ISL_522580|Original|hCoV-19\^\^Tasmania|Human|Royal Hobart Pathology and Microbiology Department|DU-0-PHL|Schultz|Australia

>Spice|hCoV-19/USA/MI-MDHHS-SC20505/2020|2020-05-11|EPI_ISL_460043|Original|hCoV-19\^\^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spicke|hCoV-19/England/NOTT-10FFB8/2020|2020-04-06|EPI_ISL_441460|Original|hCoV-19\^\^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spice|hCoV-19/USA/CA-CZB-4069/2020|2020-08-05|EPI_ISL_548674|Original|hCoV-19\^\^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spice|hCoV-19/England/MILK-9C6F1F/2020|2020-09-08|EPI_ISL_573268|Original|hCoV-19\^\^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust | North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spicke|hCoV-19/Denmark/DGCC-12245/2020|2020-11-16|EPI_ISL_682426|Original|hCoV-19\^\^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Mjaehlsen|Denmark

>Spice|hCoV-19/England/ALDP-B4865B/2020|2020-11-14|EPI_ISL_675923|Original|hCoV-19\^\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spicke|hCoV-19/England/ALDP-B48FE6/2020|2020-11-07|EPI_ISL_649371|Original|hCoV-19\^\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spicke|hCoV-19/England/CAMC-B37CF2/2020|2020-11-05|EPI_ISL_658836|Original|hCoV-19\^\^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spicke|hCoV-19/England/CAMB-7BB69/2020|2020-04-04|EPI_ISL_442166|Original|hCoV-19\^\^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spicke|hCoV-19/South Africa/KRISP-K003355/2020|2020-09-06|EPI_ISL_602746|Original|hCoV-19\^\^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spice|hCoV-19/Wales/PHWC-4A0A2E/2020|2020-12-10|EPI_ISL_743530|Original|hCoV-19\^\^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spice|hCoV-19/England/OXON-B2F9/2020|2020-03-24|EPI_ISL_534830|Original|hCoV-19\^\^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spicke|hCoV-19/Denmark/DGCC-6525/2020|2020-10-05|EPI_ISL_619425|Original|hCoV-19\^\^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Mjaehlsen|Denmark
>Spike|hCoV-19/USA/FL-BPHL-0976/2020|2020-07-29|EPI_ISL_517866|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/USA/MO-WUSTL050/2020|2020-06-19|EPI_ISL_493077|Original|hCoV-19^^Missouri|Human|Washington University in St. Louis|Washington University in St. Louis|Tahan|USA
>Spike|hCoV-19/England/CAMC-B07B76/2020|2020-10-29|EPI_ISL_643829|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WA-S1149/2020|2020-05-05|EPI_ISL_463639|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
>Spike|hCoV-19/England/QUEH-A21EC9/2020|2020-10-01|EPI_ISL_587618|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Northern Ireland/NIRE-234B79/2020|2020-10-14|EPI_ISL_764392|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
>Spike|hCoV-19/Belgium/UZL-10312/2020|2020-07-27|EPI_ISL_540479|Original|hCoV-19^^Liège|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
>Spike|hCoV-19/England/ALDP-982C09/2020|2020-08-10|EPI_ISL_552464|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-5593/2020|2020-06-19|EPI_ISL_544887|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/QUEH-96B987/2020|2020-08-14|EPI_ISL_531453|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/NORT-292001/2020|2020-05-07|EPI_ISL_478607|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/England/MLIK-C517A5/2020|2020-12-07|EPI_ISL_769545|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WI-UW-1993/2020|2020-09-25|EPI_ISL_677401|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/USA/TX-HMH-4504/2020|2020-06-19|EPI_ISL_543674|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Denmark/DGCC-22157/2020|2020-12-14|EPI_ISL_758592|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/SHEF-CE244/2020|2020-04-03|EPI_ISL_442442|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/England/ALDP-B741CD/2020|2020-11-12|EPI_ISL_664909|Original|hCoV-19^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spik$hCoV-19/Hungary/mb149/2020|2020-03-20|EPI_ISL_416744|Original|hCoV-19^Baranya|Human|Virological Research Group|Bioinformatics Research Group|Herczeg|Hungary
>Spik$hCoV-19/England/BIRM-61EE5/2020|2020-03-27|EPI_ISL_529223|Original|hCoV-19^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom
>Spik$hCoV-19/England/NORT-2885E1/2020|2020-12-06|EPI_ISL_725026|Original|hCoV-19^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashford|England
>Spik$hCoV-19/India/MH-NCCS-NR2307/2020|2020-05-22|EPI_ISL_496577|Original|hCoV-19^Maharashtra|Human|National Centre For Cell Science|National Centre For Cell Science|Paul|India
>Spik$hCoV-19/England/ALDP-CBB845/2020|2020-12-16|EPI_ISL_756458|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik$hCoV-19/England/LOND-D3543/2020|2020-03-27|EPI_ISL_440954|Original|hCoV-19^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spik$hCoV-19/USA/TX-DSHS-1058/2020|2020-06-15|EPI_ISL_628726|Original|hCoV-19^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spik$hCoV-19/Denmark/DGCC-22168/2020|2020-12-14|EPI_ISL_758082|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Madsen|Denmark
>Spik$hCoV-19/Thailand/Bangkok-CONI-0213/2020|2020-03-18|EPI_ISL_512863|Original|hCoV-19^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONTI) Alliance|Wienecke|Thailand
>Spik$hCoV-19/Luxembourg/LNS4820229/2020|2020-10-27|EPI_ISL_744140|Original|hCoV-19^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Baldacchino|Luxembourg
>Spik$hCoV-19/USA/WA-QDX-573/2020|2020-03-18|EPI_ISL_571406|Original|hCoV-19^Washington|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spik$hCoV-19/England/QEUH-BA3909/2020|2020-11-18|EPI_ISL_720961|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik$hCoV-19/Scotland/QEUH-9C8751/2020|2020-09-15|EPI_ISL_576042|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik$hCoV-19/Scotland/EDB972/2020|2020-04-05|EPI_ISL_432893|Original|hCoV-19^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spik$hCoV-19/USA/TX-HMH-MCoV-8821/2020|2020-07-02|EPI_ISL_780774|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik$hCoV-19/England/ALDP-C3D9F4/2020|2020-12-10|EPI_ISL_730890|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik$hCoV-19/Denmark/DGCC-7058/2020|2020-10-12|EPI_ISL_619114|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Madsen|Denmark
>Spik$hCoV-19/Japan/PG-1449/2020|2020-04-00|EPI_ISL_685056|Original|hCoV-19^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Kmizu|Japan
>Spik$hCoV-19/England/BRIS-12D9B6/2020|2020-05-07|EPI_ISL_481928|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike\hCoV-19/Wales/PHWC-489083/2020|2020-10-26|EPI-ISL_637884|Original|hCoV-19\^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spitke\hCoV-19/USA/TX-HMH-1035/2020|2020-04-05|EPI-ISL_542502|Original|hCoV-19\^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spitke\hCoV-19/England/MILK-C6397D/2020|2020-12-13|EPI-ISL_735802|Original|hCoV-19\^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spitke\hCoV-19/England/ALDP-B241F9/2020|2020-11-04|EPI-ISL_646813|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spitke\hCoV-19/Canada/ON-PHL-20-01201/2020|2020-06-06|EPI-ISL_548823|Original|hCoV-19\^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spitke\hCoV-19/India/MH-NIV-65880/2020|2020-06-16|EPI-ISL_479571|Original|hCoV-19\^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spitke\hCoV-19/Wales/PHWC-4A3A85/2020|2020-12-11|EPI-ISL_764600|Original|hCoV-19\^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spitke\hCoV-19/Wales/PHWC-342A3/2020|2020-04-20|EPI-ISL_446896|Original|hCoV-19\^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spitke\hCoV-19/Australia/VIC11595/2020|2020-07-26|EPI-ISL_563424|Original|hCoV-19\^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spitke\hCoV-19/Wales/PHWC-47E054/2020|2020-09-25|EPI-ISL_595397|Original|hCoV-19\^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spitke\hCoV-19/USA/UT-UPHL-2012724092/2020|2020-10-26|EPI-ISL_746220|Original|hCoV-19\^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spitke\hCoV-19/Japan/PG-3677/2020|2020-04-00|EPI-ISL_691930|Original|hCoV-19\^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spitke\hCoV-19/USA/CA-CZB-14249/2020|2020-08-25|EPI-ISL_738531|Original|hCoV-19\^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spitke\hCoV-19/England/SHEF-C5B5E4/2020|2020-03-27|EPI-ISL_432510|Original|hCoV-19\^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spitke\hCoV-19/Netherlands/FR-RIVM-20204/2020|2020-11-26|EPI-ISL_723357|Original|hCoV-19\^Friesland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spitke\hCoV-19/Denmark/DGCC-17047/2020|2020-12-14|EPI-ISL_750729|Original|hCoV-19\^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelesen|Denmark

>Spitke\hCoV-19/Denmark/DGCC-7693/2020|2020-10-19|EPI-ISL_618621|Original|hCoV-19\^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelesen|Denmark

>Spitke\hCoV-19/Denmark/DGCC-8995/2020|2020-10-26|EPI-ISL_626170|Original|hCoV-19\^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelesen|Denmark

>Spitke\hCoV-19/USA/MI-UM-10036535827/2020|2020-10-20|EPI-ISL_640157|Original|hCoV-19\^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>Spike|hCoV-19/USA/CA-SEARCH-5534/2020|2020-11-23|EPI_ISL_755281|Original|hCoV-19|California|Human|San Diego County Public Health Laboratory; Andersen lab at Scripps Research; Gangavarapu; USA

>Spicke|hCoV-19/South Africa/KRISP-K003733/2020|2020-10-06|EPI_ISL_602911|Original|hCoV-19|Zimbabwe|Human|KwaZulu-Natal; Human; NHLS-IALCH; KRISP; de Oliveira; South Africa

>Spicke|hCoV-19/Australia/WA423/2020|2020-03-25|EPI_ISL_672635|Original|hCoV-19|Western Australia|Human; PathWest Laboratory Medicine WA; PathWest Laboratory Medicine WA Microbial Surveillance Unit; Sikazwe; Australia

>Spicke|hCoV-19/England/MILK-ACE9CD/2020|2020-10-22|EPI_ISL_629516|Original|hCoV-19|England|Human; Lighthouse Lab in Milton Keynes; Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium; Davies; United Kingdom

>Spicke|hCoV-19/USA/WA-S2610/2020|2020-06-18|EPI_ISL_497242|Original|hCoV-19|England|Human; Washington State Department of Health; Seattle Flu Study; Lee; USA

>Spicke|hCoV-19/Finland/7LS2AG5/2020|2020-10-07|EPI_ISL_756031|Original|hCoV-19|Finland

>Spicke|hCoV-19/England/MILK-9A558D/2020|2020-09-03|EPI_ISL_550149|Original|hCoV-19|England|Human; Lighthouse Lab in Milton Keynes; Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium; Davies; United Kingdom

>Spicke|hCoV-19/USA/TX-HMH-5661/2020|2020-06-24|EPI_ISL_544943|Original|hCoV-19|Texas|Human; Houston Methodist Hospital; Houston Methodist Hospital; Long; USA

>Spicke|hCoV-19/England/ECAMC-9C03A0/2020|2020-09-09|EPI_ISL_573183|Original|hCoV-19|England; Human; Oxford Viromics; COVID-19 Genomics UK (COG-UK) Consortium; Golubchik; United Kingdom

>Spicke|hCoV-19/Spain/IVB-001534/2020|2020-03-16|EPI_ISL_467109|Original|hCoV-19|Spain

>Spicke|hCoV-19/USA/CA-SEARCH-9695A3/2020|2020-08-12|EPI_ISL_531092|Original|hCoV-19|Basque Country; Human; Hospital Universitario Araba. Vitória-Gasteiz; SeqCOVID-SPAIN consortium/IBV(CSIC); Comas; Spain

>Spicke|hCoV-19/USA/WA-S448/2020|2020-04-01|EPI_ISL_434208|Original|hCoV-19|Washington; Human; Washington State Department of Health; Seattle Flu Study; Bedford; USA

>Spicke|hCoV-19/Chile/RM-CMM-0184M/2020|2020-05-20|EPI_ISL_629013|Original|hCoV-19|Chile; Human; Centro de Biotecnolog\u00eda Vegetal; Center for Mathematical Modeling and Center for Genome Regulation. Santiago; Palma \Vu00e9jares; Chile

>Spicke|hCoV-19/England/QUEUH-9695A3/2020|2020-08-12|EPI_ISL_531092|Original|hCoV-19|England; Human; Lighthouse Lab in Glasgow; Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium; Davies; United Kingdom

>Spicke|hCoV-19/Denmark/DCGC-8667/2020|2020-10-26|EPI_ISL_625977|Original|hCoV-19|Sjaelland; Human; Department of Virus and Microbiological Special Diagnostics; Albertsen lab; Michaelsen; Denmark

>Spicke|hCoV-19/England/QUEUH-B12AE4/2020|2020-11-02|EPI_ISL_642503|Original|hCoV-19|England; Human; Lighthouse Lab in Glasgow; Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium; Davies; United Kingdom

>Spicke|hCoV-19/England/CMAB-1B05E1/2020|2020-05-11|EPI_ISL_452898|Original|hCoV-19|England; Human; Department of Pathology; COVID-19 Genomics UK (COG-UK) Consortium; Meredith; United Kingdom

>Spicke|hCoV-19/England/MILK-B55186/2020|2020-11-06|EPI_ISL_658039|Original|hCoV-19|England; Human; Lighthouse Lab in Milton Keynes; Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium; Davies; United Kingdom

>Spicke|hCoV-19/Wuhan/HH-WH5-220/2020|2020-02-20|EPI_ISL_454965|Original|hCoV-19|Hubei; Human; Wuhan Chain Medical Labs (CMLabs); State Key Laboratory of Biotherapy of Sichuan University; Tang; China

>Spicke|hCoV-19/Japan/PG-7003/2020|2020-09-09|EPI_ISL_688108|Original|hCoV-19|Japan; Human; Pathogen Genomics Center; Pathogen Genomics Center; Sekizuka; Japan

>Spicke|hCoV-19/Zimbabwe/ZW-7003/2020|2020-05-01|EPI_ISL_644811|Original|hCoV-19|Zimbabwe|Human; National Microbiology Reference Laboratory; Quadram Institute Bioscience; Alikhan; Zimbabwe
Spike|hCoV-19|USA/VA-DCLS-1497/2020|2020-07-27|EPI_ISL_581569|Original|hCoV-19|Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

Spike|hCoV-19|Denmark/DGCC-13265/2020|2020-11-30|EPI_ISL_712690|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsens Lab|Michaelsen|Denmark

Spike|hCoV-19|England/ALDP-B1A64/2020|2020-11-01|EPI_ISL_647506|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19|England/CA-MC-B7A2A6/2020|2020-11-12|EPI_ISL_741094|Original|hCoV-19|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

Spike|hCoV-19|Denmark/DGCC-1411/2020|2020-04-27|EPI_ISL_622471|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsens lab|Michaelsen|Denmark

Spike|hCoV-19|USA/HI-H200561/2020|2020-10-24|EPI_ISL_753089|Original|hCoV-19|Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

Spike|hCoV-19|USA/CA-SEARCH-5362/2020|2020-12-12|EPI_ISL_755174|Original|hCoV-19|California|Human|UCSD EXCITE lab|Andersen lab at Scripps Research|Gangavarapu|USA

Spike|hCoV-19|Brazil/RJ-00548/2020|2020-10-29|EPI_ISL_717932|Original|hCoV-19|Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

Spike|hCoV-19|England/MILK-B3B308/2020|2020-11-01|EPI_ISL_679752|Original|hCoV-19|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

Spike|hCoV-19|Brazil/SP-275/2020|2020-03-20|EPI_ISL_524463|Original|hCoV-19|S\u00e0o Paulo|Human|Hospital Regional de Cotia|Instituto Adolfo Lutz|Sacchi|Brazil

Spike|hCoV-19|Scotland/EDB2176/2020|2020-04-20|EPI_ISL_439172|Original|hCoV-19|Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

Spike|hCoV-19|USA/TX-HMH-MCoV-14926/2020|2020-10-15|EPI_ISL_786410|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19|Hungary/UD-93945/2020|2020-10-08|EPI_ISL_671490|Original|hCoV-19|Hajd\u00fa-Bihar county|Human|University of Debrecen|National Laboratory of Virology|Kemenesi|Hungary

Spike|hCoV-19|England/LIVE-9E2F2/2020|2020-04-03|EPI_ISL_453286|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

Spike|hCoV-19|England/ALDP-A70195/2020|2020-10-15|EPI_ISL_608120|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|India/DL-IGIB11305072/2020|2020-08-00|EPI_ISL_751285|Original|hCoV-19|Delhi|Human|Devki Devi Foundation|CSIR-IGIB/Max|Pandey|India

Spike|hCoV-19|Canada/BC_18114270/2020|2020-03-00|EPI_ISL_462754|Original|hCoV-19|British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

Spike|hCoV-19|Denmark/DGCC-16165/2020|2020-11-16|EPI_ISL_714188|Original|hCoV-19|Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsens Lab|Michaelsen|Denmark

Spike|hCoV-19|Japan/PG-4903/2020|2020-08-00|EPI_ISL_690024|Original|hCoV-19|Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

Spike|hCoV-19|England/NORW-EFA63/2020|2020-00-00|EPI_ISL_549384|Original|hCoV-19|England|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

Spike|hCoV-19|Scotland/CVR4516/2020|2020-09-21|EPI_ISL_585377|Original|hCoV-19|Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

Spike|hCoV-19|Holland/EDB2176/2020|2020-04-20|EPI_ISL_439172|Original|hCoV-19|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spike|hCoV-19/Northern Ireland/NIRE-108FCE/2020|2020-10-20|EPI_ISL_652306|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
>Spik|hCoV-19/USA/TX-HMH-MoCoV-13142/2020|2020-08-26|EPI_ISL_788293|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19/Canada/BC-BCCDC-8398/2020|2020-11-00|EPI_ISL_740774|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada
>Spik|hCoV-19/USA/MI-MDHH-SC21255/2020|2020-04-05|EPI_ISL_507510|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spik|hCoV-19/Australia/VIC10359/2020|2020-07-31|EPI_ISL_562888|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spik|hCoV-19/Wales/PHWC-47DE3D/2020|2020-10-11|EPI_ISL_595368|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik|hCoV-19/USA/NY-NYCPHL-000076/2020|2020-03-11|EPI_ISL_631569|Original|hCoV-19^^New York|Human|New York Presbyterian Queens|New York City Public Health Laboratory|Wang|USA
>Spik|hCoV-19/England/QEUH-963E71/2020|2020-08-12|EPI_ISL_531486|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Malaysia/3703/2020|2020-03-31|EPI_ISL_501208|Original|hCoV-19^^Kuala Lumpur|Human|Department of Medical Microbiology|Department of Medical Microbiology|Chan|Malaysia
>Spik|hCoV-19/England/CAMB-1BAD49/2020|2020-11-12|EPI_ISL_664795|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spik|hCoV-19/Wales/PHWC-496F59/2020|2020-11-25|EPI_ISL_726753|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik|hCoV-19/Scotland/CVR5316/2020|2020-10-22|EPI_ISL_651753|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spik|hCoV-19/England/202881382/2020|2020-06-22|EPI_ISL_491716|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spik|hCoV-19/England/QEUH-B2D257/2020|2020-11-04|EPI_ISL_659771|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/USA/TX-HMH-4881/2020|2020-06-21|EPI_ISL_544400|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19/England/MLK-9735B5/2020|2020-08-20|EPI_ISL_575838|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Canada/ON-PHL-20-03671/2020|2020-11-00|EPI_ISL_775157|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada
>Spik|hCoV-19/England/MLK-99433C/2020|2020-08-25|EPI_ISL_551601|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/ALDP-BBB31F/2020|2020-11-21|EPI_ISL_701735|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/USA/CA-CZB-10120/2020|2020-06-23|EPI_ISL_672221|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA
>Spik|hCoV-19/Denmark/DGCC-16113/2020|2020-11-16|EPI_ISL_714589|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Denmark/DCGC-2316/2020|2020-08-10|EPI_ISL_617653|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/England/ALDP-94E39B/2020|2020-06-17|EPI_ISL_555315|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Canada/ON-PHL-20-01239/2020|2020-06-06|EPI_ISL_548861|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada
>Spike|hCoV-19/England/ALDP-B24232/2020|2020-11-04|EPI_ISL_646851|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-9BE40C/2020|2020-09-10|EPI_ISL_568011|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Singapore/1411/2020|2020-07-20|EPI_ISL_648681|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore
>Spike|hCoV-19/England/QEUH-9C97F/2020|2020-09-10|EPI_ISL_567292|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-10439/2020|2020-07-08|EPI_ISL_789477|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/OXON-B0D53/2020|2020-04-18|EPI_ISL_478960|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/England/ALDP-A87D97/2020|2020-10-17|EPI_ISL_605941|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-9B514A/2020|2020-09-07|EPI_ISL_590378|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Switzerland/ZH-OUH-1000477796/2020|2020-02-29|EPI_ISL_413022|Original|hCoV-19^^Zurich|Human|Division of Infectious Diseases|Institute of Medical Virology|Huber|Switzerland
>Spike|hCoV-19/Japan/PG-4039/2020|2020-07-00|EPI_ISL_692280|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
>Spike|hCoV-19/Germany/HH-mpi-p2332/2020|2020-03-28|EPI_ISL_776444|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany
>Spike|hCoV-19/Australia/VIC5437/2020|2020-07-15|EPI_ISL_520188|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/ALDP-A50896/2020|2020-10-07|EPI_ISL_597527|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-4A06DF/2020|2020-12-08|EPI_ISL_743482|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Netherlands/NB-EMC-215/2020|2020-06-07|EPI_ISL_523338|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spice|hCoV-19/Scotland/QEUH-9D1096/2020|2020-09-16|EPI_ISL_577376|Original|hCoV-19^^Scotland|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spice|hCoV-19/England/ALDP-A960BA/2020|2020-10-19|EPI_ISL_624872|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spice|hCoV-19/England/CAMC-A284BA/2020|2020-10-12|EPI_ISL_610707|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spice|hCoV-19/Shangrao/JX1177/2020|2020-02-03|EPI_ISL_421250|Original|hCoV-19^^Jiangxi|Human|Jiangxi Province Center for Disease Control and Prevention|Jiangxi Province Center for Disease Control and Prevention|Xiong|China
>Spice|hCoV-19/Denmark/DCGC-281I/2020|2020-08-17|EPI_ISL_616647|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaellsen|Denmark
>Spice|hCoV-19/Scotland/QEUH-AA05BE/2020|2020-10-21|EPI_ISL_666089|Original|hCoV-19^^Scotland|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spice|hCoV-19/England/ALDP-955944/2020|2020-06-12|EPI_ISL_554604|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spice|hCoV-19/USA/NY-Wadsworth-74236-01/2020|2020-04-23|EPI_ISL_676892|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
>Spice|hCoV-19/Denmark/DCGC-1705I/2020|2020-12-14|EPI_ISL_750395|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaellsen|Denmark
>Spice|hCoV-19/Portugal/PT0206/2020|2020-03-30|EPI_ISL_453920|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal
>Spice|hCoV-19/Lithuania/MR-LUHS-Eilnr40/2020|2020-04-07|EPI_ISL_541857|Original|hCoV-19^^Marijampoles apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania
>Spice|hCoV-19/England/QEUH-A338B7/2020|2020-10-05|EPI_ISL_628413|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spice|hCoV-19/USA/CA-SR0376/2020|2020-04-13|EPI_ISL_458258|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spice|hCoV-19/USA/WI-UW-177/2020|2020-03-20|EPI_ISL_428273|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA
>Spice|hCoV-19/England/ALDP-B5BE6B/2020|2020-11-09|EPI_ISL_655757|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spice|hCoV-19/Denmark/DCGC-22103/2020|2020-12-14|EPI_ISL_758552|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaellsen|Denmark
>Spice|hCoV-19/Denmark/DCGC-8588/2020|2020-10-26|EPI_ISL_625873|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaellsen|Denmark
>Spice|hCoV-19/Spain/AN-IVB-001163/2020|2020-03-25|EPI_ISL_452573|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiologia\u00eda y Parasitologia\u00eda cl\u00edaednica. UCEIMP. Hospital Universitario Virgen del Roc\u00eda/IBS/CSIC/US.|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
>Spike|hCoV-19/USA/TX-HMH-MCoV-11144/2020|2020-09-01|EPI_ISL_789715|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spine|hCoV-19/Wales/PHWC-49736/2020|2020-11-29|EPI_ISL_725933|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spine|hCoV-19/USA/FL-BPHL-0941/2020|2020-07-16|EPI_ISL_517831|Original|hCoV-19^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spine|hCoV-19/Spain/MD-HLP-R50/2020|2020-04-20|EPI_ISL_530100|Original|hCoV-19^Spain|Human|Hospital Universitario Ramu00f1o de la Princesa|Hospital Universitario La Paz|Viedma|Spain
>Spine|hCoV-19/Netherlands/GE-EMC-262/2020|2020-05-22|EPI_ISL_523241|Original|hCoV-19^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spine|hCoV-19/Wales/PHWC-48B230/2020|2020-10-29|EPI_ISL_666210|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spine|hCoV-19/Ireland/WW-NVRL-24052/2020|2020-03-10|EPI_ISL_418584|Original|hCoV-19^Ireland|Human|UCD National Virus Reference Laboratory|UCD National Virus Reference Laboratory|Gonzalez|Ireland
>Spine|hCoV-19/USA/LA-EVT1342/2020|2020-12-11|EPI_ISL_779008|Original|hCoV-19^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbiol Genome Sequencing Center|Kamil|USA
>Spine|hCoV-19/Wales/PHWC-4983B5/2020|2020-12-01|EPI_ISL_727066|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spine|hCoV-19/Scotland/CVR6001/2020|2020-11-18|EPI_ISL_680452|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spine|hCoV-19/USA/CA-ALSR-2290/2020|2020-07-07|EPI_ISL_635414|Original|hCoV-19^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spine|hCoV-19/England/ALDP-A2F872/2020|2020-10-05|EPI_ISL_587219|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spine|hCoV-19/Scotland/QUEHU-AAC619/2020|2020-10-21|EPI_ISL_652860|Original|hCoV-19^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spine|hCoV-19/England/LIVE-A4745/2020|2020-03-11|EPI_ISL_500038|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spine|hCoV-19/Belgium/rega-0418529/2020|2020-04-18|EPI_ISL_734622|Original|hCoV-19^Belgium|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Spine|hCoV-19/Japan/PG-0228/2020|2020-03-01|EPI_ISL_684146|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spine|hCoV-19/Russia/KDA-RII-MH4818S/2020|2020-10-03|EPI_ISL_733266|Original|hCoV-19^Krasnodar Krai|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Spine|hCoV-19/Japan/PG-8414/2020|2020-08-08|EPI_ISL_687513|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spine|hCoV-19/England/BRIS-12B52D/2020|2020-05-21|EPI_ISL_487596|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spine|hCoV-19/Scotland/CVR137/2020|2020-03-16|EPI_ISL_425680|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spine|hCoV-19/USA/AK-PHL1002/2020|2020-07-08|EPI_ISL_528485|Original|hCoV-19^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Drown|USA
>Spike|hCoV-19/England/ALDP-B1A457/2020|2020-10-31|EPI_ISL_647741|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHPW-29C85/2020|2020-04-05|EPI_ISL_432247|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/USA/VA-DCLS-2320/2020|2020-11-17|EPI_ISL_734255|Original|hCoV-19
^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|[Virginia Division of Consolidated Laboratory Services (DCLS)]|St. Jacobs|USA
>Spike|hCoV-19/USA/WA-S1269/2020|2020-05-11|EPI_ISL_495719|Original|hCoV-19
^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spike|hCoV-19/South Africa/KRISP-K000578/2020|2020-07-13|EPI_ISL_509234|Original|hCoV-19
^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
>Spike|hCoV-19/Wales/MILK-99DD9F/2020|2020-08-30|EPI_ISL_602149|Original|hCoV-19
^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WA-UW221/2020|2020-03-14|EPI_ISL_417370|Original|hCoV-19
^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/USA/ME-HETL-J0138/2020|2020-09-08|EPI_ISL_755333|Original|hCoV-19
^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA
>Spike|hCoV-19/USA/tx-HMH-2328/2020|2020-05-31|EPI_ISL_545247|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Scotland/EDB3837/2020|2020-04-30|EPI_ISL_439335|Original|hCoV-19
^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spike|hCoV-19/USA/WI-WSLH-200590/2020|2020-04-03|EPI_ISL_631392|Original|hCoV-19
^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA
>Spike|hCoV-19/USA/WI-UW-2311/2020|2020-10-10|EPI_ISL_728077|Original|hCoV-19
^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/England/LOND-12507AD/2020|2020-10-26|EPI_ISL_665232|Original|hCoV-19
^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom
>Spike|hCoV-19/Japan/PG-8063/2020|2020-07-00|EPI_ISL_687164|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/USA/TX-HMH-6882/2020|2020-06-25|EPI_ISL_546317|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/QEUH-A33978/2020|2020-10-05|EPI_ISL_628418|Original|hCoV-19
^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/USA/AZ-TG648687/2020|2020-04-10|EPI_ISL_695893|Original|hCoV-19
^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA
>Spike|hCoV-19/England/ALDP-B23D14/2020|2020-11-04|EPI_ISL_646245|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/NM-NMDOH-2020328523/2020|2020-09-03|EPI_ISL_569656|Original|hCoV-19
^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA
>Spike|hCoV-19/USA/TX-HMH-MCoV-11766/2020|2020-09-07|EPI_ISL_789886|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Japan/PG-4126/2020|2020-07-00|EPI_ISL_692365|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/USA/NY-Wadsworth-25458-01/2020|2020-03-21|EPI_ISL_525625|Original|hCoV-19
^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA
| Location      | Organism | Source                                                                 |
|--------------|----------|------------------------------------------------------------------------|
| England      | hCoV-19  | Lighthouse Lab in Milton Keynes, Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium, Davies, United Kingdom |
| Northern Ireland | hCoV-19 | Region Virology Laboratory, Centre for Genomic Research (CGR), University of Glasgow, Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium, Davies, United Kingdom |
| California   | hCoV-19  | Innovative Genomics Institute, UK, Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium, Davies, United Kingdom |
| Michigan     | hCoV-19  | Michigan Department of Health and Human Services, Michigan |
| Scotland     | hCoV-19  | West of Scotland Specialist Virology Centre, Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium, Davies, United Kingdom |
| Wales        | hCoV-19  | University College London, Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium, Davies, United Kingdom |
| New York     | hCoV-19  | Wadsworth Center, Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium, Davies, United Kingdom |

The table above lists the locations and organizations involved in the reporting of the SARS-CoV-2 virus, specifically highlighting the hCoV-19 strain. Each entry includes the location, the organism (hCoV-19), and the source of the report. The reports are from various regions, including England, Northern Ireland, California, Michigan, Scotland, Wales, New York, and others, involved in the COVID-19 Genomics UK (COG-UK) consortium.
>Spike|hCoV-19/England/QEUH-B6ADE4/2020|2020-11-11|EPI_ISL_662366|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Sp>ike|hCoV-19/Spain/AR-IBV-98008086/2020|2020-10-07|EPI_ISL_654415|Original|hCoV-19^Aragon|Human|Servicio de Microbiolog\"u00eda|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
>Sp>ike|hCoV-19/England/CAMC-B21280/2020|2020-11-02|EPI_ISL_647754|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Sp>ike|hCoV-19/Scotland/QEUH-A4AAB7/2020|2020-10-08|EPI_ISL_595969|Original|hCoV-19^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Sp>ike|hCoV-19/England/QEUH-49F864/2020|2020-09-07|EPI_ISL_566892|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp>ike|hCoV-19/England/MILK-AC8F2B/2020|2020-10-22|EPI_ISL_629751|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp>ike|hCoV-19/England/QEUH-ChVir1946/2020|2020-08-05|EPI_ISL_729488|Original|hCoV-19^England|Human|Charit\u00e4tsmedizin Berlin|Muehlemann|Germany
>Sp>ike|hCoV-19/Austria/CeMM0877/2020|2020-05-06|EPI_ISL_583739|Original|hCoV-19^Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria
>Sp>ike|hCoV-19/Norway/4047/2020|2020-10-02|EPI_ISL_635125|Original|hCoV-19^Innlandet|Human|Innlandet Hospital Trust|Norwegian Institute of Public Health|Vollan|Norway
>Sp>ike|hCoV-19/England/QEUH-9F83BE/2020|2020-09-27|EPI_ISL_595735|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Sp>ike|hCoV-19/Germany/BRIS-12A46D/2020|2020-04-29|EPI_ISL_469527|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp>ike|hCoV-19/Wales/PHWC-49F864/2020|2020-12-08|EPI_ISL_743279|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Sp>ike|hCoV-19/England/QEUH-54D600/2020|2020-05-12|EPI_ISL_533432|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
- Spike|hCoV-19/England/20104015302/2020|2020-03-01|EPI_ISL_417236|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
- Spike|hCoV-19/Switzerland/SG-ETHZ-300321/2020|2020-09-25|EPI_ISL_603353|Original|hCoV-19^St Gallen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
- Spike|hCoV-19/England/ALDP-B835CF/2020|2020-11-15|EPI_ISL_675460|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
- Spike|hCoV-19/Japan/PG-4974/2020|2020-08-08|EPI_ISL_690092|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
- Spike|hCoV-19/England/LIVE-DB12FC/2020|2020-10-22|EPI_ISL_637329|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Mardenby|United Kingdom
- Spike|hCoV-19/England/MILK-9EE5E2/2020|2020-09-23|EPI_ISL_580669|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
- Spike|hCoV-19/Scotland/QEUH-A9F00C/2020|2020-10-20|EPI_ISL_625334|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
- Spike|hCoV-19/England/MILK-A6AEB5/2020|2020-10-09|EPI_ISL_608724|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
- Spike|hCoV-19/Belgium/ULG-9620/2020|2020-03-22|EPI_ISL_418650|Original|hCoV-19^Li|u00e8neke|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
- Spike|hCoV-19/England/NORW-22115F/2020|2020-12-16|EPI_ISL_764447|Original|hCoV-19^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Amato|United Kingdom
- Spike|hCoV-19/England/ALDP-A943D1/2020|2020-10-19|EPI_ISL_611013|Original|hCoV-19^Auvergne-Rh\u00f4ne-Alpes|Human|Laboratoire de virologie|CNR Virus des Infections Respiratoires - France SUD|Bal|France
- Spike|hCoV-19/England/QEUH-95FA74/2020|2020-08-06|EPI_ISL_532433|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
- Spike|hCoV-19/England/CAMB-75E57/2020|2020-03-28|EPI_ISL_438497|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
- Spike|hCoV-19/England/ARa-SC196/2020|2020-04-28|EPI_ISL_700369|Original|hCoV-19^Auvergne-Rh\u00f4ne-Alpes|Human|Laboratoire de virologie|CNR Virus des Infections Respiratoires - France SUD|Bal|France
- Spike|hCoV-19/England/ALDP-A943D1/2020|2020-10-19|EPI_ISL_611013|Original|hCoV-19^Auvergne-Rh\u00f4ne-Alpes|Human|Laboratoire de virologie|CNR Virus des Infections Respiratoires - France SUD|Bal|France
- Spike|hCoV-19/Belgium/ULG-9620/2020|2020-03-22|EPI_ISL_418650|Original|hCoV-19^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
- Spike|hCoV-19/France/PDL-SC631/2020|2020-04-02|EPI_ISL_649180|Original|hCoV-19^Pays-de-la-Loire|Human|CHU Nantes|CNR Virus des Infections Respiratoires - France SUD|Bal|France
- Spike|hCoV-19/France/ARa-19556/2020|2020-04-03|EPI_ISL_508979|Original|hCoV-19^Auvergne-Rh\u00f4ne-Alpes|Human|Laboratoire de virologie|CNR Virus des Infections Respiratoires - France SUD|Bal|France
- Spike|hCoV-19/Luxembourg/LNS6229527/2020|2020-11-01|EPI_ISL_744385|Original|hCoV-19^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
- Spike|hCoV-19/France/FR-SC631/2020|2020-04-02|EPI_ISL_649180|Original|hCoV-19^Pays-de-la-Loire|Human|CHU Nantes|CNR Virus des Infections Respiratoires - France SUD|Bal|France
- Spike|hCoV-19/France/ARa-SC196/2020|2020-04-28|EPI_ISL_700369|Original|hCoV-19^Auvergne-Rh\u00f4ne-Alpes|Human|Laboratoire de virologie|CNR Virus des Infections Respiratoires - France SUD|Bal|France
- Spike|hCoV-19/South Africa/KRISP-K002715/2020|2020-07-30|EPI_ISL_535572|Original|hCoV-19^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
- Spike|hCoV-19/Africa/BPHL-1147/2020|2020-08-18|EPI_ISL_526633|Original|hCoV-19^Florida|Human|Florida Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
- Spike|hCoV-19/England/NOTT-11CSA7/2020|2020-11-16|EPI_ISL_652406|Original|hCoV-19^England|Human|Queen's Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
- Spike|hCoV-19/Japan/PG-2191/2020|2020-04-04|EPI_ISL_685796|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Scotland/QEUH-9BA628/2020|2020-09-09|EPI_ISL_573820|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spke|hCoV-19/Wales/PHWC-16535A/2020|2020-04-22|EPI_ISL_479454|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spke|hCoV-19/SaudiArabia/KAUST-JEDDAH589/2020|2020-04-21|EPI_ISL_512979|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia
>Spke|hCoV-19/Germany/Hamburg/University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany
>Spke|hCoV-19/England/QEUH-BC400D/2020|2020-11-24|EPI_ISL_703703|Original|hCoV-19^^England|Human|Lighthouse Lab in Edinburgh|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19/England/QEUH-9DD04F/2020|2020-09-21|EPI_ISL_599784|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/England/MILK-BB171D/2020|2020-11-18|EPI_ISL_720271|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19/England/QEUH-9DD04F/2020|2020-09-21|EPI_ISL_599784|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/England/MILK-B3D069/2020|2020-11-02|EPI_ISL_706216|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spke|hCoV-19/England/CAMB-732E4/2020|2020-03-21|EPI_ISL_440244|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spke|hCoV-19/Scotland/76327/2020|2020-11-00|EPI_ISL_732866|Original|hCoV-19^^Scotland|Human|genXone SA|genXone SA|Poland
>Spke|hCoV-19/Australia/VIC10538/2020|2020-09-07|EPI_ISL_562952|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spke|hCoV-19/England/MILK-1229EE/2020|2020-04-03|EPI ISL_440741|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spke|hCoV-19/Scotland/76327/2020|2020-11-00|EPI_ISL_732866|Original|hCoV-19^^Scotland|Human|genXone SA|genXone SA|Kaszuba|Poland
>Spke|hCoV-19/Australia/VIC10538/2020|2020-09-07|EPI_ISL_562952|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spke|hCoV-19/Scotland/QEUH-9BA628/2020|2020-09-09|EPI_ISL_573820|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spke|hCoV-19/England/WA-S278/2020|2020-03-17|EPI_ISL_430132|Original|hCoV-19^^England|Human|Seattle Flu Study|Seattle Flu Study|Bedford|USA
>Spke|hCoV-19/Russia/Moscow_PMV5-4/2020|2020-04-08|EPI_ISL_470898|Vero E6|hCoV-19^^Moscow|Human|Pathogenic Microorganisms Variability Laboratory|Pathogenic Microorganisms Variability Laboratory|Shchetinin|Russia
>Spke|hCoV-19/South Africa/KAUST-K001402/2020|2020-07-18|EPI ISL_515885|Original|hCoV-19^^KwaZulu-Natal|Human|Medical Diagnostics Services (MDS)|KRISP|de Oliveira|South Africa
>Spke|hCoV-19/South Africa/SA-hpi-p2387/2020|2020-06-11|EPI ISL_776465|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany
>Spke|hCoV-19/Scotland/QEUH-BC400D/2020|2020-11-24|EPI_ISL_703703|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Edinburgh|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Science | Central Research Institute of Epidemiology | Of The Federal Service on Customers' Rights Protection and Human Well-being | Surveillance | Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology | Samo
>lov | Russia

> Spike | hCoV-19 | Scotland | CVR4687 | 2020 | 2020-09-29 | EPI_ISL_611880 | Original | hCoV-19 | Scotland | Human | West of Scotland Specialist Virology Centre | COVID-19 Genomics UK (COG-UK) | Consortium | Robertson | United Kingdom

> Spike | hCoV-19 | Norway | 6425 | 2020 | 2020-12-01 | EPI_ISL_759988 | Original | hCoV-19 | Rogaland | Human | Dept. of Medical Microbiology | Norwegian Institute of Public Health | Kopperud Riis | Norway

> Spike | hCoV-19 | Japan | PG-1043 | 2020 | 2020-04-00 | EPI_ISL_684653 | Original | hCoV-19 | Japan | Human | Fukuoka Institute of Health and Environmental Sciences | Pathogen Genomics Center | Sekizuka | Japan

> Spike | hCoV-19 | Wales | PHWC-16337A | 2020 | 2020-04-25 | EPI_ISL_473284 | Original | hCoV-19 | Wales | Human | Wales Specialist Virology Centre Sequencing lab | COVID-19 Genomics UK (COG-UK) | Consortium | Moore | United Kingdom

> Spike | hCoV-19 | Hawaii | State Laboratories Division | State Laboratories Division | Sultana | USA

> Spike | hCoV-19 | USA | HI-H200189 | 2020 | 2020-08-09 | EPI_ISL_752748 | Original | hCoV-19 | Hawaii | Human | State Laboratories Division | United States Department of Health and Human Services | Jacob | USA

> Spike | hCoV-19 | Scotland | CVR5208 | 2020 | 2020-10-17 | EPI_ISL_626917 | Original | hCoV-19 | Scotland | Human | West of Scotland Specialist Virology Centre | COVID-19 Genomics UK (COG-UK) | Consortium | Robertson | United Kingdom

> Spike | hCoV-19 | USA | NY-NYUMC702 | 2020 | 2020-03-26 | EPI_ISL_451417 | Original | hCoV-19 | New York | Human | NYU Langone Health | Departments of Pathology and Medicine | Maurano | USA

> Spike | hCoV-19 | USA | MI-MDHHS-SC22291 | 2020 | 2020-11-03 | EPI_ISL_666957 | Original | hCoV-19 | Michigan | Human | Michigan Department of Health and Human Services | Michigan Department of Health and Human Services | Jacob | USA

> Spike | hCoV-19 | Netherlands | NH-RIVM-20580 | 2020 | 2020-12-21 | EPI_ISL_790664 | Original | hCoV-19 | Noord-Holland | Human | Dutch COVID-19 response team | National Institute for Public Health and the Environment | Raven | Netherlands

> Spike | hCoV-19 | England | MILK-9D4F0F | 2020 | 2020-09-18 | EPI_ISL_601523 | Original | hCoV-19 | England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) | consortium | Davies | United Kingdom

> Spike | hCoV-19 | Switzerland | VD-ETHZ-370449 | 2020 | 2020-11-17 | EPI_ISL_693951 | Original | hCoV-19 | Vaud | Human | Viollier AG | Department of Biosystems Science and Engineering | Nadeau | Switzerland

> Spike | hCoV-19 | Scotland | EDB3078 | 2020 | 2020-04-03 | EPI_ISL_489001 | Original | hCoV-19 | Scotland | Human | Virology Department | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) | consortium | Davies | United Kingdom

> Spike | hCoV-19 | England | MILK-9E2E89 | 2020 | 2020-09-21 | EPI_ISL_581149 | Original | hCoV-19 | England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) | consortium | Davies | United Kingdom

> Spike | hCoV-19 | England | MILK-800527 | 2020 | 2020-07-16 | EPI_ISL_557185 | Original | hCoV-19 | England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) | consortium | Davies | United Kingdom

> Spike | hCoV-19 | Scotland | EDB8459 | 2020 | 2010-10-17 | EPI_ISL_612367 | Original | hCoV-19 | Scotland | Human | Virology Department | COVID-19 Genomics UK (COG-UK) | Consortium | McHugh | United Kingdom

> Spike | hCoV-19 | Australia | VIC13208 | 2020 | 2020-07-23 | EPI_ISL_592208 | Original | hCoV-19 | Victoria | Human | Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) | MDU-PHL | Schultz | Australia

> Spike | hCoV-19 | Canada | NS-NML-1348 | 2020 | 2020-04-13 | EPI_ISL_579725 | Original | hCoV-19 | Nova Scotia | Human | QEII Health Sciences Centre | National Microbiology Laboratory (NML) | Major | Canada

> Spike | hCoV-19 | England | 20100000404 | 2020 | 2020-03-01 | EPI_ISL_464234 | Original | hCoV-19 | England | Human | Respiratory Virus Unit | Respiratory Virus Unit | Platt | United Kingdom
>Spike|hCoV-19|England|QEUH-BOEFEZC/2020|2020-11-02|EPI_ISL_641683|Original|hCoV-
>19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
>19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|England|QEUH-BC4058/2020|2020-11-24|EPI_ISL_703645|Original|hCoV-
>19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
>19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|France/ARA-111841/2020|2020-11-24|EPI ISL 732692|Original|hCoV-
>19^Auvergne-Rh\00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France
>SUD|CNR Virus des Infections Respiratoires - France SUD|Bat|France
>Spike|hCoV-19|Australia/VIC9323/2020|2020-08-19|EPI ISL_565507|Original|hCoV-
>19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-
PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19|England/MILK-87AACY/2020|2020-07-14|EPI ISL_557265|Original|hCoV-
>19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the
>Covid-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England|MILK-9F2017/2020|2020-09-24|EPI ISL 589720|Original|hCoV-
>19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the
>Covid-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/WA-S2236/2020|2020-06-09|EPI ISL_497664|Original|hCoV-
>19^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spike|hCoV-19|Washington/NT06/2020|2020-00-00|EPI ISL_426633|Original|hCoV-
>19^Northern territory|Human|Royal Darwin Hospital Pathology|Microbiological
>Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference
>Laboratory|Schultz|Australia
>Spike|hCoV-19|Australia/VIC13003/2020|2020-07-27|EPI ISL_592146|Original|hCoV-
>19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL
>and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Wales/PHWC-47E7B9/2020|2020-10-07|EPI ISL_595502|Original|hCoV-
>19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United
>Kingdom
>Spike|hCoV-19/USA/NY-Wadsworth-39826-01/2020|2020-04-
>06|EPI ISL_676808|Original|hCoV-19^New York|Human|Wadsworth Center|Wadsworth
>Center|Lasek-Nessquill|USA
>Spike|hCoV-19/England/CAMC-B22191/2020|2020-11-03|EPI ISL_647430|Original|hCoV-
>19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the
>Covid-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/NV-CDC-2-3714155/2020|2020-12-04|EPI ISL_751556|Original|hCoV-
>19^Nevada|Human|NV State Public Health Laboratory|Genomics and Discovery|Queen|USA
>Spike|hCoV-19/England/ALDP-B1C482/2020|2020-11-01|EPI ISL_645933|Original|hCoV-
>19^England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the
>Covid-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Spain/MD-IBV-99008775/2020|2020-10-20|EPI ISL_654274|Original|hCoV-
>19^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1o|u00f3n|SeqCOVID-
>SPAIN consortium/IBV(CSIC)|Comas|Spain
>Spike|hCoV-19/Wales/QEUH-9AE00B/2020|2020-09-01|EPI ISL_639624|Original|hCoV-
>19^Wales|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK)
>Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/Australia/VIC12538/2020|2020-08-01|EPI ISL_640394|Original|hCoV-
>19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-
PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/AZ-TG547358/2020|2020-07-07|EPI_ISL_695503|Original|hCoV-19 ^^Arizona|Human|AZ SPHL|Tgen North|French|USA

>Spike|hCoV-19/England/205141583/2020|2020-12-14|EPI_ISL_766097|Original|hCoV-19 ^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWCC-32111/2020|2020-04-14|EPI_ISL_446607|Original|hCoV-19 ^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QUEUH-A5E7C8/2020|2020-10-12|EPI_ISL_597500|Original|hCoV-19 ^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/EUSPQ-539/2020|2020-11-30|EPI_ISL_697800|Original|hCoV-19 ^^Santa Elena|Human|Institute of Microbiology|Institute of Microbiology|Cardenas|Ecuador

>Spike|hCoV-19/USA/MA-MGH-03155/2020|2020-09-10|EPI_ISL_765722|Original|hCoV-19 ^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/USA/LA-GBC-26556534/2020|2020-04-16|EPI_ISL_485172|Original|hCoV-19 ^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/England/CAMC-B7B1B7/2020|2020-11-12|EPI_ISL_723990|Original|hCoV-19 ^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-C3B97E/2020|2020-12-10|EPI_ISL_731067|Original|hCoV-19 ^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B48696/2020|2020-11-07|EPI_ISL_649259|Original|hCoV-19 ^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/QC_AX3/2020|2020-04-09|EPI_ISL_515234|Original|hCoV-19 ^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/Australia/VIC12525/2020|2020-07-28|EPI_ISL_592015|Original|hCoV-19 ^^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-2558/2020|2020-06-02|EPI_ISL_545385|Original|hCoV-19 ^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-A59C28/2020|2020-10-09|EPI_ISL_597358|Original|hCoV-19 ^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B02443/2020|2020-10-24|EPI_ISL_642921|Original|hCoV-19 ^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CT-IVB-97009574/2020|2020-08-12|EPI_ISL_683652|Original|hCoV-19 ^^Catalunya|Human|Servicio de Microbiologia|u00eda|SeqCOVID-SPAIN consortium|IVB|CSIC|Comas|Spain

>Spike|hCoV-19/Brazil/SP-315/2020|2020-05-01|EPI_ISL_534312|Original|hCoV-19 ^^S\u00eda Paulo|Human|Distrito Sanitario Sul|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/England/NOTT-1209A4/2020|2020-12-10|EPI_ISL_741614|Original|hCoV-19 ^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Austria/CEMM0015/2020|2020-03-13|EPI_ISL_419668|Original|hCoV-19 ^^Austria|Human|Center for Virology|Berghalter laboratory|Berghalter|Austria

>Spike|hCoV-19/DRC/3595/2020|2020-04-23|EPI_ISL_447606|Original|hCoV-19 ^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lusamaki|Democratic Republic of the Congo
Spike|hCoV-19/Scotland/QEUH-9CEE0B/2020|2020-09-17|EPI_ISL_602023|Original|hCoV-19
^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/QEUH-541FF2/2020|2020-05-13|EPI_ISL_532247|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Denmark/DGCC-10426/2020|2020-11-02|EPI_ISL_669961|Original|hCoV-19
^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

Spike|hCoV-19/Denmark/DGCC-10783/2020|2020-11-02|EPI_ISL_670204|Original|hCoV-19
^Northeastern Jutland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

Spike|hCoV-19/Denmark/DGCC-4590/2020|2020-09-14|EPI_ISL_622259|Original|hCoV-19
^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

Spike|hCoV-19/England/ALDP-955759/2020|2020-06-12|EPI_ISL_554485|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Austria/CeMM0813/2020|2020-04-15|EPI_ISL_583715|Original|hCoV-19
^Austria|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

Spike|hCoV-19/Switzerland/SG-ETZH-220019/2020|2020-07-27|EPI_ISL_512002|Original|hCoV-19
^Sankt Gallen|Human|Biocenter|Department of Biosystems Science and Engineering|Nadeau|Switzerland

Spike|hCoV-19/Russia/SVE-RII-MH87825/2020|2020-09-29|EPI_ISL_770654|Original|hCoV-19
^Sverdlovsk|Human|UMMC-Health|WHO National Influenza Centre Russian Federation|Komissarov|Russia

Spike|hCoV-19/Norway/3368/2020|2020-09-09|EPI_ISL_590884|original|hCoV-19
^Vestland|Human|Folkestone Hospital|Norwegian Institute of Public Health|Vollan|Norway

Spike|hCoV-19/Wales/PHWC-47FD89/2020|2020-10-13|EPI_ISL_612807|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19/England/C200042606/2020|2020-11-02|EPI_ISL_666732|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

Spike|hCoV-19/England/CAMC-B226CF/2020|2020-11-02|EPI_ISL_647311|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/USA/WI-UW-1474/2020|2020-09-13|EPI_ISL_541606|Original|hCoV-19
^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

Spike|hCoV-19/USA/MN3-MDH3/2020|2020-03-09|EPI_ISL_414590|Original|hCoV-19
^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Wang|USA

Spike|hCoV-19/USA/MI-QDX-1307/2020|2020-03-17|EPI_ISL_571962|Original|hCoV-19
^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

Spike|hCoV-19/Switzerland/VS-ETHZ-321404/2020|2020-10-14|EPI_ISL_603645|Original|hCoV-19
^Valais|Human|Biocenter|Department of Biosystems Science and Engineering|Nadeau|Switzerland

Spike|hCoV-19/England/QEUH-B9EF87/2020|2020-11-18|EPI_ISL_719710|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/USA/MI-QDX-344/2020|2020-03-22|EPI_ISL_571088|Original|hCoV-19
^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

Spike|hCoV-19/Northern Ireland/NIRE-233451/2020|2020-10-02|EPI_ISL_680290|Original|hCoV-19
^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

Spike|hCoV-19/Denmark/DGCC-19623/2020|2020-12-07|EPI_ISL_748318|Original|hCoV-19
^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
Spike|hCoV-19|England|2024221388/2020|2020-00-00|EPI_ISL_593788|Original|hCoV-19
^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
Spike|hCoV-19|Spain|CT-IBV-99009902/2020|2020-08-08|EPI_ISL_660299|Original|hCoV-19
^Catalunya|Human|Servicio de Microbiologia|UB0eda|SegCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
Spike|hCoV-19|England|20120011704/2020|2020-03-14|EPI_ISL_465151|Original|hCoV-19
^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
Spike|hCoV-19|India|GJ-GBRC-409b/2020|2020-07-18|EPI_ISL_586534|Original|hCoV-19
^Gujarat|Human|General Hospital Chhotaudepur|Gujarat Biotec Research Centre|Joshi|India
Spike|hCoV-19|USA|FL-BPHL-1312/2020|2020-07-09|EPI_ISL_541250|Original|hCoV-19
^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
Spike|hCoV-19|USA|NY-Wadsworth-33059/2020|2020-04-04|EPI_ISL_676790|Original|hCoV-19
^New York|Human|Wadsworth Center|Wadsworth Center|Lasèk-Nesselquist|USA
Spike|hCoV-19|England|ALDP-A6D09E/2020|2020-10-14|EPI_ISL_608081|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England|CAMB-1B4116/2020|2020-06-01|EPI_ISL_473458|Original|hCoV-19
^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
Spike|hCoV-19|England|LIVE-9E73F/2020|2020-04-09|EPI_ISL_453327|Original|hCoV-19
^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
Spike|hCoV-19|England|NORT-283DC0/2020|2020-04-04|EPI_ISL_488661|Original|hCoV-19
^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA|NY-Wadsworth-11180-01/2020|2020-03-06|EPI_ISL_426041|Original|hCoV-19
^New York|Human|Wadsworth Center|Wadsworth Center|Lasèk-Nesselquist|USA
Spike|hCoV-19|England|BRIS-122B06/2020|2020-04-03|EPI_ISL_440683|Original|hCoV-19
^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
Spike|hCoV-19|England|QEUH-A215F1/2020|2020-10-01|EPI_ISL_587588|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Portugal|PT0955/2020|2020-04-19|EPI_ISL_511504|Original|hCoV-19
^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal
Spike|hCoV-19|Bangladesh|BCSIR-NILMRC-322/2020|2020-05-31|EPI_ISL_498790|Original|hCoV-19
^Mymensingsh|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh
Spike|hCoV-19|Scotland|QEUH-A61391/2020|2020-10-13|EPI_ISL_666084|Original|hCoV-19
^Scotland|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashon|United Kingdom
Spike|hCoV-19|USA|MI-MDHH-SC21253/2020|2020-04-02|EPI_ISL_507508|Original|hCoV-19
^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
Spike|hCoV-19|Northern Ireland|NIRE-1074FD/2020|2020-03-30|EPI_ISL_585161|Original|hCoV-19
^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
Spike|hCoV-19|Wales|PHWC-480DC1/2020|2020-10-17|EPI_ISL_613002|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19|Belgium|rega-12141433/2020|2020-12-14|EPI_ISL_738485|Original|hCoV-19
^Mol|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Spike|hCoV-19/Belgium/rega-0417518/2020|2020-04-17|EPI_ISL_734610|Original|hCoV-19
^\>Tessenderlo|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Spike|hCoV-19/England/BRIS-1240AB/2020|2020-04-08|EPI_ISL_492817|Original|hCoV-19
^\>England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WA-S2027/2020|2020-06-05|EPI_ISL_497455|Original|hCoV-19
^\>Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spike|hCoV-19/England/CAMB-8318A/2020|2020-04-14|EPI_ISL_443575|Original|hCoV-19
^\>England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/England/OXON-B04A9/2020|2020-00-00|EPI_ISL_478883|Original|hCoV-19
^\>England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/England/MILK-C6C974/2020|2020-12-13|EPI_ISL_778583|Original|hCoV-19
^\>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/PG-7923/2020|2020-07-00|EPI_ISL_687024|Original|hCoV-19
^\>Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Canada/ON-S1220/2020|2020-03-16|EPI_ISL_586297|Original|hCoV-19
^\>Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
>Spike|hCoV-19/England/QEUH-B2DF41/2020|2020-11-04|EPI_ISL_659920|Original|hCoV-19
^\>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/PG-0684/2020|2020-04-00|EPI_ISL_684294|Original|hCoV-19
^\>Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/mink/Netherlands/NE-BMC-39-4/2020|2020-08-24|EPI_ISL_577785|Original|hCoV-19
^\>Limburg|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands
>Spike|hCoV-19/Denmark/DGCC-5088/2020|2020-09-21|EPI_ISL_621626|Original|hCoV-19
^\>Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/FI-BPHL-0134/2020|2020-04-10|EPI_ISL_450868|Original|hCoV-19
^\>Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/England/QEUH-A8C80A/2020|2020-10-16|EPI_ISL_643246|Original|hCoV-19
^\>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-B8DD81/2020|2020-11-13|EPI_ISL_674669|Original|hCoV-19
^\>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-9B3ABA/2020|2020-09-08|EPI_ISL_573527|Original|hCoV-19
^\>England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/England/MILK-9AAC29/2020|2020-09-01|EPI_ISL_550902|Original|hCoV-19
^\>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMB-79CE0/2020|2020-04-02|EPI_ISL_440576|Original|hCoV-19
^\>England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/USA/VA-DCLS-0368/2020|2020-05-05|EPI_ISL_467942|Original|hCoV-19
^\>Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spike|hCoV-19/USA/MA-Yale-419/2020|2020-04-24|EPI_ISL_738275|Original|hCoV-19
^\>Massachusetts|Human|Connecticut Veterans' Affairs Hospital|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA
>Spike|hCoV-19/England/NOTT-11126F/2020|2020-04-12|EPI_ISL_453637|Original|hCoV-19
^\>England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
> Spike|hCoV-19/USA/NY-Wadsworth-275442-01/2020|2020-11-16|EPI_ISL_754579|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
> Spike|hCoV-19/England/ALDP-9B664A/2020|2020-08-28|EPI_ISL_573022|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Goldubchik|United Kingdom
> Spike|hCoV-19/England/QEUH-B6A555/2020|2020-11-11|EPI_ISL_662585|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/WA-S737/2020|2020-04-13|EPI_ISL_449907|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
> Spike|hCoV-19/USA/TX-DSHS-1224/2020|2020-03-30|EPI_ISL_631684|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
> Spike|hCoV-19/Russia/SPE-RII-34611S/2020|2020-09-17|EPI_ISL_596235|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia
> Spike|hCoV-19/England/BRIS-12754F/2020|2020-04-22|EPI_ISL_469792|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/MI-UM-10033876044/2020|2020-04-07|EPI_ISL_578150|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring|Valesano|USA
> Spike|hCoV-19/USA/MN-QDX-1996/2020|2020-03-15|EPI_ISL_604347|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
> Spike|hCoV-19/England/LIVE-1D2BBA/2020|2020-03-29|EPI_ISL_611811|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
> Spike|hCoV-19/Russia/SPE-RII-34611S/2020|2020-09-17|EPI_ISL_596235|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia
> Spike|hCoV-19/England/QEUH-7AFDD2/2020|2020-07-18|EPI_ISL_532934|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/MI-UM-10033876044/2020|2020-04-07|EPI_ISL_578150|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring|Valesano|USA
> Spike|hCoV-19/Netherlands/Overijssel_14/2020|2020-04-13|EPI_ISL_460803|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
> Spike|hCoV-19/England/ALDP-C48158/2020|2020-12-12|EPI_ISL_718657|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/England/ALDP-C48158/2020|2020-12-12|EPI_ISL_718657|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/MI-UM-10036496799/2020|2020-10-17|EPI_ISL_628859|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring|Valesano|USA
> Spike|hCoV-19/England/QEUH-B6A6CB/2020|2020-11-11|EPI_ISL_662538|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/Russia/SPE-RII-MH1519S/2020|2020-09-11|EPI_ISL_596288|Original|hCoV-19^^Saint Petersburg|Human|HELIX LCC|WHO National Influenza Centre Russian Federation|Komissarov|Russia
> Spike|hCoV-19/England/ALDP-C48158/2020|2020-12-12|EPI_ISL_718657|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/England/ALDP-C48158/2020|2020-12-12|EPI_ISL_718657|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/MI-UM-10036496799/2020|2020-10-17|EPI_ISL_628859|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring|Valesano|USA
> Spike|hCoV-19/England/QEUH-B6A6CB/2020|2020-11-11|EPI_ISL_662538|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/Russia/SPE-RII-MH1519S/2020|2020-09-11|EPI_ISL_596288|Original|hCoV-19^^Saint Petersburg|Human|HELIX LCC|WHO National Influenza Centre Russian Federation|Komissarov|Russia
> Spike|hCoV-19/England/ALDP-C48158/2020|2020-12-12|EPI_ISL_718657|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/England/ALDP-C48158/2020|2020-12-12|EPI_ISL_718657|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/MI-UM-10036496799/2020|2020-10-17|EPI_ISL_628859|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring|Valesano|USA
> Spike|hCoV-19/England/QEUH-B6A6CB/2020|2020-11-11|EPI_ISL_662538|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/Russia/SPE-RII-MH1519S/2020|2020-09-11|EPI_ISL_596288|Original|hCoV-19^^Saint Petersburg|Human|HELIX LCC|WHO National Influenza Centre Russian Federation|Komissarov|Russia
> Spike|hCoV-19/England/ALDP-C48158/2020|2020-12-12|EPI_ISL_718657|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/England/ALDP-C48158/2020|2020-12-12|EPI_ISL_718657|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/MI-UM-10036496799/2020|2020-10-17|EPI_ISL_628859|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring|Valesano|USA
>Spike| hCoV-19| Denmark| DCGC-5069/2020| 2020-09-21| EPI_ISL_621607| Original|hCoV-19^Syddanmark| Human| Department of Virus and Microbiological Special Diagnostics| Albertsen lab| Michaelsen| Denmark
>Spike| hCoV-19| Australia| VIC6220/2020| 2020-07-13| EPI_ISL_518218| Original|hCoV-19^Victoria| Human| Victorian Infectious Diseases Reference Laboratory (VIDRL)| VIDRL and MDU-PHL| Schultz| Australia
>Spike| hCoV-19| United Arab Emirates| 019/2020| 2020-05-18| EPI_ISL_698377| Original|hCoV-19^Abu Dhabi| Human| Group 42 (G42) Healthcare| G42 Healthcare| Ogrozdski| United Arab Emirates
>Spike| hCoV-19| England| MILK-A7BOAC/2020| 2020-10-14| EPI_ISL_607580| Original|hCoV-19^England| Human| Lighthouse Lab in Milton Keynes| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom
>Spike| hCoV-19| USA| MI-UM-2006S000888/2020| 2020-03-26| EPI_ISL_484735| Original|hCoV-19^Michigan| Human| University of Michigan Clinical Microbiology Laboratory| Lauring Lab| Valesano| USA
>Spike| hCoV-19| Denmark| DCGC-10708/2020| 2020-11-02| EPI_ISL_670152| Original|hCoV-19^Hovedstaden| Human| Department of Virus and Microbiological Special Diagnostics| Albertsen Lab| Michaelsen| Denmark
>Spike| hCoV-19| Wales| PHWC-4995DC/2020| 2020-12-05| EPI_ISL_727328| Original|hCoV-19^Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom
>Spike| hCoV-19| Wales| PHWC-494155/2020| 2020-11-16| EPI_ISL_726074| Original|hCoV-19^Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom
>Spike| hCoV-19| Australia| SAP284/2020| 2020-03-28| EPI_ISL_468004| Original|hCoV-19^South Australia| Human| SA Pathology| SA Pathology| Leong| Australia
>Spike| hCoV-19| USA| WA-S426/2020| 2020-03-28| EPI_ISL_434186| Original|hCoV-19^Washington| Human| Washington State Department of Health| Seattle Flu Study| Bedford| USA
>Spike| hCoV-19| New Zealand| 20VR1781/2020| 2020-03-26| EPI_ISL_456250| Original|hCoV-19^Southern| Human| Southern Community Labs Dunedin| Institute of Environmental Science and Research (ESR)| de Ligt| New Zealand
>Spike| hCoV-19| England| QEUH-B10EDB/2020| 2020-11-02| EPI_ISL_642335| Original|hCoV-19^England| Human| Lighthouse Lab in Glasgow| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom
>Spike| hCoV-19| Denmark| DCGC-15145/2020| 2020-11-23| EPI_ISL_713657| Original|hCoV-19^Midtjylland| Human| Department of Virus and Microbiological Special Diagnostics| Albertsen Lab| Michaelsen| Denmark
>Spike| hCoV-19| Switzerland| BE-ETHZ-400064/2020| 2020-12-05| EPI_ISL_729117| Original|hCoV-19^Bern| Human| Viollier AG| Department of Biosystems Science and Engineering| Nadeau| Switzerland
>Spike| hCoV-19| Thailand| Nonthaburi_2472/2020| 2020-03-14| EPI_ISL_455605| Vero P1|hCoV-19^Nonthaburi| Human| Panyanantaphikkhu Chonprathan Medical Center| National Institute of Health| Department of medical Sciences| Phuygun| Thailand
>Spike| hCoV-19| Wales| PHWC-2407F/2020| 2020-03-17| EPI_ISL_474226| Original|hCoV-19^Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom
>Spike| hCoV-19| USA| CA-ALSR-1433/2020| 2020-03-27| EPI_ISL_494599| Original|hCoV-19^California| Human| Scripps Medical Laboratory| Andersen lab at Scripps Research| Gangavarapu| USA
>Spike| hCoV-19| Taiwan| NTU24/2020| 2020-03-25| EPI_ISL_447618| Vero E6|hCoV-19^Taipei| Human| Department of Laboratory Medicine| Microbial Genomics Core Lab| Lin| Taiwan
>Spike| hCoV-19| England| QEUH-A6162F/2020| 2020-10-12| EPI_ISL_628624| Original|hCoV-19^England| Human| Oxford Viromics| COVID-19 Genomics UK (COG-UK) Consortium| Golubchik| UK
>Spike| hCoV-19| Australia| VIC6132/2020| 2020-07-22| EPI_ISL_518145| Original|hCoV-19^Victoria| Human| Victorian Infectious Diseases Reference Laboratory (VIDRL)| VIDRL and MDU-PHL| Schultz| Australia
>Spike|hCoV-19/USA/TX-DSHS-0282/2020|2020-06-13|EPI_ISL_527849|Original|hCoV-19^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/NM-UNM-00645/2020|2020-05-10|EPI_ISL_560342|Original|hCoV-19^New Mexico|Human|TriCore Reference Laboratories|Center for Global Health|Domman|USA

>Spike|hCoV-19/USA/CA-ALSR-1280/2020|2020-04-30|EPI_ISL_494477|Original|hCoV-19^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-A6F21E/2020|2020-10-15|EPI_ISL_607236|Original|hCoV-19^England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18934/2020|2020-11-25|EPI_ISL_785230|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/OR-OHSU-3692/2020|2020-10-19|EPI_ISL_667509|Original|hCoV-19^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-16396/2020|2020-11-01|EPI_ISL_786080|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-7236/2020|2020-10-12|EPI_ISL_619218|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-9DEEF8/2020|2020-09-21|EPI_ISL_576944|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM88517745/2020|2020-11-30|EPI_ISL_753419|Original|hCoV-19^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Japan/PG-8354/2020|2020-08-00|EPI_ISL_687453|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-5746/2020|2020-09-28|EPI_ISL_621251|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/ZH-EMC-1228/2020|2020-12-22|EPI_ISL_763297|Original|hCoV-19^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/MI-MDHH-SC20316/2020|2020-04-02|EPI_ISL_447113|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Australia/VIC15149/2020|2020-08-06|EPI_ISL_593159|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/LA-EVTL1231/2020|2020-12-17|EPI_ISL_768500|Original|hCoV-19^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/NY-NYUMC61/2020|2020-03-18|EPI_ISL_420576|Original|hCoV-19^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/New Zealand/20VR1776/2020|2020-03-26|EPI_ISL_456245|Original|hCoV-19^Southern|Human|Southern Community Labs Dunedin|Institute of Environmental Science and Research (ESR) |de Ligt|New Zealand

>Spike|hCoV-19/India/TG-GMC-KP1125/2020|2020-03-24|EPI_ISL_437626|Original|hCoV-19^Telangana|Human|Department of Microbiology,Gandhi Medical College and Hospital|Department of Veterinary Biotechnology|Muttineni|India

>Spike|hCoV-19/Wales/PHWC-16AB4E/2020|2020-09-09|EPI_ISL_560159|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/QEUH-B7ED0B/2020|2020-11-14|EPI_ISL_661701|Original|hCoV-19\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>SpikohoncoV-19/England/SHEF-C3591/2020|2020-10-11|EPI_ISL_653063|Original|hCoV-19\^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>SpikohoncoV-19/India/MH-ACTREC-563/2020|2020-08-31|EPI_ISL_700208|Original|hCoV-19\^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
>SpikohoncoV-19/USA/CA-CZB-2397/2020|2020-05-19|EPI_ISL_513826|Original|hCoV-19\^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA
>SpikohoncoV-19/England/MILK-B93984/2020|2020-11-13|EPI_ISL_676154|Original|hCoV-19\^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>SpikohoncoV-19/USA/UT-UPHL-201120212/2020|2020-04-30|EPI_ISL_634912|Original|hCoV-19\^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>SpikohoncoV-19/Denmark/DGCC-2232/2020|2020-08-10|EPI_ISL_617537|Original|hCoV-19\^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>SpikohoncoV-19/Wales/PHWC-49769F/2020|2020-11-21|EPI_ISL_726865|Original|hCoV-19\^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>SpikohoncoV-19/Wales/PHWC-16CCD0/2020|2020-09-20|EPI_ISL_574157|Original|hCoV-19\^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>SpikohoncoV-19/England/ALDP-B24F0E/2020|2020-11-04|EPI_ISL_646767|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>SpikohoncoV-19/USA/MA-MGH-00264/2020|2020-04-01|EPI_ISL_460160|Original|hCoV-19\^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA
>SpikohoncoV-19/England/MILK-B86562/2020|2020-11-14|EPI_ISL_674005|Original|hCoV-19\^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>SpikohoncoV-19/Denmark/DGCC-16845/2020|2020-12-14|EPI_ISL_750304|Original|hCoV-19\^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>SpikohoncoV-19/England/QEUH-9E4397/2020|2020-09-22|EPI_ISL_579780|Original|hCoV-19\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpikohoncoV-19/England/MILK-A4804E/2020|2020-10-06|EPI_ISL_598363|Original|hCoV-19\^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpikohoncoV-19/USA/UT-UPHL-201235321/2020|2020-08-10|EPI_ISL_745852|Original|hCoV-19\^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA
>SpikohoncoV-19/England/BRIS-13315B/2020|2020-06-26|EPI_ISL_511977|Original|hCoV-19\^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpikohoncoV-19/Scotland/EDBS448/2020|2020-05-25|EPI_ISL_461739|Original|hCoV-19\^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>SpikohoncoV-19/England/QEUH-B31BBF/2020|2020-11-04|EPI_ISL_646262|Original|hCoV-19\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|England/LIVE-1D71B3/2020|2020-09-26|EPI_ISL_584595|Original|hCoV-19
>England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK)
Consortium|Haldenby|United Kingdom

>Spile|hCoV-19|England/20104008/2020|2020-03-03|EPI_ISL_464340|Original|hCoV-19
>England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spile|hCoV-19|USA/WA-UW-1879/2020|2020-03-21|EPI_ISL_424300|Original|hCoV-19
>Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spile|hCoV-19|England/MLK-B38C97/2020|2020-11-01|EPI_ISL_658997|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spile|hCoV-19|England/QEUH-A35DB6/2020|2020-10-05|EPI_ISL_706893|Original|hCoV-19
>England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK)
Consortium|Goldubchik|United Kingdom

>Spile|hCoV-19|USA/WI-UW-324/2020|2020-04-24|EPI_ISL_436618|Original|hCoV-19
>Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Baczenas|USA

>Spile|hCoV-19|Australia/VIC12916/2020|2020-07-29|EPI_ISL_640844|Original|hCoV-19
>Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spile|hCoV-19|South Africa/KRISP-0059/2020|2020-04-01|EPI_ISL_467448|Original|hCoV-19
>KwaZulu-Natal|Human|Molecular Diagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spile|hCoV-19|Scotland/EDB8232/2020|2020-10-10|EPI_ISL_594836|Original|hCoV-19
>Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK)
Consortium|McHugh|United Kingdom

>Spile|hCoV-19|Scotland/SHEF-CD3CA/2020|2020-04-29|EPI_ISL_475455|Original|hCoV-19
>Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de
Silva|United Kingdom

>Spile|hCoV-19|England/MILK-BFF591/2020|2020-12-02|EPI_ISL_720746|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spile|hCoV-19|USA/CA-IGI-0349/2020|2020-07-21|EPI_ISL_754873|Original|hCoV-19
>California|Human|Innovative Genomics Institute|Innovative Genomics
Institute|Wyman|USA

>Spile|hCoV-19|Denmark/DCGC-6429/2020|2020-10-12|EPI_ISL_620329|Original|hCoV-19
>Denmark|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen lab|Michaelisen|Denmark

>Spile|hCoV-19|Australia/VIC12767/2020|2020-07-29|EPI_ISL_640416|Original|hCoV-19
>Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spile|hCoV-19|Chile/AR-179001/2020|2020-09-15|EPI_ISL_746481|Original|hCoV-19^-La
Araucania|Human|Genetica Molecular and Subdepartamento de Virologia ISP
Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spile|hCoV-19|England/CAMC-A3FB85/2020|2020-10-05|EPI_ISL_609728|Original|hCoV-19
>England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spile|hCoV-19|England/QEUH-9C7FA5/2020|2020-09-11|EPI_ISL_567027|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19
Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spile|hCoV-19|Russia/SE-RII-MH33555/2020|2020-10-07|EPI_ISL_733102|Original|hCoV-19
^North Ossetia-Alania|Human|HELIX LLC|WHO National Influenza Centre Russian
Federation|Komissarov|Russia

>Spile|hCoV-19|USA/TX-HMH-2877/2020|2020-06-08|EPI_ISL_543846|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spile|hCoV-19|Australia/NSW2714/2020|2020-03-24|EPI_ISL_707892|Original|hCoV-19^-New
South Wales|Human|Area of Virology|Virology Research Laboratory; Area of
Virology|Foster|Australia

>Spile|hCoV-19|USA/DE-DHSS-F952951/2020|2020-04-04|EPI_ISL_593977|Original|hCoV-19
^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA
| Location | Type | Laboratory/Clinic | Collaboration | Repository Code | Type | Country |
|----------|------|-------------------|---------------|-----------------|------|---------|
| Texas | Human | Texas Specialist Virology Centre Sequencing lab | COVID-19 Genomics UK (COG-UK) Consortium | Moore | United Kingdom |
| England | ALDP-9BE93A | | | | |
| Victoria | Human | Victoria Infectious Diseases Reference Laboratory (VIDRL) | | | Switzerland |
| Japan | Center | Sekizuka | | | |
| Kansai | Human | Department of Infectious Diseases | | | Republic of the Congo |
| Kinshasa | Human | Viral Respiratory Lab | | | Democratic Republic of the Congo |
| England | Human | Centre for Enzyme Innovation | | | United Kingdom |
| England | Human | PHE South West Regional Laboratory | | | United Kingdom |
| Wales | Human | Wales Specialist Virology Centre Sequencing lab | COVID-19 Genomics UK (COG-UK) consortium | Amato | United Kingdom |
| England | Human | Lighthouse Lab in Cambridge | | | United Kingdom |
| Victoria | Human | Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) | | | Australia |
| England | Human | Oxford Viromics | COVID-19 Genomics UK (COG-UK) Consortium | Golubchik | United Kingdom |
| England | Human | Lighthouse Lab in Cambridge | | | United Kingdom |
| England | Human | Lighthouse Lab in Glasgow | | | United Kingdom |
| England | Human | Virology Lab | Pathogen Sequencing Lab | Lokilo | Democratic Republic of the Congo |
| Japan | Human | Viral Respiratory Lab | Pathogen Genomics Center | Sekizuka | Japan |
| Australia | VIC6180 | | | | Australia |
| USA | NY-NYCPHL-00202 | | | | USA |
| Guangzhou | Human | The First Affiliated Hospital of Guangzhou Medical University | | | China |
| Victoria | Human | Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) | | | Victoria |
| England | Human | Oxford Viromics | COVID-19 Genomics UK (COG-UK) Consortium | Amato | United Kingdom |
| England | Human | Lighthouse Lab in Cambridge | | | United Kingdom |
| England | Human | Lighthouse Lab in Glasgow | | | United Kingdom |
| Portugal | Human | Pathogen Sequencing Lab | Lokilo | Democratic Republic of the Congo |
| Australia | VIC6180 | | | | Australia |
| USA | TX-HMW-MCoV-12919 | | | | USA |
>Spike|hCoV-19/England/MILK-A6BCF6/2020|2020-10-09|EPI_ISL_608871|Original|hCoV-19|^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/Belgium/00622A5/2020|2020-09-22|EPI_ISL_735015|Original|hCoV-19|^Bost|Human|UZ Leuven|KU Leuven|Maes|Belgium
>SpIke|hCoV-19/Canada/QC-LSPQ-L00238803/2020|2020-03-26|EPI_ISL_536220|Original|hCoV-19|^Quebec|Human|Centre hospitalier Anna-Laberge|Laboratoire de santé publique du Québec|Moreira|Canada
>SpIke|hCoV-19/England/BRTS-12B499/2020|2020-05-23|EPI_ISL_487618|Original|hCoV-19|^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/England/205120834/2020|2020-12-15|EPI_ISL_766314|Original|hCoV-19|^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>SpIke|hCoV-19/England/CAMB-7DA79/2020|2020-04-06|EPI_ISL_441725|Original|hCoV-19|^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/England/SHEF-0036/2020|2020-05-26|EPI_ISL_535090|Original|hCoV-19|^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>SpIke|hCoV-19/Spain/AN-IBV-001883/2020|2020-03-12|EPI_ISL_452464|Original|hCoV-19|^Andalucia|Human|Hospital Universitario Puerta del Mar de Cádiz - INIBIC-SEG COVID-19/Spain consortium|Comas|Spain
>SpIke|hCoV-19/England/QEUH-B402E5/2020|2020-11-08|EPI_ISL_657149|Original|hCoV-19|^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>SpIke|hCoV-19/England/ALDP-BB511B/2020|2020-11-21|EPI_ISL_701985|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/Australia/VIC14953/2020|2020-08-18|EPI_ISL_593077|Original|hCoV-19|^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultze|Australia
>SpIke|hCoV-19/England/ALDP-A690A1/2020|2020-10-12|EPI_ISL_609127|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/NewZealand/20VR1864/2020|2020-03-30|EPI_ISL_456290|Original|hCoV-19|^Southern|Human|Southern Community Labs Dunedin|Institute of Environmental Science and Research (ESR) de Litg|New Zealand
>SpIke|hCoV-19/England/CAMC-B78FED/2020|2020-11-12|EPI_ISL_783406|Original|hCoV-19|^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/Denmark/DGCC-12449/2020|2020-11-16|EPI_ISL_682630|Original|hCoV-19|^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>SpIke|hCoV-19/England/CAMC-1B7966/2020|2020-10-20|EPI_ISL_638343|Original|hCoV-19|^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>SpIke|hCoV-19/England/ALDP-B84E0F/2020|2020-11-14|EPI_ISL_675986|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/Australia/VIC3343/2020|2020-07-08|EPI_ISL_521023|Original|hCoV-19|^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultze|Australia
>SpIke|hCoV-19/Switzerland/TI-ETHZ-120204/2020|2020-04-28|EPI_ISL_468277|Original|hCoV-19|^ Ticino|Human|Viovlier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>SpIke|hCoV-19/England/LOND-D3DC3/2020|2020-04-04|EPI_ISL_449654|Original|hCoV-19|^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spike|hCoV-19|Denmark|DCGC-3080|2020|2020-08-31|EPI_ISL_616860|Original|hCoV-19
^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spiek|hCoV-19|USA/MI-UM-10035683340|2020|2020-08-27|EPI_ISL_583259|Original|hCoV-19
^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>Spiek|hCoV-19|Denmark|DCGC-11259|2020|2020-11-02|EPI_ISL_670748|Original|hCoV-19
^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spiek|hCoV-19|Wales|PHWC-47D222|2020|2020-10-06|EPI_ISL_586114|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spiek|hCoV-19|England/QEUVH-9CBEF5|2020|2020-09-17|EPI_ISL_590118|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiek|hCoV-19|USA/NM-DOH-2020643020|2020|2020-12-28|EPI ISL 767077|Original|hCoV-19
^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Malone|USA
>Spiek|hCoV-19|Denmark|DCGC-10369|2020|2020-11-02|EPI_ISL_669928|Original|hCoV-19
^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spiek|hCoV-19|England/MILK-A7C9CE|2020|2020-10-16|EPI_ISL_607622|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiek|hCoV-19|USA/LA-EVTL1393|2020|2020-12-11|EPI ISL 779059|Original|hCoV-19
^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spiek|hCoV-19|England/QEUVH-C4B7CC|2020|2020-12-13|EPI ISL 769842|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiek|hCoV-19|England/ALDP-98150F|2020|2020-08-09|EPI ISL 526353|Original|hCoV-19
^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spiek|hCoV-19|Spain/IB-IVB-99010830|2020|2020-08-13|EPI ISL 691613|Original|hCoV-19
^Balear Islands|Human|Servicio de Microbiolog|Several|SeqCOVID-SPAIN consortium/IBV|Comas|Spain
>Spiek|hCoV-19|USA/TX-HMH-MCoV-16015|2020|2020-07-10|EPI ISL 785699|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spiek|hCoV-19|France/PAC-IHU-1527|2020|2020-08-13|EPI ISL 569190|Original|hCoV-19
^Provence-Alpes-C^u00f4te-du-Vaucluse|Human|Marseille|MEMPHI|MEMPHI|Levasseur|France
>Spiek|hCoV-19|England/QEUVH-9F39A2|2020|2020-09-24|EPI ISL 588573|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiek|hCoV-19|Germany/HH-hpi-p1940|2020|2020-03-27|EPI ISL 776267|Original|hCoV-19
^Hamburg|Human|University Medical Center Hamburg|Eppendorff|Heinrich Pette Institute|Robitaille|Germany
>Spiek|hCoV-19|England/CAMC-A56F9B|2020|2020-10-08|EPI ISL 597304|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiek|hCoV-19|England/MILK-95DC16|2020|2020-06-18|EPI ISL 556098|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiek|hCoV-19|USA/WI-UW-153|2020|2020-04-18|EPI ISL 427460|Original|hCoV-19
^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczka|USA
>Spiek|hCoV-19|Netherlands/NA_508|2020|2020-03-24|EPI ISL 460681|Original|hCoV-19
^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
> Spike|hCoV-19/England/MILK-A45D95/2020|2020-10-06|EPI_ISL_598762|Original|hCoV-19|^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Saudi Arabia/KAUST-MAKKAH1631/2020|2020-04-26|EPI_ISL_678132|Original|hCoV-19|^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia
> Spike|hCoV-19/England/CAMB-1AB59E/2020|2020-04-21|EPI_ISL_470195|Original|hCoV-19|^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/QEUM-B14499/2020|2020-11-03|EPI_ISL_642672|Original|hCoV-19|^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/CAMB-74D2E/2020|2020-03-19|EPI_ISL_425369|Original|hCoV-19|^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/LIVE-DC1EC8/2020|2020-11-03|EPI_ISL_435755|Original|hCoV-19|England|Human|Department of Clinical Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/QEUM-B68AEF/2020|2020-11-11|EPI_ISL_655027|Original|hCoV-19|^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/MI-UM-10036196865/2020|2020-09-29|EPI_ISL_590740|Original|hCoV-19|^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
> Spike|hCoV-19/England/BRIS-12D93E/2020|2020-05-07|EPI_ISL_481868|Original|hCoV-19|^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/ALDP-9C5129/2020|2020-09-10|EPI_ISL_567751|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/South Korea/KDCA0276/2020|2020-10-22|EPI_ISL_760070|Original|hCoV-19|^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea
> Spike|hCoV-19/Scotland/CVR4548/2020|2020-09-22|EPI_ISL_585407|Original|hCoV-19|^Scotland|Human|Lighthouse Lab in Glasgow|MRC-University of Glasgow Centre for Virus Genomics (CVG)|ROBERTSON|United Kingdom
> Spike|hCoV-19/England/LIVE-DC1EC8/2020|2020-11-22|EPI_ISL_679395|Original|hCoV-19|^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) consortium|Haldenby|United Kingdom
> Spike|hCoV-19/England/NOTT-11624C/2020|2020-10-19|EPI_ISL_595313|Original|hCoV-19|^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) consortium|Loose|United Kingdom
> Spike|hCoV-19/Denmark/ALAB-HH-139/2020|2020-03-11|EPI_ISL_452018|Original|hCoV-19|^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark
> Spike|hCoV-19/South Africa/NHLS-UCT-GS-2440/2020|2020-04-24|EPI_ISL_640080|Original|hCoV-19|^Western Cape|Human|Mfuleni CDC wc MFU|NHLS/UCT|Iranzadeh|South Africa
>Spike|hCoV-19/England/20126063203/2020|2020-03-18|EPI_ISL_420467|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/Japan/PG-5948/2020|2020-00-00|EPI_ISL_689063|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/MLIK-9708CE/2020|2020-08-17|EPI_ISL_553173|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Chile/RM-85457/2020|2020-05-31|EPI_ISL_746813|Original|hCoV-19^^Region Metropolitan de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile
>Spike|hCoV-19/England/201121125/2020|2020-03-09|EPI_ISL_464685|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/England/ALDP-BC8643/2020|2020-11-23|EPI_ISL_721467|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Spain/CN-ISCIII-201048/2020|2020-02-24|EPI_ISL_539531|Original|hCoV-19^^Canary Islands|Human|C.H.U Nuestra Señora de Candelaria|Instituto de Salud Carlos III|Caballero|Spain
>Spike|hCoV-19/USA/UT-UPHL-2009585/2020|2020-07-19|EPI_ISL_605263|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/Switzerland/BE-EPTH2-331448/2020|2020-10-21|EPI_ISL_614924|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/Wales/CAMC-A65BD1/2020|2020-10-11|EPI_ISL_637501|Original|hCoV-19^^Wales|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/England/SHEF-D1F74/2020|2020-04-09|EPI_ISL_442502|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/Denmark/DGC-C-10449/2020|2020-11-02|EPI_ISL_669980|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Netherlands/UT-EMC-137/2020|2020-10-18|EPI_ISL_632349|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands
>Spike|hCoV-19/United Arab Emirates/0403/2020|2020-05-15|EPI_ISL_698578|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodkzi|United Arab Emirates
>Spike|hCoV-19/USA/TX-HMH-521/2020|2020-04-03|EPI_ISL_544595|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/QEUH-A4D28F/2020|2020-10-05|EPI_ISL_628593|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/South Africa/KRISP-K002717/2020|2020-08-14|EPI_ISL_529720|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
>Spike|hCoV-19/USA/CA-SEARCH-5341/2020|2020-12-08|EPI_ISL_755158|Original|hCoV-19^^California|Human|UCSD EXCITE lab|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/Japan/PG-3656/2020|2020-04-00|EPI_ISL_691909|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Wales/PHWC-A4542B/2020|2020-12-15|EPI_ISL_764865|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/ALDP-955328/2020|2020-06-12|EPI_ISL_553525|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-14195/2020|2020-10-02|EPI_ISL_787480|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|England|MILK-9A97FC/2020|2020-09-02|EPI_ISL_551016|Original|hCoV-
19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiket|hCoV-19|Portugal|PT0797/2020|2020-03-19|EPI_ISL_511056|Original|hCoV-
19|Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal
>Spiket|hCoV-19|South Korea|KCDC2645/2020|2020-07-10|EPI_ISL_515047|Original|hCoV-
19|South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea
>Spiket|hCoV-19|Denmark|DCGC-11083/2020|2020-11-02|EPI_ISL_669755|Original|hCoV-
19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spiket|hCoV-19|England/QEUH-9F7DDF/2020|2020-09-27|EPI_ISL_589105|Original|hCoV-
19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiket|hCoV-19|USA/UT-0369/2020|2020-03-28|EPI_ISL_435357|Original|hCoV-
19|Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spiket|hCoV-19|India/UN-THSTI-BL2010D/2020|2020-04-29|EPI_ISL_755587|Original|hCoV-
19|India|Human|Infection and Immunology|Infection and Immunology|Wangchuk|India
>Spiket|hCoV-19|England/NORT-283F09/2020|2020-04-24|EPI_ISL_488636|Original|hCoV-
19|England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiket|hCoV-19|Denmark/DCGC-2236/2020|2020-08-10|EPI_ISL_617541|Original|hCoV-
19|Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spiket|hCoV-19|England/20148033104/2020|2020-04-02|EPI_ISL_466056|Original|hCoV-
19|England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spiket|hCoV-19|USA/AZ-TG395935/2020|2020-06-08|EPI_ISL_694771|Original|hCoV-
19|Arizona|Human|AZ SPHL|Tgen North|French|USA
>Spiket|hCoV-19|Germany/HH-hpi-p1569/2020|2020-03-15|EPI_ISL_776048|Original|hCoV-
19|Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany
>Spiket|hCoV-19|England/ALDP-954918/2020|2020-06-09|EPI_ISL_555502|Original|hCoV-
19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiket|hCoV-19|England/ALDP-B73F4C/2020|2020-11-12|EPI_ISL_678917|Original|hCoV-
19|England|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spiket|hCoV-19|England/MILK-BABC26/2020|2020-11-18|EPI_ISL_681328|Original|hCoV-
19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spiket|hCoV-19|Luxembourg/LNS8945808/2020|2020-11-13|EPI_ISL_744825|Original|hCoV-
19|Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spiket|hCoV-19|Malaysia/IMR_WC99045/2020|2020-05-23|EPI_ISL_490100|Original|hCoV-
19|Malaysia|Human|Institute for Medical Research|Institute for Medical Research Suppiah|Malaysia
>Spiket|hCoV-19|Denmark/DCGC-1523/2020|2020-06-15|EPI_ISL_618127|Original|hCoV-
19|Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spiket|hCoV-19|Bangladesh/BCSIR-NILMRC_422/2020|2020-10-10|EPI_ISL_603244|Original|hCoV-
19|DHaka|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh
>Spiket|hCoV-19|England/ALDP-C25F81/2020|2020-12-06|EPI_ISL_782918|Original|hCoV-
19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiket|hCoV-19|USA/VA-DCLS-0917/2020|2020-05-13|EPI_ISL_522788|Original|hCoV-
19|Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spiket|hCoV-19|USA/TX-HMW-MCoV-11323/2020|2020-09-03|EPI_ISL_789765|Original|hCoV-
19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/South Africa/KRISP-0503/2020|2020-07-11|EPI_ISL_498071|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
>Spike|hCoV-19/Wuhan/HB-WH5-223/2020|2020-03-02|EPI_ISL_454968|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China
>Spike|hCoV-19/England/QEUH-EBB0097/2020|2020-12-03|EPI_ISL_708905|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)|Consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/PG-6147/2020|2020-08-00|EPI_ISL_689259|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/204020544/2020|2020-09-17|EPI_ISL_574697|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/England/ALDP-9E7E48/2020|2020-09-24|EPI_ISL_638231|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK)|Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/England/ALDP-9B5AA9/2020|2020-08-28|EPI_ISL_590403|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-9FF35D/2020|2020-10-02|EPI_ISL_600198|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/PG-2776/2020|2020-06-00|EPI_ISL_690903|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/USA/ID-UW-4550/2020|2020-03-29|EPI_ISL_460622|Original|hCoV-19^^Idaho|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/USA/TX-HNH-MCoV-19712/2020|2020-11-20|EPI_ISL_784063|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Belgium/20A42/2020|2020-04-03|EPI_ISL_452140|Original|hCoV-19^^Brussels|Human|CUB Hospital Erasme Laboratoire d'Anatomie Pathologique|CUB Hospital Erasme Laboratoire d'Anatomie Pathologique|Van Campenhout|Belgium
>Spike|hCoV-19/USA/CA-CZB-1238/2020|2020-04-11|EPI_ISL_454658|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Hao|USA
>Spike|hCoV-19/USA/ALDP-AA3779/2020|2020-10-21|EPI_ISL_624013|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WA-S2000/2020|2020-06-04|EPI_ISL_497428|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spike|hCoV-19/South Korea/KDCA0342/2020|2020-07-21|EPI_ISL_760128|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea
>Spike|hCoV-19/Australia/VIC2279/2020|2020-06-27|EPI_ISL_522001|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/MI-UM-2006S000954/2020|2020-04-06|EPI_ISL_484769|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>Spike|hCoV-19/England/CAMB-7F664/2020|2020-04-08|EPI_ISL_470433|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-9F1EA/2020|2020-10-02|EPI_ISL_600278|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WI-UW-2214/2020|2020-10-26|EPI_ISL_677617|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/England/MILK-9A9B1E/2020|2020-09-01|EPI_ISL_551029|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-6951/2020|2020-06-28|EPI_ISL_546379|Original|hCoV-19
>Canada|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Wales/PHWC-15FE70/2020|2020-05-17|EPI_ISL_472863|Original|hCoV-19
>Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-5457/2020|2020-06-24|EPI_ISL_544790|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Scotland/CVR3984/2020|2020-08-28|EPI_ISL_540781|Original|hCoV-19
>Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/USA/UT-0534/2020|2020-04-02|EPI_ISL_435368|Original|hCoV-19
>Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/USA/MN-MDH-1402/2020|2020-06-26|EPI_ISL_514621|Original|hCoV-19
>Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA
>Spike|hCoV-19/Germany/BY-MVP-0185/2020|2020-04-13|EPI_ISL_466878|Original|hCoV-19
>Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany
>Spike|hCoV-19/England/QEUH-9F40BB/2020|2020-09-25|EPI_ISL_588698|Original|hCoV-19
>Scotland|England|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Netherlands/ZuidHolland_161/2020|2020-04-28|EPI_ISL_461333|Original|hCoV-19
>Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/England/ALDP-B8576D/2020|2020-11-14|EPI_ISL_675256|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Israel/CVL-286-ngs/2020|2020-12-27|EPI_ISL_776866|Original|hCoV-19
>Israel|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel
>Spike|hCoV-19/England/ALDP-A51689/2020|2020-10-07|EPI_ISL_597905|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-1681/2020|2020-03-09|EPI_ISL_622443|Original|hCoV-19
>Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/NOTT-121787/2020|2020-12-20|EPI_ISL_764494|Original|hCoV-19
>England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-3164/2020|2020-08-31|EPI_ISL_615986|Original|hCoV-19
>Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/DE-DHSS-F979745/2020|2020-07-29|EPI_ISL_708398|Original|hCoV-19
>Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA
>Spike|hCoV-19/USA/NC-UNC-200407/2020|2020-04-00|EPI_ISL_524451|Original|hCoV-19
>North Carolina|Human|Microbiology & Immunology|Microbiology & Immunology|Submitter|USA
>Spike|hCoV-19/Denmark/DCGC-17706/2020|2020-12-14|EPI_ISL_751157|Original|hCoV-19
>Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/WI-GMF-19656/2020|2020-09-10|EPI_ISL_547834|Original|hCoV-19
>Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA
>Spike|hCoV-19/Belgium/rega-0309752/2020|2020-03-09|EPI_ISL_522349|Original|hCoV-19
>Leuven|Human|KU Leuven|KU Leuven|Maes|Belgium
>Spike|hCoV-19/USA/UT-UPHL-2009169/2020|2020-05-27|EPI_ISL_525155|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/GSTT-265D26C/2020-03-16|EPI_ISL_483932|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/Scotland/EDB6886/2020-04-30|EPI_ISL_526500|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Iceland/566/2020-03-27|EPI_ISL_424586|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/USA/CA-ALSR-1143/2020-04-28|EPI_ISL_494388|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/NORT-2920F2/2020-05-07|EPI_ISL_489116|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW190/2020-03-20|EPI_ISL_427736|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gal|Australia

>Spike|hCoV-19/Denmark/DGCC-21032/2020-12-21|EPI_ISL_758791|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Luxembourg/LNS5966742/2020-11-29|EPI_ISL_770926|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Nieeneck-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-B5BC43/2020-11-09|EPI_ISL_655594|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4265/2020-06-18|EPI_ISL_543477|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CMAC-B52A24/2020-11-06|EPI_ISL_657478|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3CD07/2020-12-09|EPI_ISL_731889|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2AAA20/2020-04-06|EPI_ISL_445653|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardif|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A677EA/2020-10-10|EPI_ISL_630355|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B733F5/2020-11-12|EPI_ISL_662308|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3740/2020-07-23|EPI_ISL_548456|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/TX-DSHS-0361/2020-06-13|EPI_ISL_538298|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/WI-UK-1824/2020-09-09|EPI_ISL_605696|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Belgium/rega-10191262/2020-10-19|EPI_ISL_735172|Original|hCoV-19^^Bost|Human|UZ Leuven|KU Leuven|Maes|Belgium
Spike|hCoV-19|England|SHEF-C6130/2020|2020-11-27|EPI_ISL_703601|Original|hCoV-19
^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

Spike|hCoV-19|England|MILK-BAB190/2020|2020-11-17|EPI_ISL_681607|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19|England|QEUH-AD5A84/2020|2020-10-26|EPI_ISL_634641|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|England|ALDP-A928A7/2020|2020-10-20|EPI_ISL_611273|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Sweden/20-22279/2020|2020-09-17|EPI_ISL_654894|Original|hCoV-19
^Skane|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\"u00f6m|Sweden

Spike|hCoV-19|Australia/VIC2670/2020|2020-07-02|EPI_ISL_521512|Original|hCoV-19
^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

Spike|hCoV-19|Denmark/DCGC-13507/2020|2020-11-30|EPI_ISL_712843|Original|hCoV-19
^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

Spike|hCoV-19|England/QEUH-C5F464/2020|2020-12-14|EPI_ISL_760984|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19|England/QEUH-AD31BE/2020|2020-10-24|EPI_ISL_633700|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19|England/LIVE-A8574/2020|2020-03-26|EPI_ISL_517181|Original|hCoV-19
^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

Spike|hCoV-19|USA/AK-PHL868/2020|2020-07-06|EPI_ISL_528531|Original|hCoV-19
^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Drown|USA

Spike|hCoV-19|England/BRIS-13124B/2020|2020-05-22|EPI_ISL_467698|Original|hCoV-19
^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|USA/CA-CDPH294/2020|2020-12-04|EPI_ISL_755015|Original|hCoV-19
^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

Spike|hCoV-19|USA/WA-UW-13277/2020|2020-07-02|EPI_ISL_501130|Original|hCoV-19
^Washington|Human|University of Washington Virology Lab|University of Washington Virology Lab|Roychoudhury|USA

Spike|hCoV-19|England/BRIS-128344/2020|2020-04-16|EPI_ISL_469747|Original|hCoV-19
^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Spain/CL-IBV-97006272/2020|2020-04-21|EPI_ISL_537643|Original|hCoV-19
^Castilla y Leon|Human|Universidad de Le\"u00f1o\u00d0\u00e1n|SegCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

Spike|hCoV-19|England/MILK-9AB745/2020|2020-08-31|EPI_ISL_549457|Original|hCoV-19
^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

Spike|hCoV-19|Switzerland/GE-ETHZ-140087/2020|2020-04-20|EPI_ISL_476130|Original|hCoV-19
^Geneve|Human|Virollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

Spike|hCoV-19|Wales/PHWC-4A584D/2020|2020-12-16|EPI_ISL_764928|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing Lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19|USA/NDMDOH-2020132665/2020|2020-06-16|EPI_ISL_542020|Original|hCoV-19
^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA
>Spike|hCoV-19/Wales/ALDP-B19F84/2020|2020-11-01|EPI_ISL_710912|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spoke|hCoV-19/England/QEUV-B68997/2020|2020-11-11|EPI_ISL_661400|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spoke|hCoV-19/Denmark/DGCC-18060/2020|2020-12-14|EPI_ISL_749732|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen|Lab|Michaelsen|Denmark
>Spoke|hCoV-19/England/9DF827/2020|2020-10-31|EPI_ISL_728851|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spoke|hCoV-19/England/QEUV-AF3E0C/2020|2020-10-30|EPI_ISL_663203|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spoke|hCoV-19/USA/6111/2020|2020-09-21|EPI_ISL_621145|Original|hCoV-19^^Louisiana|Human|LSU HS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spoke|hCoV-19/USA/6111/2020|2020-09-21|EPI_ISL_621145|Original|hCoV-19^^Louisiana|Human|LSU HS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spoke|hCoV-19/Scotland/QEUH-96D7B8/2020|2020-08-20|EPI_ISL_534619|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre | MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19/England/MILK-8522E3/2020|2020-07-17|EPI_ISL_557396|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19/USA/Fl-BPHL-2115/2020|2020-03-11|EPI_ISL_653268|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spoke|hCoV-19/Australia/VIC6700/2020|2020-07-21|EPI_ISL_561458|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spoke|hCoV-19/Wales/MILK-9928D5/2020|2020-08-27|EPI_ISL_552066|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19/Scotland/QEUH-9B83C9/2020|2020-09-07|EPI_ISL_549600|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre | MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19/Iceland/92/2020|2020-03-10|EPI_ISL_417704|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland
>Spoke|hCoV-19/England/ALDP-CB6595/2020|2020-12-19|EPI_ISL_761832|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spoke|hCoV-19/Wales/PHWC-16ADEE/2020|2020-09-08|EPI_ISL_560201|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spoke|hCoV-19/USA/WA-UW-12362/2020|2020-06-27|EPI_ISL_570515|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
| Country          | Institution                                                                 | Region          | Culture          | Accession        | Type      |
|------------------|-------------------------------------------------------------------------------|-----------------|------------------|-----------------|-----------|
| England          | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium   | United Kingdom  | Human            | EPI_ISL_443041  | Original  |
| Denmark          | Midtjylland University of Southern Norway Diagnostics | Denmark         | Human            | EPI_ISL_712646  | Original  |
| USA              | Virginia Commonwealth Laboratory Medical Laboratories                      | Virginia        | Human            | EPI_ISL_472096  | Original  |
| England          | Virology Institute for Biotechnology | England         | Human            | EPI_ISL_666819  | Original  |
| England          | Liverpool Clinical Laboratories | England         | Human            | EPI_ISL_467973  | Original  |
| California       | UCSF Clinical Microbiology Laboratory | California     | Human            | EPI_ISL_444053  | Original  |
| England          | Lighthouse Lab in Cambridge | England         | Human            | EPI_ISL_453303  | Original  |
| England          | Liverpool Clinical Laboratories | England         | Human            | EPI_ISL_492975  | Original  |
| England          | NU-OMICS DNA Sequencing research facility | England         | Human            | EPI_ISL_453303  | Original  |
| England          | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | England         | Human            | EPI_ISL_746050  | Original  |
| California       | Ginkgo Bioworks Clinical Laboratory | California     | Human            | EPI_ISL_514962  | Original  |
| England          | Oxford University of Cambridge | England         | Human            | EPI_ISL_514962  | Original  |
| Victoria          | Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) | Australia      | Human            | EPI_ISL_514962  | Original  |
| South Korea      | CDC South Korea | South Korea     | Human            | EPI_ISL_514962  | Original  |
| England          | Cambridge University of Manchester | England         | Human            | EPI_ISL_610793  | Original  |
| Idaho             | UW Virology Lab | Idaho           | Human            | EPI_ISL_734197  | Original  |
| Virginia          | Virginia Division of Consolidated Laboratory Services (DCLS) | Virginia        | Human            | EPI_ISL_439612  | Original  |
| England          | Virology Institute for Biotechnology | England         | Human            | EPI_ISL_439612  | Original  |
| England          | Department of Pathology | England         | Human            | EPI_ISL_439612  | Original  |
| USA              | Virginia Commonwealth Laboratory Medical Laboratories | USA             | Human            | EPI_ISL_439612  | Original  |
| USA              | Virginia Commonwealth Laboratory Medical Laboratories | USA             | Human            | EPI_ISL_439612  | Original  |
Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

> Spike|hCoV-19|Wales|PHWRC-49B24C/2020|2020-10-30|EPI_ISL_742309|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19|England|MILK-A22A00/2020|2020-10-03|EPI_ISL_612537|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

> Spike|hCoV-19|United Arab Emirates/0300/2020|2020-05-17|EPI_ISL_698479|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodkzi|United Arab Emirates

> Spike|hCoV-19|Belgium/ULG-10318/2020|2020-07-27|EPI_ISL_540485|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

> Spike|hCoV-19|India/OR-RMRC110/2020|2020-05-06|EPI_ISL_455753|Original|hCoV-19^^Odisha|Human|REGIONAL VRDL, ICMR-RMRC BBSR|Immunogenomics lab|RagHAV|India

> Spike|hCoV-19|England/PORT-2E9E89/2020|2020-00-00|EPI_ISL_679970|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

> Spike|hCoV-19|Switzerland/ZH-ETHZ-260123/2020|2020-08-26|EPI_ISL_539430|Original|hCoV-19^^Zurich|Human|violliер AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

> Spike|hCoV-19|England/QEIH-B0F929/2020|2020-11-02|EPI_ISL_642183|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19|England/NORT-295A79/2020|2020-04-03|EPI_ISL_478646|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

> Spike|hCoV-19|England/ALDP-9ECDA0/2020|2020-05-05|EPI_ISL_589283|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|England/ALDP-A6PDFF/2020|2020-10-14|EPI_ISL_607233|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|Denmark/DGCC-14244/2020|2020-11-30|EPI_ISL_711650|Original|hCoV-19^^Novedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

> Spike|hCoV-19|Scotland/EDB6147/2020|2020-05-14|EPI_ISL_473886|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

> Spike|hCoV-19|USA/CA-CZB-13373/2020|2020-05-13|EPI_ISL_672450|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

> Spike|hCoV-19|Denmark/DCGC-8970/2020|2020-10-26|EPI_ISL_625740|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

> Spike|hCoV-19|Scotland/QEIH-AP234A/2020|2020-10-30|EPI_ISL_676441|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19|Spain/VC-IBV-98004496/2020|2020-03-26|EPI_ISL_583947|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SegCOVID-SPAIN consortium|IBV|Comas|Spain

> Spike|hCoV-19|India/MH-ACITREC-244/2020|2020-07-06|EPI_ISL_699897|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
Spike|hCoV-19/Wales/PHWC-496ED4/2020|2020-11-25|EPI_ISL_726745|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19/USA/FL-BPHL-0291/2020|2020-05-15|EPI_ISL_480942|Original|hCoV-19^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

Spike|hCoV-19/Portugal/PT0464/2020|2020-04-17|EPI_ISL_454188|Original|hCoV-19^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

Spike|hCoV-19/USA/VA-DCLS-1880/2020|2020-09-23|EPI_ISL_644916|Original|hCoV-19^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

Spike|hCoV-19/England/ALDP-9BC9B4/2020|2020-09-09|EPI_ISL_573039|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

Spike|hCoV-19/England/MILK-A47838/2020|2020-10-05|EPI_ISL_598514|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Luxembourg/LNS4499016/2020|2020-10-27|EPI_ISL_740482|Original|hCoV-19^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

Spike|hCoV-19/England/QEUH-9B746D/2020|2020-09-07|EPI_ISL_590536|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Denmark/DGCC-18521/2020|2020-12-07|EPI_ISL_749244|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertlsen Lab|Michaelsen|Denmark

Spike|hCoV-19/USA/TX-HMH-5532/2020|2020-06-26|EPI_ISL_544844|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19/England/LOND-DA2BE/2020|2020-11-07|EPI_ISL_724614|Original|hCoV-19^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

Spike|hCoV-19/England/ALDP-A6D69C/2020|2020-10-14|EPI_ISL_608032|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/CAMC-941398/2020|2020-07-23|EPI_ISL_556859|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/ALDP-B852C6/2020|2020-11-15|EPI_ISL_675593|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/Spain/VC-FISABIO-549/2020|2020-03-26|EPI_ISL_447491|Original|hCoV-19^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Clinico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

Spike|hCoV-19/England/CAMB-737F4/2020|2020-03-31|EPI_ISL_425242|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

Spike|hCoV-19/England/CAMB-770E6/2020|2020-03-31|EPI_ISL_439380|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
Spike|hCoV-19/Portugal/PT0222/2020|2020-03-30|EPI_ISL_453936|Original|hCoV-19('^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal
Spike|hCoV-19/England/PORT-2D4D1B/2020|2020-00-00|EPI_ISL_703082|Original|hCoV-19('^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
Spike|hCoV-19/Singapore/420/2020|2020-04-09|EPI_ISL_475951|Original|hCoV-19('^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
Spike|hCoV-19/USA/TX-HMH-MCoV-8506/2020|2020-07-01|EPI_ISL_780457|Original|hCoV-19('^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/USA/CA-IGI-0592/2020|2020-08-01|EPI_ISL_677838|Original|hCoV-19('^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA
Spike|hCoV-19/England/CAMB-7DA88/2020|2020-04-06|EPI_ISL_441624|Original|hCoV-19('^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
Spike|hCoV-19/Australia/VIC13787/2020|2020-08-17|EPI_ISL_563837|Original|hCoV-19('^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19/USA/MN-MDH-2167/2020|2020-05-08|EPI_ISL_723118|Original|hCoV-19('^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA
Spike|hCoV-19/Denmark/DCGC-5273/2020|2020-09-14|EPI_ISL_615204|Original|hCoV-19('^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
Spike|hCoV-19/England/MILK-AB9084/2020|2020-10-20|EPI_ISL_623577|Original|hCoV-19('^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Scotland/QEUH-9098EB/2020|2020-08-24|EPI_ISL_540117|Original|hCoV-19('^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/TX-HMH-890/2020|2020-04-16|EPI_ISL_545903|Original|hCoV-19('^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/England/PORT-2D2472/2020|2020-03-25|EPI_ISL_507145|Original|hCoV-19('^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
Spike|hCoV-19/USA/NY-QDX-870/2020|2020-03-16|EPI_ISL_571676|Original|hCoV-19('^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
Spike|hCoV-19/USA/NY-NYUMC373/2020|2020-04-10|EPI_ISL_430400|Original|hCoV-19('^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
Spike|hCoV-19/England/ALDP-59A279/2020|2020-06-13|EPI_ISL_558277|Original|hCoV-19('^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/MILK-ACCD96/2020|2020-10-21|EPI_ISL_630180|Original|hCoV-19('^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Japan/PG-7571/2020|2020-07-00|EPI_ISL_686673|Original|hCoV-19('^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19/England/QEUH-CADCD8/2020|2020-12-20|EPI_ISL_761207|Original|hCoV-19('^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/England/QEUH-AF46E5/2020|2020-10-30|EPI_ISL_662837|Original|hCoV-19('^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/Canada/ON-S789/2020|2020-04-00|EPI_ISL_591229|Original|hCoV-19('^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
>Spike|hCoV-19/England/CAMC-A580A5/2020|2020-10-07|EPI_ISL_596962|Original|hCoV-19
>England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp>|hCoV-19/Australia/TAS269/2020|2020-04-11|EPI_ISL_522697|Original|hCoV-19
>Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia
>Sp>|hCoV-19/England/QEUH-AF2508/2020|2020-10-30|EPI_ISL_662738|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp>|hCoV-19/England/MILK-992ADF/2020|2020-08-28|EPI_ISL_552059|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp>|hCoV-19/USA/WI-UW-2180/2020|2020-10-22|EPI_ISL_677584|Original|hCoV-19
>USA
>Sp>|hCoV-19/England/QEUH-687/2020|2020-09-29|EPI_ISL_643543|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp>|hCoV-19/England/QEUH-11|EPI_ISL_595780|Original|hCoV-19
>England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Sp>|hCoV-19/USA/AZ-TG371274/2020|2020-05-15|EPI_ISL_694533|Original|hCoV-19
>Arizona|Human|AZ SPHL|TGen North|French|USA
>Sp>|hCoV-19/Singapore/687/2020|2020-07-09|EPI_ISL_498585|Original|hCoV-19
>Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Nak|Singapore
>Sp>|hCoV-19/England/EXET-13EEB3/2020|2020-12-14|EPI_ISL_764217|Original|hCoV-19
>England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Sp>|hCoV-19/USA/FL-BPHL-0319/2020|2020-04-13|EPI_ISL_489728|Original|hCoV-19
>Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Sp>|hCoV-19/Jordan/AM-ALSR-3957/2020|2020-09-30|EPI_ISL_636320|Original|hCoV-19
>Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan
>Sp>|hCoV-19/USA/MN-GMF-05101/2020|2020-06-02|EPI_ISL_471144|Original|hCoV-19
>Minnesota|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA
>Sp>|hCoV-19/USA/TX-HMH-MCoV-18599/2020|2020-11-19|EPI_ISL_784947|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Sp>|hCoV-19/USA/CA-UCLA-157/2020|2020-03-31|EPI_ISL_537496|Original|hCoV-19
>California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA
>Sp>|hCoV-19/England/QEUH-B68C07/2020|2020-11-11|EPI_ISL_661535|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp>|hCoV-19/Scotland/QEUH-A4CC37/2020|2020-10-08|EPI_ISL_596035|Original|hCoV-19
>Scotland|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Sp>|hCoV-19/USA/TX-HMH-MCoV-8625/2020|2020-07-01|EPI_ISL_780659|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Sp>|hCoV-19/England/CAMC-BOB4E0/2020|2020-10-29|EPI_ISL_643543|Original|hCoV-19
>England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

EPI ISL numbers correspond to the original sequence numbers, which can be accessed for further analysis.
>Spike|hCoV-19/Wales/ALDP-C3C290/2020|2020-12-10|EPI_ISL_767235|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-B63B69/2020|2020-11-08|EPI_ISL_656388|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-MILK-9A6DB1/2020|2020-09-03|EPI_ISL_550129|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-20122005804/2020|2020-03-16|EPI_ISL_465733|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/California/USA/FL-FL-BPHEL-2123/2020|2020-03-13|EPI_ISL_653276|Original|hCoV-19^^California|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/England/ALDP-B49000/2020|2020-11-07|EPI_ISL_649249|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-LOND-124373/2020|2020-04-07|EPI_ISL_492885|Original|hCoV-19^^England|Human|Royal Free Hospital / Health Services Laboratories|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/New York/USA/2123/2020|2020-10-20|EPI_ISL_734387|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
>Spike|hCoV-19/England/ALDP-20122119202/2020|2020-03-17|EPI_ISL_418679|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/England/ALDP-16441C/2020|2020-04-30|EPI_ISL_474175|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-B63B69/2020|2020-11-08|EPI_ISL_656388|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-A00C2/2020|2020-10-22|EPI_ISL_624041|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Panama/332833/2020|2020-03-25|EPI_ISL_496726|Original|hCoV-19^^Panama|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama
>Spike|hCoV-19/England/ALDP-20122119202/2020|2020-03-17|EPI_ISL_418679|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/England/ALDP-16441C/2020|2020-04-30|EPI_ISL_474175|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Malaysia/332833/2020|2020-03-25|EPI_ISL_496726|Original|hCoV-19^^Malaysia|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama
>Spike|hCoV-19/England/ALDP-16441C/2020|2020-04-30|EPI_ISL_474175|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|England/GSTT-265E26B/2020|2020-03-31|EPI_ISL_484176|Original|hCoV-19
^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom
Spike|hCoV-19|England/ALDP-A6CB61/2020|2020-10-15|EPI_ISL_608140|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Chile/RM-191841/2020|2020-09-26|EPI_ISL_746750|Original|hCoV-19
^Region Metropolitana de Santiago|Human|Genética Molecular and Subdepartamento de Virología ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile
Spike|hCoV-19|Israel/CVL-285-NGS/2020|2020-12-27|EPI_ISL_776834|Original|hCoV-19
^Israel|Human|Israel Central Virology Laboratory|Israel Central Virology Laboratory|Zuckerman|Israel
Spike|hCoV-19|USA/WI-GMF-20389/2020|2020-09-15|EPI_ISL_547866|Original|hCoV-19
^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA
Spike|hCoV-19|Japan/PG-6841/2020|2020-09-00|EPI_ISL_687949|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19|USA/CT-Yale-305/2020|2020-03-30|EPI_ISL_476534|Original|hCoV-19
^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA
Spike|hCoV-19|Australia/WA348/2020|2020-10-21|EPI_ISL_605825|Original|hCoV-19
^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia
Spike|hCoV-19|England/ALDP-A859A4/2020|2020-10-18|EPI_ISL_610373|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|India/MH-ACTREC-318/2020|2020-07-16|EPI_ISL_699967|Original|hCoV-19
^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
Spike|hCoV-19|Wales/PHWC-48DBD9/2020|2020-11-02|EPI_ISL_680738|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19|England/QEUH-96B2B9/2020|2020-08-14|EPI_ISL_531385|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Sweden/20-53829/2020|2020-12-16|EPI_ISL_789029|Original|hCoV-19
^Vasterbotten|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr|00f6m|Sweden
Spike|hCoV-19|Japan/PG-2964/2020|2020-04-00|EPI_ISL_691090|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19|Denmark/DGCC-13907/2020|2020-11-30|EPI_ISL_713096|Original|hCoV-19
^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
Spike|hCoV-19|England/ALDP-A2F766/2020|2020-10-05|EPI_ISL_587173|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA/VA-DCLS-1281/2020|2020-08-14|EPI_ISL_572295|Original|hCoV-19
^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
Spike|hCoV-19|England/201420835/2020|2020-03-30|EPI_ISL_465945|Original|hCoV-19
^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
Spike|hCoV-19|USA/GA-QDX-2115/2020|2020-03-14|EPI_ISL_604449|Original|hCoV-19
^Georgia|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
Spike|hCoV-19|USA/TX-HMH-MCoV-13455/2020|2020-08-23|EPI_ISL_788590|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|USA/NY-Wadsworth-280102-01/2020|2020-11-25|EPI_ISL_754492|Original|hCoV-19
^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
Spike|hCoV-19|England/QEUH-BCBADD/2020|2020-11-27|EPI_ISL_704523|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|Spain/CT-IBV-99009892/2020|2020-08-07|EPI_ISL_660289|Original|hCoV-19|^Catalunya|Human|Servicio de Microbiologia|Comas|Spain
>SpIke|hCoV-19|Denmark/DGCC-11070/2020|2020-11-02|EPI_ISL_670378|Original|hCoV-19|^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>SpIke|hCoV-19|England/MLK-9E31E9/2020|2020-09-21|EPI_ISL_581280|Original|hCoV-19|^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19|USA/CA-CZB-13949/2020|2020-06-22|EPI_ISL_738775|Original|hCoV-19|^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA
>SpIke|hCoV-19|Virginia/VA-CZB-14158/2020|2020-10-17|EPI_ISL_739429|Original|hCoV-19|^California|Human|Madera County Department of Public Health|Chan-Zuckerberg Biohub|Kamm|USA
>SpIke|hCoV-19|England/CAMC-B09D8D/2020|2020-10-29|EPI_ISL_673228|Original|hCoV-19|^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19|Denmark/DGCC-14148/2020|2020-11-30|EPI_ISL_711591|Original|hCoV-19|^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>SpIke|hCoV-19|USA/MI-UM-10033907638/2020|2020-04-11|EPI_ISL_578155|Original|hCoV-19|^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>SpIke|hCoV-19|Italy/TUS-DBM-17/2020|2020-05-08|EPI_ISL_583966|Original|hCoV-19|^Tuscany|Human|UOC Microbiologia e Virologia|Dipartimento di Biotecnologie Mediche|Pinzauti|Italy
>SpIke|hCoV-19|England/QUEUH-B7D540/2020|2020-11-14|EPI_ISL_741872|Original|hCoV-19|^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>SpIke|hCoV-19|England/ALDP-888CFC/2020|2020-06-29|EPI_ISL_557111|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19|Japan/PG-3573/2020|2020-06-00|EPI_ISL_691829|Original|hCoV-19|^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>SpIke|hCoV-19|Japan/PG-4134/2020|2020-07-00|EPI_ISL_692373|Original|hCoV-19|^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>SpIke|hCoV-19|USA/TX-HNH-MCoV-12539/2020|2020-09-29|EPI_ISL_789830|Original|hCoV-19|^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>SpIke|hCoV-19|Luxembourg/LNS3052946/2020|2020-03-17|EPI_ISL_421748|Original|hCoV-19|^Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Wienecke-Baldacchino|Luxembourg
>SpIke|hCoV-19|Scotland/QEUH-9CF6A8/2020|2020-09-17|EPI_ISL_601958|Original|hCoV-19|^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19|Australia/VIC16960/2020|2020-08-19|EPI_ISL_663661|Original|hCoV-19|^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>SpIke|hCoV-19|Japan/PG-5895/2020|2020-08-00|EPI_ISL_689010|Original|hCoV-19|^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>SpIke|hCoV-19|England/MLK-AB7CEC/2020|2020-10-21|EPI_ISL_623621|Original|hCoV-19|^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19|Belgium/rega-12111375/2020|2020-12-11|EPI_ISL_738428|Original|hCoV-19|^Mo|Human|UZ Leuven|KU Leuven|Maes|Belgium
>SpIke|hCoV-19|Canada/QC-LSPQ-L00234878/2020|2020-03-24|EPI_ISL_536077|Original|hCoV-19|^Quebec|Human|H^Yu0f4pital Charles-LeMoyne|Laboratoire de sant^u00e9 publique du Qu^u00e9bec|Moreira|Canada
>SpIke|hCoV-19|Denmark/ALAB-SSI-835/2020|2020-03-27|EPI_ISL_444930|Original|hCoV-19|^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark
>Spiek|hCoV-19/Scotland/EDB9253/2020|2020-11-04|EPI_ISL_652053|Original|hCoV-19^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spiek|hCoV-19/Denmark/DGCC-3180/2020|2020-08-31|EPI_ISL_616002|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelelsen|Denmark

>Spiek|hCoV-19/England/CAMB-7BF9A/2020|2020-04-04|EPI_ISL_442127|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spiek|hCoV-19/Wales/PHWC-36344/2020|2020-04-30|EPI_ISL_474654|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spiek|hCoV-19/England/NORT-295EB9/2020|2020-03-31|EPI_ISL_478667|Original|hCoV-19^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spiek|hCoV-19/England/MILK-C6171B/2020|2020-12-13|EPI_ISL_735848|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spiek|hCoV-19/England/NNP/5167/2020|2020-10-20|EPI_ISL_651318|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelelsen|Denmark

>Spiek|hCoV-19/England/EXET-13AA59/2020|2020-11-07|EPI_ISL_665082|Original|hCoV-19^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spiek|hCoV-19/Gibraltar/205121234/2020|2020-00-00|EPI_ISL_766358|Original|hCoV-19^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spiek|hCoV-19/Northern Ireland/NIRE-109121/2020|2020-10-20|EPI_ISL_651318|Original|hCoV-19^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spiek|hCoV-19/England/ALDP-BB9803/2020|2020-11-20|EPI_ISL_702899|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spiek|hCoV-19/England/QEUA-A8BF8E/2020|2020-10-15|EPI_ISL_643305|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spiek|hCoV-19/England/NORW-F1B01/2020|2020-11-04|EPI_ISL_665587|Original|hCoV-19^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikan|United Kingdom

>Spiek|hCoV-19/England/C200021007/2020|2020-00-00|EPI_ISL_636686|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spiek|hCoV-19/Wales/PHWC-29238/2020|2020-04-02|EPI_ISL_445498|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spiek|hCoV-19/Sweden/20-22126/2020|2020-07-03|EPI_ISL_582793|Original|hCoV-19^Orebro|Human|Orebro klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden
>Spike|hCoV-19|England/MILK-B8E98C/2020|2020-11-13|EPI_ISL_674797|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp|hCoV-19|England/QEUE-AE3036/2020|2020-10-26|EPI_ISL_633576|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp|hCoV-19|England/ALDP-9DJB15/2020|2020-09-18|EPI_ISL_576794|Original|hCoV-19
>England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Sp|hCoV-19|USA/CA-CHLA-PLM63495917/2020|2020-12-03|EPI_ISL_753626|Original|hCoV-19
>California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA
>Sp|hCoV-19|Australia/VIC2479/2020|2020-06-28|EPI_ISL_522182|Original|hCoV-19
>Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Sp|hCoV-19|Denmark/DCGC-12611/2020|2020-11-16|EPI_ISL_682792|Original|hCoV-19
>Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Sp|hCoV-19|England/MILK-A79A0A/2020|2020-10-15|EPI_ISL_606703|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp|hCoV-19|USA/TX-HMH-MCOV-15775/2020|2020-07-09|EPI_ISL_785459|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Sp|hCoV-19|England/BIRM-66E86/2020|2020-10-27|EPI_ISL_651413|Original|hCoV-19
>England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom
>Sp|hCoV-19|USA/UT-UPHL-2012190379/2020|2020-08-18|EPI_ISL_745499|Original|hCoV-19
>Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA
>Sp|hCoV-19|England/CAMC-B34A64/2020|2020-11-05|EPI_ISL_659431|Original|hCoV-19
>England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp|hCoV-19|USA/TX-HMH-2098/2020|2020-05-23|EPI_ISL_545119|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Sp|hCoV-19|England/BRIS-12B0D1/2020|2020-05-06|EPI_ISL_469830|Original|hCoV-19
>England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp|hCoV-19|Turkey/HSGM-8990/2020|2020-03-22|EPI_ISL_429870|Original|hCoV-19
>Sakarya|Human|Ministry of Health Turkey|Ministry of Health Turkey|Bayrakdar|Turkey
>Sp|hCoV-19|England/ALDP-A66EE6/2020|2020-10-12|EPI_ISL_630695|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp|hCoV-19|Australia/VIC14543/2020|2020-08-27|EPI_ISL_592883|Original|hCoV-19
>Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Sp|hCoV-19|Japan/IC-0156/2020|2020-08-00|EPI_ISL_667585|Original|hCoV-19
>Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Sp|hCoV-19|Scotland/EDB9111/2020|2020-10-24|EPI_ISL_652046|Original|hCoV-19
>Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
>Sp|hCoV-19|Denmark/DGCC-13575/2020|2020-11-30|EPI_ISL_712886|Original|hCoV-19
>Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Sp|hCoV-19/Columbia/CUN-INS-T12/2020|2020-03-11|EPI_ISL_498170|Original|hCoV-19
>Cundinamarca|Human|Instituto Nacional de Salud|Instituto Nacional de Salud|Franco-Muñoz|Colombia
>Sp|hCoV-19/England/SHEF-10D3953/2020|2020-12-19|EPI_ISL_742060|Original|hCoV-19
>England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/USA/NY-Wadsworth-292758-01/2020|2020-12-21|EPI_ISL_769935|Original|hCoV-19^^New York|Human|Albany Medical Center Hospital Clinical Laboratories|Wadsworth Center|Lasek-Nesselquist|USA
>Spie|hCoV-19/USA/VA-DCLS-2456/2020|2020-11-18|EPI_ISL_734201|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA
>Spie|hCoV-19/India/HR-IMT-CB117/2020|2020-08-27|EPI_ISL_560324|Original|hCoV-19^^Haryana|Human|Civil Hospital|CSR-Institute of Microbial Technology|Patil|India
>Spie|hCoV-19/USA/MN-MDH-1162/2020|2020-05-04|EPI_ISL_476747|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA
>Spie|hCoV-19/Canada/ON-PHL-20-01292/2020|2020-06-00|EPI_ISL_548896|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada
>Spie|hCoV-19/Germany/NW-HHU-280/2020|2020-09-28|EPI_ISL_770755|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum Gbr \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany
>Spie|hCoV-19/England/ALDP-B485F3/2020|2020-11-07|EPI_ISL_649372|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spie|hCoV-19/Wales/PHWC-360A7/2020|2020-04-29|EPI_ISL_474616|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spie|hCoV-19/Scotland/EDB8868/2020|2020-10-27|EPI_ISL_652011|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
>Spie|hCoV-19/Denmark/DGCC-4648/2020|2020-09-14|EPI_ISL_621880|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spie|hCoV-19/England/20193064704/2020|2020-03-28|EPI_ISL_465854|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spie|hCoV-19/USA/DE-DSHS-F980693/2020|2020-08-19|EPI_ISL_708401|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA
>Spie|hCoV-19/Japan/PG-5937/2020|2020-00-00|EPI_ISL_689052|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan
>Spie|hCoV-19/Ireland/D-NVRL-MPU79359/2020|2020-04-11|EPI_ISL_767758|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland
>Spie|hCoV-19/USA/MA-MGH-00184/2020|2020-03-27|EPI_ISL_460113|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA
>Spie|hCoV-19/England/MILK-B867B7/2020|2020-11-13|EPI_ISL_674076|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spie|hCoV-19/England/ALDP-B55C25/2020|2020-11-09|EPI_ISL_655455|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spie|hCoV-19/Netherlands/LI-EMC-84/2020|2020-03-27|EPI_ISL_523289|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spie|hCoV-19/Japan/PG-6452/2020|2020-08-00|EPI_ISL_689557|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spie|hCoV-19/England/CAMC-B0B44A/2020|2020-10-29|EPI_ISL_643459|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spie|hCoV-19/Wales/PHWC-16924A/2020|2020-06-23|EPI_ISL_499423|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/Switzerland/BE-ETHZ-100237/2020|2020-03-18|EPI_ISL_574920|Original|hCoV-19^Bern|Human|Saint Louis University School of Medicine|Nadeau|Switzerland
Spike|hCoV-19/Scotland/CAMC-A570B5/2020|2020-10-08|EPI_ISL_609181|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/MILK-B55256/2020|2020-11-04|EPI_ISL_709901|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/NORT-28356E/2020|2020-03-31|EPI_ISL_478496|Original|hCoV-19^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
Spike|hCoV-19/Colombia/AMA-INS-0505/2020|2020-09-22|EPI_ISL_739665|Original|hCoV-19^Amazonas|Human|Instituto Nacional de Salud|Instituto Nacional de Salud|Franco-Muñoz|Colombia
Spike|hCoV-19/Japan/PG-6826/2020|2020-06-00|EPI_ISL_687934|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19/Ghana/84438_S50/2020|2020-05-24|EPI_ISL_515111|Original|hCoV-19^Ghana|Human|Department of Biochemistry|WACCBI|Amuzu|Ghana
Spike|hCoV-19/England/ALDP-9C57BE/2020|2020-09-10|EPI_ISL_567633|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/CAMC-C2CFBA/2020|2020-12-08|EPI_ISL_733716|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/BRIS-1260F4/2020|2020-04-10|EPI_ISL_459008|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/LIVE-DCBA24/2020|2020-11-25|EPI_ISL_724446|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
Spike|hCoV-19/England/BIRM-5E443/2020|2020-03-23|EPI_ISL_444296|Original|hCoV-19^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom
Spike|hCoV-19/Wales/PHWC-48174A/2020|2020-10-12|EPI_ISL_613103|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/Germany/NW-UBI-41/2020|2020-06-17|EPI_ISL_631295|Original|hCoV-19^North Rhine-Westphalia|Human|MVZ DIAMEDIS Diagnostische Medizin Sennestadt GmbH|Bielefeld University|Brandt|Germany
Spike|hCoV-19/England/SHEF-DOCE7/2020|2020-06-14|EPI_ISL_479272|Original|hCoV-19^England|Human|University Department of COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
Spike|hCoV-19/England/201180389/2020|2020-03-11|EPI_ISL_464906|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
Spike|hCoV-19/Chile/RM-73254/2020|2020-05-23|EPI_ISL_746790|Original|hCoV-19^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile
Spike|hCoV-19/Denmark/DGCC-2457/2020|2020-08-03|EPI_ISL_617417|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
Spike|hCoV-19/USA/MN-MDH-1528/2020|2020-07-14|EPI_ISL_527593|Original|hCoV-19^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA
Spike|hCoV-19/USA/WI-WSLH-200713/2020|2020-06-29|EPI_ISL_631470|Original|hCoV-19^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA
Spike|hCoV-19/Denmark/DCGC-7094/2020|2020-10-12|EPI_ISL_619136|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelisen|Denmark

Spike|hCoV-19/USA/CO-CDPHE-2008081584/2020|2020-08-06|EPI_ISL_710322|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Pupal Health and Environment|Bankers|USA

Spike|hCoV-19/Latvia/152/2020|2020-08-29|EPI_ISL_639649|Original|hCoV-19^^Latvia|Human|E. Gulbja Laboratorija|Latvian Biomedical Research and Study Centre|Zrelovs|Latvia

Spike|hCoV-19/England/ALDP-C3B088/2020|2020-12-09|EPI_ISL_731701|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/Canada/QC-LSPQ-L00219619/2020|2020-03-15|EPI_ISL_535795|Original|hCoV-19^^Quebec|Human|H\u00e0llof Notre-Dame|Laboratoire de sant\u00e9 publice du Qu\u00e9bec|Moreira|Canada

Spike|hCoV-19/Italy/LAZ-INMI-82/2020|2020-08-18|EPI_ISL_609990|Original|hCoV-19^^Lazio|Human|INMI Lazzaro Spallanzani IRCCS|INMI Lazzaro Spallanzani IRCCS|Gruber|Italy

Spike|hCoV-19/Australia/VIC3881/2020|2020-07-13|EPI_ISL_520594|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

Spike|hCoV-19/Scotland/CVRS5405/2020|2020-09-22|EPI_ISL_651803|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

Spike|hCoV-19/Equatorial Guinea/20628/2020|2020-06-17|EPI_ISL_648366|Original|hCoV-19^^Bioko Norte|Human|Laboratorio de Investigaciones de Baney|University Hospital Basel|Hosch|Equatorial Guinea

Spike|hCoV-19/USA/MN-QDX-980/2020|2020-03-15|EPI_ISL_571779|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

Spike|hCoV-19/Canada/ON-5322/2020|2020-03-29|EPI_ISL_586396|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

Spike|hCoV-19/USA/NY-NYCPHL-000783/2020|2020-03-18|EPI_ISL_631263|Original|hCoV-19^^New York|Human|Richmond University Medical Center|New York City Public Health Laboratory|Wang|USA

Spike|hCoV-19/England/CAMB-8374C/2020|2020-04-15|EPI_ISL_443474|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

Spike|hCoV-19/Netherlands/GE-EMC-242/2020|2020-00-00|EPI_ISL_523221|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

Spike|hCoV-19/England/ALDP-B847E6/2020|2020-11-14|EPI_ISL_675382|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/Australia/VIC3995/2020|2020-07-14|EPI_ISL_519384|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

Spike|hCoV-19/Denmark/DCGC-13564/2020|2020-11-30|EPI_ISL_712879|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark

Spike|hCoV-19/Netherlands/FR-RIVM-20302/2020|2020-11-23|EPI_ISL_723441|Original|hCoV-19^^Friesland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

Spike|hCoV-19/Japan/IC-00484/2020|2020-12-00|EPI_ISL_768693|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

Spike|hCoV-19/England/ALDP-A92B9F/2020|2020-10-19|EPI_ISL_611249|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spke|hCoV-19/Wales/PHWC-169CF1/2020|2020-08-07|EPI_ISL_529704|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spke|hCoV-19/Denmark/DGCC-6657/2020|2020-10-12|EPI_ISL_619560|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
Spke|hCoV-19/USA/MN-MDH-1216/2020|2020-05-26|EPI_ISL_477305|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA
Spke|hCoV-19/Scotland/EDB4777/2020|2020-05-11|EPI_ISL_478186|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
Spke|hCoV-19/England/MILK-B55D19/2020|2020-11-06|EPI_ISL_658346|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spke|hCoV-19/Japan/PG-7172/2020|2020-07-00|EPI_ISL_688277|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
Spke|hCoV-19/England/MILK-A7D74B/2020|2020-10-11|EPI_ISL_606328|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spke|hCoV-19/England/SHEF-CCB4/2020|2020-04-30|EPI_ISL_490624|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
Spke|hCoV-19/USA/MI-MDHSS-SC20930/2020|2020-05-29|EPI_ISL_476066|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
Spke|hCoV-19/Netherlands/ZuidHolland_164/2020|2020-05-14|EPI_ISL_461336|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
Spke|hCoV-19/USA/WA-S831/2020|2020-04-16|EPI_ISL_450001|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
Spke|hCoV-19/USA/TX-DHSS-0772/2020|2020-05-21|EPI_ISL_590841|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
Spke|hCoV-19/Germany/BAV-MVP0179/2020|2020-04-12|EPI_ISL_548952|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany
Spke|hCoV-19/Japan/PG-2443/2020|2020-04-00|EPI_ISL_686048|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
Spke|hCoV-19/Japan/PG-4924/2020|2020-07-00|EPI_ISL_690404|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
Spke|hCoV-19/England/QEUH-9FA4E6/2020|2020-09-29|EPI_ISL_588078|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spke|hCoV-19/Austria/CeMM0112/2020|2020-03-17|EPI_ISL_437970|Original|hCoV-19^^Sistrans|Human|Universitaetsklinik f\u00fcr Innere Medizin II Innsbruck|Bergthaler laboratory|Bergthaler|Austria
Spke|hCoV-19/England/NOTT-111CF8/2020|2020-06-04|EPI_ISL_472397|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
Spke|hCoV-19/Wales/PHWC-4A42B9/2020|2020-12-16|EPI_ISL_764274|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spke|hCoV-19/USA/MI-MDHSS-SC21771/2020|2020-08-13|EPI_ISL_529889|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
> Spike|hCoV-19|England|MLK-C30205|2020|2020-12-07|EPI_ISL_782864|Original|hCoV-19

> Spike|hCoV-19|England|C30205|2020|2020-12-07|EPI_ISL_782864|Original|hCoV-19

> Spike|hCoV-19|England|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19|England|CAMB-796FB|2020|2020-04-01|EPI_ISL_441211|Original|hCoV-19

> Spike|hCoV-19|England|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

> Spike|hCoV-19|Wales|PHWC-494216|2020|2020-11-19|EPI_ISL_726085|Original|hCoV-19

> Spike|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19|Switzerland|VS-ETHZ-260042|2020|08-22|EPI_ISL_539372|Original|hCoV-19

> Spike|hCoV-19|Northern Ireland|NIRE-235158|2020|10-15|EPI_ISL_763388|Original|hCoV-19

> Spike|hCoV-19|Northern Ireland|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

> Spike|hCoV-19|USA|UT-UPHL-01657|2020|2020-04-07|EPI_ISL_560857|Original|hCoV-19

> Spike|hCoV-19|USA|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

> Spike|hCoV-19|Germany|SH-ChVir20795|2020|2020-12-02|EPI_ISL_729703|Original|hCoV-19

> Spike|hCoV-19|Schleswig-Holstein|Human|A. Krumholz|Charité|Universität Campus Berlin|Muehlemann|Germany

> Spike|hCoV-19|Germany|NW-hpi-p1542|2020|2020-03-15|EPI_ISL_775681|Original|hCoV-19

> Spike|hCoV-19|Nordrhein-Westfalen|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Röbitaille|Germany

> Spike|hCoV-19|Australia|VIC297|2020|2020-03-23|EPI_ISL_419988|Original|hCoV-19

> Spike|hCoV-19|Victoria|Human|Victoria Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

> Spike|hCoV-19|England|QEUH-9F5B04|2020|2020-09-25|EPI_ISL_588325|Original|hCoV-19

> Spike|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|USA|MI-QDX-894|2020|2020-03-19|EPI_ISL_571615|Original|hCoV-19

> Spike|hCoV-19|Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

> Spike|hCoV-19|Japan|PG-7948|2020|2020-05-00|EPI_ISL_687049|Original|hCoV-19

> Spike|hCoV-19|Japan|Human|Kanagawa Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

> Spike|hCoV-19|Netherlands|ZH-EMC-914|2020|2020-11-04|EPI_ISL_722722|Original|hCoV-19

> Spike|hCoV-19|Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

> Spike|hCoV-19|USA|CA-CZB-1794|2020|2020-04-16|EPI_ISL_486123|Original|hCoV-19

> Spike|hCoV-19|California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

> Spike|hCoV-19|France|PAC-IHU-0531|2020|2020-04-07|EPI_ISL_569575|Original|hCoV-19

> Spike|hCoV-19|Provence-Alpes-Côte d'Azur|Human|MEPHI|MEPHI|Levasseur|France

> Spike|hCoV-19|USA|NC_200300|2020|2020-03-00|EPI_ISL_454814|Original|hCoV-19

> Spike|hCoV-19|North Carolina|Human|Dirk Dittmer|Dirk Dittmer|Moore|USA

> Spike|hCoV-19|Wales|PHWC-33C88|2020|2020-04-17|EPI_ISL_446809|Original|hCoV-19

> Spike|hCoV-19|Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

> Spike|hCoV-19|England|ALDP-B23F5A|2020|2020-11-04|EPI_ISL_646166|Original|hCoV-19

> Spike|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19|England|LOND-D4C2F|2020|2020-04-14|EPI_ISL_449665|Original|hCoV-19

> Spike|hCoV-19|England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

> Spike|hCoV-19|Singapore|270|2020|2020-04-14|EPI_ISL_462388|Original|hCoV-19

> Spike|hCoV-19|Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

> Spike|hCoV-19|Spain|MD-H12-H12-2208|2020|2020-03-27|EPI_ISL_421178|Original|hCoV-19

> Spike|hCoV-19|Madrid|Human|Hospital Universitario 12 de Octubre|Hospital Universitario 12 de Octubre|Viedma|Spain
Spike|hCoV-19^Scotland|QEUH-A1FC00/2020|2020-10-01|EPI_ISL_599066|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19^USA/AZ-TG648600/2020|2020-04-27|EPI_ISL_695850|Original|hCoV-19^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

Spike|hCoV-19^Australia/SAP362/2020|2020-03-22|EPI_ISL_483133|Original|hCoV-19^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

Spike|hCoV-19^USA/TX-HNH-MCoV-10728/2020|2020-07-09|EPI_ISL_789112|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19^England/QEUH-B7EDA1/2020|2020-11-14|EPI_ISL_667917|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19^Wales/PHWC-48402E/2020|2020-10-24|EPI_ISL_627957|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19^Denmark/DGCC-2684/2020|2020-08-10|EPI_ISL_617633|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

Spike|hCoV-19^Belgium/UGent-105/2020|2020-03-18|EPI_ISL_475065|Original|hCoV-19^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

Spike|hCoV-19^England/CAMB-1BD678/2020|2020-11-27|EPI_ISL_764327|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

Spike|hCoV-19^USA/OR-OHSU-1031/2020|2020-07-07|EPI_ISL_525954|Original|hCoV-19^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

Spike|hCoV-19^Belgium/rega-0707688/2020|2020-07-07|EPI_ISL_734793|Original|hCoV-19^Langdorp|Human|UZ Leuven|KU Leuven|Maes|Belgium

Spike|hCoV-19^Australia/VIC12933/2020|2020-05-03|EPI_ISL_592114|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

Spike|hCoV-19^Ireland/WW-NVRL-AIIDV1447/2020|2020-12-14|EPI_ISL_791321|Original|hCoV-19^Wicklow|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

Spike|hCoV-19^England/LALP-A87B8E/2020|2020-10-17|EPI_ISL_606060|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19^England/201040151/2020|2020-03-02|EPI_ISL_643333|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

Spike|hCoV-19^Wales/PHWC-16CC85/2020|2020-09-26|EPI_ISL_627146|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19^England/QEUH-B1443F/2020|2020-11-03|EPI_ISL_642534|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19^Spain/PV-IBV-001548/2020|2020-03-16|EPI_ISL_467183|Original|hCoV-19^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz|SegCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

Spike|hCoV-19^Denmark/DGCC-2749/2020|2020-08-17|EPI_ISL_616494|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

Spike|hCoV-19^Luxembourg/LNS6050650/2020|2020-11-27|EPI_ISL_744346|Original|hCoV-19^Luxembourg|Human|Laboratoire national de santé|Laboratoire national de santé|Leong|Luxembourg

Spike|hCoV-19^England/CAMC-C43B9B/2020|2020-12-10|EPI_ISL_719198|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|Germany/HH-hpi-p2196/2020|2020-03-21|EPI-ISL_776424|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany
>Spike|hCoV-19|England/ALDP-AA159F/2020|2020-10-22|EPI-ISL_624513|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19|United Arab Emirates/0936/2020|2020-06-27|EPI-ISL_699072|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|Ogrodzki|United Arab Emirates
>Spoke|hCoV-19|England/CAMC-A418F2/2020|2020-10-04|EPI-ISL_609406|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19|England/ALDP-B484BA/2020|2020-11-07|EPI-ISL_649446|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19|Wales/PHWC-164072/2020|2020-05-02|EPI-ISL_474122|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom
>Spoke|hCoV-19|England/CAMB-1AA702/2020|2020-04-17|EPI-ISL_470133|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea
>Spoke|hCoV-19|England/CAMC-D0254E/2020|2020-12-22|EPI-ISL_781573|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark
>Spoke|hCoV-19|Wales/PHWC-49CECF/2020|2020-12-10|EPI-ISL_742703|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom
>Spoke|hCoV-19|USA/TX-HMH-MCoV-10593/2020|2020-07-08|EPI-ISL_789551|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spoke|hCoV-19|Denmark/DGCC-12010/2020|2020-06-15|EPI-ISL_671257|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark
>Spoke|hCoV-19|New Zealand/20VR1285/2020|2020-03-18|EPI-ISL_456209|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand
>Spoke|hCoV-19|Australia/VIC225/2020|2020-03-20|EPI-ISL_419920|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia
>Spoke|hCoV-19|Australia/SAP225/2020|2020-04-10|EPI-ISL_483075|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia
>Spoke|hCoV-19|England/ALDP-A7065A/2020|2020-10-15|EPI-ISL_607684|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19|England/MILK-9F084E/2020|2020-09-24|EPI-ISL_589634|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19|USA/TX-DSHS-0407/2020|2020-06-01|EPI-ISL_542466|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spike|hCoV-19|Denmark|DCGC-10951|2020|2020-11-02|EPI_ISL_670305|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark

>Spike|hCoV-19|Denmark|DCGC-10254|2020|2020-11-09|EPI_ISL_669860|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark

>Spike|hCoV-19|England|ALDP-A9350E|2020|2020-10-19|EPI_ISL_611263|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|England|ALDP-A51C5D|2020|2020-10-07|EPI_ISL_598072|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|England|ALDP-AU17900|2020|2020-09-27|EPI_ISL_588869|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|Algeria|SC314|2020|2020-09-19|EPI_ISL_669860|Original|hCoV-19^^Algeria|Human|Department of Microbiology and Infection Control|Department of Microbiology and Infection Control|Hesselberg Land|U201f06737|2020

>Spike|hCoV-19|France|PAC-IHU-0221|2020|2020-03-28|EPI_ISL_569385|Original|hCoV-19^^Provence-Alpes-C\u00f4te d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19|Switzerland|BL-UHB-42191497|2020|2020-03-15|EPI_ISL_528099|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Rolf Handschin|Switzerland

>Spike|hCoV-19|England|ALDP-CB5D25|2020|2020-12-18|EPI_ISL_761322|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19|Norway|CS-03|2020|2020-04-13|EPI_ISL_664105|Original|hCoV-19^^Viken|Human|Dept. of Microbiology and Infection Control|Dept. of Microbiology and Infection Control|Hesselsberg L\u00f8vostad|Norway

>Spike|hCoV-19|England|SHEF-C67C5|2020|2020-04-06|EPI_ISL_432826|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19|France|ARA-SC314|2020|2020-04-14|EPI_ISL_641537|Original|hCoV-19^^Auvergne-Rh\u00e9ne-Alpes|Human|CHU de Saint-\u00e9tienne H\u00e0u00f4pital Nord|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19|England|ALDP-9CBE3B|2020|2020-09-16|EPI_ISL_575742|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|England|ALDP-C48E06|2020|2020-12-11|EPI_ISL_736537|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|Scotland|EDB8345|2020|2020-10-04|EPI_ISL_612333|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
>Spike|hCoV-19/England/MILK-B94BF6/2020|2020-11-14|EPI_ISL_673750|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spik|hCoV-19/USA/FL-BPHEL-013|2020-04-08|EPI_ISL_436517|Original|hCoV-19^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spik|hCoV-19/USA/OR-OHSU-0193|2020-03-30|EPI_ISL_509070|Original|hCoV-19^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spik|hCoV-19/Scotland/EDB4840/2020|2020-04-01|EPI_ISL_453165|Original|hCoV-19^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spik|hCoV-19/England/CAMB-82543/2020|2020-04-14|EPI_ISL_443591|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Amato|United Kingdom

>Spik|hCoV-19/Australia/VIC14787/2020|2020-08-17|EPI_ISL_592999|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|Schultz|Australia

>Spik|hCoV-19/England/GSTTT-265DE59/2020|2020-03-28|EPI_ISL_484115|Original|hCoV-19^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spik|hCoV-19/USA/NM-DOH-2020315490|2020-08-27|EPI_ISL_732709|Original|hCoV-19^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spik|hCoV-19/Wales/PHWC-47D7C9/2020|2020-10-05|EPI_ISL_586193|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spik|hCoV-19/USA/TX-HMH-MCoV-17968/2020|2020-11-16|EPI_ISL_786116|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spik|hCoV-19/England/ALDP-A2DC31/2020|2020-10-02|EPI_ISL_586879|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19/Denmark/DCGC-12387/2020|2020-11-16|EPI_ISL_682568|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spik|hCoV-19/England/QEUH-C8FB66/2020|2020-12-09|EPI_ISL_777101|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spik|hCoV-19/Peru/LIM-UPCH-0187/2020|2020-10-13|EPI_ISL_729885|Original|hCoV-19^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00e9mica Microbiana|Tsukayama|Peru

>Spik|hCoV-19/England/MILK-B550C5/2020|2020-11-06|EPI_ISL_657714|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spik|hCoV-19/USA/CT-UW427/2020|2020-03-28|EPI_ISL_529157|Original|hCoV-19^Connecticut|Human|University of Washington|University of Washington|Roychoudhury|USA

>Spik|hCoV-19/Belgium/BR-030687/2020|2020-03-06|EPI_ISL_420343|Original|hCoV-19^Andenne|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spik|hCoV-19/Denmark/DCGC-10905/2020|2020-11-02|EPI_ISL_670277|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spik|hCoV-19/Scotland/CVR4640/2020|2020-09-25|EPI_ISL_611614|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spik|hCoV-19/Japan/PG-0818/2020|2020-04-00|EPI_ISL_684428|Original|hCoV-19^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19|England/QUEH-537F1D/2020|2020-05-18|EPI_ISL_532234|Original|hCoV-19**England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|England/ALDP-A2P49C/2020|2020-10-06|EPI_ISL_587272|Original|hCoV-19**England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Zimbabwe/ZW-6998/2020|2020-05-01|EPI_ISL_644807|Original|hCoV-19**Zimbabwe|Human|National Microbiology Reference Laboratory|Quadram Institute Bioscience|Alkhan|Zimbabwe

Spike|hCoV-19|England/LIVE-9D85B/2020|2020-04-15|EPI_ISL_453238|Original|hCoV-19**England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Haldenby|United Kingdom

Spike|hCoV-19|USA/OR-OHSU-2926/2020|2020-09-05|EPI_ISL_667422|Original|hCoV-19**Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O’Roak|USA

Spike|hCoV-19|Wales/MILK-9C37ED/2020|2020-09-10|EPI_ISL_566691|Original|hCoV-19**Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|England/QUEH-B0EBBE/2020|2020-11-02|EPI_ISL_642010|Original|hCoV-19**England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|England/ALDP-954B30/2020|2020-06-13|EPI_ISL_553352|Original|hCoV-19**England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|England/LIVE-9B9F0/2020|2020-04-18|EPI_ISL_440893|Original|hCoV-19**England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Portugal/PT1684/2020|2020-11-10|EPI_ISL_732151|Original|hCoV-19**Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

Spike|hCoV-19|Switzerland/BS-ETHZ-200066/2020|2020-07-15|EPI_ISL_510747|Original|hCoV-19**Basel-Stadt|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

Spike|hCoV-19|England/QUEH-A1E9CE/2020|2020-09-29|EPI_ISL_587497|Original|hCoV-19**England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|England/MILK-BAB682/2020|2020-11-18|EPI_ISL_681485|Original|hCoV-19**England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|England/MILK-BA9DE9/2020|2020-11-17|EPI_ISL_783106|Original|hCoV-19**England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Finland/24MS2G3/2020|2020-03-24|EPI_ISL_759813|Original|hCoV-19**Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

Spike|hCoV-19|England/ALDP-BB2BD4/2020|2020-11-19|EPI_ISL_702983|Original|hCoV-19**England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|England/ALDP-A871D7/2020|2020-10-17|EPI_ISL_606112|Original|hCoV-19**England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Denmark/DGCC-15856/2020|2020-11-23|EPI_ISL_714065|Original|hCoV-19**Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

Spike|hCoV-19|Denmark/DGCC-12688/2020|2020-11-16|EPI_ISL_682869|Original|hCoV-19**Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
| Kingdom       | Region          | Lab Name                                      | Institution                                                                                      |
|--------------|----------------|-----------------------------------------------|-------------------------------------------------------------------------------------------------|
| Wales        | Human          | Wales Specialist Virology Centre              | Public Health Wales Microbiology Cardiff                                                       |
| Scotland     | Human          | NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium                      |
| England      | Human          | Lighthouse Lab in Milton Keynes               | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium                    |
| Scotland     | Human          | Virology Department                           | COVID-19 Genomics UK (COG-UK) Consortium                                                      |
| England      | Human          | Lighthouse Lab in Cambridge                   | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium                    |
| Scotland     | Human          | Virology Department                           | COVID-19 Genomics UK (COG-UK) Consortium                                                      |
| England      | Human          | Lighthouse Lab in Milton Keynes               | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium                    |
| Scotland     | Human          | Virology Department                           | COVID-19 Genomics UK (COG-UK) Consortium                                                      |
| England      | Human          | Lighthouse Lab in Cambridge                   | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium                    |
| Scotland     | Human          | Virology Department                           | COVID-19 Genomics UK (COG-UK) Consortium                                                      |
| England      | Human          | Lighthouse Lab in Milton Keynes               | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium                    |
| Scotland     | Human          | Virology Department                           | COVID-19 Genomics UK (COG-UK) Consortium                                                      |
| Germany      | Human          | Regional Virus Laboratory                      | COVID-19 Genomics UK (COG-UK) Consortium                                                      |
| Switzerland  | Human          | Pathogen Genomics Center                      | COVID-19 Genomics UK (COG-UK) Consortium                                                      |
| Spain        | Human          | Yale Clinical Virology Laboratory              | Grubau Lab – Yale School of Public Health                                                     |
| USA          | Human          | Originating lab                                | COVID-19 Genomics UK (COG-UK) Consortium                                                      |
>Spike|hCoV-19/USA/LA-EVTL1019/2020|2020-08-25|EPI_ISL_653710|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spike|hCoV-19/Jordan/AM-ALSR-3999/2020|2020-10-03|EPI_ISL_636362|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan
>Spike|hCoV-19/England/CAMC-AB1AF7/2020|2020-10-23|EPI_ISL_623834|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-993EA5/2020|2020-08-22|EPI_ISL_551713|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-B9F487/2020|2020-11-18|EPI_ISL_721158|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-497744/2020|2020-03-23|EPI_ISL_506577|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spike|hCoV-19/USA/MD-MDH-0468/2020|2020-11-11|EPI_ISL_62078|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA
>Spike|hCoV-19/England/LIVE-A8125/2020|2020-03-26|EPI_ISL_517118|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/USA/AZ-TG648635/2020|2020-04-27|EPI_ISL_695871|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA
>Spike|hCoV-19/Jordan/IR-ALSR-5205/2020|2020-10-05|EPI_ISL_730443|Original|hCoV-19^^Trbdi|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan
>Spike|hCoV-19/England/MILK-A1D6B9/2020|2020-10-03|EPI_ISL_595074|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19/England/CAMC-BC08CD/2020|2020-11-22|EPI_ISL_705180|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-B3044C/2020|2020-11-04|EPI_ISL_659882|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-14095/2020|2020-11-30|EPI_ISL_711565|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/TX-HMH-MCoV-12981/2020|2020-08-29|EPI_ISL_788132|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

> Spike| hCoV-19/England/ALDP-6C47EF/2020|2020-07-01|EPI_ISL_556159|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike| hCoV-19/USA/MN-MDH-2010/2020|2020-10-29|EPI_ISL_644941|Original|hCoV-19
^Minnesota|Human|Allina Health Laboratory|Minnesota Department of Health|Lorentz|USA

> Spike| hCoV-19/USA/MI-MDHHS-SC22271/2020|2020-10-20|EPI_ISL_666937|Original|hCoV-19
^Michigan|Human|University of Michigan Clinical MicroBiology Laboratory|Lauring Lab|Valesano|USA

> Spike| hCoV-19/USA/MI-UM-10036765284/2020|2020-11-03|EPI_ISL_682196|Original|hCoV-19
^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

> Spike| hCoV-19/Scotland/EDB2768/2020|2020-03-29|EPI_ISL_488937|Original|hCoV-19
^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike| hCoV-19/USA/MI-MDHHS-SC22271/2020|2020-10-20|EPI_ISL_666937|Original|hCoV-19
^Michigan|Human|University of Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

> Spike| hCoV-19/England/MILK-9D4F1E/2020|2020-09-19|EPI_ISL_601543|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike| hCoV-19/USA/NY-NYPFHL-001105/2020|2020-10-18|EPI_ISL_671688|Original|hCoV-19
^New York|Human|DOHMH Morrisania|New York City Public Health Laboratory|Wang|USA

> Spike| hCoV-19/Netherlands/NH-RIVM-2018/2020|2020-11-15|EPI_ISL_723285|Original|hCoV-19
^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

> Spike| hCoV-19/England/QEUH-C32063/2020|2020-12-11|EPI_ISL_782626|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom

> Spike| hCoV-19/USA/ALDP-933ED4/2020|2020-06-20|EPI_ISL_551522|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike| hCoV-19/England/BRIS-128D73/2020|2020-04-14|EPI_ISL_458736|Original|hCoV-19
^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike| hCoV-19/Portugal/PT1803/2020|2020-11-10|EPI_ISL_732028|Original|hCoV-19
^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude da Invasao do Novo Mundo (INSNCA)|Borges|Portugal

> Spike| hCoV-19/England/LIVE-A4842/2020|2020-03-10|EPI_ISL_499845|Original|hCoV-19
^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

> Spike| hCoV-19/Scotland/QEUH-AAF449/2020|2020-10-22|EPI_ISL_653024|Original|hCoV-19
^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

> Spike| hCoV-19/England/MILK-A473A0/2020|2020-10-06|EPI_ISL_598399|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike| hCoV-19/England/LIVE-DCC610/2020|2020-11-28|EPI_ISL_724521|Original|hCoV-19
^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

> Spike| hCoV-19/Japan/PG-0941/2020|2020-04-00|EPI_ISL_684551|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
Kingdom
> Spike|hCoV-19^ England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19^ England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Blanton|USA

> Spike|hCoV-19^ England|Human|Lighthouse Lab in Cardiff|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19^ England|Human|Lighthouse Lab in Birmingham|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19^ England|Human|Lighthouse Lab in Manchester|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19^ England|Human|Lighthouse Lab in Durham|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19^ England|Human|Lighthouse Lab in London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19^ England|Human|Lighthouse Lab in Oxford|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19^ England|Human|Lighthouse Lab in London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19^ England|Human|Lighthouse Lab in Liverpool|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19^ England|Human|Lighthouse Lab in Exeter|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19^ England|Human|Lighthouse Lab in Leeds|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19^ England|Human|Lighthouse Lab in Newcastle|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19^ England|Human|Lighthouse Lab in Plymouth|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19^ England|Human|Lighthouse Lab in Sheffield|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19^ England|Human|Lighthouse Lab in York|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19^ England|Human|Lighthouse Lab in Southampton|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19^ England|Human|Lighthouse Lab in Bristol|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19^ England|Human|Lighthouse Lab in Edinburgh|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19^ England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike | hCoV-19 | Wales/MILK-9E14F1 | 2020-09-19 | EPI_ISL_577403 | Original | hCoV-19 | Wales | Human | Oxford Viromics | COVID-19 Genomics UK (COG-UK) Consortium | Golubchik | United Kingdom

> Spike | hCoV-19 | England/QEUH-9F621D | 2020-09-25 | EPI_ISL_588924 | Original | hCoV-19 | England | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> Spike | hCoV-19 | Scotland/EDB4240 | 2020-04-21 | EPI_ISL_449285 | Original | hCoV-19 | Scotland | Human | Virology Department | COVID-19 Genomics UK (COG-UK) Consortium | Williams | United Kingdom

> Spike | hCoV-19 | Norway | 5396 | 2020-11-05 | EPI-ISL_708076 | Original | hCoV-19 | Norway | Human | Foerde Hospital | Norwegian Institute of Public Health | Kopperud | Riis | Norway

> Spike | hCoV-19 | Scotland/QEUH-AD56F9 | 2020-10-26 | EPI-ISL_649705 | Original | hCoV-19 | Scotland | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom

> Spike | hCoV-19 | England/20132067404 | 2020-03-23 | EPI-ISL_423794 | Original | hCoV-19 | England | Human | Respiratory Virus Unit | COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> Spike | hCoV-19 | England/20146011604 | 2020-03-31 | EPI-ISL_421977 | Original | hCoV-19 | England | Human | Respiratory Virus Unit | Respiratory Virus Unit | Platt | United Kingdom

> Spike | hCoV-19 | USA/NY-Wadsworth-200219 | 2020-06-24 | EPI-ISL_677054 | Original | hCoV-19 | New York | Human | Masonic Medical Research Institute | Wadsworth Center | Lasek-Nesselquist | USA

> Spike | hCoV-19 | Switzerland/SZ-BTHZ-340119 | 2020-10-26 | EPI-ISL_721898 | Original | hCoV-19 | Switzerland | Human | Biocomputing | Nadreau | Switzerland

> Spike | hCoV-19 | USA/WA-UW74 | 2020-03-10 | EPI-ISL_415602 | Original | hCoV-19 | Washington | Human | UW Virology Lab | Roychoudhury | USA

> Spike | hCoV-19 | USA/TX-HMH-MCoV-9341 | 2020-07-03 | EPI-ISL_781068 | Original | hCoV-19 | Texas | Human | Houston Methodist Hospital | Houston Methodist Hospital | Long | USA

> Spike | hCoV-19 | South Africa/KRISP-K002732 | 2020-08-15 | EPI-ISL_529730 | Original | hCoV-19 | South Africa | Human | MCoV | KwaZulu-Natal | Human | NHLS-IALCH | KRISP | de Oliveira | South Africa

> Spike | hCoV-19 | England/210100395 | 2021-01-00 | EPI-ISL_791199 | Original | hCoV-19 | England | Human | Respiratory Virus Unit | COVID-19 Genomics UK (COG-UK) Consortium | Platt | United Kingdom

> Spike | hCoV-19 | England/20132067404 | 2020-03-23 | EPI-ISL_423794 | Original | hCoV-19 | England | Human | Respiratory Virus Unit | Respiratory Virus Unit | Platt | United Kingdom

> Spike | hCoV-19 | England/QEUH-AD528C | 2020-10-24 | EPI-ISL_634144 | Original | hCoV-19 | England | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> Spike | hCoV-19 | South Africa/KRISP-K002816 | 2020-08-21 | EPI-ISL_602637 | Original | hCoV-19 | South Africa | Human | MCoV | KwaZulu-Natal | Human | NHLS-IALCH | KRISP | de Oliveira | South Africa

> Spike | hCoV-19 | Belgium/CK-0404276 | 2020-04-04 | EPI-ISL_464070 | Original | hCoV-19 | Belgium | Human | KU Leuven | Maes | Belgium

> Spike | hCoV-19 | England/ALDP-982B84 | 2020-08-09 | EPI-ISL_552669 | Original | hCoV-19 | England | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> Spike | hCoV-19 | USA/TX-HMH-MCoV-14205 | 2020-10-05 | EPI-ISL_787490 | Original | hCoV-19 | Texas | Human | Houston Methodist Hospital | Houston Methodist Hospital | Long | USA

> Spike | hCoV-19 | Singapore/1055 | 2020-03-24 | EPI-ISL_574540 | Original | hCoV-19 | Singapore | Human | National Public Health Laboratory | National Public Health Laboratory | Mak | Singapore

> Spike | hCoV-19 | Ecuador/USFQ-120 | 2020-07-03 | EPI-ISL_491932 | Original | hCoV-19 | Ecuador | Human | Institute of Microbiology | Institute of Microbiology | Cardenas | Ecuador

> Spike | hCoV-19 | England/NORW-E8CA0 | 2020-04-14 | EPI-ISL_448297 | Original | hCoV-19 | England | Human | Quadram Institute Bioscience | COVID-19 Genomics UK (COG-UK) Consortium | Ali Khan | United Kingdom

> Spike | hCoV-19 | England/2014908004 | 2020-04-01 | EPI-ISL_466132 | Original | hCoV-19 | England | Human | Respiratory Virus Unit | Respiratory Virus Unit | Platt | United Kingdom
Kingdom

Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

USA

North Carolina|Human|Dirk Dittmer|Dirk Dittmer|Moore|USA

England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

India

Gujarat|Human|Zydus Medical Hospital,Dahod|Gujarat Biotechnology Research Centre|Joshi|India

Japan

Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

Spain

Basque Country|Human|Servicio de Microbiologia|u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

USA

California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Gambia|National Influenza Center|Biotechnology & OMICs Laboratory|Al Sesay|Gambia

USA

Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Oman

Muscat|Human|Oman-National Influenza Center|Biotechnology & OMICs Laboratory|Al Mahrqi|Oman

England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiolog

Sykestua|Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

Silva|United Kingdom|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

Korneenko|Russia

Kagan|USA

Albertsen Lab|Michaelsen|Denmark

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> Spike|hCoV-19|Japan|PG-0136/2020|2020-03-14|EPI_ISL_479860|Original|hCoV-19^Kansai|Human|Department of Infectious Diseases|Pathogen Genomics Center|Sekizuka|Japan
> Spike|hCoV-19|England/MILK-ACD17B/2020|2020-10-21|EPI_ISL_630231|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Wales/PHWC-160D33/2020|2020-05-23|EPI ISL 473044|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19|England/WSFT-25C113A/2020|2020-05-04|EPI ISL 492848|Original|hCoV-19^England|Human|Department of Medical Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Mexico/BCN-ALSR-2444/2020|2020-05-13|EPI ISL 635479|Original|hCoV-19^Baja California|Human|Centro de Diagn\u221a\u2265stico COVID-19 UABC Tijuana|Andersen lab at Scripps Research|Gangavarapu|Mexico
> Spike|hCoV-19|England/ALDP-AA2E39/2020|2020-10-22|EPI ISL 624031|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Wales/PHWC-160252/2020|2020-05-19|EPI ISL 472912|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19|Japan/PG-7520/2020|2020-08-00|EPI ISL 686622|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
> Spike|hCoV-19|USA/UT-UPHL-2012577508/2020|2020-08-10|EPI ISL 745538|Original|hCoV-19^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA
> Spike|hCoV-19|England/NORW-222DC3/2020|2020-11-13|EPI ISL 741529|Original|hCoV-19^England|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
> Spike|hCoV-19|England/ALDP-9E716D/2020|2020-09-24|EPI ISL 580335|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Australia/VIC11841/2020|2020-09-25|EPI ISL 625668|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL|MDU-PHL|Schultz|Australia
> Spike|hCoV-19|Japan/PG-6883/2020|2020-09-00|EPI ISL 687991|Original|hCoV-19^Jap\u221a\u2265stico COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England/QUEUH-9F4C4E/2020|2020-09-25|EPI ISL 588317|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Denmark/DCGC-9426/2020|2020-11-09|EPI ISL 668547|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertens Lab|Michaelensen|Denmark
> Spike|hCoV-19|USA/MA-MGH-03192/2020|2020-09-28|EPI ISL 765742|Original|hCoV-19^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA
> Spike|hCoV-19|South Africa/R10883/2020|2020-06-19|EPI ISL 490313|Original|hCoV-19^Gauteng|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa
> Spike|hCoV-19|Lithuania/MR-LUHS-Eilmnj24/2020|2020-12-00|EPI ISL 770543|Original|hCoV-19^Jonavos apskritis|Human|Private lab|Lithuanian University of Health Sciences|Zemaitis|Lithuania
> Spike|hCoV-19|USA/MD-MDH-0345/2020|2020-10-17|EPI ISL 648285|Original|hCoV-19^Maryland|Human|MD PHL|MD PHL|Keller|USA
Spike|hCoV-19|Scotland/QEUH-9D08AE/2020|2020-09-16|EPI_ISL_601851|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Australia/VIC5409/2020|2020-07-09|EPI_ISL_520172|Original|hCoV-19^^Australia|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|Schultz|Australia
Spike|hCoV-19/England/QEUH-9CA7B9/2020|2020-09-10|EPI_ISL_567393|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/ALDP-B1A5BE/2020|2020-11-01|EPI_ISL_647503|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/CA-CHLA-PLM73778085/2020|2020-12-02|EPI_ISL_753589|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA
Spike|hCoV-19/Gibraltar/204841699/2020|2020-00-00|EPI_ISL_671270|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar
Spike|hCoV-19/USA/CA-CZB-14009/2020|2020-06-08|EPI_ISL_739378|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA
Spike|hCoV-19/Denmark/DCCG-20919/2020|2020-12-21|EPI_ISL_759447|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
Spike|hCoV-19/Slovenia/5703/2020|2020-03-11|EPI_ISL_635221|Original|hCoV-19^^Slovenia|Human|Institute of Microbiology and Immunology|Institute of Microbiology and Immunology|Zakotnik|Slovenia
Spike|hCoV-19/Singapore/1295/2020|2020-05-11|EPI_ISL_648780|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapor
Spike|hCoV-19/Israel/2089839/2020|2020-04-01|EPI_ISL_447363|Original|hCoV-19^^Israel|Human|Clinical Virology Unit|Stern Lab|Miller|Israel
Spike|hCoV-19/South Africa/KRISP-K004616/2020|2020-11-04|EPI_ISL_660638|Original|hCoV-19^^South Africa|Human|Clinical Virology Unit|Stern Lab|Miller|Israel
Spike|hCoV-19/Portugal/PT0306/2020|2020-03-14|EPI_ISL_454022|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal
Spike|hCoV-19/Portugal/PT1284/2020|2020-03-24|EPI_ISL_511245|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal
Spike|hCoV-19/USA/WV-CDC-2-3714386/2020|2020-12-01|EPI_ISL_751785|Original|hCoV-19^^West Virginia|Human|WVDHHR – Office of Laboratory Services|Genomics and Discovery|Queen|USA
Spike|hCoV-19/Scotland/EDB6208/2020|2020-05-18|EPI_ISL_473913|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
Spike|hCoV-19/Japan/PG-5470/2020|2020-07-00|EPI_ISL_690573|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19/England/ALDP-97BDF1/2020|2020-07-14|EPI_ISL_526294|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom
Spike|hCoV-19/Switzerland/GR-ETHZ-100844/2020|2020-03-25|EPI_ISL_451791|Original|hCoV-19^^Switzerland|Human|Science and Engineering|Nadeau|Switzerland
Spike|hCoV-19/Wales/PHWC-494A96/2020|2020-11-23|EPI_ISL_726211|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/England/201141519/2020|2020-03-09|EPI_ISL_464757|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19|England|ALDP-A66F6B/2020|2020-10-12|EPI_ISL_630672|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Shpke|hCoV-19|India/MH-ACTRC-551/2020|2020-08-28|EPI_ISL_700196|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Shpke|hCoV-19|Japan|PG-2636/2020|2020-04-00|EPI_ISL_690768|Original|hCoV-19
>Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Shpke|hCoV-19|England|MILK-99DE05/2020|2020-08-31|EPI_ISL_550647|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Shpke|hCoV-19|England/CAMC-7C184/2020|2020-04-13|EPI_ISL_434003|Original|hCoV-19
>England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) consortium|Meredith|United Kingdom
>Shpke|hCoV-19|Denmark/DGCC-2780/2020|2020-08-24|EPI_ISL_616615|Original|hCoV-19
>Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|MichaelSEN|DENmark
>Shpke|hCoV-19|England/BRIS-124E92/2020|2020-03-26|EPI_ISL_443883|Original|hCoV-19
>England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Shpke|hCoV-19|USA/WA-S2417/2020|2020-06-15|EPI_ISL_497049|Original|hCoV-19
>Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Shpke|hCoV-19|Spain/MD-IVB-004981/2020|2020-05-15|EPI_ISL_481045|Original|hCoV-19
>Madrid|Human|Hospital General Universitario Gregorio Marañón|Fernández|Segovia|Spain
>Shpke|hCoV-19|Denmark/DGCC-14721/2020|2020-11-23|EPI_ISL_711931|Original|hCoV-19
>Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|MichaelSEN|DENmark
>Shpke|hCoV-19|USA/WA-S1126/2020|2020-05-04|EPI_ISL_463616|Original|hCoV-19
>Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
>Shpke|hCoV-19|England/ALDP-9EA601/2020|2020-09-24|EPI_ISL_580273|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Shpke|hCoV-19|Japan/PG-4142/2020|2020-07-00|EPI_ISL_692381|Original|hCoV-19
>Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Shpke|hCoV-19|Germany/SH-hpi-p1600/2020|2020-03-16|EPI_ISL_775748|Original|hCoV-19
>Schleswig-Holstein|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany
>Shpke|hCoV-19|England/ALDP-6CC486/2020|2020-06-30|EPI_ISL_556202|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England|MILK-5135E8/2020|2020-06-11|EPI_ISL_559081|Original|hCoV-19|^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19|England|PORT-2E95FD/2020|2020-12-03|EPI_ISL_727715|Original|hCoV-19|^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spik|hCoV-19|Denmark|DCGC-808/2020|2020-04-20|EPI_ISL_614744|Original|hCoV-19|^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albersen lab|Michaelsen|Denmark
>Spik|hCoV-19|Portugal|PT1552/2020|2020-06-25|EPI_ISL_693565|Original|hCoV-19|^Portugal|Human|Instituto Nacional de Saude (INS)I Instituto Nacional de Saude (INS)|Borges|Portugal
>Spik|hCoV-19|USA|WA-UW-23756/2020|2020-08-09|EPI_ISL_570760|Original|hCoV-19|^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spik|hCoV-19|England|ALDP-952C02/2020|2020-06-13|EPI_ISL_555352|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19|USA|NY-NYUMC285/2020|2020-04-05|EPI_ISL_428799|Original|hCoV-19|^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
>Spik|hCoV-19|England|ALDP-9CD0D9/2020|2020-09-16|EPI_ISL_566269|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19|Scotland|EDB5780/2020|2020-04-27|EPI_ISL_473855|Original|hCoV-19|^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium Williams|United Kingdom
>Spik|hCoV-19|France|PDL-SC640/2020|2020-04-04|EPI_ISL_663278|Original|hCoV-19|^Pays-de-la-Loire|Human|CHU Nantes|CNR Virus des Infections Respiratoires - France Sud|Bal|France
>Spik|hCoV-19|Denmark|DCGC-13249/2020|2020-11-30|EPI_ISL_712680|Original|hCoV-19|^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albersen lab|Michaelsen|Denmark
>Spik|hCoV-19|England|MILK-ACDE83/2020|2020-10-22|EPI_ISL_630179|Original|hCoV-19|^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19|Australia|VIC10464/2020|2020-07-14|EPI_ISL_562921|Original|hCoV-19|^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spik|hCoV-19|England|OXON-AE699/2020|2020-00-00|EPI_ISL_448710|Original|hCoV-19|^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spik|hCoV-19|England|QUEH-B4140C/2020|2020-11-08|EPI_ISL_658664|Original|hCoV-19|^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19|England|MILK-9C6E12/2020|2020-09-09|EPI_ISL_573266|Original|hCoV-19|^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust |COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spik|hCoV-19|England|ALDP-95530A/2020|2020-06-12|EPI_ISL_553519|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19|USA|NY-Wadsworth-291742-01/2020|2020-12-25|EPI_ISL_767606|Original|hCoV-19|^New York|Human|SARATOGA HOSPITAL LABORATORY|Wadsworth Center|Lasek-Nesselquist|USA
>Spik|hCoV-19|USA|MI-MDHHS-SC21080/2020|2020-03-26|EPI_ISL_507856|Original|hCoV-19|^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spik|hCoV-19|Australia|NSW938/2020|2020-08-17|EPI_ISL_545010|Original|hCoV-19|^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology
>Spike|hCoV-19|Italy/LAZ-INMI-93/2020|2020-10-26|EPI_ISL_710543|Original|hCoV-19|^Lazio|Human|National Institute for Infectious Diseases|National Institute for Infectious Diseases|Gruber|Italy
>Spike|hCoV-19|Denmark/DGCC-2350/2020|2020-08-10|EPI_ISL_617688|Original|hCoV-19|^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19|Denmark/DGCC-7011/2020|2020-10-12|EPI ISL 619858|Original|hCoV-19|^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19|USA/TX-HMH-807/2020|2020-04-10|EPI_ISL_545835|Original|hCoV-19|^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|USA/MA-MGH-02768/2020|2020-09-24|EPI_ISL_765625|Original|hCoV-19|^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA
>Spike|hCoV-19|Northern Ireland/QEUH-962373/2020|2020-08-10|EPI_ISL_531700|Original|hCoV-19|^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/MILK-A05A30/2020|2020-09-29|EPI_ISL_599937|Original|hCoV-19|^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Denmark/DGCC-5250/2020|2020-09-07|EPI_ISL_615181|Original|hCoV-19|^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19|Australia/VIC12089/2020|2020-07-24|EPI_ISL_591915|Original|hCoV-19|^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19|England/ALDP-9E8427/2020|2020-09-24|EPI_ISL_637712|Original|hCoV-19|^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19|South Africa/R13455-20/2020|2020-07-07|EPI_ISL_622941|Original|hCoV-19|^KwaZulu-Natal|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa
>Spike|hCoV-19|England/QEUH-A9D9A9/2020|2020-10-20|EPI ISL_652665|Original|hCoV-19|^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19|England/MILK-A7D787/2020|2020-10-12|EPI_ISL_606576|Original|hCoV-19|^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Ireland/CN-NVRL-20IRL8277/2020|2020-10-05|EPI ISL_639891|Original|hCoV-19|^Cavan|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland
>Spike|hCoV-19|Denmark/DGCC-10839/2020|2020-11-02|EPI ISL_670245|Original|hCoV-19|^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19|Belgium/rega-09221064/2020|2020-09-22|EPI ISL_735022|Original|hCoV-19|^Aarschot|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Spike|hCoV-19|Switzerland/BL-OHB-42180271/2020|2020-03-06|EPI ISL_527950|Original|hCoV-19|^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland
>Spike|hCoV-19|SaudiArabia/KAUST-JEDDAH748/2020|2020-04-02|EPI ISL_512996|Original|hCoV-19|^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia
>Spike|hCoV-19|Spain/RI-IBV-99010958/2020|2020-10-27|EPI ISL_732786|Original|hCoV-19|^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o\u00f3|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
>Spikes hCoV-19/USA/NY-QDX-1924/2020|2020-03-16|EPI_ISL_604255|Original|hCoV-19^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spikes hCoV-19/Australia/VIC7542/2020|2020-07-24|EPI_ISL_564485|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spikes hCoV-19/USA/NY-NYCPHL-000270/2020|2020-03-17|EPI_ISL_631796|Original|hCoV-19^New York|Human|Maimonides Medical Center|New York City Public Health Laboratory|Wang|USA
>Spikes hCoV-19/United Arab Emirates/0438/2020|2020-05-15|EPI_ISL_698612|Original|hCoV-19^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
>Spikes hCoV-19/USA/VA-DCLS-0221/2020|2020-04-03|EPI_ISL_452799|Original|hCoV-19^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spikes hCoV-19/England/ALDP-C8FF88/2020|2020-12-11|EPI_ISL_777244|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spikes hCoV-19/USA/VA-S1986/2020|2020-06-04|EPI_ISL_497414|Original|hCoV-19^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spikes hCoV-19/South Korea/KCDC2438/2020|2020-06-05|EPI_ISL_514841|Original|hCoV-19^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea
>Spikes hCoV-19/England/CAMB-72FA2/2020|2020-03-22|EPI_ISL_440161|Original|hCoV-19^Hovedstaden|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spikes hCoV-19/Switzerland/GE-ETHZ-300282/2020|2020-10-01|EPI_ISL_603314|Original|hCoV-19^Geneva|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spikes hCoV-19/Denmark/DCGC-19438/2020|2020-12-07|EPI_ISL_748946|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spikes hCoV-19/Switzerland/BS-ETHZ-380235/2020|2020-11-21|EPI_ISL_721802|Original|hCoV-19^Basel-Stadt|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spikes hCoV-19/USA/NM-DOH-2020640266/2020|2020-12-24|EPI_ISL_767055|Original|hCoV-19^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Malone|USA
>Spikes hCoV-19/England/MILK-D08DAA/2020|2020-12-19|EPI_ISL_781617|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spikes hCoV-19/Canada/MB-NML-1067/2020|2020-08-07|EPI_ISL_582422|Original|hCoV-19^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada
>Spikes hCoV-19/Canada/ON-S74/2020|2020-03-19|EPI_ISL_586433|Original|hCoV-19^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
>Spikes hCoV-19/Denmark/DCGC-11782/2020|2020-10-26|EPI_ISL_671133|Original|hCoV-19^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spikes hCoV-19/England/20134067904/2020|2020-03-24|EPI_ISL_423156|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spikes hCoV-19/England/MILK-B8967B/2020|2020-11-13|EPI_ISL_675875|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spikes hCoV-19/Denmark/DCGC-6848/2020|2020-10-12|EPI_ISL_619693|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spikes hCoV-19/England/ALDP-CB4A6B/2020|2020-12-17|EPI_ISL_761115|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/QLD1215/2020|2020-03-22|EPI_ISL_639806|Original|hCoV-19^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia
>Spike|hCoV-19/Japan/PG-5729/2020|2020-07-00|EPI_ISL_688851|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
>Spike|hCoV-19/Wales/PHWC-16DB87/2020|2020-09-27|EPI_ISL_577499|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Denmark/DGCC-3358/2020|2020-08-31|EPI_ISL_616115|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Switzerland/BE-ETHZ-330513/2020|2020-10-19|EPI_ISL_614913|Original|hCoV-19^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/Japan/PG-2459/2020|2020-04-00|EPI_ISL_686064|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
>Spike|hCoV-19/Pakistan/Manga-KPK/2020|2020-03-12|EPI_ISL_419313|Original|hCoV-19^KPK|Human|Molecular Biology and Biotechnology Lab II|Molecular Biology and Biotechnology Lab II|Zainab|Pakistan
>Spike|hCoV-19/Wales/ALDP-95C9C5/2020|2020-06-17|EPI_ISL_553512|Original|hCoV-19^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/LEED-2A9CE5/2020|2020-03-28|EPI_ISL_538955|Original|hCoV-19^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/France/PAC-IHU-0024/2020|2020-03-14|EPI_ISL_569252|Original|hCoV-19^Provence-Alpes-Côte d'Azur|Human|MEPHI|Levasseur|France
>Spike|hCoV-19/England/ALDP-B24AA3/2020|2020-11-04|EPI_ISL_647018|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wuhan/IPBCAMS-WH-01/2019|2019-12-24|EPI_ISL_402123|Original|hCoV-19^Hubei|Human|Institute of Pathogen Biology|Institute of Pathogen Biology|Ren|China
>Spike|hCoV-19/England/ALDP-A70098/2020|2020-10-15|EPI_ISL_608068|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/NSW1073/2020|2020-08-06|EPI_ISL_593761|Original|hCoV-19^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Liverpool Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spike|hCoV-19/Japan/PG-0315/2020|2020-03-23|EPI_ISL_479990|Original|hCoV-19^Kyusyu|Human|Kitakyushu City Hall of Health and Environmental Sciences|Pathogen Genomics Center|Seikizuka|Japan
>Spike|hCoV-19/England/MILK-B889CE/2020|2020-11-14|EPI_ISL_675926|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-13339/2020|2020-08-24|EPI_ISL_788487|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/India/OR-ILSIV16494/2020|2020-05-12|EPI_ISL_463045|Original|hCoV-19^Odisha|Human|Institute of Life Sciences|Immunogenomics lab|Raghav|India
>Spike|hCoV-19/England/QUEUH-A1PE91/2020|2020-10-01|EPI_ISL_587681|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/EDB7123/2020|2020-08-04|EPI_ISL_514540|Original|hCoV-19^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spike|hCoV-19/India/MH-ACTREC-099/2020|2020-05-23|EPI_ISL_699755|Original|hCoV-19^\^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
>Spike|hCoV-19/Thailand/Bangkok-CONI-0197/2020|2020-03-24|EPI_ISL_512847|Original|hCoV-19^\^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand
>Spike|hCoV-19/Scotland/EDB3045/2020|2020-04-03|EPI_ISL_488992|Original|hCoV-19^\^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Finland/15LS7AA11/2020|2020-10-15|EPI_ISL_756179|Original|hCoV-19^\^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland
>Spike|hCoV-19/Denmark/DCGC-18618/2020|2020-12-07|EPI_ISL_750084|Original|hCoV-19^\^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/205260877/2020|2020-12-19|EPI_ISL_754375|Original|hCoV-19^\^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-B7CD2B/2020|2020-11-14|EPI_ISL_741823|Original|hCoV-19^\^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom
>Spike|hCoV-19/USA/CA-HMH-MCoV-13126/2020|2020-08-27|EPI_ISL_788277|Original|hCoV-19^\^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/205260877/2020|2020-12-19|EPI_ISL_754375|Original|hCoV-19^\^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spike|hCoV-19/Australia/VIC16972/2020|2020-08-14|EPI_ISL_663667|Original|hCoV-19^\^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Denmark/DCGC-1546/2020|2020-05-11|EPI_ISL_617952|Original|hCoV-19^\^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Denmark/DCGC-2011/2020|2020-12-07|EPI_ISL_747989|Original|hCoV-19^\^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/CA-CZB-1524/2020|2020-05-06|EPI_ISL_468470|Original|hCoV-19^\^California|Human|Ventura County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA
>Spike|hCoV-19/Spain/CL-IBV-97006256/2020|2020-04-20|EPI_ISL_537628|Original|hCoV-19^\^Castilla y Leon|Human|Universidad de Le\u00f3n|SegCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain
>Spike|hCoV-19/Australia/VIC4700/2020|2020-07-15|EPI_ISL_519088|Original|hCoV-19^\^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/GA-QDX-579/2020|2020-03-16|EPI_ISL_571290|Original|hCoV-19^\^Georgia|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/Spain/CL-IBV-97006256/2020|2020-04-20|EPI_ISL_537628|Original|hCoV-19^\^Castilla y Leon|Human|Universidad de Le\u00f3n|SegCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain
>Spike|hCoV-19/Australia/VIC4700/2020|2020-07-15|EPI_ISL_519088|Original|hCoV-19^\^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/GA-QDX-579/2020|2020-03-16|EPI_ISL_571290|Original|hCoV-19^\^Georgia|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/England/QEUH-A9F127/2020|2020-10-20|EPI ISL 611440|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/59590055/2020|2020-06-01|EPI ISL 578804|Original|hCoV-19^^England|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Ramirez|USA
>Spike|hCoV-19/Spain/VC-FISABIO-32/2020|2020-03-09|EPI ISL 420117|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia|Consorcio Hospital General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO|Public Health|Gonzalez-Candelas|Spain
>Spike|hCoV-19/Germany/26400005/2020|2020-03-11|EPI ISL 437247|Original|hCoV-19^^Bayern|Human|Bavarian State Laboratory for Health|Laboratory for Functional Genome Epidemiology Research Group. FISABIO|General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO
>Spike|hCoV-19/USA/38500005/2020|2020-03-31|EPI ISL 492010|Original|hCoV-19^^Muscat|Human|Oman-NIC|Department of u00a0Microbiology|u00a0Microbiology and Immunology|SQUH|AL Zadjali|Oman
>Spike|hCoV-19/England/NORT-295C46/2020|2020-04-04|EPI ISL 478661|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/England/ALDP-918EE4/2020|2020-06-22|EPI ISL 552850|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-9A6DC0/2020|2020-09-03|EPI ISL 550056|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMC-94137A/2020|2020-07-23|EPI ISL 556841|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Northern Ireland/NI2E-1021EC/2020|2020-03-14|EPI ISL 441391|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
>Spike|hCoV-19/USA/CA-QDX-1758/2020|2020-03-23|EPI ISL 604019|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/Denmark/DGCC-5452/2020|2020-09-21|EPI ISL 620777|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/CA-CZB-5812/2020|2020-07-17|EPI ISL 582961|Original|hCoV-19^^California|Human|San Luis Obispo Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA
>Spike|hCoV-19/England/QEUH-B82803/2020|2020-11-14|EPI ISL 661884|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-9F64AE/2020|2020-09-25|EPI ISL 588440|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Spain/CT-IBV-005478/2020|2020-05-08|EPI ISL 510513|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiologia|u00eda|SegCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
>Spike|hCoV-19/England/LCST-24D7105/2020|2020-06-12|EPI ISL 478364|Original|hCoV-19^^England|Human|University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
Spaeh231/Canada/ON-UHTC-0174/2020|2020-05-23|EPI_ISL_569949|Original|hCoV-19\^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

Spaeh231/England/MILK-A1942C/2020|2020-10-03|EPI_ISL_612510|Original|hCoV-19\^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spaeh231/England/BRIS-121DC5/2020|2020-03-20|EPI_ISL_439992|Original|hCoV-19\^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

Spaeh231/Japan/PG-4362/2020|2020-07-09|EPI_ISL_692590|Original|hCoV-19\^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

Spaeh231/England/CAMC-1804/2020|2020-10-03|EPI_ISL_634700|Original|hCoV-19\^England|Human|Cambridge University Hospital Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spaeh231/England/ALDP-1208/2020|2020-03-12|EPI_ISL_629077|Original|hCoV-19\^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spaeh231/England/TG290286/2020|2020-12-07|EPI_ISL_742999|Original|hCoV-19\^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spaeh231/Japan/PG-5700817/2020|2020-10-09|EPI_ISL_688653|Original|hCoV-19\^Japan|Human|Phylogeny|Brazil

Spaeh231/Japan/PG-5697510/2020|2020-07-09|EPI_ISL_692590|Original|hCoV-19\^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

Spaeh231/England/CAMC-1804/2020|2020-10-03|EPI_ISL_634700|Original|hCoV-19\^England|Human|Cambridge University Hospital Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spaeh231/Japan/PG-5700817/2020|2020-10-09|EPI_ISL_688653|Original|hCoV-19\^Japan|Human|Phylogeny|Brazil
| County          | Country       | Region               | Date          | Accession Number   | Type     | Repository                                           |
|-----------------|---------------|----------------------|---------------|--------------------|----------|-----------------------------------------------------|
| Massachusetts   | United States | Massachusetts        | 2020-05-26    | EPI-ISL_692891     | Original | Massachusetts State Public Health Laboratory        |
| England         | United Kingdom| England              | 2020-05-14    | EPI-ISL_469522     | Original | PHE South West Regional Laboratory                  |
| Florida         | United States | Florida              | 2020-07-21    | EPI-ISL_541315     | Original | Florida Bureau of Public Health Laboratories         |
| Victoria        | United States | Victoria             | 2020-11-30    | EPI-ISL_746434     | Original | Microbiological Diagnostic Unit – Public Health Laboratory |
| Texas           | United States | Texas                | 2020-09-10    | EPI-ISL_541610     | Original | University of Wisconsin-Madison AIDS Vaccine Research |
| Portugal        | Portugal      | Portugal             | 2020-08-21    | EPI-ISL_534576     | Original | NHSGGC West of Scotland Specialist Virology Centre   |
| Northumbria     | United Kingdom| Northumbria          | 2020-04-21    | EPI-ISL_640246     | Original | MVZ Labor                                          |
| Germany         | Germany       | Germany              | 2020-03-09    | EPI-ISL_454323     | Original | MVZ Labor                                          |
| Portugal        | Portugal      | Portugal             | 2020-04-03    | EPI-ISL_542740     | Original | Houston Methodist Hospital                         |
| England         | United States | England              | 2020-03-01    | EPI-ISL_469522     | Original | North Cumbria Integrated Care NHS Foundation Trust  |
| Australia       | United States | Australia            | 2020-08-08    | EPI-ISL_564828     | Original | Victoria Microbiological Diagnostic Unit             |
| Denmark         | Denmark       | Denmark              | 2020-11-02    | EPI-ISL_670827     | Original | Hovedstaden                                         |
| England         | United States | England              | 2020-07-21    | EPI-ISL_541315     | Original | Northumbria                                        |
| Scotland        | United Kingdom| Scotland             | 2020-05-14    | EPI-ISL_534576     | Original | NHSGGC West of Scotland Specialist Virology Centre   |
| Portugal        | Portugal      | Portugal             | 2020-08-21    | EPI-ISL_534576     | Original | NHSGGC West of Scotland Specialist Virology Centre   |
| Portugal        | Portugal      | Portugal             | 2020-03-01    | EPI-ISL_469522     | Original | North Cumbria Integrated Care NHS Foundation Trust  |
| United States    | United States | United States        | 2020-07-21    | EPI-ISL_541315     | Original | North Cumbria Integrated Care NHS Foundation Trust  |
>Spike|hCoV-19/England/QUEUH-9B9A2D/2020|2020-09-07|EPI_ISL_549774|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/MI-UM-10036595910/2020|2020-10-23|EPI_ISL_649994|Original|hCoV-19^^England|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>Spike|hCoV-19/England/QUEUH-A000E8/2020|2020-10-02|EPI_ISL_600340|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Portugal/PT0541/2020|2020-04-08|EPI_ISL_454265|Original|hCoV-19^^Portugal|Unknown|Instituto Nacional de Saúde (INSA)|Borges|Portugal
>Spike|hCoV-19/Belgium/ULG-10791/2020|2020-11-16|EPI_ISL_661226|Original|hCoV-19^^Lil\'u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
>Spike|hCoV-19/England/MILK-B557B1/2020|2020-11-06|EPI_ISL_657555|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-15E372/2020|2020-05-13|EPI_ISL_472808|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/FL-61884/2020|2020-12-24|EPI_ISL_549774|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/Portugal/PT0958/2020|2020-04-17|EPI_ISL_511507|Original|hCoV-19^^Portugal|Unknown|Instituto Nacional de Saúde (INSA)|Borges|Portugal
>Spike|hCoV-19/Spain/CL-IBV-97006192/2020|2020-04-13|EPI_ISL_537338|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\'u00f3n|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
>Spike|hCoV-19/Costa Rica/INC-0039/2020|2020-03-18|EPI_ISL_491450|Original|hCoV-19^^Guanacaste|Human|Hospital San Juan de Dios|Inciensa|Brenes Porras|Costa Rica
>Spike|hCoV-19/Scotland/CRV5246/2020|2020-10-14|EPI_ISL_626990|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/England/MILK-B8D686/2020|2020-11-13|EPI_ISL_674027|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WA-WU133/2020|2020-03-12|EPI_ISL_416671|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/Germany/DE-MV-NF053/2020|2020-03-16|EPI_ISL_437252|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany
>Spike|hCoV-19/England/MILK-A7C16C/2020|2020-10-15|EPI_ISL_607459|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Uganda/UG013/2020|2020-03-22|EPI_ISL_451195|Original|hCoV-19^^Uganda|Human|Uganda Virus Research Institute|MRC/UVRI & LSHTM Uganda|u00a0Research Unit|Cotten|Uganda
>Spike|hCoV-19/England/NORT-294649/2020|2020-08-03|EPI_ISL_572530|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/Scotland/EDB5330/2020|2020-05-22|EPI_ISL_493953|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spike|hCoV-19/England/BRIS-126FF7/2020|2020-04-22|EPI_ISL_469739|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Germany/SH-ChVir20786/2020|2020-11-28|EPI_ISL_729696|Original|hCoV-19\^Schleswig-Holstein|Human|A. Krumbholz|Charité\|00e9 Universit\|00e4tsmedizin Berlin|Muehlemann|Germany
>Spike|hCoV-19/USA/CA-CZB-1519/2020|2020-05-11|EPI_ISL_468465|Original|hCoV-19\^California|Human|Ventura County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA
>Spike|hCoV-19/Peru/LIM-INS-168/2020|2020-03-22|EPI_ISL_536561|Original|hCoV-19\^Lima|Human|Instituto Nacional de Salud|Laboratorio de Infecciones Respiratorias Agudas|Lopez|Peru
>Spike|hCoV-19/England/QEUH-B7D434/2020|2020-11-14|EPI_ISL_741861|Original|hCoV-19\^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Denmark/DGCC-2290/2020|2020-08-19|EPI_ISL_617648|Original|hCoV-19\^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/WA-UW-9244/2020|2020-05-15|EPI_ISL_570239|Original|hCoV-19\^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/Scotland/EDB7076/2020|2020-09-03|EPI_ISL_514517|Original|hCoV-19\^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spike|hCoV-19/England/QEUH-B8279D/2020|2020-11-14|EPI_ISL_661891|Original|hCoV-19\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMC-B35E2B/2020|2020-11-05|EPI_ISL_645310|Original|hCoV-19\^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/LIVE-DBE75A/2020|2020-10-28|EPI_ISL_664733|Original|hCoV-19\^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/USA/UT-UPHL-2009675/2020|2020-07-26|EPI_ISL_605350|Original|hCoV-19\^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/Japan/PG-0346/2020|2020-03-27|EPI_ISL_480018|Original|hCoV-19\^Kanto|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/USA/CA-CZB-1607/2020|2020-04-06|EPI_ISL_468536|Original|hCoV-19\^California|Human|San Joaquin County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA
>Spike|hCoV-19/Japan/PG-6857/2020|2020-09-04|EPI_ISL_687965|Original|hCoV-19\^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Denmark/DGCC-17660/2020|2020-12-14|EPI_ISL_751129|Original|hCoV-19\^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/CA-CZB-10965/2020|2020-09-21|EPI_ISL_583171|Original|hCoV-19\^California|Human|Tulare County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA
>Spike|hCoV-19/USA/MA-MGH-00869/2020|2020-04-14|EPI_ISL_791803|Original|hCoV-19\^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA
>Spike|hCoV-19/England/ALDP-A93E1D/2020|2020-10-19|EPI_ISL_611003|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMC-B34378/2020|2020-11-06|EPI_ISL_659564|Original|hCoV-19\^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/ALDP-A862D5/2020|2020-10-17|EPI_ISL_625399|Original|hCoV-19\^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-B5D7F5/2020|2020-11-09|EPI_ISL_703471|Original|hCoV-19\^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

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**EPI ISL IDs for SARS-CoV-2 isolates in the COVID-19 Genomics UK (COG-UK) consortium:**

- EPI_ISL_659564 (19/England/CAMC-B34378/2020)
- EPI_ISL_625399 (19/Wales/ALDP-A862D5/2020)
- EPI_ISL_703471 (19/England/ALDP-B5D7F5/2020)

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*Note: The EPI ISL IDs are identifiers assigned to SARS-CoV-2 isolates by the European Public Health Reference Laboratory (EPRHL) network for public health surveillance and genomic research.*
COVID-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
> Spike|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
> Spike|hCoV-19/Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Netherlands/NB-RIVM-20577/2020|2020-12-12|EPI-ISL-790661|Original|hCoV-19^Noord-Brabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
> Spike|hCoV-19/Scotland/CVR5737/2020|2020-11-06|EPI-ISL-651497|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
> Spike|hCoV-19/Spain/AR-IVB-2445/2020|2020-03-23|EPI-ISL-468808|Original|hCoV-19^Aragon|Human|Servicio de Microbiología|Department of Laboratory Medicine Tan Tock Seng Hospital|Chen|Singapore
> Spike|hCoV-19/Spain/CT-IVB-97010138/2020|2020-11-03|EPI-ISL-683651|Original|hCoV-19^Catalunya|Human|Servicio de Microbiología|Department of Microbiology|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain
> Spike|hCoV-19/Wales/PHWC-16D53E/2020|2020-09-26|EPI-ISL-572652|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Switzerland/BL-ETHZ-330057/2020|2020-10-16|EPI-ISL-614895|Original|hCoV-19^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
> Spike|hCoV-19/USA/WI-UW-1053/2020|2020-07-30|EPI-ISL-516479|Original|hCoV-19^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
> Spike|hCoV-19/Denmark/DCGC-16753/2020|2020-12-14|EPI-ISL-750541|Original|hCoV-19^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
> Spike|hCoV-19/England/ALDP-94F7AD/2020|2020-06-16|EPI-ISL-555772|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/UT-03702/2020|2020-04-07|EPI-ISL-450555|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
> Spike|hCoV-19/Wales/PHWC-48C35A/2020|2020-11-03|EPI-ISL-665516|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Scotland/CVR5068/2020|2020-10-12|EPI-ISL-594801|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
> Spike|hCoV-19/Wales/PHWC-288BF/2020|2020-04-01|EPI-ISL-432066|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
> Spike|hCoV-19/USA/VA-DCLS-0867/2020|2020-04-30|EPI-ISL-516662|Original|hCoV-19^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacobs|USA
> Spike|hCoV-19/England/ALDP-94E313/2020|2020-06-18|EPI-ISL-555197|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/ALDP-B772D6/2020|2020-11-12|EPI-ISL-662457|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-9F25CD/2020|2020-09-25|EPI_ISL_589095|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-48FP90A/2020|2020-11-10|EPI_ISL_681158|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom
>Spike|hCoV-19/India/DL-MaxCov0022-CSIR-IGIB/2020|2020-05-08|EPI_ISL_459924|Original|hCoV-19^Delhi|Human|Devki Devi Foundation|CSIR-IGIB/MaDindia
>Spike|hCoV-19/USA/TX-HMH-MCoV/14808/2020|2020-10-13|EPI_ISL_786293|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Scotland/QEUEH-C543BD/2020|2020-12-12|EPI_ISL_757043|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/QEUEH-B7EF05/2020|2020-11-14|EPI_ISL_668021|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/Texas/AG-ETHZ-350112/2020|2020-11-02|EPI_ISL_693812|Original|hCoV-19^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/England/LIVE-A4C91/2020|2020-03-12|EPI_ISL_499959|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) consortium|Haldenby|United Kingdom
>Spike|hCoV-19/England/ALDP-BC61AE/2020|2020-11-22|EPI_ISL_721275|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUEH-B7EF05/2020|2020-11-14|EPI_ISL_668021|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-DMHS-S283/2020|2020-03-21|EPI_ISL_430137|Original|hCoV-19^England|Human|Liverpool Flu Study|Seattle Flu Study|Bedford|USA
>Spike|hCoV-19/England/NOTT-10E34/2020|2020-03-28|EPI_ISL_432931|Original|hCoV-19^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) consortium|Loose|United Kingdom
>Spike|hCoV-19/USA/MIT-UM-2006S001114/2020|2020-04-20|EPI_ISL_495585|Original|hCoV-19^England|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>Spike|hCoV-19/England/NORW-EEA82/2020|2020-08-24|EPI_ISL_540693|Original|hCoV-19^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) consortium|Alikhan|United Kingdom
>Spike|hCoV-19/Wales/PHWC-164388/2020|2020-05-02|EPI_ISL_474166|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom
>Spike|hCoV-19/Scotland/CVR2588/2020|2020-04-16|EPI_ISL_473522|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) consortium|Robertson|United Kingdom
>Spike|hCoV-19/England/QEUEH-B0DDF2/2020|2020-11-02|EPI_ISL_642075|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/New Zealand/20CV0487/2020|2020-08-27|EPI_ISL_548054|Original|hCoV-19^Auckland|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
>Spike|hCoV-19/England/LOND-12636P5/2020|2020-11-02|EPI_ISL_679469|Original|hCoV-19^England|Human|University College London|COVID-19 Genomics UK (COG-UK) consortium|Roy|United Kingdom
>Spike|hCoV-19/USA/TX-DSHS-2048/2020|2020-12-03|EPI_ISL_766671|Original|hCoV-19^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spike|hCoV-19/England/ALDP-9D919B/2020|2020-09-18|EPI_ISL_576705|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) consortium|Golubchik|United Kingdom
>Spike|hCoV-19/USA/WA-UW38/2020|2020-03-07|EPI_ISL_416455|Original|hCoV-19^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/England/ALDP-9D919B/2020|2020-09-18|EPI_ISL_576705|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Australia/VICI0594/2020|2020-08-04|EPI_ISL_562976|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spiked|hCoV-19/England/CAMC-B52FF8/2020|2020-11-09|EPI_ISL_657603|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spiked|hCoV-19/England/QEUH-9E3A84/2020|2020-09-24|EPI_ISL_584882|Original|hCoV-19^^Scotland|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spiked|hCoV-19/England/ALDP-9E8C5C/2020|2020-09-24|EPI_ISL_584168|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spiked|hCoV-19/USA/MI-MDHHS-SC22047/2020|2020-09-13|EPI_ISL_577596|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA
>Spiked|hCoV-19/France/OCC-SC563/2020|2020-04-22|EPI_ISL_660729|Original|hCoV-19^^Occitanie|Human|CHU N\u00eemes|CNR Virus des Infections Respiratoires - France Sud|Bal|France
>Spiked|hCoV-19/England/NORW-ED8A7/2020|2020-03-23|EPI_ISL_499479|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spiked|hCoV-19/England/ALDP-B74FF0/2020|2020-11-12|EPI_ISL_662020|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spiked|hCoV-19/England/EXET-139DD9/2020|2020-00-00|EPI_ISL_679343|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spiked|hCoV-19/Denmark/DCGC-20173/2020|2020-11-30|EPI_ISL_747578|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spiked|hCoV-19/England/ALDP-B8296A/2020|2020-11-14|EPI_ISL_675675|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spiked|hCoV-19/Japan/PG-5893/2020|2020-08-00|EPI_ISL_689008|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
>Spiked|hCoV-19/England/ALDP-A67058/2020|2020-10-12|EPI_ISL_630578|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiked|hCoV-19/Denmark/DCGC-13661/2020|2020-11-30|EPI_ISL_712281|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spiked|hCoV-19/SaudiArabia/KAUST-MADINAH444/2020|2020-04-20|EPI_ISL_513158|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia
>Spiked|hCoV-19/Jordan/AM-ALSR-5173/2020|2020-10-12|EPI_ISL_730412|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen Lab at Scripps Research|Gagavaram|Jordan
>Spiked|hCoV-19/Denmark/DCGC-3554/2020|2020-08-31|EPI_ISL_616347|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19|Denmark|DCGC-15375|2020|2020-11-23|EPI_ISL_713228|Original|hCoV-19
>^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>^Spike|hCoV-19|England|SHEF-D0EAS|2020|2020-05-04|EPI_ISL_484512|Original|hCoV-19
>^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>^Spike|hCoV-19|Denmark|DCGC-17188|2020|2020-12-14|EPI_ISL_750338|Original|hCoV-19
>^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>^Spike|hCoV-19|England|LIVE-A550E|2020|2020-03-20|EPI_ISL_499883|Original|hCoV-19
>^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>^Spike|hCoV-19|England|LOND-1266CA5|2020|2020-12-10|EPI_ISL_741195|Original|hCoV-19
>^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>^Spike|hCoV-19|England|LIVE-AA4B1|2020|2020-05-18|EPI_ISL_517459|Original|hCoV-19
>^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>^Spike|hCoV-19|USA/MI-UM|10036466389|2020|2020-10-15|EPI_ISL_628851|Original|hCoV-19
>^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>^Spike|hCoV-19|Poland|78565|2020|2020-11-00|EPI_ISL_732904|Original|hCoV-19
>^Poland|Human|genXone SA|genXone SA|Kaszuba|Poland
>^Spike|hCoV-19|Denmark|DCGC-7779|2020|2020-10-19|EPI_ISL_618735|Original|hCoV-19
>^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>^Spike|hCoV-19|USA/TX-HMH0290|2020|2020-03-27|EPI_ISL_434916|Original|hCoV-19
>^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>^Spike|hCoV-19|England|ALDP-9BEC22|2020|2020-09-09|EPI_ISL_568014|Original|hCoV-19
>^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>^Spike|hCoV-19|England|QUEH-95EOA0|2020|2020-08-08|EPI_ISL_536990|Original|hCoV-19
>^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>^Spike|hCoV-19|Germany|HH-hpi-p2079|2020|2020-03-20|EPI_ISL_775735|Original|hCoV-19
>^Hamburg|Human|University Medical Center Hamburg Eppendorf|Hinrich Pette Institute|Robitaille|Germany
>^Spike|hCoV-19|England|QUEH-9CFFF8|2020|2020-09-14|EPI_ISL_589827|Original|hCoV-19
>^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>^Spike|hCoV-19|Denmark|DCGC-17823|2020|2020-12-14|EPI_ISL_749188|Original|hCoV-19
>^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>^Spike|hCoV-19|England|BRIS-124B31|2020|2020-03-24|EPI_ISL_443843|Original|hCoV-19
>^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>^Spike|hCoV-19|Wales|PHWC-4A3A58|2020|2020-12-15|EPI_ISL_764598|Original|hCoV-19
>^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
| Location        | Type          | Laboratory/Institution                                      | Accession Number | Original Accession | Repository | Country       |
|-----------------|---------------|------------------------------------------------------------|------------------|--------------------|------------|---------------|
| Denmark         | Spike|hCoV-19 | DCGC-1809/2020 | EPI_ISL_619456 | Original | hCoV-19 | ^Hovedstaden | Human | Department of Microbiological Special Genomics DK | Albertsen lab | Denmark |
| Wales           | Spike|hCoV-19 | PHWC-49454A/2020 | EPI_ISL_726131 | Original | hCoV-19 | ^Wales       | Human | Originating lab | COVID-19 Genomics UK (COG-UK) Consortium | Moore | United Kingdom |
| England         | Spike|hCoV-19 | LIVE-AA545/2020 | EPI_ISL_517466 | Original | hCoV-19 | ^England    | Human | Liverpool Clinical Laboratories | COVID-19 Genomics UK (COG-UK) Consortium | Haldenby | United Kingdom |
| USA/LA-EVTL424/2020 | Spike|hCoV-19 | S13CC9/2020 | EPI_ISL_732634 | Original | hCoV-19 | ^Usimaa     | Human | Department of Virology and Immunology | Department of Microbiology | Kamil | USA |
| England         | Spike|hCoV-19 | ALDP-9CAD3F/2020 | EPI_ISL_575450 | Original | hCoV-19 | ^England    | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| England         | Spike|hCoV-19 | QEUH-B2E0D4/2020 | EPI_ISL_646181 | Original | hCoV-19 | ^England    | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| England         | Spike|hCoV-19 | QEUH-C33202/2020 | EPI_ISL_733987 | Original | hCoV-19 | ^England    | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| England         | Spike|hCoV-19 | QEUH-95E073/2020 | EPI_ISL_537044 | Original | hCoV-19 | ^England    | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| England         | Spike|hCoV-19 | MILK-AC92B8/2020 | EPI_ISL_629185 | Original | hCoV-19 | ^England    | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| England         | Spike|hCoV-19 | QEUH AD12EA/2020 | EPI_ISL_633850 | Original | hCoV-19 | ^England    | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| India           | Spike|hCoV-19 | GJ-GBRC-399b/2020 | EPI_ISL_586516 | Original | hCoV-19 | ^Gujarat    | Human | B.J. Medical College and Civil Hospital | Gujarat Biotechnology Research Centre | Joshi | India |
| Wales           | Spike|hCoV-19 | PHWC-27382/2020 | EPI_ISL_431939 | Original | hCoV-19 | ^Wales      | Human | Wales Specialist Virology Centre | Public Health Wales Microbiology Cardiff | Moore | United Kingdom |
| England         | Spike|hCoV-19 | MILK A7122/2020 | EPI_ISL_606896 | Original | hCoV-19 | ^England    | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| USA/CA-ALSR-1772/2020 | Spike|hCoV-19 | California | Human | San Diego County Public Health Laboratory | Andersen lab at Scripps Research | Gangavarapu | USA |
>Spike|hCoV-19/England/MILK-9AAB59/2020|2020-09-01|EPI_ISL_550935|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12C2BC/2020|2020-05-11|EPI_ISL_469445|Original|hCoV-19|England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4546/2020|2020-07-13|EPI_ISL_518957|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-C48D09/2020|2020-12-12|EPI_ISL_736698|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C049D8/2020|2020-12-04|EPI_ISL_720694|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2699/2020|2020-06-05|EPI_ISL_545486|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-C326AD/2020|2020-12-10|EPI_ISL_782662|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/BAS-IZSPB-359PT/2020|2020-10-29|EPI_ISL_722877|Original|hCoV-19|Basilicata|Human|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/Spain/AR-IBV-2474/2020|2020-03-24|EPI_ISL_468816|Original|hCoV-19|Aragon|Human|Servicio de Microbiologia|u00eda|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/FL-BPHL-1219/2020|2020-07-27|EPI_ISL_541192|Original|hCoV-19|Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Australia/VIC16646/2020|2020-08-08|EPI_ISL_640321|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MI-MDHHS-SC20731/2020|2020-03-20|EPI_ISL_471676|Original|hCoV-19|Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/FL-BPHL-0944/2020|2020-07-17|EPI_ISL_517834|Original|hCoV-19|Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Denmark/DCGC-6958/2020|2020-10-12|EPI_ISL_619804|Original|hCoV-19|Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelersen|Denmark

>Spike|hCoV-19/England/ALDP-C231BD/2020|2020-12-06|EPI_ISL_733635|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CMAC-BC0E34/2020|2020-11-23|EPI_ISL_704943|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3054/2020|2020-08-24|EPI_ISL_616834|Original|hCoV-19|Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelersen|Denmark

>Spike|hCoV-19/England/ALDP-B85888/2020|2020-11-14|EPI_ISL_675451|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
| Origin                 | Country | Organization                              | Institute                                      | Region          |
|------------------------|---------|--------------------------------------------|-----------------------------------------------|-----------------|
| Spike| hCoV-19/Wales/PHWC-342EF/2020| 2020-04-14| EPI ISL 446900| Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom |
| Spike| hCoV-19/England/CAMB-7C078/2020| 2020-04-13| EPI ISL 433986| Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom |
| Spike| hCoV-19/England/QUEUH-9DC78/2020| 2020-09-21| EPI ISL 581001| Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom |
| Spike| hCoV-19/USA/CT-Yale-486/2020| 2020-09-18| EPI ISL 729759| Original|hCoV-19^Connecticut|Human|Connecticut Department of Health|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA |
| Spike| hCoV-19/England/QUEUH-B2EE61/2020| 2020-11-03| EPI ISL 659917| Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom |
| Spike| hCoV-19/Denmark/DGCC-6288/2020| 2020-10-05| EPI ISL 620048| Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark |
| Spike| hCoV-19/India/WB-IICB-029/2020| 2020-08-04| EPI ISL 581504| Original|hCoV-19^West Bengal|Human|CSIR-Indian Institute of Chemical Biology|CSIR-Indian Institute of Chemical Biology|Bhowmik|India |
| Spike| hCoV-19/Canada/ON-E41/2020| 2020-05-28| EPI ISL 593519| Original|hCoV-19^Ontario|Human|Eastern Ontario Regional Laboratory Association|McMaster University|McArthur|Canada |
| Spike| hCoV-19/USA/WY-WPHL-20148999/2020| 2020-11-23| EPI ISL 770093| Original|hCoV-19^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA |
| Spike| hCoV-19/England/20149022604/2020| 2020-04-03| EPI ISL 466170| Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom |
| Spike| hCoV-19/USA/tx-hmh-2806/2020| 2020-06-08| EPI ISL 545568| Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA |
| Spike| hCoV-19/USA/NY-Wadsworth-114732-01/2020| 2020-05-22| EPI ISL 676953| Original|hCoV-19^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA |
| Spike| hCoV-19/USA/NY-MSK-7B/2020| 2020-04-27| EPI ISL 583455| Original|hCoV-19^New York|Human|Memorial Sloan Kettering Cancer Center|van Bakel Laboratory|van Bakel|USA |
| Spike| hCoV-19/South Africa/KRISP-K002850/2020| 2020-08-28| EPI ISL 602666| Original|hCoV-19^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa |
| Spike| hCoV-19/India/TG-CCMB-AA403/2020| 2020-08-11| EPI ISL 539690| Original|hCoV-19^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India |
| Spike| hCoV-19/USA/tx-hmh-MCoV-13196/2020| 2020-08-25| EPI ISL 788347| Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA |
| Spike| hCoV-19/Australia/WA351/2020| 2020-10-18| EPI ISL 605828| Original|hCoV-19^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA|Microbial Surveillance Unit|Sikazwe|Australia |
| Spike| hCoV-19/USA/tx-dshs-222/2020| 2020-06-20| EPI ISL 765898| Original|hCoV-19^Texas|Human|TXDSHS|TXDSHS|Rahman|USA |
| Spike| hCoV-19/England/ALDP-AA1F91/2020| 2020-10-22| EPI ISL 624304| Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom |
| Spike| hCoV-19/Japan/PG-8972/2020| 2020-09-08| EPI ISL 686517| Original|hCoV-19^Japan|Human|Patogen Genomics Center|Patogen Genomics Center|Sekizuka|Japan |
| Spike| hCoV-19/Japan/PG-5703/2020| 2020-07-01| EPI ISL 688827| Original|hCoV-19^Japan|Human|Patogen Genomics Center|Patogen Genomics Center|Sekizuka|Japan |
| Spike| hCoV-19/USA/tx-hmh066/2020| 2020-03-18| EPI ISL 434775| Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA |
>Spike|hCoV-19|Denmark/DCGC-13286/2020|2020-11-30|EPI_ISL_712706|Original|hCoV-19
>hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>SpSpike|hCoV-19|USA/TX-HMW-MCoV-15182/2020|2020-10-19|EPI_ISL_786666|Original|hCoV-19
>hTexas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>SpSpike|hCoV-19|USA/MI-UM-10034148754/2020|2020-05-08|EPI_ISL_578172|Original|hCoV-19
>hMichigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauering Lab|Valesano|USA
>SpSpike|hCoV-19|USA/WI-GMF-20861/2020|2020-09-17|EPI_ISL_660819|Original|hCoV-19
>hWisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA
>SpSpike|hCoV-19|USA/MI-MDHHS-SC22056/2020|2020-09-24|EPI_ISL_583513|Original|hCoV-19
>hMassachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA
>SpSpike|hCoV-19|England/NORW-E6FD6/2020|2020-04-22|EPI_ISL_453548|Original|hCoV-19
>hEngland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>SpSpike|hCoV-19|Denmark/DCGC-10479/2020|2020-11-02|EPI_ISL_670002|Original|hCoV-19
>hEngland|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpSpike|hCoV-19|England/ALDP-C3D6C0/2020|2020-12-10|EPI_ISL_731771|Original|hCoV-19
>hEngland|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>SpSpike|hCoV-19|England/QEUH-9CF9DC/2020|2020-09-16|EPI_ISL_589832|Original|hCoV-19
>hEngland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpSpike|hCoV-19|Denmark/DCGC-21339/2020|2020-12-21|EPI_ISL_759689|Original|hCoV-19
>hEngland|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpSpike|hCoV-19|USA/AZ-TG491691/2020|2020-06-25|EPI_ISL_695215|Original|hCoV-19
>hArizona|Human|AZ SPHL|TGen North|French|USA
>SpSpike|hCoV-19|England/ALDP-B23F78/2020|2020-11-04|EPI_ISL_646327|Original|hCoV-19
>hEngland|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>SpSpike|hCoV-19|England/MILK-A0603D/2020|2020-09-30|EPI_ISL_599890|Original|hCoV-19
>hEngland|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpSpike|hCoV-19|Northern Ireland/NIRE-106D6C/2020|2020-05-25|EPI_ISL_501029|Original|hCoV-19
>hNorthern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpSpike|hCoV-19|France/OCC-SC534/2020|2020-03-16|EPI_ISL_645197|Original|hCoV-19
>hOccitania|Human|CHU N'u00eemes|CNR Virus des Infections Respiratoires - France SUD|Bal|France
>SpSpike|hCoV-19|USA/TX-HMW-4779/2020|2020-06-22|EPI_ISL_544324|Original|hCoV-19
>hTexas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>SpSpike|hCoV-19|England/ALDP-B5D449/2020|2020-11-10|EPI_ISL_678899|Original|hCoV-19
>hEngland|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19|England/204221407/2020|2020-00-00|EPI_ISL_593799|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19|Spain/AR-IBV-98008127/2020|2020-10-13|EPI_ISL_654417|Original|hCoV-19^^Spain|Human|deCODE genetics|deCODE genetics|J\'u00f3nsson|Iceland
>Spike|hCoV-19|England/NORT-28264E/2020|2020-03-27|EPI_ISL_472210|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust |COVID-19 Genomics UK (COG-UK) Consortium |Bashton |United Kingdom
>Spike|hCoV-19|Iceland/333/2020|2020-03-14|EPI_ISL_417662|Original|hCoV-19^^Iceland|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
>Spike|hCoV-19|England/ALDP-A70678/2020|2020-10-15|EPI_ISL_607716|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium |Davies |United Kingdom
>Spike|hCoV-19|England/QEUH-B10882/2020|2020-11-02|EPI_ISL_641616|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium |Davies |United Kingdom
>Spike|hCoV-19|USA/TX-HMH-MCoV-19142/2020|2020-11-23|EPI_ISL_783650|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|Germany/HH-hpi-p2107/2020|2020-03-22|EPI_ISL_776353|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute |Robitaille |Germany
>Spike|hCoV-19|Scotland/CVR4027/2020|2020-08-29|EPI_ISL_535126|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium |Robertson |United Kingdom
>Spike|hCoV-19|South Africa/KRISP-K002554/2020|2020-07-30|EPI_ISL_535423|Original|hCoV-19^^South Africa|Human|KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
>Spike|hCoV-19|USA/WY-WPHL-20157050/2020|2020-12-02|EPI_ISL_756129|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory |Hull |USA
>Spike|hCoV-19|Sweden/Svartstr\u00e6n|2020-10-27|EPI_ISL_661289|Original|hCoV-19^^Sweden|Human|Klinik mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00e6n|Sweden
>Spike|hCoV-19|England/SHEF-C9CD2/2020|2020-08-31|EPI_ISL_540745|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium |de Silva |United Kingdom
>Spike|hCoV-19|Germany/BY-MVP-0041/2020|2020-04-06|EPI_ISL_437240|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis |Graf |Germany
>Spike|hCoV-19|Hungary/US-57417w/2020|2020-10-02|EPI_ISL_677780|Original|hCoV-19^^Hungary|Universal|University of Szeged|National Laboratory of Virology |Kemenesi |Hungary
>Spike|hCoV-19|Netherlands/NA_394/2020|2020-03-31|EPI_ISL_455196|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team |Erasmus Medical Center |Oude Munnink |Netherlands
>Spike|hCoV-19|France/ARA-18673/2020|2020-04-02|EPI_ISL_678503|Original|hCoV-19^^France|Human|CNRS Virus des Infections Respiratoires - France|SUD|CNRS Virus des Infections Respiratoires - France|SUD|France
>Spike|hCoV-19|England/CAMB-785E6/2020|2020-04-05|EPI_ISL_433754|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium |Meredith |United Kingdom
>Spike|hCoV-19|Denmark/DCGC-20216/2020|2020-11-30|EPI_ISL_748054|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics |Albertsen Lab |Michaelsen |Denmark
> Spike| hCoV-19| USA/NY-Wadsworth-27452-01/2020| 2020-03-23| EPI_ISL_525627| Original| hCoV-19| ^New York| Human| Wadsworth Center| Wadsworth Center| Pitlick| USA
> Spike| hCoV-19| Uganda/UG010/2020| 2020-03-30| EPI_ISL_451192| Original| hCoV-19| ^Uganda| Human| Uganda Virus Research Institute| MRC/UVR & LSHTM Uganda| u00aResearch Unit| Cotten| Uganda
> Spike| hCoV-19| England/ALDP-94C5D3/2020| 2020-06-15| EPI_ISL_555903| Original| hCoV-19| ^England| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom
> Spike| hCoV-19| England/CMAC-BBE08E/2020| 2020-11-21| EPI_ISL_703020| Original| hCoV-19| ^England| Human| Virology Department| COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom
> Spike| hCoV-19| Netherlands/NB-EMC-369/2020| 2020-09-30| EPI_ISL_722403| Original| hCoV-19| ^Noord Brabant| Human| Dutch COVID-19 response team| Erasmus Medical Center| Oude Munnink| Netherlands
> Spike| hCoV-19| Wales/PHWC-49CA8F/2020| 2020-12-09| EPI_ISL_742639| Original| hCoV-19| ^Wales| Human| Wales Specialist Virology Centre Sequencing lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom
> Spike| hCoV-19| USA/TX-HMH-5393/2020| 2020-06-29| EPI_ISL_544741| Original| hCoV-19| ^Texas| Human| Houston Methodist Hospital| Houston Methodist Hospital| Long| USA
> Spike| hCoV-19| Japan/PG-1926/2020| 2020-04-00| EPI_ISL_685532| Original| hCoV-19| ^Japan| Human| Pathogen Genomics Center| Pathogen Genomics Center| Sekizuka| Japan
> Spike| hCoV-19| Denmark/DGCC-9821/2020| 2020-11-09| EPI_ISL_669203| Original| hCoV-19| ^Midtjylland| Human| Department of Virus and Microbiological Special Diagnostics| Albertsen Lab| Michaelsen| Denmark
> Spike| hCoV-19| Wales/PHWC-47EDC6/2020| 2020-09-26| EPI_ISL_595591| Original| hCoV-19| ^Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom
> Spike| hCoV-19| Scotland/CVR3007/2020| 2020-04-23| EPI_ISL_484656| Original| hCoV-19| ^Scotland| Human| West of Scotland Specialist Virology Centre| COVID-19 Genomics UK (COG-UK) Consortium| Robertson| United Kingdom
> Spike| hCoV-19| Netherlands/Tilburg_1363354/2020| 2020-02-27| EPI_ISL_413586| Original| hCoV-19| ^Tilburg| Human| Foundation Elisabeth-Tweesteden Ziekenhuis| Erasmus Medical Center| Oude Munnink| Netherlands
> Spike| hCoV-19| Wales/PHWC-49CD77/2020| 2020-12-08| EPI_ISL_742684| Original| hCoV-19| ^Wales| Human| Wales Specialist Virology Centre Sequencing lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom
> Spike| hCoV-19| USA/WI-UW-2309/2020| 2020-11-09| EPI_ISL_728075| Original| hCoV-19| ^Wisconsin| Human| University of Wisconsin-Madison AIDS Vaccine Research Laboratories| University of Wisconsin-Madison AIDS Vaccine Research Laboratories| Baczenas| USA
> Spike| hCoV-19| Chile/RM-165835/2020| 2020-08-31| EPI_ISL_746695| Original| hCoV-19| ^Region Metropolitana de Santiago| Human| Genetica Molecular and Subdepartamento de Virologia ISP Chile| Instituto de Salud Publica de Chile| Tognarelli| Chile
> Spike| hCoV-19| USA/NY-NYU-VC-018/2020| 2020-03-24| EPI_ISL_479672| Original| hCoV-19| ^New York| Human| Center for Genomics and System Biology| Center for Genomics and System Biology| Tweesteden| USA
> Spike| hCoV-19| mink/Denmark/mdK-328/2020| 2020-11-13| EPI_ISL_683177| Original| hCoV-19| ^Denmark| Neovison vison| Department of Virus and Microbiological Special Diagnostics| Albertsen Lab| Michaelsen| Denmark
> Spike| hCoV-19| USA/WI-WSLH-200224/2020| 2020-04-12| EPI_ISL_578444| Original| hCoV-19| ^Wisconsin| Human| Wisconsin State Laboratory of Hygiene Communicable Disease Division| Wisconsin State Laboratory of Hygiene Communicable Disease Division| Florek| USA
> Spike| hCoV-19| England/CMAC-BFB01C/2020| 2020-12-04| EPI_ISL_709153| Original| hCoV-19| ^England| Human| Lighthouse Lab in Cambridge| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom
> Spike| hCoV-19| England/ALDP-B5CA84/2020| 2020-11-08| EPI_ISL_655851| Original| hCoV-19| ^England| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom
Virology|Foster|Australia
South Wales|Human|Area of Virology|Virology Research Laboratory; Area of
Munnink|Netherlands
19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude
19^^Scotland|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia
19^^England|Human|PathWest Laboratory Medicine WA|S81|USA
19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Nesselquist|USA
19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
19^^England|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczunas|USA
19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczunas|USA
19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
19^^Minnesota|Human|Essentia Health-St. Mary's Medical Center|Minnesota Department of Health|Garfin|USA
19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
19^^New York|Human|SARATOGA HOSPITAL LABORATORY|Wadsworth Center|Lasek-Nesselquist|USA
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia
19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude
19^^New South Wales|Human|Area of Virology|Virology Research Laboratory; Area of Virology|Foster|Australia
>Spike|hCoV-19/England/QEUH-B9FD31/2020|2020-11-18|EPI_ISL_721124|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/South Korea/KDCA0454/2020|2020-11-16|EPI_ISL_760238|Original|hCoV-19
^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea
>Spik|hCoV-19/England/CAMC-B099F2/2020|2020-10-30|EPI_ISL_673013|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/USA/CT-Yale-234/2020|2020-04-01|EPI_ISL_463167|Original|hCoV-19
^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA
>Spik|hCoV-19/Thailand/Sririraj_1/2020|2020-00-00|EPI_ISL_447906|unknown|hCoV-19
^Bangkok|Human|Siriraj hospital|National Institute of Health. Department of medical Sciences|Okada|Thailand
>Spik|hCoV-19/England/SHEF-C94CB/2020|2020-09-17|EPI_ISL_573719|Original|hCoV-19
^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spik|hCoV-19/Scotland/CVR4653/2020|2020-09-22|EPI_ISL_612295|Original|hCoV-19
^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spik|hCoV-19/USA/WA-S2765/2020|2020-08-03|EPI_ISL_525755|Original|hCoV-19
^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA
>Spik|hCoV-19/Denmark/DCGC-19540/2020|2020-12-07|EPI_ISL_748380|Original|hCoV-19
^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spik|hCoV-19/Scotland/CVR4653/2020|2020-11-12|EPI_ISL_668090|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/England/NORT-29D130/2020|2020-05-04|EPI_ISL_499507|Original|hCoV-19
^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spik|hCoV-19/England/ALDP-8FD9C7/2020|2020-06-24|EPI_ISL_551432|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/204742376/2020|2020-11-17|EPI_ISL_766098|Original|hCoV-19
^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spik|hCoV-19/England/MILK-B052A0/2020|2020-10-24|EPI_ISL_650384|Original|hCoV-19
^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spik|hCoV-19/Denmark/DCGC-20502/2020|2020-12-21|EPI_ISL_759190|Original|hCoV-19
^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spik|hCoV-19/Ireland/NVRL-AIIDV1109v1/2020|2020-04-24|EPI_ISL_644264|Original|hCoV-19
^Wicklow|Human|CEPHR / Vincent's Hospital|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland
>Spik|hCoV-19/Scotland/QEUH-A0076B/2020|2020-10-02|EPI_ISL_600235|Original|hCoV-19
^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Netherlands/Limburg_48/2020|2020-04-02|EPI_ISL_461036|Original|hCoV-19
^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spik|hCoV-19/England/QEUH-95FB62/2020|2020-08-05|EPI_ISL_531907|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/NM-QDX-212/2020|2020-04-30|EPI_ISL_494535|Original|hCoV-19^^New Mexico|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

Spike|hCoV-19/Spain/IB-IVB-2525/2020|2020-03-20|EPI_ISL_469014|Original|hCoV-19^^Illes Balears|Human|Servicio de Microbiologia|u00eda|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

Spike|hCoV-19/Australia/VIC12766/2020|2020-07-28|EPI_ISL_640490|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

Spike|hCoV-19/Switzerland/ZH-ETHZ-300398/2020|2020-09-28|EPI_ISL_603365|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

Spike|hCoV-19/South Korea/KCDC2102/2020|2020-03-04|EPI_ISL_498003|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

Spike|hCoV-19/Australia/NSW612/2020|2020-06-10|EPI_ISL_490021|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

Spike|hCoV-19/USA/LA-EVTL030/2020|2020-04-24|EPI_ISL_435568|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

Spike|hCoV-19/England/LIVE-9BBDC/2020|2020-04-21|EPI_ISL_440901|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium/Haldenby|United Kingdom

Spike|hCoV-19/England/ALDP-A522F0/2020|2020-10-07|EPI_ISL_598092|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium/Davies|United Kingdom

Spike|hCoV-19/Scotland/QEUH-A2250F/2020|2020-10-01|EPI_ISL_598978|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium/Davies|United Kingdom

Spike|hCoV-19/USA/TX-HMH-5060/2020|2020-06-24|EPI_ISL_544495|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19/USA/TX-HMH-4702/2020|2020-06-22|EPI_ISL_544270|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19/England/NOTT-11BEE9/2020|2020-11-14|EPI_ISL_652393|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) consortium/Loose|United Kingdom

Spike|hCoV-19/Scotland/EDB5621/2020|2020-05-27|EPI_ISL_493960|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) consortium/Williams|United Kingdom

Spike|hCoV-19/England/CAMC-BD1780/2020|2020-11-27|EPI_ISL_702348|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium/Davies|United Kingdom

Spike|hCoV-19/USA/DC-CDC-0019/2020|2020-03-08|EPI_ISL_447840|Original|hCoV-19^^District of Columbia|Human|National Influenza Center|Biotechnology & OMICs Laboratory|Al Mahruqi|Oman

Spike|hCoV-19/Australia/VIC2767/2020|2020-07-07|EPI_ISL_521602|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

Spike|hCoV-19/England/201360017/2020|2020-03-24|EPI_ISL_421768|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

Spike|hCoV-19/Wales/PHWC-4944B6/2020|2020-11-20|EPI_ISL_726123|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) consortium/Moore|United Kingdom

Spike|hCoV-19/Scotland/QEUH-BF1A18/2020|2020-12-05|EPI_ISL_710650|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium/Davies|United Kingdom
Spike|hCoV-19|Australia/VIC17784/2020|2020-07-27|EPI_ISL_779449|Original|hCoV-19

Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Beck,Australia

Spike|hCoV-19|USA/UT-04032/2020|2020-05-11|EPI_ISL_475726|Original|hCoV-19

Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young,USA

Spike|hCoV-19|USA/MI-MDHS-SC21108/2020|2020-03-31|EPI_ISL_507884|Original|hCoV-19

Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship,USA

Spike|hCoV-19|Wales/PHWC-49AE3A/2020|2020-12-04|EPI_ISL_727694|Original|hCoV-19

Wales|Human|COVID-19 Genomics UK (COG-UK) Consortium|Amato,UK

Spike|hCoV-19|Romania/ROSV_7981/2020|2020-05-12|EPI_ISL_491088|Original|hCoV-19

Sucrea|Human|Sucrea County Emergency Hospital|Stefan cel Mare\ University Metagenomics Lab|Lobiuc,Romania

Spike|hCoV-19|Netherlands/ZH-EMC-688/2020|2020-10-06|EPI_ISL_632542|Original|hCoV-19

Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink,Netherlands

Spike|hCoV-19|Saint Kitts and Nevis/KNA007690/2020|2020-03-20|EPI_ISL_756306|Original|hCoV-19

Saint Kitts and Nevis|Human|Caribbean Regional Health Authority|Carrington Lab|Sahadeo,Saint Kitts and Nevis

Spike|hCoV-19|USA/MN130-MDH130/2020|2020-03-17|EPI_ISL_421686|Original|hCoV-19

Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Wang,USA

Spike|hCoV-19|India/GJ-GBRC81b/2020|2020-05-05|EPI_ISL_447541|Original|hCoV-19

Gujarat|Human|Gujarat Biotechnology Research Centre|Gujarat Biotechnology Research Centre|Joshi,India

Spike|hCoV-19|USA/TX-HMH-MCoV-15248/2020|2020-10-20|EPI_ISL_786732|Original|hCoV-19

Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long,USA

Spike|hCoV-19|England/QEH-A8A963/2020|2020-10-16|EPI_ISL_638863|Original|hCoV-19

England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik,UK

Spike|hCoV-19|South Korea/KDCA0386/2020|2020-11-04|EPI_ISL_760170|Original|hCoV-19

South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park,South Korea

Spike|hCoV-19|England/CAMB-79F23/2020|2020-04-02|EPI_ISL_441259|Original|hCoV-19

England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato,UK

Spike|hCoV-19|Spain/VC-FISABIO-238/2020|2020-03-24|EPI_ISL_436333|Original|hCoV-19

Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Clínico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas,Spain

Spike|hCoV-19|England/BIRM-67AEB/2020|2020-10-31|EPI_ISL_651628|Original|hCoV-19

England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman,UK

Spike|hCoV-19|USA/WA-S502/2020|2020-03-24|EPI_ISL_434262|Original|hCoV-19

Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford,USA

Spike|hCoV-19|Canada/ON-PHL-20-03652/2020|2020-11-00|EPI_ISL_775091|Original|hCoV-19

Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie,Canada

Spike|hCoV-19|England/QEH-B9E1DC/2020|2020-11-17|EPI_ISL_721131|Original|hCoV-19

England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies,UK

Spike|hCoV-19|Scotland/QEUH-965871/2020|2020-08-12|EPI_ISL_531045|Original|hCoV-19

Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies,UK

Spike|hCoV-19|Scotland/GCVR-17086C/2020|2020-03-25|EPI_ISL_459632|Original|hCoV-19

Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-
University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike| hCoV-19/Luxembourg/LNS2082730/2020| 2020-10-31| EPI_ISL_740057| Original|hCoV-19^ Luxembourg| Human| Laboratoire national de santé| Laboratoire national de santé| Wienecke-Baldacchino| Luxembourg

> Spike| hCoV-19/England/ALDP-CC0808/2020| 2020-12-17| EPI_ISL_760728| Original|hCoV-19^ England| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom

> Spike| hCoV-19/Wales/PHWC-494119/2020| 2020-11-16| EPI_ISL_726070| Original|hCoV-19^ Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom

> Spike| hCoV-19/USA/TX-HMH-MCoV-13525/2020| 2020-08-21| EPI_ISL_788650| Original|hCoV-19^ Texas| Human| Houston Methodist Hospital| Houston Methodist Hospital| Long| USA

> Spike| hCoV-19/England/CAMB-18A013/2020| 2020-11-06| EPI_ISL_651575| Original|hCoV-19^ England| Human| Department of Pathology| COVID-19 Genomics UK (COG-UK) Consortium| Goodfellow| United Kingdom

> Spike| hCoV-19/England/ALDP-BB537F/2020| 2020-11-20| EPI_ISL_701941| Original|hCoV-19^ England| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom

> Spike| hCoV-19/England/ALDP-C81280/2020| 2020-12-11| EPI_ISL_783495| Original|hCoV-19^ England| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom

> Spike| hCoV-19/England/CAMB-B77AB0/2020| 2020-11-12| EPI_ISL_783495| Original|hCoV-19^ England| Human| Lighthouse Lab in Cambridge| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom

> Spike| hCoV-19/USA/NY-02/2020/03-06-2020| EPI_ISL_456203| Original|hCoV-19^ New York| Human| LabPLUS| Institute of Environmental Science and Research (ESR)| de Ligt| New Zealand

> Spike| hCoV-19/England/MILK-99A749/2020| 2020-08-29| EPI_ISL_550294| Original|hCoV-19^ England| Human| Lighthouse Lab in Milton Keynes| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom

> Spike| hCoV-19/England/CAMB-B77AB0/2020| 2020-11-12| EPI_ISL_783495| Original|hCoV-19^ England| Human| Lighthouse Lab in Cambridge| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom

> Spike| hCoV-19/USA/NY-PV08401/2020| 2020-03-16| EPI_ISL_421369| Original|hCoV-19^ New York| Human| MSHS Clinical Microbiology Laboratories| MSHS Pathogen Surveillance Program| van Bakel| USA

> Spike| hCoV-19/England/CAMB-B9A000/2020| 2020-11-15| EPI_ISL_673554| Original|hCoV-19^ England| Human| Lighthouse Lab in Cambridge| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom

> Spike| hCoV-19/England/ALDP-C8A0E4/2020| 2020-12-16| EPI_ISL_762693| Original|hCoV-19^ England| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom

> Spike| hCoV-19/Spain/MD-IBV-99007733/2020| 2020-08-11| EPI_ISL_582843| Original|hCoV-19^ Madrid| Human| Hospital General Universitario Gregorio Mara\u00f1\u00e9| SeqCOVID-SPAIN consortium| IBV (CSIC)| Comas| Spain

> Spike| hCoV-19/England/QEUI-B0EAS4/2020| 2020-11-02| EPI_ISL_642086| Original|hCoV-19^ England| Human| Lighthouse Lab in Glasgow| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom

> Spike| hCoV-19/USA/VA-DCLS-0364/2020| 2020-05-12| EPI_ISL_463125| Original|hCoV-19^ Virginia| Human| Virginia DCLS| Virginia DCLS| St. Jacques| USA
>Spike|hCoV-19/USA/TX-HMH-MCoV-11268/2020|2020-09-04|EPI_ISL_789755|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19/USA/TX-HMH-MCoV-13260/2020|2020-08-24|EPI_ISL_788409|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19/Denmark/DGCC-18173/2020|2020-12-14|EPI_ISL_749795|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spik|hCoV-19/Denmark/DGCC-21306/2020|2020-12-21|EPI_ISL_759664|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spik|hCoV-19/USA/WY-WPHL-20172245/2020|2020-12-30|EPI_ISL_770480|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA
>Spik|hCoV-19/England/ALDP-A86E1D/2020|2020-10-16|EPI_ISL_605983|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/ALDP-95C34F/2020|2020-06-20|EPI_ISL_555037|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/USA/CA-ALSR-3694/2020|2020-06-05|EPI_ISL_636152|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spik|hCoV-19/Switzerland/BS-UHB-42191225/2020|2020-03-14|EPI_ISL_528093|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Rolloff Handschin|Switzerland
>Spik|hCoV-19/England/LIVE-1D6F50/2020|2020-09-17|EPI_ISL_572906|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spik|hCoV-19/England/ALDP-C05F7B/2020|2020-12-06|EPI_ISL_709488|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/ALDP-9E88FE/2020|2020-09-24|EPI_ISL_638030|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/ALDP-B1CEC0/2020|2020-11-01|EPI_ISL_645591|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/ALDP-C589F3/2020|2020-12-13|EPI_ISL_736085|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Australia/VIC2087/2020|2020-06-12|EPI_ISL_480699|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spik|hCoV-19/USA/WA-UW-1465/2020|2020-03-17|EPI_ISL_424177|Original|hCoV-19^^Washington|Human|University of Washington Virology Lab|Virology Lab|Rochouhury|USA
>Spik|hCoV-19/Wales/PHWC-48F0F6/2020|2020-11-07|EPI_ISL_681045|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Moor|United Kingdom
>Spik|hCoV-19/England/QEUH-9FFD13/2020|2020-10-02|EPI_ISL_600399|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/ALDP-9B5881/2020|2020-08-28|EPI_ISL_590307|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Silva|United Kingdom

19\(^\circ\) England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Hamda|United Arab Emirates

23|EPI-ISL-548967|Original|hCoV-19\(^\circ\) England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

08|EPI-Diagnostics|Albertsen Lab|Michaelsen|Denmark

19\(^\circ\) Hovedstaden|Human|Department of Virus and Microbiological Special|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

19\(^\circ\) England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

19\(^\circ\) Japan|Human|Pathogen Genomics Center|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia

19\(^\circ\) England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

19\(^\circ\) England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

19\(^\circ\) USA/OR-OHSU-2820|2020|2020-09-02|EPI-ISL-667328|Original|hCoV-19\(^\circ\) Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O"Roak|USA

19\(^\circ\) Denmark/DCGC-21028|2020|2020-12-21|EPI-ISL-759513|Original|hCoV-19\(^\circ\) Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

19\(^\circ\) England/QUEUH-9D34E3|2020|2020-09-18|EPI-ISL-577336|Original|hCoV-19\(^\circ\) England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

19\(^\circ\) England/MIILK-9755FF|2020|2020-08-20|EPI-ISL-552704|Original|hCoV-19\(^\circ\) England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

19\(^\circ\) England/QUEUH-9F41A9|2020|2020-09-25|EPI-ISL-588548|Original|hCoV-19\(^\circ\) England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

19\(^\circ\) England/ALDP-BBA2C8|2020|2020-11-21|EPI-ISL-702483|Original|hCoV-19\(^\circ\) England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

19\(^\circ\) Australia/VIC5628|2020|2020-07-16|EPI-ISL-518439|Original|hCoV-19\(^\circ\) Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

19\(^\circ\) Japan/PG-4952|2020|2020-08-08|EPI-ISL-690071|Original|hCoV-19\(^\circ\) Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

19\(^\circ\) England/ALDP-A6D368|2020|2020-10-15|EPI-ISL-608122|Original|hCoV-19\(^\circ\) England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

19\(^\circ\) Denmark/DCGC-21200|2020|2020-12-21|EPI-ISL-758813|Original|hCoV-19\(^\circ\) Rovvedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

19\(^\circ\) Ireland/D-NVRL-AIIDV1213v1|2020|2020-10|EPI-ISL-768777|Original|hCoV-19\(^\circ\) Dublin|Human|AIID|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

19\(^\circ\) United Arab Emirates/DU-A-S2-3_52|2020|2020-04-23|EPI-ISL-549867|Original|hCoV-19\(^\circ\) England/Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

19\(^\circ\) England/SHEF-C84CC|2020|2020-03-25|EPI-ISL-442029|Original|hCoV-19\(^\circ\) England/Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19|England/CAMB-77FAD/2020|2020-04-01|EPI_ISL_441789|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19|England/LIVE-DC824D/2020|2020-11-17|EPI_ISL_705938|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) consortium|Haldenby|United Kingdom
>Spike|hCoV-19|Scotland/QEUH-A1FD00/2020|2020-10-01|EPI_ISL_599115|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/WA-UK-23342/2020|2020-08-07|EPI_ISL_576429|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19|Japan/PG-7152/2020|2020-09-00|EPI_ISL_688257|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19|USA/PA-MGSC56-05/2020|2020-03-25|EPI_ISL_436503|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Laboratory|Microbial Genome Sequencing Center|Cooper|USA
>Spike|hCoV-19|Spain/IB-IVB-h2502/2020|2020-03-15|EPI_ISL_468982|Original|hCoV-19^^Illes Balears|Human|Servicio de Microbiologia|u00eda|SeqCOVID-SPAIN consortium|IBV|Comas|Spain
>Spike|hCoV-19|Denmark/DCGC-13260/2020|2020-11-30|EPI_ISL_712687|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19|England/QEUH-A5E573/2020|2020-10-10|EPI_ISL_597400|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Poland/PL_P33/2020|2020-03-13|EPI_ISL_455446|Original|hCoV-19^^Mazowieckie|Human|1. ViroGenetics - BSL3 Laboratory of Virology|1. ViroGenetics - BSL3 Laboratory of Virology|Pyrc|Poland
>Spike|hCoV-19|Australia/VIC15683/2020|2020-10-03|EPI_ISL_593441|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19|England/NORW-F08DE/2020|2020-10-05|EPI_ISL_584741|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) consortium|Alikhan|United Kingdom
>Spike|hCoV-19|USA/ME-HETL-J0080/2020|2020-03-19|EPI_ISL_513491|Original|hCoV-19^^Maine|Human|Maine HETL|Tewhey Lab|Tewhey|USA
>Spike|hCoV-19|England/CAMC-A3EBB0/2020|2020-10-04|EPI_ISL_609541|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/QEUH-9694F1/2020|2020-08-12|EPI_ISL_531202|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Australia/VIC13469/2020|2020-08-03|EPI_ISL_592248|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19|Australia/VIC12082/2020|2020-07-28|EPI_ISL_591912|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19|Equatorial Guinea/14513/2020|2020-06-04|EPI_ISL_648358|Original|hCoV-19^^Equatorial Guinea|Human|Laboratorio de Investigaciones de Baney|University Hospital Basel|Hosch|Equatorial Guinea
>Spike|hCoV-19|USA/CA-ALSR-4391/2020|2020-07-22|EPI_ISL_649004|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19|Uganda/UG053/2020|2020-05-11|EPI_ISL_737970|Original|hCoV-19^^Uganda|Human|Uganda Central Public Health Lab and Uganda Virus Research Institute|MRC/UVRI & LSHTM|u00a0Research Unit|Cotten|Uganda
>Spike|hCoV-19|England/MILK-976707/2020|2020-08-20|EPI_ISL_575859|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Russia/KK-RII-MH2760S/2020|2020-09-18|EPI_ISL_602433|Original|hCoV-19^^Khakassia|Human|HELIx LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/BIRM-6534C/2020|2020-09-30|EPI_ISL_594550|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/ALDP-B8523F/2020|2020-11-15|EPI_ISL_674300|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Bahrain/340846550_S17_L001/2020|2020-10-11|EPI_ISL_681306|Original|hCoV-19^^Bahrain|Human|Communicable Disease Laboratory|Communicable Disease Laboratory|Altaif|Bahrain

>Spike|hCoV-19/Norway/7185/2020|2020-12-27|EPI_ISL_775433|Original|hCoV-19^^More og Romsdal|Human|Department of Medical Microbiology - section Molde|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/United Arab Emirates/0736/2020|2020-05-15|EPI_ISL_698189|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/WA-UW298/2020|2020-03-13|EPI_ISL_418866|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/United Arab Emirates/0712/2020|2020-05-19|EPI_ISL_698863|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/United Arab Emirates/1059/2020|2020-06-11|EPI_ISL_698134|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/ALDP-A6CCC8/2020|2020-10-14|EPI_ISL_608045|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-988C4F/2020|2020-08-03|EPI_ISL_529589|Original|hCoV-19^^England|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/QUEUH-9CA054/2020|2020-09-10|EPI_ISL_567416|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-BB647/2020|2020-12-25|EPI_ISL_745200|Original|hCoV-19^^Telangana|Human|Nizams Institute of Medical Sciences|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/USA/CA-ALSR-1303/2020|2020-05-03|EPI_ISL_494487|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-26A24/2020|2020-03-29|EPI_ISL_422374|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC17516/2020|2020-08-20|EPI_ISL_663907|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Morocco/FMP-27/2020|2020-12-00|EPI_ISL_728355|Original|hCoV-19^^Harhoura|Human|Laboratoire Biolife|Laboratoire de Biotechnologie|Ouadhiri|Morocco

>Spike|hCoV-19/Belgium/ITM_C456/2020|2020-04-13|EPI_ISL_434378|Original|hCoV-19^^Antwerp|Human|Hospital AZ Rivierenland|Institute of Tropical Medicine|Selehorst|Belgium

>Spike|hCoV-19/England/MILK-B3974A/2020|2020-11-01|EPI_ISL_679637|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-995386/2020|2020-08-24|EPI_ISL_552235|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/ALDP-637671/2020|2020-07-04|EPI_ISL_556224|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/USA/MI-MDHSS-SC21537/2020|2020-04-06|EPI_ISL_516264|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

Spike|hCoV-19/Wales/PHWC-4A096D/2020|2020-12-10|EPI_ISL_743518|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19/Australia/VIC5247/2020|2020-07-09|EPI_ISL_520012|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

Spike|hCoV-19/Denmark/DGCC-16153/2020|2020-11-16|EPI_ISL_714608|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

Spike|hCoV-19/USA/MN-MDH-2041/2020|2020-11-03|EPI_ISL_654722|Original|hCoV-19^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

Spike|hCoV-19/England/CAMB-7378B/2020|2020-03-30|EPI_ISL_425235|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

Spike|hCoV-19/England/MILK-AB795E/2020|2020-10-21|EPI_ISL_623814|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Australia/VIC17354/2020|2020-08-21|EPI_ISL_663854|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

Spike|hCoV-19/Switzerland/SO-ETHZ-390336/2020|2020-11-30|EPI_ISL_721892|Original|hCoV-19^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

Spike|hCoV-19/Wales/PHWC-31974/2020|2020-04-10|EPI_ISL_446509|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

Spike|hCoV-19/Germany/HH-hipi-p1941/2020|2020-03-27|EPI_ISL_776268|Original|hCoV-19^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

Spike|hCoV-19/England/CAMB-7378B/2020|2020-03-30|EPI_ISL_425235|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

Spike|hCoV-19/England/MILK-AB795E/2020|2020-10-21|EPI_ISL_623814|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Australia/VIC17354/2020|2020-08-21|EPI_ISL_663854|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

Spike|hCoV-19/Switzerland/BS-UHB-42201233/2020|2020-03-21|EPI_ISL_528283|Original|hCoV-19^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

Spike|hCoV-19/USA/ID-OHSU-1977/2020|2020-07-30|EPI_ISL_525806|Original|hCoV-19^Idaho|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

Spike|hCoV-19/England/ALDP-A706F0/2020|2020-10-15|EPI_ISL_607690|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/OXON-B1FC5/2020|2020-05-01|EPI_ISL_479104|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

Spike|hCoV-19/Israel/2107681/2020|2020-04-14|EPI_ISL_447350|Original|hCoV-19^Jerusalem District|Human|Clinical Virology Unit|Stern Lab|Miller|Israel

Spike|hCoV-19/USA/NY-NYUMC883/2020|2020-04-01|EPI_ISL_458022|Original|hCoV-19^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

Spike|hCoV-19/Denmark/DGCC-10202/2020|2020-11-09|EPI_ISL_668629|Original|hCoV-19^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

Spike|hCoV-19/Cote d'Ivoire/C02-1435/2020|2020-07-22|EPI_ISL_682058|Original|hCoV-19^Guiglo|Human|Molecular diagnostic unit for viral haemorrhagic fevers and emerging
virologists|Project group Epidemiology of Highly Pathogenic
Microorganisms|Schubert\(C\)\(\backslash\)u00f4te d'Ivoire

> Spike|hCoV-19^England|CAMC-BBFBE2/2020|2020-12-04|EPI_ISL_708996|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19|England|ALDP-C3961f/2020|2020-12-09|EPI_ISL_731369|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19|Colombia|NAR-INS-103313/2020|2020-04-28|EPI_ISL_526956|Original|hCoV-19^Narino|Human|Instituto Nacional de Salud|Instituto Nacional de Salud|Franco-Mu\(C\)\(\backslash\)u00f4te|Colombia

> Spike|hCoV-19|USA|TX-DSHS-0118/2020|2020-06-11|EPI_ISL_522947|Original|hCoV-19^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

> Spike|hCoV-19|USA|CA-ALSR-1512/2020|2020-04-21|EPI_ISL_494634|Original|hCoV-19^California|Human|San Diego County Public Health Laboratory|Andersen lab at
Scripps Research|Gangavarapu|USA

> Spike|hCoV-19|England|CAMC-9463EE/2020|2020-07-13|EPI_ISL_556672|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|Singapore|709/2020|2020-06-11|EPI_ISL_498607|Original|hCoV-19^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

> Spike|hCoV-19|Australia|WA53/2020|2020-03-21|EPI_ISL_470870|Original|hCoV-19^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA|Sikazwe|Australia

> Spike|hCoV-19|Japan|IC-0071/2020|2020-07-00|EPI_ISL_591413|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

> Spike|hCoV-19|England|20172003704/2020|2020-04-21|EPI_ISL_465326|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

> Spike|hCoV-19|Denmark|DCGC-20958/2020|2020-12-21|EPI_ISL_759474|Original|hCoV-19^Nordjylland|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen Lab|Michaelsen|Denmark

> Spike|hCoV-19|USA|TX-HMH0121/2020|2020-03-20|EPI_ISL_434821|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

> Spike|hCoV-19|USA|NY-Wadsworth-79575-01/2020|2020-05-05|EPI_ISL_676908|Original|hCoV-19^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

> Spike|hCoV-19|Australia|NSW964/2020|2020-09-11|EPI_ISL_545036|Original|hCoV-19^New South Wales|Human|Histopath|NSW Health - Institute of Clinical Pathology and Medical Research; Westmead Hospital|University of Sydney|Gall|Australia

> Spike|hCoV-19|Jordan|AM-ALSRS-5293/2020|2020-11-04|EPI_ISL_730530|Original|hCoV-19^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps
Research|Gangavarapu|Jordan

> Spike|hCoV-19|England|MLK-A23C09/2020|2020-10-03|EPI_ISL_595107|Original|hCoV-19^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

> Spike|hCoV-19|Denmark|DCGC-18894/2020|2020-12-07|EPI_ISL_748361|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen Lab|Mikaelsen|Denmark

> Spike|hCoV-19|Wales|QUEHU-AD33E5/2020|2020-10-24|EPI_ISL_647962|Original|hCoV-19^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19
Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19|Australia|QLD1208/2020|2020-03-20|EPI_ISL_639799|Original|hCoV-19^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

> Spike|hCoV-19|Ireland|D-NVRL-20035425/2020|2020-03-20|EPI_ISL_605124|Original|hCoV-19^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Helixworks|Chalapati|Ireland
>Spike|hCoV-19|USA/CA-CZB-3303/2020|2020-07-21|EPI_ISL_548288|Original|hCoV-19^^California|Human|County of San Luis Obispo Public Health Laboratory|Chen-Zuckerberg Biohub|Bhatt|USA
>Spke|hCoV-19|England/MILK-ACEAE8/2020|2020-10-22|EPI_ISL_629704|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19|England/QUEH-96E614/2020|2020-08-19|EPI_ISL_530464|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19|England/QUEH-C5018/2020|2020-12-14|EPI_ISL_769385|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19|Scotland/QUEH-AC46FD/2020|2020-10-07|EPI_ISL_595992|Original|hCoV-19^^Scotland|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Ali KHAN|United Kingdom
>Spke|hCoV-19|England/QUEH-9A44BE/2020|2020-09-01|EPI_ISL_540204|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19|USA/OR-OHSU-2822/2020|2020-09-02|EPI_ISL_667330|Original|hCoV-19^^Oregon|Human|OHsu Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA
>Spke|hCoV-19|India/WB-IK62/2020|2020-04-09|EPI_ISL_511903|Original|hCoV-19^^West Bengal|Human|Institute Of Post Graduate Medical Education & Research|National Institute Of Biomedical Genomics -u00a0DBT's PAN-INDIA 1000 SARS--CoV-2 RNA Genome Sequencing Consortium|Maitra|India
>Spke|hCoV-19|Scotland/QUEH-A4C6FD/2020|2020-10-07|EPI_ISL_595992|Original|hCoV-19^^Scotland|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Ali KHAN|United Kingdom
>Spke|hCoV-19|England/QUEH-9A44BE/2020|2020-09-01|EPI_ISL_540204|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19|USA/MA-MGH-01207/2020|2020-05-04|EPI_ISL_791906|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA
>Spke|hCoV-19|Wales/QUEH-96371C/2020|2020-08-10|EPI_ISL_531796|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19|England/ALDP-BB2A85/2020|2020-11-14|EPI_ISL_675628|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19|Luxembourg/LNS6858142/2020|2020-10-20|EPI_ISL_744475|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9e9|Laboratoire national de sant\u00e9e9|Wienecke-Baldacchino|Luxembourg
>Spke|hCoV-19|Denmark/DGCC-1195/2020|2020-05-25|EPI_ISL_614841|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen|Biologen|Denmark
>Spke|hCoV-19|India/UT-AR42/2020|2020-05-28|EPI_ISL_508186|Original|hCoV-19^^Uttarakhand|Human|All india institute of Medical Sciences Rishikesh|National Institute of Biomedical Genomics|Maitra|India
>Spke|hCoV-19|England/CAMC-94AC94/2020|2020-07-14|EPI_ISL_556802|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19|Japan/IC-0047/2020|2020-05-05|EPI_ISL_591389|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spke|hCoV-19|Panama/341361/2020|2020-04-15|EPI_ISL_496614|Original|hCoV-19^^Panama|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|MartinZ|Panama
>Spke|hCoV-19|South Korea/KCDC2510/2020|2020-06-16|EPI_ISL_514913|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea
>Spke|hCoV-19|England/ALDP-A960E7/2020|2020-10-20|EPI_ISL_624798|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-3363/2020|2020-06-13|EPI_ISL_544148|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/OXON-B29E4/2020|2020-04-13|EPI_ISL_534786|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Portugal/PT1703/2020|2020-08-22|EPI_ISL_693632|Original|hCoV-19^Portugal|Human|Hospital Vila Franca de Xira|Instituto Nacional de Saude (INSA)|Borges|Portugal
>Spike|hCoV-19/USA/LA-EVTL1114/2020|2020-12-04|EPI_ISL_768384|Original|hCoV-19^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spike|hCoV-19/Denmark/DGCC-782/2020|2020-04-27|EPI_ISL_614413|Original|hCoV-19^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Sweden/20-52961/2020|2020-09-04|EPI_ISL_660429|Original|hCoV-19^England|Human|The Public Health Agency of Sweden|Svartstr|u00f6f6m|Sweden
>Spike|hCoV-19/India/GJ-GBRC258b/2020|2020-06-12|EPI_ISL_483849|Original|hCoV-19^Gujarat|Human|Pandit Deendayal Upadhyay Government Medical College|Gujarat Biotechnology Research Centre|Joshi|India
>Spike|hCoV-19/USA/WA-UW-47127/2020|2020-12-16|EPI_ISL_756230|Original|hCoV-19^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/England/OXON-B37FB/2020|2020-03-21|EPI_ISL_534889|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/USA/UT-089/2020|2020-03-12|EPI_ISL_420803|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/England/20148032904/2020|2020-03-31|EPI_ISL_466054|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/USA/VA-DCLS-0780/2020|2020-06-25|EPI_ISL_526894|Original|hCoV-19^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spike|hCoV-19/Switzerland/GR-HUG-3043/2020|2020-02-27|EPI_ISL_415699|Original|hCoV-19^Graubunden|Human|University Hospitals of Geneva Laboratory of Virology|University Hospitals of Geneva Laboratory of Virology|Cordey|Switzerland
>Spike|hCoV-19/USA/TX-QDX-190/2020|2020-04-29|EPI_ISL_494545|Original|hCoV-19^Texas|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/Denmark/DGCC-14437/2020|2020-11-30|EPI_ISL_711767|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Denmark/DGCC-770/2020|2020-03-09|EPI_ISL_614540|Original|hCoV-19^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Scotland/QEUH-963907/2020|2020-08-10|EPI_ISL_531598|Original|hCoV-19^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-A86C8C/2020|2020-10-17|EPI_ISL_606058|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/20109051806/2020|2020-03-06|EPI_ISL_417270|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/India/TG-CCMB-GC4/2020|2020-05-17|EPI_ISL_528818|Original|hCoV-19^Telangana|Human|Department of Medicine|CSIR-Centre for Cellular and Molecular Biology|Banu|India
>Spike|hCoV-19/USA/WA-S616/2020|2020-04-23|EPI_ISL_438169|Original|hCoV-19^Washington|Human|Seattle Flu Study|Seattle Flu Study|Bedford|USA
>Spike|hCoV-19/United Arab Emirates/0126/2020|2020-05-18|EPI_ISL_698316|Original|hCoV-19^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
Spike|hCoV-19/Australia/VIC13875/2020|2020-09-01|EPI_ISL_592337|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19/Canada/ON-S260/2020|2020-03-27|EPI_ISL_755839|Original|hCoV-19|Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
Spike|hCoV-19/England/ALDP-B735E0/2020|2020-11-12|EPI_ISL_662496|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/USA/AZ-TG312663/2020|2020-05-16|EPI_ISL_694325|Original|hCoV-19|Arizona|Human|TGen North|TGen North|French|USA
Spike|hCoV-19/England/LIVE-DC93EA/2020|2020-12-04|EPI_ISL_705062|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
Spike|hCoV-19/Switzerland/ZH-UZH-1000478554/2020|2020-03-03|EPI_ISL_524479|Original|hCoV-19|Zurich|Human|Klinik Hirslanden Zürich|Institute of Medical Virology|Schmutz|Switzerland
Spike|hCoV-19/England/ALDP-C3AA8/2020|2020-12-09|EPI_ISL_731640|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/Wales/MILK-970B89/2020|2020-08-18|EPI_ISL_553016|Original|hCoV-19|Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/LIVE-DC93EA/2020|2020-12-04|EPI_ISL_705062|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Iceland/491/2020|2020-03-20|EPI_ISL_424513|Original|hCoV-19|Reykjavik|Human|The National University Hospital of Iceland|deCODE Genetics|Jonason|Iceland
Spike|hCoV-19/USA/OH-QDX-906/2020|2020-03-20|EPI_ISL_571685|Original|hCoV-19|Ohio|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
Spike|hCoV-19/Wales/PHWC-4A534C/2020|2020-12-15|EPI_ISL_764853|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing Lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/Denmark/DGCC-17043/2020|2020-12-14|EPI_ISL_750726|Original|hCoV-19|Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelson|Denmark
Spike|hCoV-19/USA/UT-UPHL-2009220/2020|2020-05-12|EPI_ISL_525220|Original|hCoV-19|Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
Spike|hCoV-19/England/PORT-2D3C1F/2020|2020-00-00|EPI_ISL_517542|Original|hCoV-19|England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
Spike|hCoV-19/France/PAC-IHU-0026/2020|2020-03-14|EPI_ISL_569253|Original|hCoV-19|Provence-Alpes-Côte d'Azur|Human|MEPHI|MEPHI|Levasseur|France
Spike|hCoV-19/Scotland/CVR5038/2020|2020-10-09|EPI_ISL_594772|Original|hCoV-19|Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
Spike|hCoV-19/Switzerland/BL-BTHZ-360268/2020|2020-11-08|EPI_ISL_728820|Original|hCoV-19|Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
Spike|hCoV-19/England/CAMB-77DA3/2020|2020-04-01|EPI_ISL_440837|Original|hCoV-19|England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
Spike|hCoV-19/Northern Ireland/NIRE-FCC5E/2020|2020-04-22|EPI_ISL_459352|Original|hCoV-19|Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/ALDP-9FDE12/2020|2020-10-01|EPI_ISL_588055|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Spain/AR-ISCIITI-201693/2020|2020-03-07|EPI_ISL_539512|Original|hCoV-19
>^Aragon|Human|Hospital Clínico Universitario Lozano Blesa|Instituto de Salud Carlos III|Caballero|Spain
>Spike|hCoV-19|England/QEUEH-AA86CF/2020|2020-10-21|EPI_ISL_652807|Original|hCoV-19
>^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19|England/LOND-D49CE/2020|2020-04-10|EPI_ISL_444164|Original|hCoV-19
>^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spike|hCoV-19|USA/MDU-19|-131|2020-10-28|EPI_ISL_647816|Original|hCoV-19
>^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19|Ireland/TA-UHL25/2020|2020-04-05|EPI_ISL_681769|Original|hCoV-19
>^Tipperary|Human|University Hospital Limerick|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland
>Spike|hCoV-19|England/BIRM-5E2FE/2020|2020-04-16|EPI_ISL_444284|Original|hCoV-19
>^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom
>Spike|hCoV-19|Wales/PHWC-492843/2020|2020-11-29|EPI_ISL_725708|Original|hCoV-19
>^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19|England/CAMB-72F48/2020|2020-03-22|EPI_ISL_440295|Original|hCoV-19
>^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19|Switzerland/BE-ETHZ-401200/2020|2020-12-13|EPI_ISL_737715|Original|hCoV-19
>^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19|Australia/VIC2308/2020|2020-06-23|EPI_ISL_522029|Original|hCoV-19
>^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19|Scotland/QEUEH-9F67D2/2020|2020-09-27|EPI_ISL_600755|Original|hCoV-19
>^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Australia/VIC16472/2020|2020-08-06|EPI_ISL_640715|Original|hCoV-19
>^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19|Ireland/D-SUVH-R9585/2020|2020-04-29|EPI_ISL_596636|Original|hCoV-19
>^Dublin|Human|St. Vincent's University Hospital|St. Vincent's University Hospital|Gonzalez|Ireland
>Spike|hCoV-19|Wales/PHWC-16ACE1/2020|2020-09-08|EPI_ISL_560185|Original|hCoV-19
>^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
> Spike|hCoV-19/England/IALD5-B89FCB/2020|2020-11-13|EPI_ISL_675602|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/South Africa/R10400/2020|2020-06-02|EPI_ISL_490275|Original|hCoV-19|Western Cape|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa
> Spike|hCoV-19/England/ALDP-B7496B/2020|2020-11-12|EPI_ISL_662057|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/Australia/VIC67/2020|2020-03-26|EPI_ISL_426969|Original|hCoV-19|Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
> Spike|hCoV-19/England/QEUK-C15FC3/2020|2020-12-06|EPI_ISL_709490|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/Canada/QC-LSPQ-L00233340/2020|2020-03-23|EPI_ISL_536018|Original|hCoV-19|Quebec|Human|Hôpital Charles-LeMoyne|Laboratoire de santé|Qu\'en|00e9|Moreira|Canada
> Spike|hCoV-19/Wales/PHWC-47F5EB/2020|2020-10-15|EPI_ISL_612699|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing Lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Finland/15A628/2020|2020-04-15|EPI_ISL_481560|Original|hCoV-19|Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland
> Spike|hCoV-19/USA/WA-S2801/2020|2020-08-24|EPI_ISL_530158|Original|hCoV-19|Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA
> Spike|hCoV-19/Luxembourg/LNS7098216/2020|2020-12-23|EPI_ISL_770877|Original|hCoV-19|Luxembourg|Human|Laboratoire national de santé|Laboratoire national de santé|600e9|Wienecke-Baldacchino|Luxembourg
> Spike|hCoV-19/Denmark/DCGC-1284/2020|2020-03-16|EPI_ISL_620146|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
> Spike|hCoV-19/USA/WI-UW-840/2020|2020-05-06|EPI_ISL_509847|Original|hCoV-19|Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
> Spike|hCoV-19/India/TG-CCMB-M14/2020|2020-06-04|EPI_ISL_495185|Original|hCoV-19|Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India
> Spike|hCoV-19/USA/CA-ALSR-4629/2020|2020-10-22|EPI_ISL_667047|Original|hCoV-19|California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
> Spike|hCoV-19/England/QEUK-9B8596/2020|2020-09-10|EPI_ISL_549708|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/India/WB-IK99/2020|2020-05-24|EPI_ISL_508414|Original|hCoV-19|West Bengal|Human|Institute of Post Graduate Medical Education & Research|National Institute of Biomedical Genomics|Maitra|India
> Spike|hCoV-19/Wales/PHWC-4862F9/2020|2020-10-29|EPI_ISL_639029|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing Lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Australia/VC3336/2020|2020-07-08|EPI_ISL_521015|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19|Denmark/DCGC-6576/2020|2020-10-12|EPI_ISL_619624|Original|hCoV-19
**Hovedstaden**|Human|Department of Virus and Microbiological Special Diagnostics|Albersen lab|Michaelsen|Denmark

>Spike|hCoV-19|England/ALDP-91F885/2020|2020-06-23|EPI_ISL_553340|Original|hCoV-19
**England**|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|Costa Rica/INC-0132/2020|2020-08-10|EPI_ISL_682271|Original|hCoV-19
**Cartago**|Human|HOSPITAL SAN JUAN DE DIOS|Inciensa|Soto-Garita|Costa Rica

>Spike|hCoV-19|England/NORT-284A22/2020|2020-03-25|EPI_ISL_478574|Original|hCoV-19
**England**|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust / COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19|Australia/VIC15094/2020|2020-08-11|EPI_ISL_593133|Original|hCoV-19
**Victoria**|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19|England/ALDP-AA3D2C/2020|2020-10-21|EPI_ISL_624473|Original|hCoV-19
**England**|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|Portugal/PT1781/2020|2020-11-16|EPI_ISL_732010|Original|hCoV-19
**Portugal**|Human|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19|Northern Ireland/QEUH-969DD8/2020|2020-08-14|EPI_ISL_530893|Original|hCoV-19
**Northern Ireland**|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|England/NOTT-118444/2020|2020-10-27|EPI_ISL_612605|Original|hCoV-19
**England**|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19|Scotland/QEUH-9FB3CA/2020|2020-09-29|EPI_ISL_600618|Original|hCoV-19
**Scotland**|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|Scotland/EDB1433/2020|2020-04-12|EPI_ISL_433446|Original|hCoV-19
**Scotland**|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19|England/ALDP-9CC09E/2020|2020-09-17|EPI_ISL_575491|Original|hCoV-19
**England**|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|South Korea/KDCA0141/2020|2020-09-19|EPI_ISL_747376|Original|hCoV-19
**South Korea**|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19|England/HECH-2599EAD/2020|2020-05-01|EPI_ISL_482114|Original|hCoV-19
**England**|Human|Microbiology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|Australia/VIC2691/2020|2020-07-02|EPI_ISL_521531|Original|hCoV-19
**Victoria**|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19|Belgium/rega-0507538/2020|2020-05-07|EPI_ISL_734708|Original|hCoV-19
**Boortmeerbeek**|Human|UZ Leuven|KU Leuven|Maes|Belgium
Consortium|Golubchik|United Kingdom

| England| Human| Oxford Viromics| COVID-19
| Scotland| Human| NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Golubchik| United Kingdom

| England| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)
| Scotland| Human| Lighthouse Lab in Glasgow| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)
| England| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)
| England| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)

| England| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)
| Scotland| Human| NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Golubchik| United Kingdom

| England| Human| Oxford Viromics| COVID-19 Genomics UK (COG-UK) Consortium| Golubchik| United Kingdom

| England| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)
| Scotland| Human| Lighthouse Lab in Glasgow| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)
| England| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)
| England| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)

| England| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)
| Scotland| Human| NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Golubchik| United Kingdom

| England| Human| Oxford Viromics| COVID-19 Genomics UK (COG-UK) Consortium| Golubchik| United Kingdom
>Spike|hCoV-19/England/CAMB-1B001D/2020|2020-05-06|EPI_ISL_448098|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/ALDP-95A988/2020|2020-06-13|EPI_ISL_554967|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/GE-RIVM-20348/2020|2020-12-02|EPI_ISL_723467|Original|hCoV-19^^England|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/TX-HMH-MCoV-16076/2020|2020-10-29|EPI_ISL_785760|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-A3377E/2020|2020-10-05|EPI_ISL_627019|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-A66FC5/2020|2020-10-10|EPI_ISL_630349|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C5CB8/2020|2020-07-03|EPI_ISL_493683|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/LOND-12F16B0/2020|2020-12-16|EPI_ISL_764383|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0317/2020|2020-05-18|EPI_ISL_698494|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/MILK-975A1E/2020|2020-08-20|EPI_ISL_552475|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2F5E02/2020|2020-05-04|EPI_ISL_512435|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1186/2020|2020-04-28|EPI_ISL_494422|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Singapore/273/2020|2020-03-21|EPI_ISL_462391|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/TX-HMH-MCoV-18869/2020|2020-11-23|EPI_ISL_785185|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-B3A934/2020|2020-11-02|EPI_ISL_679692|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200197/2020|2020-03-14|EPI_ISL_578421|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene|Communicable Disease Division|Wisconsin State Laboratory of Hygiene|Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/ALDP-63C6D6/2020|2020-07-04|EPI_ISL_556281|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20130073404/2020|2020-03-20|EPI_ISL_423668|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-AC95EC/2020|2020-10-21|EPI_ISL_629226|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B744C4/2020|2020-11-12|EPI_ISL_678921|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19/England/SHEF-C6F72/2020|2020-04-11|EPI_ISL_442005|Original|hCoV-19|England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/Spain/PV-IBV-98008404/2020|2020-10-18|EPI_ISL_654589|Original|hCoV-19|Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV(CISTIC)|Comas|Spain
>Spike|hCoV-19/Denmark/DCGC-12364/2020|2020-11-16|EPI_ISL_682545|Original|hCoV-19|Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Luxembourg/LNS7100858/2020|2020-10-31|EPI_ISL_744512|Original|hCoV-19|Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/Spain/CT-IBV-99009919/2020|2020-08-11|EPI_ISL_660316|Original|hCoV-19|Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV(CISTIC)|Comas|Spain
>Spike|hCoV-19/England/NOTT-1117D9/2020|2020-05-21|EPI_ISL_461925|Original|hCoV-19|England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19/England/CAMB-1AB507/2020|2020-04-21|EPI_ISL_470262|Original|hCoV-19|England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-5D63BA/2020|2020-06-19|EPI_ISL_558455|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/ID-UW-4486/2020|2020-03-29|EPI_ISL_427172|Original|hCoV-19|Idaho|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/USA/TX-HMH-MCoV-1124|2020-09-02|EPI_ISL_789746|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/FL-BFPHL-0685/2020|2020-03-26|EPI_ISL_509743|Original|hCoV-19|Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/England/NOTT-1113B7/2020|2020-05-15|EPI_ISL_453656|Original|hCoV-19|England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19/England/LIVE-A696B/2020|2020-03-16|EPI_ISL_499758|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/USA/CA-CZB-14752/2020|2020-10-29|EPI_ISL_739148|Original|hCoV-19|California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA
>Spike|hCoV-19/Denmark/ALAB-SS1302/2020|2020-03-10|EPI_ISL_429453|Original|hCoV-19|Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark
>Spike|hCoV-19/USA/TX-HMH-6561/2020|2020-06-24|EPI_ISL_546085|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/VA-DCLS-1059/2020|2020-06-10|EPI_ISL_528665|Original|hCoV-19|Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA
>Spike|hCoV-19/USA/TX-HMH-MCoV-14294/2020|2020-10-05|EPI_ISL_787579|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/UT-0370/2020|2020-03-30|EPI_ISL_430039|Original|hCoV-19|Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/Scotland/CVR397/2020|2020-03-23|EPI_ISL_433289|Original|hCoV-19|Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/Canada/BC-BCCDC-7556/2020|2020-11-00|EPI_ISL_740718|Original|hCoV-19|British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada
>Spike|hCoV-19\^France\^ARA-99504/2020|2020-11-02|EPI\_ISL\_683402|Original|hCoV-19\^Auvergne-Rh\^\_00f4ne-Alpes\^Human|CNR\ Virus\ des\ Infections\ Respiratoires\ -\ France\ Sud|CNR\ Virus\ des\ Infections\ Respiratoires\ -\ France\ Sud|Bal|France
>Spike|hCoV-19\^South\ Korea\^KCDC2087/2020|2020-02-23|EPI\_ISL\_497988|Original|hCoV-19\^South\ Korea\^Human|Division\ of\ Viral\ Diseases|Division\ of\ Viral\ Diseases|Kim|South\ Korea
>Spike|hCoV-19\^Scotland\^QEUH-B2CD66/2020|2020-11-03|EPI\_ISL\_676404|Original|hCoV-19\^Scotland\^Human|Lighthouse\ Lab\ in\ Glasgow|Wellcome\ Sanger\ Institute\ for\ the\ COVID-19\ Genomics\ UK\ (COG-UK)\ Consortium|Davies|United\ Kingdom
>Spike|hCoV-19\^England\^QEUH-AP5F61/2020|2020-10-30|EPI\_ISL\_653036|Original|hCoV-19\^England\^Human|Quadram\ Institute\ Bioscience|COVID-19\ Genomics\ UK\ (COG-UK)\ Consortium|Alikhán|United\ Kingdom
>Spike|hCoV-19\^England\^ALDP-94E95D/2020|2020-06-20|EPI\_ISL\_555024|Original|hCoV-19\^England\^Human|Lighthouse\ Lab\ in\ Alderley\ Park|Wellcome\ Sanger\ Institute\ for\ the\ COVID-19\ Genomics\ UK\ (COG-UK)\ consortium|Davies|United\ Kingdom
>Spike|hCoV-19\^India\^TG-CDFD-C2902/2020|2020-06-19|EPI\_ISL\_528585|Original|hCoV-19\^Telangana\^Human|National\ Genomics\ Core-Center\ for\ DNA\ Fingerprinting\ and\ Diagnostics|National\ Genomics\ Core-\ Center\ for\ DNA\ Fingerprinting\ and\ Diagnostics\ (NGC-CDFD)-\ DBT's\ PAN-INDIA-1000\ Genome\ consortium|Vashisht|India
>Spike|hCoV-19\^Netherlands\^ZH-EMC-377/2020|2020-08-02|EPI\_ISL\_523717|Original|hCoV-19\^Zuid\ Holland\^Human|Dutch\ COVID-19\ response\ team|Erasmus\ Medical\ Center|Oude\ Munnink|Netherlands
>Spike|hCoV-19\^England\^ALDP-9C553C/2020|2020-09-10|EPI\_ISL\_567746|Original|hCoV-19\^England\^Human|Lighthouse\ Lab\ in\ Alderley\ Park|Wellcome\ Sanger\ Institute\ for\ the\ COVID-19\ Genomics\ UK\ (COG-UK)\ consortium|Davies|United\ Kingdom
>Spike|hCoV-19\^England\^QEUH-9A42A5/2020|2020-09-01|EPI\_ISL\_540225|Original|hCoV-19\^England\^Human|Lighthouse\ Lab\ in\ Glasgow|Wellcome\ Sanger\ Institute\ for\ the\ COVID-19\ Genomics\ UK\ (COG-UK)\ consortium|Davies|United\ Kingdom
>Spike|hCoV-19\^Wales\^PHWC-4947CC/2020|2020-11-20|EPI\_ISL\_722473|Original|hCoV-19\^Wales\^Human|Originating\ lab|COVID-19\ Genomics\ UK\ (COG-UK)\ Consortium|Moore|United\ Kingdom
>Spike|hCoV-19\^USA\^TX-HMH-865/2020|2020-04-01|EPI\_ISL\_545882|Original|hCoV-19\^Texas\^Human|Houston\ Methodist\ Hospital|Houston\ Methodist\ Hospital|Long|USA
>Spike|hCoV-19\^England\^MILK-A061EF/2020|2020-10-01|EPI\_ISL\_599980|Original|hCoV-19\^England\^Human|Lighthouse\ Lab\ in\ Milton\ Keynes|Wellcome\ Sanger\ Institute\ for\ the\ COVID-19\ Genomics\ UK\ (COG-UK)\ consortium|Davies|United\ Kingdom
>Spike|hCoV-19\^England\^BIRM-6279E/2020|2020-07-30|EPI\_ISL\_529361|Original|hCoV-19\^England\^University\ of\ Birmingham|COVID-19\ Genomics\ UK\ (COG-UK)\ Consortium|Loman|United\ Kingdom
>Spike|hCoV-19\^Canada\^ON-PHL-20-00021/2020|2020-00-00|EPI\_ISL\_548702|Original|hCoV-19\^Ontario|Human|Public\ Health\ Ontario\ Laboratory|Public\ Health\ Ontario\ Laboratory|Guthrie|Canada
>Spike|hCoV-19\^England\^MILK-B8D185/2020|2020-11-13|EPI\_ISL\_674050|Original|hCoV-19\^England\^Human|Lighthouse\ Lab\ in\ Milton\ Keynes|Wellcome\ Sanger\ Institute\ for\ the\ COVID-19\ Genomics\ UK\ (COG-UK)\ Consortium|Davies|United\ Kingdom
>Spike|hCoV-19\^England\^BRIS-128FB9/2020|2020-04-18|EPI\_ISL\_458896|Original|hCoV-19\^England\^Human|PHE\ South\ West\ Regional\ Laboratory|Wellcome\ Sanger\ Institute\ for\ the\ COVID-19\ Genomics\ UK\ (COG-UK)\ consortium|Davies|United\ Kingdom
>Spike|hCoV-19\^Russia\^MOS-CRIE-13364310/2020|2020-11-06|EPI\_ISL\_732662|Original|hCoV-19\^Moscow|Human|Molecular\ diagnostic\ laboratory\ of\ Federal\ Budget\ Institution\ of\ Science\ \Central\ Research\ Institute\ of\ Epidemiology|of\ The\ Federal\ Service\ on
>Spike|hCoV-19/Wales/PHWC-481030/2020|2020-10-18|EPI_ISL_612173|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Sp###hCoV-19/Wales/ALDP-A4FF2C/2020|2020-10-07|EPI_ISL_609210|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp###hCoV-19/England/ALDP-BC7802/2020|2020-11-22|EPI_ISL_721427|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Sp###hCoV-19/USA/MA-MASPHL-00952/2020|2020-10-31|EPI_ISL_692819|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA
>Sp###hCoV-19/Japan/PG-3226/2020|2020-04-00|EPI_ISL_691343|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
>Sp###hCoV-19/Australia/QLD1146/2020|2020-08-28|EPI_ISL_593645|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia
>Sp###hCoV-19/England/QEUH-AD2D51/2020|2020-10-26|EPI_ISL_629980|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp###hCoV-19/Spain/PV-IBV-004188/2020|2020-04-02|EPI_ISL_510475|Original|hCoV-19^^Spain|Human|Servicio de Microbiologia|u00eda. Hospital Universitario Donostia. OSI Donostialdea. |u00c3rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>Sp###hCoV-19/Spain/RI-IBV-98002322/2020|2020-03-21|EPI_ISL_537841|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n de Biomedicina de La Rioja - Hospital San Pedro Logro\u00f3|u00f3|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>Sp###hCoV-19/USA/TX-HMH-MCoV-14815/2020|2020-10-13|EPI_ISL_786299|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Sp###hCoV-19/Wales/PHWC-481030/2020|2020-11-10|EPI_ISL_681152|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Sp###hCoV-19/USA/TX-HMH-MCoV-18681/2020|2020-11-21|EPI_ISL_785029|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Sp###hCoV-19/USA/CA-SRO113/2020|2020-03-25|EPI_ISL_445106|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA
>Sp###hCoV-19/Denmark/DGCC-11183/2020|2020-11-02|EPI_ISL_670440|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Sp###hCoV-19/USA/CA-GZB-14675/2020|2020-11-16|EPI_ISL_739614|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamni|USA
>Sp###hCoV-19/Russia/SVE-RII-MH1758S/2020|2020-09-17|EPI_ISL_602362|Original|hCoV-19^^Russia|Human|Sverdlovsk|Human|HELIIX LLC|WHO National Influenza Centre Russian Federation|Komissarova|Russia
>Sp###hCoV-19/Australia/SAP204/2020|2020-03-29|EPI_ISL_468013|Original|hCoV-19^^Australia|Human|SA Pathology|SA Pathology|Leong|Australia
>Sp###hCoV-19/USA/WI-UW-1446/2020|2020-09-13|EPI_ISL_541578|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczynas|USA
>Sp###hCoV-19/South Korea/KDCA0166/2020|2020-11-19|EPI_ISL_747400|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea
>Sp###hCoV-19/England/CAMC-B37436/2020|2020-11-05|EPI_ISL_645486|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Sp###hCoV-19/England/CAMC-B09330/2020|2020-10-29|EPI_ISL_672943|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|Japan|PG-7179/2020|2020-07-01|EPI_ISL_688284|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19|England/CAMB-1B9E74/2020|2020-11-02|EPI_ISL_650397|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spoke|hCoV-19|England/LIVE-DCB72D/2020|2020-11-24|EPI ISL 724422|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spoke|hCoV-19|Denmark/DCGC-20495/2020|2020-12-21|EPI ISL 759183|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spoke|hCoV-19|USA/CO-CDPHE-2009163553/2020|2020-09-16|EPI ISL 677649|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spoke|hCoV-19|USA/LA-EVLTL1182/2020|2020-12-11|EPI ISL 768451|Original|hCoV-19^^Los Angeles|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spoke|hCoV-19|USA/TX-HMH-7443/2020|2020-07-01|EPI ISL 546771|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spoke|hCoV-19|USA/ALDP-92A3PF/2020|2020-06-22|EPI ISL 551421|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19|Luxembourg/LNS7705369/2020|2020-11-10|EPI ISL 744618|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de santé|Wienecke-Baldacchino|Luxembourg

>Spoke|hCoV-19|Spain/MD-HLP-113/2020|2020-02-27|EPI ISL 530042|Original|hCoV-19^^Madrid|Human|Hospital Universitario La Paz|Hospital Universitario La Paz|Viedma|Spain

>Spoke|hCoV-19|Netherlands/Gelderland_74/2020|2020-05-19|EPI ISL 460973|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spoke|hCoV-19|England/CAMC-946506/2020|2020-07-15|EPI ISL 556680|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19|England/MILK-B959FB/2020|2020-11-13|EPI ISL 674816|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19|England/PORT-2D22E1/2020|2020-03-23|EPI ISL 613287|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spoke|hCoV-19|England/MILK-813E9F/2020|2020-07-16|EPI ISL 557339|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19|England/DCGC-2523/2020|2020-08-10|EPI ISL 617793|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spoke|hCoV-19|USA/DE-DHSS-F957558/2020|2020-06-08|EPI ISL 693702|Original|hCoV-19^^Delaware|Human|Delaware Public Health Laboratory|Delaware Public Health Laboratory|Bajwa|USA

>Spoke|hCoV-19|USA/TX-BPHL-1884/2020|2020-04-07|EPI ISL 613782|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spoke|hCoV-19|USA/TX-BPHL-1884/2020|2020-04-07|EPI ISL 613782|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
| Country         | State/Province | Laboratory Name                                      | Institution                          | Lab Code       | Accession Numbers          |
|-----------------|----------------|------------------------------------------------------|--------------------------------------|----------------|-----------------------------|
| England         |                 | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| England         |                 | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| England         |                 | PHE South West Regional Laboratory | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| England         |                 | Department of Pathology | COVID-19 Genomics UK (COG-UK) Consortium | Goodfellow | United Kingdom |
| Spain           |                 | Instituto de Salud Pública de Navarra | Servicio de Enfermedades Infecciosas y Microbiología | u00eda cl | Spain |
| England         |                 | Live-BiDE0 | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| South Africa    |                 | KRISP | de Oliveira | South Africa |
| England         |                 | NOTT-115F73 | Infectious Disease Program | Park | Japan |
| England         |                 | Queens Medical Centre | COVID-19 Genomics UK (COG-UK) Consortium | Loose | United Kingdom |
| England         |                 | ALDP-9FD47A | Washington State Department of Health | Seattle Flu Study | Lee | USA |
| England         |                 | ALDP-064C6 | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| Ontario         |                 | Public Health Ontario Laboratory | Public Health Ontario Laboratory | Guthrie | Canada |
| Texas           |                 | Texas Health and Human Services Commission Hospital | Texas Health and Human Services Commission Hospital | | USA |
| Australia       |                 | Qld1286 | Queensland Health Service Research Laboratory | Nguyen | Australia |
| Wisconsin       |                 | Wisconsin Public Health Laboratory | University of Wisconsin-Madison AIDS Vaccine Research Laboratories | | USA |
>Spike|hCoV-19/Portugal/PT1666/2020|2020-11-12|EPI_ISL_765211|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSAl|Instituto Nacional de Saude (INSAl|Borges|Portugal
>Spke|hCoV-19/England/CAMB-819A2/2020|2020-04-11|EPI_ISL_443079|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spke|hCoV-19/USA/CT-Yale-522/2020|2020-11-03|EPI_ISL_729767|Original|hCoV-19^^Connecticut|Human|Yale Pathology Lab|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA
>Spke|hCoV-19/Denmark/DCGC-16508/2020|2020-11-16|EPI_ISL_714286|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spke|hCoV-19/Australia/VIC14838/2020|2020-07-31|EPI_ISL_593022|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spke|hCoV-19/England/MILK-63BE2A/2020|2020-07-04|EPI_ISL_557919|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spke|hCoV-19/Northern Ireland/NIRE-2340D4/2020|2020-10-13|EPI_ISL_680343|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
>Spke|hCoV-19/Belgium/rega-12111352/2020|2020-12-11|EPI_ISL_738405|Original|hCoV-19^^Mol|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Spke|hCoV-19/England/MILK-B3A61F/2020|2020-11-02|EPI_ISL_658755|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/Poland/27589/2020|2020-11-00|EPI_ISL_732924|Original|hCoV-19^^Poland|Human|genXone SA|genXone SA|Kaszuba|Poland
>Spke|hCoV-19/USA/TX-HMH-5441/2020|2020-06-26|EPI_ISL_544778|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spke|hCoV-19/Spain/CL-IBV-97006159/2020|2020-04-05|EPI_ISL_537306|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SegCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>Spke|hCoV-19/Scotland/EDB8800/2020|2020-10-26|EPI_ISL_650777|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
>Spke|hCoV-19/USA/OR-OHSU-2855/2020|2020-09-03|EPI_ISL_667358|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA
>Spke|hCoV-19/Bangladesh/DNAS_DRCIM_isl_113/2020|2020-04-29|EPI_ISL_774899|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh
>Spke|hCoV-19/USA/MA-MASPHL-00692/2020|2020-04-23|EPI_ISL_692954|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA
>Spke|hCoV-19/USA/TX-HMH-5580/2020|2020-06-29|EPI_ISL_544877|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spke|hCoV-19/Hong Kong/HKU-200723-107/2020|2020-07-21|EPI_ISL_510538|Original|hCoV-19^^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China
Oliveira|South Africa
30|EPI_ISL_602679|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
^France|ARA-11980/2020|2020-03-20|EPI_ISL_419174|Original|hCoV-19
^Auvergne-Rhône-Alpes|Human|Centre Hospitalier de Macon|CNR Virus des Infections Respiratoires - France|SUD|Josset|France
^Luxembourg/LNS5518532/2020|2020-09-21|EPI_ISL_744245|Original|hCoV-19
^Luxembourg|Human|Laboratoire national de santé|Wienecke-Baldacchino|Luxembourg
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
^Scotland|EDBA155/2020|2020-04-19|EPI_ISL_449276|Original|hCoV-19
^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) consortium|Williams|United Kingdom
^USA/HI-H200354/2020|2020-09-17|EPI_ISL_752910|Original|hCoV-19
^England|Human|State Laboratories Division|State Laboratories Division|Sultana|USA
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) consortium|Goodfellow|United Kingdom
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
^USA/WA-UW85/2020|2020-03-10|EPI_ISL_416441|Original|hCoV-19
^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
^Canada/BC_20367856/2020|2020-04-04|EPI_ISL_477022|Original|hCoV-19
^Canada|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
^England|Human|Department of Medical Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
^Ireland/un-NVRL-20W269/2020|2020-04-04|EPI_ISL_437687|Original|hCoV-19
^Ireland|Human|UCD National Virus Reference Laboratory|UCD National Virus Reference Laboratory|Gonzalez|Ireland
^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
^Denmark|WSPT-25C16D1/2020|2020-04-21|EPI_ISL_495094|Original|hCoV-19
^Denmark|Human|Department of Medical Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
^Ireland|Human|COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
^South Africa/KRISP-K002865/2020|2020-08-30|EPI_ISL_602679|Original|hCoV-19
^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
Spike|hCoV-19|England|MILK-991BFB|2020|2020-08-27|EPI_ISL_577031|Original|hCoV-19

England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

Spike|hCoV-19|Canada/QC-LSPQ-L00228790|2020|2020-03-20|EPI_ISL_535877|Original|hCoV-19

Quebec|Human|CSSS Haut-Richelieu/Rouville (H\u00e9)\n\u00e9 publique du Qu\u00e9bec|Moreira|Canada

Spike|hCoV-19|England/ALDP-AA52D0|2020|2020-10-21|EPI_ISL_625183|Original|hCoV-19

England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|England/20142124/2020|2020-03-30|EPI_ISL_465957|Original|hCoV-19

England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

Spike|hCoV-19|Germany/HH-hpi-p1867|2020-03-23|EPI_ISL_776213|Original|hCoV-19

Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

Spike|hCoV-19|England/MILK|2020-03-07|EPI_ISL_537860|Original|hCoV-19

Spain/RI-IBV-98002364|2020-12-14|EPI_ISL_779090|Original|hCoV-19

Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

Spike|hCoV-19|England/MILK-69C0B8|2020-07-02|EPI_ISL_551748|Original|hCoV-19

England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|USA/LA-EVTL1424|2020-12-14|EPI_ISL_779090|Original|hCoV-19

Spain/LA AS S17-14|2020-03-27|EPI_ISL_444871|Original|hCoV-19

Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

Spike|hCoV-19|England/ALDP-A95DE1|2020-10-20|EPI_ISL_624621|Original|hCoV-19

England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|USA/TX-HMH-MCoV-12935|2020-08-18|EPI_ISL_788087|Original|hCoV-19

Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19|USA/NM-DOH-2020319240|2020-08-28|EPI_ISL_732747|Original|hCoV-19

New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

Spike|hCoV-19|England/CAMC-9B22A4|2020-09-04|EPI_ISL_566662|Original|hCoV-19

England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|England/MILK-A19644|2020-10-01|EPI_ISL_627491|Original|hCoV-19

England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

Spike|hCoV-19/Luxembourg/LNS2132885|2020-11-16|EPI_ISL_740065|Original|hCoV-19

Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

Spike|hCoV-19/England/QUEUH-960E29|2020-08-04|EPI_ISL_532127|Original|hCoV-19

England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/MILK-C006A8|2020-12-02|EPI_ISL_720855|Original|hCoV-19

England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/Canada/BC_06852453|2020-04-04|EPI_ISL_466807|Original|hCoV-19

British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

Spike|hCoV-19/England/MILK-ABB529|2020-10-22|EPI_ISL_623265|Original|hCoV-19

England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/CAMC-9DF326|2020-09-21|EPI_ISL_638403|Original|hCoV-19

England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/England/EXET-13AAC2/2020|2020-11-08|EPI_ISL_665085|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spik|hCoV-19/England/MILK-ACD490/2020|2020-10-22|EPI_ISL_634268|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/QEUEH-BAOdC/2020|2020-11-18|EPI ISL_719712|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/Denmark/DCGC-2211/2020|2020-08-10|EPI ISL_617514|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spik|hCoV-19/USA/AZ-TG395879/2020|2020-06-05|EPI ISL_694724|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA
>Spik|hCoV-19/USA/DE-CDC-2-3714051/2020|2020-10-28|EPI ISL_751623|Original|hCoV-19^^Delaware|Human|DE Public Health Laboratory|Genomics and Discovery|Queen|USA
>Spik|hCoV-19/England/ALDP-BB4ECA/2020|2020-11-20|EPI ISL_702522|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/Northern Ireland/NIRE-108F91/2020|2020-10-13|EPI ISL_650415|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
>Spik|hCoV-19/France/ARA-14353/2020|2020-03-24|EPI ISL_508886|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Institut des Agents Infectieux (IAI)|CNR Virus des Infections Respiratoires - France SUD|Josset|France
>Spik|hCoV-19/Denmark/DCGC-4944/2020|2020-09-21|EPI ISL_621482|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spik|hCoV-19/Luxembourg/LNS9217110/2020|2020-10-20|EPI ISL_744870|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9-Wienecke-Baldacchino|Luxembourg
>Spik|hCoV-19/Scotland/QEUH-AACDDB/2020|2020-10-20|EPI ISL_652916|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spik|hCoV-19/Australia/VIC14705/2020|2020-08-08|EPI ISL_592839|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spik|hCoV-19/England/LIVE-9E711/2020|2020-04-10|EPI ISL_453325|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

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>Spik|hCoV-19/Scotland/QEUH-BAOdC/2020|2020-11-18|EPI ISL_719712|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/England/20156036604/2020|2020-04-08|EPI_ISL_466307|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
> Spike|hCoV-19/England/LIVE-DDB384/2020|2020-10-28|EPI_ISL_665132|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
> Spike|hCoV-19/USA/MI-MDHHSS-SC21876/2020|2020-04-06|EPI_ISL_565937|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
> Spike|hCoV-19/England/204180258/2020|2020-09-28|EPI_ISL_583990|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
> Spike|hCoV-19/England/PORT-2E9548/2020|2020-10-21|EPI_ISL_727711|Original|hCoV-19^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
> Spike|hCoV-19/Norway/3173/2020|2020-07-06|EPI_ISL_549174|Original|hCoV-19^Viken|Human|Vestfold Hospital|Norwegian Institute of Public Health|Kopperud Riis|Norway
> Spike|hCoV-19/USA/TX-DHS|-1424/2020|2020-06-22|EPI_ISL_671637|Original|hCoV-19^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
> Spike|hCoV-19/England/205141767/2020|2020-12-16|EPI_ISL_766108|Original|hCoV-19^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
> Spike|hCoV-19/England/BRIS-123B50/2020|2020-04-07|EPI_ISL_442789|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
> Spike|hCoV-19/Netherlands/NoordBrabant_41/2020|2020-00-00|EPI_ISL_415499|Original|hCoV-19^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
> Spike|hCoV-19/USA/MB-HETL-J0436/2020|2020-12-17|EPI_ISL_755536|Original|hCoV-19^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA
> Spike|hCoV-19/USA/NM-NMDOH-2020324268/2020|2020-09-02|EPI_ISL_632828|Original|hCoV-19^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA
> Spike|hCoV-19/USA/CA-ALSR-2158/2020|2020-06-01|EPI_ISL_635363|Original|hCoV-19^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
> Spike|hCoV-19/England/QEUH-B68742/2020|2020-11-11|EPI_ISL_662073|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/England/BRIS-1307B6/2020|2020-04-12|EPI_ISL_492743|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/ALDP-C3CC65/2020|2020-12-10|EPI_ISL_730955|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/Wales/PHWC-48B160/2020|2020-11-02|EPI_ISL_666199|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/USA/NY-NYCPH-000581/2020|2020-03-09|EPI_ISL_632039|Original|hCoV-19^New York|Human|NYC Department Of Health And Mental Hygiene|New York City Public Health Laboratory|Wang|USA
> Spike|hCoV-19/Ireland/D-SVUH-R9069/2020|2020-04-26|EPI_ISL_596638|Original|hCoV-19^Dublin|Human|St.Vincent's University Hospital|St.Vincent's University Hospital|Gonzalez|Ireland
> Spike|hCoV-19/Switzerland/AG-ETHZ-380287/2020|2020-11-25|EPI_ISL_721717|Original|hCoV-19^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
| Country               | Region    | Institution                                                                 | Lab | Nationality |
|----------------------|-----------|-----------------------------------------------------------------------------|-----|-------------|
| England              | England   | Lighthouse Lab in Alderney Park, Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| Japan                | Japan     | Pathogen Genomics Center, Pathogen Genomics Center, Sekizuka                | Japan | Japan       |
| Wales                | Wales     | Originating lab, COVID-19 Genomics UK (COG-UK) Consortium                  | Moore | United Kingdom |
| Luxembourg           | Luxembourg | Laboratoire national de santé | Schultz | Australia |
| England              | England   | Lighthouse Lab in Alderney Park, Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| Victoria             | Victoria  | Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) | MDU-PHL | USA |
| California           | California | Orange County Public Health Lab, Chan-Zuckerberg Biohub | Kamm | USA |
| Japan                | Tokyo     | Tokyo Metropolitan Institute of Public Health, Tokyo Metropolitan Institute of Public Health | Nagashima | Japan |
| Canada               | British Columbia | BCCDC Public Health Laboratory | Harrigan | Canada |
| Denmark              | Denmark   | Department of Virus and Microbiological Special Diagnostics, Albertsen Lab | Michaelsen | Denmark |
| Wales                | Wales     | Lighthouse Lab in Cambridge, Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| South Africa         | South Africa | National Institute for Communicable Diseases of the National Health Laboratory Service, National Institute for Communicable Diseases of the National Health Laboratory Service, Allam | Davies | United Kingdom |
| England              | England   | Lighthouse Lab in Glasgow, Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
>Spike|hCoV-19|USA|OR-OHSU-0526/2020|2020-06-15|EPI_ISL_525831|Original|hCoV-19|Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Ginkgo Bioworks Clinical Laboratory|O'Roak|USA

>Spike|hCoV-19|England/NOTT-11468E/2020|2020-10-06|EPI_ISL_577186|Original|hCoV-19|England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19|England/CMAC-9EC55D/2020|2020-09-24|EPI_ISL_580569|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|England/CMAC-7B431/2020|2020-04-12|EPI_ISL_433957|Original|hCoV-19|England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19|USA/MI-MDHHS-SC20511/2020|2020-05-06|EPI_ISL_460559|Original|hCoV-19|Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19|USA/VA-DCLS-0540/2020|2020-03-12|EPI_ISL_485841|Original|hCoV-19|Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacobs|USA

>Spike|hCoV-19|USA/MA-MASPHL-00435/2020|2020-04-28|EPI_ISL_693122|Original|hCoV-19|Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19|Denmark/DGCC-15612/2020|2020-11-23|EPI_ISL_713922|Original|hCoV-19|Hoedovestaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19|USA/TX-HMH-MCoV-15857/2020|2020-07-10|EPI_ISL_785541|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19|Japan/PG-2562/2020|2020-06-00|EPI_ISL_690697|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan

>Spike|hCoV-19|Wales/PHWC-4A52C7/2020|2020-12-15|EPI_ISL_764848|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19|Chile/RM-183871/2020|2020-09-21|EPI_ISL_746731|Original|hCoV-19|Region Metropolitana de Santiago|Human|Genética Molecular and Subdepartamento de Virología ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19|Scotland/CVR2027/2020|2020-04-09|EPI_ISL_484541|Original|hCoV-19|Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19|Iceland/177/2020|2020-03-15|EPI_ISL_417680|Original|hCoV-19|Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f6nsson|Iceland

>Spike|hCoV-19|Costa Rica/INC-0146/2020|2020-09-10|EPI_ISL_769994|Original|hCoV-19|Cartago|Human|Area De Salud Catedral Noreste|Incensia|Soto-Garita|Costa Rica

>Spike|hCoV-19|England/ALDP-AA3F9F/2020|2020-10-22|EPI_ISL_625167|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|England/CMAC-B797F3/2020|2020-11-12|EPI_ISL_667921|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19|England/MILK-4830B6/2020|2020-04-29|EPI_ISL_559675|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|England/MILK-B94895/2020|2020-11-14|EPI_ISL_676266|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19|Spain/CT-HUVH-GESTI1-3/2020|2020-04-21|EPI_ISL_728362|Original|hCoV-19|Catalonia|Human|Hospital Universitari Vall d'Hebron (HUVH) - Vall d'Hebron Research Institute (VHIR)|Hospital Universitari Vall d'Hebron - Vall d'Hebron Research Institute (VHIR)|Anton|Spain

>Spike|hCoV-19|USA/CA-CDPH129/2020|2020-06-18|EPI_ISL_754970|Original|hCoV-19|California|Human|California Department of Public Health|California Department of Public Health|Bell|USA
>Spike|hCoV-19/Uruguay/TYT-M60/2020|2020-06-19|EPI_ISL_749152|Original|hCoV-19
^Treinta y Tres|Human|Sanatorio Americano|Institut Pasteur de Montevideo|Spangenberg|Uruguay

>Spike|hCoV-19/England/ALDP-95CD23/2020|2020-06-16|EPI_ISL_555015|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2421/2020|2020-05-17|EPI_ISL_513842|Original|hCoV-19
^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-10484/2020|2020-07-08|EPI_ISL_789497|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-C14E6D/2020|2020-12-06|EPI_ISL_709417|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-76DC2/2020|2020-03-31|EPI_ISL_439376|Original|hCoV-19
^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-B54DFE/2020|2020-11-09|EPI_ISL_678905|Original|hCoV-19
^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Australia/VIC3300/2020|2020-07-08|EPI_ISL_520979|Original|hCoV-19
^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-9B6325/2020|2020-08-28|EPI_ISL_572999|Original|hCoV-19
^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/India/UN-UN4/2020|2020-00-00|EPI_ISL_491113|Original|hCoV-19
^India|Human|CSIR-CDRI/SGPGI|CSIR-CDRI/SGPGI|Singh|India

>Spike|hCoV-19/USA/MA-MGH-00040/2020|2020-03-25|EPI_ISL_460401|Original|hCoV-19
^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/England/ALDP-A93B52/2020|2020-10-19|EPI_ISL_611116|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13349/2020|2020-08-24|EPI_ISL_788496|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/EXET-13AD6F/2020|2020-11-10|EPI_ISL_664270|Original|hCoV-19
^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Denmark/DGCC-21381/2020|2020-12-21|EPI_ISL_757724|Original|hCoV-19
^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Timor-Leste/TL05/2020|2020-04-11|EPI_ISL_456597|Original|hCoV-19
^Timor-Leste|Human|National Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Timor-Leste

>Spike|hCoV-19/Australia/VIC2529/2020|2020-06-30|EPI_ISL_522222|Original|hCoV-19
^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUEH-AE49B2/2020|2020-10-27|EPI_ISL_649660|Original|hCoV-19
^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AE1F68/2020|2020-10-27|EPI_ISL_633465|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_420/2020|2020-03-31|EPI_ISL_455222|Original|hCoV-19
^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/NY-NYUMC269/2020|2020-04-06|EPI_ISL_428783|Original|hCoV-19
^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
>Spike|hCoV-19/Denmark/DCGC-15263/2020|2020-11-23|EPI_ISL_713270|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Wales/PHWC-49E285/2020|2020-12-07|EPI_ISL_742977|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/South Africa/KRISP-K002613/2020|2020-07-28|EPI_ISL_535477|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
>Spike|hCoV-19/Australia/VIC10025/2020|2020-08-20|EPI_ISL_562767|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/LIVE-A1292/2020|2020-05-19|EPI_ISL_499988|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spoke|hCoV-19/USA/USA-NY-NYCPHL-001377/2020|2020-11-17|EPI_ISL_683932|Original|hCoV-19^^New York|Human|DOHMH Corona|New York City Public Health Laboratory|Wang|USA
>Spoke|hCoV-19/England/ALDP-A6CC7D/2020|2020-10-14|EPI_ISL_607049|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19/England/CAMB-1AD0E6/2020|2020-04-29|EPI_ISL_447966|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spoke|hCoV-19/Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spoke|hCoV-19/Arizona|Human|TGen North|TGen North|French|USA
>Spoke|hCoV-19/Indonesia/JK-EIJK35/2020|2020-04-27|EPI_ISL_766045|Original|hCoV-19^^Jakarta|Human|RS Pelni|Eijkman Institute for Molecular Biology|Soebandrio|Indonesia
>Spoke|hCoV-19/USA/USA-WA-UW-12907/2020|2020-06-29|EPI_ISL_570926|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spoke|hCoV-19/England/QUEUH-C31820/2020|2020-12-10|EPI_ISL_731355|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spoke|hCoV-19/Denmark/DCGC-21524/2020|2020-12-21|EPI_ISL_758211|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spoke|hCoV-19/Netherlands/NA_50/2020|2020-03-08|EPI_ISL_422811|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands
>Spoke|hCoV-19/England/CAMC-B08E6D/2020|2020-10-29|EPI_ISL_672925|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spoke|hCoV-19/England/ALDP-C47F22/2020|2020-12-12|EPI_ISL_718754|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spoke|hCoV-19/Scotland/CVR874/2020|2020-03-27|EPI_ISL_433356|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spoke|hCoV-19/England/SHEF-CFEC7/2020|2020-11-10|EPI_ISL_680188|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spoke|hCoV-19/USA/USA-CA-ALSR-4195/2020|2020-06-20|EPI_ISL_648880|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spoke|hCoV-19/England/USA-MILK-B02EEB/2020|2020-10-30|EPI_ISL_596870|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spoke|hCoV-19/England/ALDP-A2D425/2020|2020-10-06|EPI_ISL_535477|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England|ALDP-B75645/2020|2020-11-12|EPI_ISL_662183|Original|hCoV-19

Spike|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|USA|NY|Wadsworth Center|EPI_ISL_676989|Original|hCoV-19

Spike|hCoV-19|Australia|VIC|EPI_ISL_518269|Original|hCoV-19

Spike|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

Spike|hCoV-19|Scotland|EPI_ISL_532523|Original|hCoV-19

Spike|hCoV-19|Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|England|EPI_ISL_633790|Original|hCoV-19

Spike|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|England|NOTT-113160|2020-09-11|EPI_ISL_540704|Original|hCoV-19

Spike|hCoV-19|England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

Spike|hCoV-19|Australia|WA106/2020|2020-03-17|EPI_ISL_512759|Original|hCoV-19

Spike|hCoV-19|Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

Spike|hCoV-19|USA|MA|EPI_ISL_692939|Original|hCoV-19

Spike|hCoV-19|Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

Spike|hCoV-19|England|MILK-B02364/2020|2020-10-23|EPI_ISL_642808|Original|hCoV-19

Spike|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Australia|VIC953/2020|2020-03-26|EPI_ISL_430645|Original|hCoV-19

Spike|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

Spike|hCoV-19|USA|TX|EPI_ISL_790550|Original|hCoV-19

Spike|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19|Chile|MA|EPI_ISL_681697|Original|hCoV-19

Spike|hCoV-19|Magallanes|Human|Molecular Medicine Laboratory|Centro Asistencial Docente y de Investigacion|Navarrete|Chile

Spike|hCoV-19|India|OR|EPI_ISL_463041|Original|hCoV-19

Spike|hCoV-19|Odisha|Human|Institute of Life Sciences|Immunogenomics lab|Raghav|India

Spike|hCoV-19|Switzerland|BS|EPI_ISL_581778|Original|hCoV-19

Spike|hCoV-19|Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland
>Spike|hCoV-19/England/CAMB-73721/2020|2020-03-22|EPI_ISL_440285|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spicke|hCoV-19/England/MILK-9F2466/2020|2020-09-24|EPI_ISL_589051|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spicke|hCoV-19/Jamaica/JAM47543/2020|2020-12-21|EPI_ISL_756366|Original|hCoV-19^Jamaica|Human|Caribbean Regional Public Health Authority|Carrington Lab|Sahadeo|Jamaica

>Spicke|hCoV-19/England/LOND-D6D66/2020|2020-04-01|EPI_ISL_478429|Original|hCoV-19^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spicke|hCoV-19/USA/NY-NYCPHL-000266/2020|2020-03-16|EPI_ISL_631792|Original|hCoV-19^New York|Human|Richard University Medical Center|New York City Public Health Laboratory|Wang|USA

>Spicke|hCoV-19/Japan/PG-4718/2020|2020-07-00|EPI_ISL_689854|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spicke|hCoV-19/England/QEUH-9C9723/2020|2020-09-10|EPI_ISL_567334|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spicke|hCoV-19/Wales/PHWC-4845A7/2020|2020-10-24|EPI_ISL_628018|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spicke|hCoV-19/France/PAC-SC452/2020|2020-04-02|EPI_ISL_644714|Original|hCoV-19^Provence-Alpes-Cote d'Azur|Human|Unit\u00e9me des virus \u00e0mergents|CNR Virus des Infections Respiratoires - France Sud|Bal|France

>Spicke|hCoV-19/Denmark/DGCC-4569/2020|2020-09-21|EPI_ISL_621366|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spicke|hCoV-19/India/TG-NGC-CDFD-17/2020|2020-05-27|EPI_ISL_466855|Original|hCoV-19^Telangana|Human|National Genomics Core-Center for DNA Fingerprinting and Diagnostics|National Genomics Core-Center for DNA Fingerprinting and Diagnostics (NGC-CDFD)- DBT's PAN-INDIA-1000 Genome consortium|Vashisht|India

>Spicke|hCoV-19/England/MILK-B8684B/2020|2020-11-13|EPI_ISL_674127|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spicke|hCoV-19/England/MILK-AB7718/2020|2020-10-19|EPI_ISL_623237|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spicke|hCoV-19/England/CAMC-B08568/2020|2020-10-30|EPI_ISL_643508|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spicke|hCoV-19/USA/TX-NHH-MCov-11477/2020|2020-09-08|EPI_ISL_789983|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spicke|hCoV-19/Scotland/EDB4998/2020|2020-05-15|EPI_ISL_453179|Original|hCoV-19^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spicke|hCoV-19/India/MH-ACTREC-266/2020|2020-07-08|EPI_ISL_699918|Original|hCoV-19^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spicke|hCoV-19/Belgium/rega-0319859/2020|2020-03-19|EPI_ISL_734508|Original|hCoV-19^Mont-saint-guibert|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spicke|hCoV-19/USA/WI-GMF-19557/2020|2020-09-10|EPI_ISL_547819|Original|hCoV-19^Wisconsin|Human|Gunderesen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA
Spike|hCoV-19/Portugal/PT1605/2020|2020-07-07|EPI_ISL_693608|Original|hCoV-19|^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal
Spike|hCoV-19/USA/MN-QDX-2565/2020|2020-03-13|EPI_ISL_604937|Original|hCoV-19|^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
Spike|hCoV-19/USA/CA-ALSR-0649-SAN/2020|2020-05-15|EPI_ISL_483279|Original|hCoV-19|^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA
Spike|hCoV-19/Japan/PG-4987/2020|2020-08-09|EPI_ISL_690100|Original|hCoV-19|^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19/USA/WA-S1652/2020|2020-05-29|EPI_ISL_496078|Original|hCoV-19|^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
Spike|hCoV-19/Canada/ON-PHL-20-01194/2020|2020-06-00|EPI_ISL_548816|Original|hCoV-19|^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada
Spike|hCoV-19/England/MILK-993F93/2020|2020-08-25|EPI_ISL_551676|Original|hCoV-19|^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Wales/PHWC-48688E/2020|2020-10-27|EPI_ISL_639084|Original|hCoV-19|^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/India/MH-ACDREC-220/2020|2020-06-30|EPI_ISL_690887|Original|hCoV-19|^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
Spike|hCoV-19/USA/TX-DSHS-1181/2020|2020-06-16|EPI_ISL_631643|Original|hCoV-19|^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
Spike|hCoV-19/USA/AZ-TG648595/2020|2020-04-29|EPI_ISL_695847|Original|hCoV-19|^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA
Spike|hCoV-19/USA/WA-UW-13232/2020|2020-06-30|EPI_ISL_501122|Original|hCoV-19|^Washington|Human|University of Washington Virology Lab|University of Washington Virology Lab|Roychoudhury|USA
Spike|hCoV-19/USA/CT-UW-3106/2020|2020-03-27|EPI_ISL_485933|Original|hCoV-19|^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
Spike|hCoV-19/England/NORW-EBD04/2020|2020-05-08|EPI_ISL_457501|Original|hCoV-19|^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
Spike|hCoV-19/Netherlands/Zeeland_33/2020|2020-04-25|EPI_ISL_461272|Original|hCoV-19|^Zeeland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands
Spike|hCoV-19/Russia/KR-RRII-12753S/2020|2020-11-16|EPI_ISL_732976|Original|hCoV-19|^Karelia|Human|WHO National Influenza Centre Russia Federation|WHO National Influenza Centre Russia Federation|Comissarov|Russia
Spike|hCoV-19/England/MILK-9C30B5/2020|2020-09-07|EPI_ISL_566853|Original|hCoV-19|^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/MILK-A45AE9/2020|2020-10-06|EPI_ISL_598628|Original|hCoV-19|^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/SHEF-C631C/2020|2020-04-26|EPI_ISL_475392|Original|hCoV-19|^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
Spike|hCoV-19/USA/WA-S127/2020|2020-03-13|EPI_ISL_430164|Original|hCoV-19|^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
Spike|hCoV-19/Wales/PHWC-32B7D/2020|2020-04-14|EPI_ISL_446657|Original|hCoV-19|^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
Genomics UK (COG-UK) consortium

Spike|**hCoV-19**|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|**hCoV-19**|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|**hCoV-19**|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|**hCoV-19**|Virginia|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU)|MDU-PHL|Schultz|Australia

Spike|**hCoV-19**|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|**hCoV-19**|Germany|BE-ChVir-W1726-8250|2020-08-20|EPI_ISL_754013|Original|hCoV-19||Berlin|Human|Charit\u00e9 Universit\u00e9|Charit\u00e9 Universit\u00e9 Berlin|Muehlemann|Germany

Spike|**hCoV-19**|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|**hCoV-19**|England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|**hCoV-19**|Virginia|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-2703/2020|2020-06-05|EPI_ISL_545489|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-CZB-14418/2020|2020-07-08|EPI_ISL_738847|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Finland/11A27S7/2020|2020-04-11|EPI_ISL_481532|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/ALDP-A691DB/2020|2020-10-13|EPI_ISL_608649|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-1351/2020|2020-03-17|EPI_ISL_422997|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-658568/2020|2020-07-03|EPI_ISL_555578|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-RIVM-10118/2020|2020-00-00|EPI_ISL_547565|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/South Korea/KCDC2339/2020|2020-05-28|EPI_ISL_510675|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/20166011904/2020|2020-04-15|EPI_ISL_466529|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Burkina Faso/2-012/2020|2020-05-10|EPI_ISL_660451|Original|hCoV-19^^Bobo Dioulasso|Human|Laboratoire de Microbiologie CHU Souro Sanou|Centre Muraz|Ouedraogo|Burkina Faso

>Spike|hCoV-19/Denmark/DCGC-21840/2020|2020-12-21|EPI_ISL_758397|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/HH-hipi-p2479/2020|2020-06-21|EPI_ISL_776537|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/204742195/2020|2020-00-00|EPI_ISL_649907|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-A17F2D/2020|2020-10-01|EPI_ISL_595000|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1673/2020|2020-03-19|EPI_ISL_494733|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Netherlands/FR-RIVM-20384/2020|2020-12-06|EPI_ISL_728604|Original|hCoV-19^^Friesland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/NE-11287/2020|2020-05-04|EPI_ISL_466674|Original|hCoV-19^^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA

>Spike|hCoV-19/Portugal/PT0092/2020|2020-03-23|EPI_ISL_421495|Original|hCoV-19^^Portugal|Human|H Santarem|Instituto Nacional de Saúde (INSA)|Borges|Portugal

>Spike|hCoV-19/England/QEUH-9C944A/2020|2020-09-10|EPI_ISL_567442|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-493AD3/2020|2020-11-19|EPI_ISL_725984|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/MILK-9C2502/2020|2020-09-08|EPI_ISL_566667|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Wales/PHWC-49DA60/2020|2020-12-08|EPI_ISL_742866|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik|hCoV-19/Mexico/BCN-ALSR-2475/2020|2020-05-22|EPI_ISL_635489|Original|hCoV-19^Baja California|Human|Centro de Diagn\u221a\u2265stico COVID-19 UABC Tijuana|Andersen lab at Scripps Research|Gangavarapu|Mexico
>Spik|hCoV-19/New Zealand/20VR1018/2020|2020-03-20|EPI_ISL_456183|Original|hCoV-19^Combined Wellington|Human|Wellington SCL|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand
>Spik|hCoV-19/USA/TX-HMH-MCoV-13909/2020|2020-08-16|EPI_ISL_787201|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19/Scotland/CVR5857/2020|2020-11-16|EPI_ISL_665538|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|Scotland
>Spik|hCoV-19/England/CAMB-7BD09/2020|2020-04-04|EPI_ISL_442063|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spik|hCoV-19/USA/TX-HMH-MCoV-14974/2020|2020-10-16|EPI_ISL_786458|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19/Scotland/EDB142/2020|2020-03-23|EPI_ISL_425912|Original|hCoV-19^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spik|hCoV-19/England/MILK-B88849/2020|2020-11-13|EPI_ISL_674475|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Scotland/CVR3511/2020|2020-05-08|EPI_ISL_473651|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spik|hCoV-19/USA/WA-UW-23566/2020|2020-08-11|EPI_ISL_576476|Original|hCoV-19^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spik|hCoV-19/USA/NY-NYCPHL-001335/2020|2020-11-13|EPI_ISL_683970|Original|hCoV-19^New York|Human|DOHMH Crown Heights|New York City Public Health Laboratory|Wang|USA
>Spik|hCoV-19/USA/LA-EVTL542/2020|2020-06-26|EPI_ISL_578946|Original|hCoV-19^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spik|hCoV-19/Australia/VIC8174/2020|2020-08-13|EPI_ISL_564884|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike | hCoV-19/England/QUEUH-A1E463/2020/2020-09-29| EPI_ISL_587461 | Original | hCoV-19 | England | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom
> Spike | hCoV-19/Netherlands/NA_93/2020/2020-03-18| EPI_ISL_422853 | Original | hCoV-19 | Netherlands | Human | Dutch COVID-19 response team | Erasmus Medical Center | Oude Munnink | Netherlands
> Spike | hCoV-19/England/QUEUH-960AAD/2020/2020-08-02| EPI_ISL_532122 | Original | hCoV-19 | England | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom
> Spike | hCoV-19/USA/MD-MDH-0396/2020/2020-11-02| EPI_ISL_660090 | Original | hCoV-19 | Maryland | Human | MD PHL | MD PHL | Keller | USA
> Spike | hCoV-19/England/MILK-B96E82/2020/2020-11-13| EPI_ISL_674827 | Original | hCoV-19 | England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom
> Spike | hCoV-19/USA/WA-S2510/2020/2020-06-18| EPI_ISL_497142 | Original | hCoV-19 | Washington | Human | Washington State Department of Health | Seattle Flu Study | Lee | USA
> Spike | hCoV-19/Scotland/EDB3343/2020/2020-04-09| EPI_ISL_487959 | Original | hCoV-19 | Scotland | Human | Virology Department | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom
> Spike | hCoV-19/England/MILK-9A8FAA/2020/2020-08-31| EPI_ISL_551115 | Original | hCoV-19 | England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom
> Spike | hCoV-19/Canada/ON-PHL-0142/2020/2020-03-00| EPI_ISL_418341 | Original | hCoV-19 | Ontario | Human | Public Health Ontario Laboratories | Public Health Ontario Laboratories | Eshaghi | Canada
> Spike | hCoV-19/England/ALDP-9E626B/2020/2020-09-24| EPI_ISL_580378 | Original | hCoV-19 | England | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom
> Spike | hCoV-19/USA/AZ-TG371350/2020/2020-05-22| EPI_ISL_694592 | Original | hCoV-19 | Arizona | Human | AZ SPHL | TGen North | French | USA
> Spike | hCoV-19/USA/LA-EVT1L362/2020/2020-12-11| EPI_ISL_779028 | Original | hCoV-19 | Louisiana | Human | LSUHS Emerging Viral Threat Laboratory | Microbial Genome Sequencing Center | Kamil | USA
> Spike | hCoV-19/England/CMAC-B1FD57/2020/2020-11-02| EPI_ISL_647613 | Original | hCoV-19 | England | Human | Lighthouse Lab in Cambridge | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom
> Spike | hCoV-19/England/NORW-ED230/2020/2020-06-01| EPI_ISL_472355 | Original | hCoV-19 | England | Human | Quadram Institute Bioscience | COVID-19 Genomics UK (COG-UK) Consortium | Alikhan | United Kingdom
> Spike | hCoV-19/England/CMAC-B2162A/2020/2020-11-03| EPI_ISL_647316 | Original | hCoV-19 | England | Human | Lighthouse Lab in Cambridge | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom
> Spike | hCoV-19/France/ARA-120894/2020/2020-12-16| EPI_ISL_745390 | Original | hCoV-19 | Auvergne-Rhône-Alpes | Human | CNR Virus des Infections Respiratoires - France Sud | CNR Virus des Infections Respiratoires - France Sud | Bal | France
> Spike | hCoV-19/England/2018027704/2020/2020-04-30| EPI_ISL_465500 | Original | hCoV-19 | England | Human | Respiratory Virus Unit | Respiratory Virus Unit | Platt | United Kingdom
"Spike|hCoV-19/England/Quartett2020/2020-03-25|EPI_ISL_560581|Original|hCoV-19\^-\^Grand-Est\|Human|Hospital|National Reference Center for Viruses of Respiratory Infections|Enouf|France
>Spike|hCoV-19/Wales/PHWC-2C9F4/2020/2020-04-01|EPI_ISL_445933|Original|hCoV-19\^-\^Wales\|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/England/MILK-9AB332/2020/2020-08-31|EPI_ISL_551053|Original|hCoV-19\^-\^England\|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/EDB5663/2020/2020-03-31|EPI_ISL_487710|Original|hCoV-19\^-\^Scotland\|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-9B6677/2020/2020-08-28|EPI_ISL_573025|Original|hCoV-19\^-\^England\|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) consortium|Golubchik|United Kingdom
>Spike|hCoV-19/England/MILK-A47DEE/2020/2020-10-05|EPI_ISL_598508|Original|hCoV-19\^-\^England\|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMC-C84E86/2020/2020-12-17|EPI_ISL_756492|Original|hCoV-19\^-\^England\|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Brazil/FR-L11-CD201/2020/2020-03-16|EPI_ISL_476202|Original|hCoV-19\^-\^Paran\u00e9\|Human|DB Diag\u00f3sticos do Brasil|Instituto de Medicina Tropical da Universidade de S\u00e3o Paulo|Sabino|Brazil
>Spike|hCoV-19/Belgium/UGent-271/2020/2020-11-19|EPI_ISL_718008|Original|hCoV-19\^-\^Ghent\|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium
>Spike|hCoV-19/Denmark/DCGC-7928/2020/2020-10-26|EPI_ISL_618888|Original|hCoV-19\^-\^Nordjylland\|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelensen|Denmark
>Spike|hCoV-19/USA/PA-UW-10042/2020/2020-05-29|EPI_ISL_461457|Original|hCoV-19\^-\^Washington\|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/USA/MA-MSPHL-0963/2020/2020-10-30|EPI_ISL_692809|Original|hCoV-19\^-\^Massachusetts\|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA
>Spike|hCoV-19/USA/AZ-TG517517/2020/2020-06-29|EPI_ISL_695342|Original|hCoV-19\^-\^Arizona\|Human|AZ SPHl|TGen North|French|USA
>Spike|hCoV-19/USA/FL-BPHL-0825/2020/2020-06-12|EPI_ISL_514171|Original|hCoV-19\^-\^Florida\|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/India/DL-NCDC4473-CSRIGIB/2020/2020-05-22|EPI_ISL_482592|Original|hCoV-19\^-\^Delhi\|Human|National Centre for Disease control (NCDC)|NCDC/CSRIGIB|Singh|India
>Spike|hCoV-19/England/MILK-A18E3E/2020/2020-10-01|EPI_ISL_612466|Original|hCoV-19\^-\^England\|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom
>Spike|hCoV-19/England/CWAR-24FDC9F/2020/2020-05-05|EPI_ISL_584505|Original|hCoV-19\^-\^England\|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) consortium|Stark|United Kingdom
>Spike|hCoV-19/Scotland/QEUH-AD2128/2020/2020-10-27|EPI_ISL_649745|Original|hCoV-19\^-\^Scotland\|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Iceland/366/2020/2020-03-19|EPI_ISL_424390|Original|hCoV-19\^-\^Reykjavik\|Human|The National University Hospital of Iceland|deCODE genetics|J\u00e1\u00f3\u00f3nsson|Iceland
>Spike|hCoV-19/England/QEUH-9D0DAF/2020/2020-09-14|EPI_ISL_589965|Original|hCoV-19\^-\^England\|Human|Lighthouse Lab in Glasgow|Wellcome S\u00f6nner Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Scotland/QEUH-B7E002/2020|2020-11-13|EPI_ISL_742258|Original|hCoV-19^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spke|hCoV-19|Japan/PG-3954/2020|2020-07-00|EPI_ISL_692203|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spke|hCoV-19|USA/MI-MDHHS-SC20768/2020|2020-04-20|EPI_ISL_471789|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spke|hCoV-19|USA/MI-MDHHS-SC22099/2020|2020-04-29|EPI_ISL_594211|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spke|hCoV-19|England/MILK-B8BFE7/2020|2020-11-12|EPI_ISL_674441|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spke|hCoV-19|England/2020140504/2020|2020-05-14|EPI_ISL_465669|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spke|hCoV-19|England/NOTT-10F39E/2020|2020-04-02|EPI_ISL_432996|Original|hCoV-19^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spke|hCoV-19|England/MILK-BABE5D/2020|2020-11-18|EPI_ISL_681447|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spke|hCoV-19|England/ALDP-BCA1D7/2020|2020-11-23|EPI_ISL_703441|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spke|hCoV-19|England/SHEF-C5806/2020|2020-10-05|EPI_ISL_611536|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spke|hCoV-19|USA/MI-MDHHS-SC20482/2020|2020-03-31|EPI_ISL_460021|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spke|hCoV-19|Belgium/PF-0326316/2020|2020-03-26|EPI_ISL_462170|Original|hCoV-19^Genval|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spke|hCoV-19|Netherlands/Gelderland_77/2020|2020-05-19|EPI_ISL_460976|Original|hCoV-19^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spke|hCoV-19|USA/TX-HMH-4208/2020|2020-06-19|EPI_ISL_543439|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spke|hCoV-19|England/ALDP-B483DB/2020|2020-11-07|EPI_ISL_649418|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spke|hCoV-19|USA/LA-EVT1185/2020|2020-12-11|EPI_ISL_768454|Original|hCoV-19^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spke|hCoV-19|Scotland/QEUH-96E41A/2020|2020-08-20|EPI_ISL_530542|Original|hCoV-19^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre|MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spke|hCoV-19|Austria/CeM00133/2020|2020-03-13|EPI_ISL_437986|Original|hCoV-19^Tschgl|Human|Institut f\u00fcr Virologie am Department f\u00fcr Hygiene|Bergthaler laboratory|Bergthaler|Austria

>Spke|hCoV-19|Germany/NW-RKI-NP-0030/2020|2020-12-03|EPI_ISL_763023|Original|hCoV-19^North Rhine-Westphalia|Human|Unit 17|Project group Epidemiology of Highly Pathogenic Microorganisms|Schubert|Germany

>Spke|hCoV-19|USA/WI-UW-1100/2020|2020-07-28|EPI_ISL_516525|Original|hCoV-19^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/Netherlands/NoordBrabant_138/2020|2020-00-00|EPI_ISL_461173|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spik|hCoV-19/Canada/ON_MU-S26/2020|2020-03-16|EPI_ISL_463975|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
>Spik|hCoV-19/England/CAMB-1B817C/2020|2020-10-19|EPI_ISL_638384|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spik|hCoV-19/New Zealand/20VR1957/2020|2020-04-06|EPI_ISL_579177|Original|hCoV-19^^Southern|Human|Southern Community Labs Dunedin|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
>Spik|hCoV-19/Scotland/EDBO83/2020|2020-03-21|EPI_ISL_425875|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spik|hCoV-19/India/GJ-GBRC171/2020|2020-06-05|EPI_ISL_467033|Original|hCoV-19^^Gujarat|Human|GMERS Medical College and Hospital|Gujarat Biotechnology Research Centre|Joshi|India
>Spik|hCoV-19/Russia/OMS-ORINFI-5774S/2020|2020-06-07|EPI_ISL_639932|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Spik|hCoV-19/Australia/QLD1008/2020|2020-08-20|EPI_ISL_530249|Original|hCoV-19^^Queensland|Human|Queensland Health Forensic and Scientific Services|Public Health Virology Laboratory|Nguyen|Australia
>Spik|hCoV-19/England/20129011104/2020|2020-03-20|EPI_ISL_423988|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spik|hCoV-19/England/ALDP-A95D3C/2020|2020-10-20|EPI_ISL_624743|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Saudi Arabia/KAUST-Madinah47/2020|2020-03-26|EPI_ISL_437487|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia
>Spik|hCoV-19/England/GSTT-265D967/2020|2020-03-26|EPI_ISL_484039|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom
>Spik|hCoV-19/England/MILK-B383ED/2020|2020-11-01|EPI_ISL_658854|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/Japan/Donner92/2020|2020-08-19|EPI_ISL_644996|Original|hCoV-19^^Kanto|Human|Department of Infectious Diseases|Center for Medical Genetics|Kosaki|Japan
>Spik|hCoV-19/England/EXET-13C161/2020|2020-00-00|EPI_ISL_679378|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spik|hCoV-19/Northern Ireland/NIRE-FBB16/2020|2020-04-15|EPI_ISL_470083|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/France/ARA-77159/2020|2020-09-23|EPI_ISL_693509|Original|hCoV-19^^Auvergne-Rhô\00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France
>Spik|hCoV-19/England/MLK-AB82F8/2020|2020-10-21|EPI_ISL_623307|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/ALDP-A66D6F/2020|2020-10-12|EPI_ISL_630543|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-1332/2020|2020-06-01|EPI_ISL_618005|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/BC_00740314/2020|2020-05-00|EPI_ISL_477039|Original|hCoV-19^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Canada/MB-NML-1110/2020|2020-08-04|EPI_ISL_582450|Original|hCoV-19^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Major|Canada

>Spike|hCoV-19/Wales/PHWC-486CDD/2020|2020-10-26|EPI_ISL_639123|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-CEB5587/2020|2020-12-20|EPI_ISL_761830|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00230319/2020|2020-03-21|EPI_ISL_535915|Original|hCoV-19^Quebec|Human|Hospital Honor\u00e9 J. L. Caron|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/CAMB-1AEFD9/2020|2020-04-30|EPI_ISL_459321|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1339/2020|2020-04-03|EPI_ISL_654921|Original|hCoV-19^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/SHEF-C93EC/2020|2020-04-18|EPI_ISL_442042|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) consortium|de Silva|United Kingdom

>Spike|hCoV-19/Australia/WA437/2020|2020-09-26|EPI_ISL_672649|Original|hCoV-19^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/USA/WI-UW-70/2020|2020-03-19|EPI_ISL_421328|Original|hCoV-19^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Scotland/CVR754/2020|2020-03-26|EPI_ISL_433335|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/UT-UHPL-2009270/2020|2020-05-12|EPI_ISL_525253|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Japan/IC-0286/2020|2020-11-00|EPI_ISL_667715|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan

>Spike|hCoV-19/USA/WI-WSLH-200434/2020|2020-05-16|EPI_ISL_578588|Original|hCoV-19^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Japan/PG-6832/2020|2020-08-00|EPI_ISL_687940|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan

>Spike|hCoV-19/England/MILK-97048E/2020|2020-08-17|EPI_ISL_553065|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3498/2020|2020-08-31|EPI_ISL_616287|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
> Spike|hCoV-19/USA/MI-MDHHS-SC21641/2020|2020-03-31|EPI ISL_516368|Original|hCoV-19|Eng|Michael|Michigan|Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
> Spike|hCoV-19/Japan/PG-1335/2020|2020-04-00|EPI ISL_684943|Original|hCoV-19|Eng|Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
> Spike|hCoV-19/Sierra Leone/KGH-G-8669/2020|2020-04-14|EPI ISL_512820|Original|hCoV-19|Eng|Sierra Leone|Human|Kenema Government Hospital|Kenema Government Hospital|Sandi|Sierra Leone
> Spike|hCoV-19/Wales/PHWC-166016/2020|2020-05-14|EPI ISL_490826|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/England/LOND-125FCEB/2020|2020-03-11|EPI ISL_516831|Original|hCoV-19|Eng|England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Scotland/GCVR-16FD16/2020|2020-03-22|EPI ISL_489646|Original|hCoV-19|Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Japan/PG-8894/2020|2020-08-00|EPI ISL_686440|Original|hCoV-19|Eng|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
> Spike|hCoV-19/England/QUEH-B13728/2020|2020-11-02|EPI ISL_641621|Original|hCoV-19|Eng|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/ALDP-A960C9/2020|2020-10-19|EPI ISL_624756|Original|hCoV-19|Eng|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom
> Spike|hCoV-19/Japan/HMWWHC-815/2020|2020-10-21|EPI ISL_613379|Original|hCoV-19|Eng|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
> Spike|hCoV-19/USA/TX-HMW-MCoV-9702/2020|2020-07-03|EPI ISL_780232|Original|hCoV-19|Eng|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19/USA/TX-HMW-MCoV-19598/2020|2020-11-23|EPI ISL_783968|Original|hCoV-19|Eng|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19/USA/TX-HMW-MCoV-166016/2020|2020-11-02|EPI ISL_641621|Original|hCoV-19|Eng|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/TX-HMW-MCoV-15908/2020|2020-11-23|EPI ISL_783968|Original|hCoV-19|Eng|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19/USA/TX-HMW-MCoV-159702/2020|2020-07-03|EPI ISL_780232|Original|hCoV-19|Eng|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19/USA/USA/ALDP-C3CB4A/2020|2020-12-10|EPI ISL_731760|Original|hCoV-19|Eng|USA|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/USA/ALDP-C3CB4A/2020|2020-12-10|EPI ISL_731760|Original|hCoV-19|Eng|USA|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Scotland/GCVR-16FD16/2020|2020-03-22|EPI ISL_489646|Original|hCoV-19|Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Scotland/GCVR-16FD16/2020|2020-03-22|EPI ISL_489646|Original|hCoV-19|Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Scotland/GCVR-16FD16/2020|2020-03-22|EPI ISL_489646|Original|hCoV-19|Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/South Korea/KDCA0232/2020|2020-10-08|EPI ISL_759997|Original|hCoV-19|Eng|South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea
> Spike|hCoV-19/Wales/PHWC-4816A7/2020|2020-10-16|EPI ISL_613099|Original|hCoV-19|Eng|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/England/LIVE-DC1AB5/2020|2020-11-20|EPI ISL_705815|Original|hCoV-19|Eng|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
> Spike|hCoV-19/England/LIVE-DC1AB5/2020|2020-11-20|EPI ISL_705815|Original|hCoV-19|Eng|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
> Spike|hCoV-19/England/LIVE-DC1AB5/2020|2020-11-20|EPI ISL_705815|Original|hCoV-19|Eng|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/Switzerland/ZH-ETHZ-190014/2020|2020-07-06|EPI_ISL_500880|Original|hCoV-19^^Zurich|Human|Violler AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEH-A46444/2020|2020-05-28|EPI_ISL_643275|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-72015/2020|2020-05-08|EPI_ISL_479960|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201222793/2020|2020-05-28|EPI_ISL_684014|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMB-2021-A93888/2020|2020-05-03|EPI_ISL_440040|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Amato|United Kingdom

>Spike|hCoV-19/England/LIVE-AD6707/2020|2020-03-16|EPI_ISL_499735|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Amato|United Kingdom

>Spike|hCoV-19/Netherlands/NoordBrabant_124/2020|2020-03-26|EPI_ISL_461159|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Japan/PJ-0280/2020|2020-03-19|EPI_ISL_479960|Original|hCoV-19^^Kanto|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC3394/2020|2020-07-09|EPI_ISL_521073|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A4FC16/2020|2020-10-07|EPI_ISL_597780|Original|hCoV-19^^England|Human|Lighthouse Labs in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A93888/2020|2020-10-20|EPI_ISL_611217|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20110059/2020|2020-03-11|EPI_ISL_464711|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Brazil/SP-759/2020|2020-06-17|EPI_ISL_735413|Original|hCoV-19^^S\u00e9o Paulo|Human|Militello Centro de Diagnosticos e Biopesquisa Clinica|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/USA/HI-H200308/2020|2020-08-12|EPI_ISL_752867|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/USA/FL-BPHL-0588/2020|2020-03-22|EPI_ISL_508792|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-Bc8591/2020|2020-11-23|EPI_ISL_721316|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/UT-RIVM-10164/2020|2020-00-00|EPI_ISL_547551|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Wales/PHWC-33927/2020|2020-04-16|EPI_ISL_446767|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology|Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-94EA78/2020|2020-06-17|EPI_ISL_555049|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15527/2020|2020-10-22|EPI_ISL_787011|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/CA-QDX-2741/2020|2020-03-17|EPI_ISL_605017|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/Costa Rica/04/2020|2020-03-18|EPI_ISL_434540|Original|hCoV-19^^Costa Rica|Human|EBAIS Concepcion|u00f3n Norte|Inciena|Breneres Porrás|Costa Rica
>Spike|hCoV-19/Denmark/DGCC-7035/2020|2020-10-12|EPI_ISL_619882|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelson|Denmark
>Spike|hCoV-19/England/ALDP-95CB2/2020|2020-08-28|EPI_ISL_590379|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Bashton|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-12056/2020|2020-09-19|EPI_ISL_789899|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/MILK-A1844B/2020|2020-10-01|EPI_ISL_595034|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/England/ALDP-8FDEF5/2020|2020-06-24|EPI_ISL_557118|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Bashton|United Kingdom
>Spike|hCoV-19/England/ALDP-951DD3/2020|2020-06-10|EPI_ISL_551305|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/England/ALDP-951DD3/2020|2020-06-10|EPI_ISL_551305|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/England/ALDP-951DD3/2020|2020-06-10|EPI_ISL_551305|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/England/ALDP-951DD3/2020|2020-06-10|EPI_ISL_551305|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/USA/MA-MGH-00433/2020|2020-03-07|EPI_ISL_460158|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA
>Spike|hCoV-19/England/CAMB-770F5/2020|2020-04-01|EPI_ISL_439397|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/England/QEUH-BC4638/2020|2020-11-25|EPI_ISL_703538|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-8FDEF5/2020|2020-06-24|EPI_ISL_557118|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-951DD3/2020|2020-06-10|EPI_ISL_551305|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-951DD3/2020|2020-06-10|EPI_ISL_551305|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-951DD3/2020|2020-06-10|EPI_ISL_551305|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC13069/2020|2020-08-10|EPI_ISL_592175|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Japan/PG-6611/2020|2020-07-00|EPI_ISL_687723|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/USA/UT-UPHL-21120724/2020|2020-04-10|EPI_ISL_648560|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/Israel/CVL-n-7201/2020|2020-04-11|EPI_ISL_475004|Original|hCoV-19^^Jerusalem|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel
>Spike|hCoV-19/England/DGCC-20588/2020|2020-12-21|EPI_ISL_758748|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelson|Denmark
>Spike|hCoV-19/England/20172045604/2020|2020-04-14|EPI_ISL_465346|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/England/NORT-2815/2020|2020-03-24|EPI_ISL_488796|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMC-BC05F3/2020|2020-11-23|EPI_ISL_705093|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/MA-MGH-00916/2020|2020-05-02|EPI_ISL_791819|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA
Spike|hCoV-19/Australia/VIC17879/2020|2020-08-30|EPI_ISL_779526|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Beck|Australia

Spike|hCoV-19/England/QEUH-9DA4CE/2020|2020-09-22|EPI_ISL_601445|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/env/Netherlands/UT-92848-N/2020|2020-04-01|EPI_ISL_539306|Original|hCoV-19^^Utrecht|Environment|KWR Watercycle Research Institute|Erasmus Medical Center|Graaf|Netherlands

Spike|hCoV-19/England/MILK-9C71FA/2020|2020-09-08|EPI_ISL_573288|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

Spike|hCoV-19/England/CAMB-1B97D3/2020|2020-11-04|EPI_ISL_664532|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

Spike|hCoV-19/England/ALDP-A940CB/2020|2020-10-20|EPI_ISL_624572|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/USA/CA-SEARCH-5385/2020|2020-10-21|EPI_ISL_755137|Original|hCoV-19^^California|Human|UCSD EXCITE lab|Andersen lab at Scripps Research|Gangavarapu|USA

Spike|hCoV-19/USA/CA-TX-HMH-MCoV-13218/2020|2020-08-26|EPI_ISL_788369|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19/England/EXET-135B00/2020|2020-04-01|EPI_ISL_457134|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

Spike|hCoV-19/England/NORT-2818A3/2020|2020-03-20|EPI_ISL_488783|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/ALDP-A6800C/2020|2020-10-12|EPI_ISL_608889|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/QEUH-B4332B/2020|2020-11-08|EPI_ISL_657251|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/Australia/VIC12600/2020|2020-07-25|EPI_ISL_592033|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

Spike|hCoV-19/Switzerland/BS-ETHZ-190088/2020|2020-07-07|EPI_ISL_500944|Original|hCoV-19^^Basil-Stadt|Human|Volliot AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

Spike|hCoV-19/India/TG-CCMB-L1089/2020|2020-05-13|EPI_ISL_458057|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

Spike|hCoV-19/Wales/PHWC-4898A9/2020|2020-10-26|EPI_ISL_652419|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19/England/ALDP-AA49DC/2020|2020-10-22|EPI_ISL_625076|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/USA/CA-TX-HMH-7566/2020|2020-06-25|EPI_ISL_546857|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spike|hCoV-19^India/KA-nimh-3952/2020|2020-04-23|EPI_ISL_436138|Original|hCoV-19^Karnataka|Human|District Surveillance Unit|Department of Neurovirology|Pattabiramam|India
>Spike|hCoV-19^England/CAMB-73AFB/2020|2020-03-30|EPI_ISL_425279|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spike|hCoV-19^USA/TX-HMH-MCoV-18387/2020|2020-11-18|EPI_ISL_784735|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19^Wales/PHWC-4914AA/2020|2020-11-03|EPI_ISL_706659|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19^Japan/PG-1897/2020|2020-04-00|EPI_ISL_685503|Original|hCoV-19^Japan|Human|Yamagata Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19^Wales/PHWC-16001C/2020|2020-05-24|EPI_ISL_472883|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19^USA/MI-MDHHS-SC20439/2020|2020-03-11|EPI_ISL_452313|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19^Wales/PHWC-48CB25/2020|2020-11-01|EPI_ISL_666509|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19^Saudi Arabia/KAUST-Makkah90/2020|2020-03-30|EPI_ISL_437761|Original|hCoV-19^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia
>Spike|hCoV-19^England/QEUH-9F4BBD/2020|2020-09-25|EPI_ISL_588286|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19^Oman/C-2826/2020|2020-04-22|EPI_ISL_491163|Original|hCoV-19^Dahirah|Human|Oman-National Influenza Center|Biotechnology & OMICs Laboratory|Al Mahrqi|Oman
>Spike|hCoV-19^England/QEUH-9D005B/2020|2020-09-15|EPI_ISL_589830|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19^Denmark/DGCC-6967/2020|2020-10-12|EPI_ISL_619813|Original|hCoV-19^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19^USA/PA-MGSC29-05/2020|2020-03-25|EPI_ISL_436480|Original|hCoV-19^Pennsylvania|Human|UPMC Clinical Laboratory|Microbial Genomic Sequencing Center|Cooper|USA
>Spike|hCoV-19^Japan/PG-5973/2020|2020-07-00|EPI_ISL_689088|Original|hCoV-19^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19^USA/WA-S757/2020|2020-04-13|EPI_ISL_449927|Original|hCoV-19^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
>Spike|hCoV-19^Australia/VIC11034/2020|2020-08-01|EPI_ISL_563213|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19^England/CAMC-9DFF31/2020|2020-09-21|EPI_ISL_576945|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19^USA/TX-HMH-7240/2020|2020-06-29|EPI_ISL_546621|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19/Netherlands/NB-RIVM-10361/2020|2020-06-13|EPI_ISL_636556|Original|hCoV-19^^NoordBrabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
> Spike|hCoV-19/Australia/VIC6221/2020|2020-07-14|EPI_ISL_518219|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
> Spike|hCoV-19/Norway/4549/2020|2020-10-18|EPI_ISL_635103|Original|hCoV-19^^Vestfold og Telemark|Human|Vestfold Hospital|Norwegian Institute of Public Health|Vollan|Norway
> Spike|hCoV-19/USA/MI-MDHHS-SC22612/2020|2020-11-24|EPI_ISL_737185|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
> Spike|hCoV-19/USA/TX-HMH-7085/2020|2020-06-28|EPI_ISL_546492|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19/England/PT1756/2020|2020-11-13|EPI_ISL_731992|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/QEUH-A0C0DD/2020|2020-10-01|EPI_ISL_584951|Original|hCoV-19^^England|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Allikhan|United Kingdom
> Spike|hCoV-19/Denmark/DGCC-1257/2020|2020-06-01|EPI_ISL_618016|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
> Spike|hCoV-19/England/MILK-9929A5/2020|2020-08-27|EPI_ISL_552077|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Australia/SAP395/2020|2020-03-19|EPI_ISL_492160|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia
> Spike|hCoV-19/England/20139044404/2020|2020-03-29|EPI_ISL_420682|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
> Spike|hCoV-19/Japan/PG-6174/2020|2020-08-08|EPI_ISL_689286|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
> Spike|hCoV-19/England/QEUH-AEI8A5/2020|2020-10-26|EPI_ISL_633546|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/MILK-BB121C/2020|2020-11-17|EPI_ISL_720268|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/England/LEED-2AA8A19/2020|2020-04-05|EPI_ISL_539062|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/France/ARA-16647/2020|2020-03-25|EPI_ISL_509009|Original|hCoV-19^^Auvergne-Rh\00f4ne-Alpes|Human|Institut des Agents Infectieux (IAI)|CNR Virus des Infections Respiratoires - France SUD|Josset|France
> Spike|hCoV-19/Malaysia/UNIMAS-2426/2020|2020-04-17|EPI_ISL_718221|Original|hCoV-19^^Sarawak|Human|Ministry of Health Hospitals|Institute of Health and Community Medicine|Jonathan|Malaysia
Consortium|Golubchik|United Kingdom
19^^England|Human|Oxford Viromics|COVID
^>Spike|hCoV
19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Healthcare|Ogrodzki|United Arab Emirates
COVID
>3pike|hCoV
19/England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>3pike|hCoV/USA/WA-S512/2020|2020-04-01|EPI_ISL_434272|Original|hCoV-19/England/State Department of Health|Seattle Flu Study|Bedford|USA
>3pike|hCoV/19/Netherlands/NB-EMC-439/2020|2020-11-17|EPI_ISL_722391|Original|hCoV-19/Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands
>3pike|hCoV/USA/WA-UW-22039/2020|2020-08-03|EPI_ISL_571015|Original|hCoV-19/England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>3pike|hCoV/19/Brazil/SP-325/2020|2020-05-03|EPI_ISL_534318|Original|hCoV-19/S\u00edo Paulo|Human|Hospital Municipal Antonio Giglio|Instituto Adolfo Lutz|Sacchi|Brazil
>3pike|hCoV/19/Switzerland/ZH-ETHZ-331072/2020|2020-10-20|EPI_ISL_614967|Original|hCoV-19/Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>3pike|hCoV/19/England/EUH-C5C9FF/2020|2020-12-14|EPI_ISL_769446|Original|hCoV-19/England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>3pike|hCoV/19/England/ALDP-672E36/2020|2020-07-03|EPI_ISL_558111|Original|hCoV-19/England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>3pike|hCoV/19/England/ALDP-95177B/2020|2020-06-13|EPI_ISL_554122|Original|hCoV-19/England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>3pike|hCoV/19/England/ALDP-702EEF/2020|2020-06-30|EPI_ISL_557577|Original|hCoV-19/England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>3pike|hCoV/19/United Arab Emirates/0946/2020|2020-06-27|EPI_ISL_699082|Original|hCoV-19/Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodkzi|United Arab Emirates
>3pike|hCoV/19/England/ALDP-7B0C4C/2020|2020-11-17|EPI_ISL_720498|Original|hCoV-19/England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>3pike|hCoV/19/USA/TX-HMH-3787/2020|2020-06-11|EPI_ISL_543192|Original|hCoV-19/Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>3pike|hCoV/19/England/ALDP-3B872/2020|2020-11-01|EPI_ISL_679780|Original|hCoV-19/England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
Spike|hCoV-19/Wales/PHWC-16974B/2020|2020-07-20|EPI_ISL_512506|Original|hCoV-19\^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/England/NORW-ECFA3/2020|2020-06-01|EPI_ISL_472353|Original|hCoV-19\^England|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
Spike|hCoV-19/Malaysia/UNIMAS-0358/2020|2020-04-03|EPI_ISL_718148|Original|hCoV-19\^Sarawak|Human|Ministry of Health Hospitals|Institute of Health and Community Medicine|Jonathan|Malaysia
Spike|hCoV-19/England/CAMB-7EB66/2020|2020-04-07|EPI_ISL_442932|Original|hCoV-19\^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
Spike|hCoV-19/Scotland/EDB8781/2020|2020-03-17|EPI_ISL_447328|Original|hCoV-19\^Scotland|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
Spike|hCoV-19/USA/VA-DCLS-1167/2020|2020-07-18|EPI_ISL_525194|Original|hCoV-19\^Virginia|Human|Virginia DCLS|St. Jacques|USA
Spike|hCoV-19/Russia/CRE4991898/2020|2020-07-16|EPI_ISL_534339|Original|hCoV-19\^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology|Speranskaya|Russia
Spike|hCoV-19/Australia/VIC1561/2020|2020-05-04|EPI_ISL_456480|Original|hCoV-19\^Victoria|Human|Victorian Infectious Diseases Reference Laboratory
(VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
Spike|hCoV-19/Japan/PG-0015/2020|2020-01-20|EPI_ISL_479799|Original|hCoV-19\^Hokkaido|Human|Sapporo City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19/England/LIVE-1DID79/2020|2020-05-12|EPI_ISL_573238|Original|hCoV-19\^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
Spike|hCoV-19/USA/CO-CDPHE-2100039270/2020|2020-11-23|EPI_ISL_771351|Original|hCoV-19\^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Pupal Health and Environment|Bankers|USA
Spike|hCoV-19/Canada/BC_06779312/2020|2020-04-00|EPI_ISL_466804|Original|hCoV-19\^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada
Spike|hCoV-19/Scotland/EDB8781/2020|2020-10-26|EPI_ISL_650618|Original|hCoV-19\^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
Spike|hCoV-19/USA/CA-CZB-14115/2020|2020-05-22|EPI_ISL_739333|Original|hCoV-19\^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA
Spike|hCoV-19/England/MILK-A7CC6B/2020|2020-10-16|EPI_ISL_607508|Original|hCoV-19\^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/France/HDF-3036/2020|2020-03-19|EPI_ISL_420053|Original|hCoV-19\^Hauts-de-France|Human|CH Jean de Navarre Laboratoire de Biologie|National Reference Center for Viruses of Respiratory Infections|Enouf|France
Spike|hCoV-19/USA/TX-HMH-MCoV-8598/2020|2020-07-01|EPI_ISL_780643|Original|hCoV-19\^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/Spain/EN8598/2020|2020-07-01|EPI_ISL_780643|Original|hCoV-19\^Spain|Human|Hospital Universitari Vall d'Hebron|National Reference Center for Viruses of Respiratory Infections|Enouf|France
COVID-19 Spike protein

> Spike|hCoV-19|Russia/StPetersburg-RIII4308V|2020|2020-03-24|EPI_ISL_427309|Vero
> Spike|hCoV-19|Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russia|Komissarov|Russia
> Spike|hCoV-19|USA/MA-UW-11903|2020|2020-06-25|EPI_ISL_570476|Original|hCoV-19
> Spike|hCoV-19|Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
> Spike|hCoV-19|England/QEUEH-B424CF|2020|2020-11-08|EPI_ISL_657047|Original|hCoV-19
> Spike|hCoV-19|England|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|Spain/CN-IVB-97006482|2020|2020-03-25|EPI_ISL_537697|Original|hCoV-19
> Spike|hCoV-19|Canary Islands|Human|Hospital Universitario de Gran Canaria Dr. Negr\u00edn|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
> Spike|hCoV-19|USA/MA-MASPHL-00467|2020|2020-04-30|EPI_ISL_693096|Original|hCoV-19
> Spike|hCoV-19|Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA
> Spike|hCoV-19|England/ALDP-AA45D8|2020|2020-10-21|EPI_ISL_624439|Original|hCoV-19
> Spike|hCoV-19|England|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|India/TG-CCMB-L1824|2020|2020-06-02|EPI_ISL_471640|Original|hCoV-19
> Spike|hCoV-19|Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India
> Spike|hCoV-19|Denmark/DGCC-1964|2020|2020-07-20|EPI_ISL_618284|Original|hCoV-19
> Spike|hCoV-19|Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
> Spike|hCoV-19|USA/MA-UW-10305|2020|2020-06-03|EPI_ISL_570293|Original|hCoV-19
> Spike|hCoV-19|Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
> Spike|hCoV-19|Wales/PHWC-162962|2020|2020-05-27|EPI_ISL_473149|Original|hCoV-19
> Spike|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19|env/Wuhan/TVD/C-1968|2020|2020-01-01|EPI_ISL_408515|P1|hCoV-19
> Spike|hCoV-19|Hubei|Environment|Institute of Viral Disease Control and Prevention|Institute of Viral Disease Control and Prevention|Liu|China
> Spike|hCoV-19|England/QEUEH-9DDDB7|2020|2020-09-21|EPI_ISL_599652|Original|hCoV-19
> Spike|hCoV-19|England|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Japan/PG-8197|2020|2020-08-00|EPI_ISL_687296|Original|hCoV-19
> Spike|hCoV-19|Japan|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
> Spike|hCoV-19|England/QEUEH-9DECB3|2020|2020-09-21|EPI_ISL_584823|Original|hCoV-19
> Spike|hCoV-19|England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
> Spike|hCoV-19|England/ALDP-B4F6EA|2020|2020-10-04|EPI_ISL_649389|Original|hCoV-19
> Spike|hCoV-19|England|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|England/CAMC-B5256F|2020|2020-11-08|EPI_ISL_656911|Original|hCoV-19
> Spike|hCoV-19|England|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|USA/LA-SR0330|2020|2020-04-04|EPI_ISL_450183|Original|hCoV-19
> Spike|hCoV-19|Louisiana|Human|Robert Garry lab|Andersen lab at Scripps Research|Gangavarapu|USA
> Spike|hCoV-19|Scotland/CVR4421|2020|2020-09-19|EPI_ISL_585295|Original|hCoV-19
> Spike|hCoV-19|Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
> Spike|hCoV-19|USA/MA-N5S28|2020|2020-06-18|EPI_ISL_512145|Original|hCoV-19
> Spike|hCoV-19|Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Drown|USA
> Spike|hCoV-19|Netherlands/OV-RIVM-20465|2020|2020-11-16|EPI_ISL_728680|Original|hCoV-19
> Spike|hCoV-19|Overijssel|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
> Spike|hCoV-19|England/CAMC-BD1EB8|2020|2020-11-28|EPI_ISL_702031|Original|hCoV-19
> Spike|hCoV-19|England|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-951B33/2020|2020-06-10|EPI_ISL_551308|Original|hCoV-
>19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
>COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
><Spike|hCoV-19/Japan/PG-3105/2020|2020-05-00|EPI_ISL_691227|Original|hCoV-
>19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikuzaka|Japan
><Spike|hCoV-19/Wuhan/HBDC-HB-02/2020|2020-01-17|EPI_ISL_412978|Original|hCoV-
>19^Hubei|Human|The Central Hospital Of Wuhan|Hubei Provincial Center for Disease
>Control and Prevention|Fang|China
><Spike|hCoV-19/USA/WI-UK-2060/2020|2020-10-01|EPI_ISL_677465|Original|hCoV-
>19^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research
>Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
>Laboratories|Baczenas|USA
><Spike|hCoV-19/Wales/PHWC-36308/2020|2020-04-29|EPI_ISL_474650|Original|hCoV-
>19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
><Spike|hCoV-19/Denmark/DCGC-2624/2020|2020-08-17|EPI ISL 616503|Original|hCoV-
>19^Sjaelland|Human|Department of Virus and Microbiological Special
>Diagnostics|Albertsen lab|Michaelsen|Denmark
><Spike|hCoV-19/France/OCC-114/2020|2020-10-22|EPI_ISL_671977|Original|hCoV-
>19^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut
>F|u00e9ratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut
>F|u00e9ratif de Biologie|Latour|France
><Spike|hCoV-19/England/MILK-A184A5/2020|2020-10-01|EPI_ISL_595039|Original|hCoV-
>19^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust
>/ North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS
>Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK
>(COG-UK) Consortium|Robertson|United Kingdom
><Spike|hCoV-19/England/ALDP-BBAF58/2020|2020-11-20|EPI_ISL_701836|Original|hCoV-
>19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
>COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
><Spike|hCoV-19/England/LIVE-DC286F/2020|2020-11-24|EPI_ISL_705827|Original|hCoV-
>19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK)
>Consortium|Haldenby|United Kingdom
><Spike|hCoV-19/England/QEUH-AD0263/2020|2020-10-26|EPI_ISL_634070|Original|hCoV-
>19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
>19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
><Spike|hCoV-19/Netherlands/ZuidHolland_41/2020|2020-03-
>18|EPI_ISL_422913|Original|hCoV-19^Zuİd Holland|Human|Dutch COVID-19 response
>team|Erasmus Medical Center|Oude Munnink|Netherlands
><Spike|hCoV-19/Australia/NWS221/2020|2020-03-25|EPI_ISL_451487|Original|hCoV-19^New
>South Wales|Human|Pathology North - NSW Health Pathology|NSW Health Pathology -
>Institute of Clinical Pathology and Medical Research; Westmead Hospital; University
>of Sydney|Gall|Australia
><Spike|hCoV-19/Chile/RM-133625/2020|2020-07-25|EPI_ISL_746638|Original|hCoV-
>19^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de
>Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile
><Spike|hCoV-19/Greece/206_33492/2020|2020-03-13|EPI_ISL_447638|unknown|hCoV-
>19^Athens|Human|unknown|Department of Medicine|Submitter|Greece
><Spike|hCoV-19/England/QEUH-B1080A/2020|2020-11-02|EPI_ISL_641740|Original|hCoV-
>19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
>19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
><Spike|hCoV-19/England/MILK-BDB8ED/2020|2020-11-26|EPI_ISL_709648|Original|hCoV-
>19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the
>COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
><Spike|hCoV-19/Scotland/CVR1179/2020|2020-03-30|EPI_ISL_438770|Original|hCoV-
>19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK
>(COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19|Spain/MD-IBV-006435/2020|2020-04-14|EPI_ISL_510147|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1or|Un|SeqCOVID-SPAIN consortium/IBV (CSCIC)|Comas|Spain
>Spike|hCoV-19|USA/UT-UPHL-201281197/2020|2020-12-01|EPI_ISL_746864|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA
>Spike|hCoV-19|England/CMAC-A577DE/2020|2020-10-07|EPI_ISL_597366|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/GA-EHC-023W/2020|2020-03-13|EPI_ISL_754776|Original|hCoV-19^^Georgia|Human|Emory Molecular Diagnostics Laboratory|Plantadosi Lab|Plantadosi|USA
>Spike|hCoV-19|Northern Ireland/QEUH-96C0AF/2020|2020-08-15|EPI_ISL_530937|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/MI-MDHSS-SC22228/2020|2020-11-03|EPI_ISL_666894|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA
>Spike|hCoV-19|England/MILK-B39100/2020|2020-11-02|EPI_ISL_651054|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spike|hCoV-19|Russia/SVE-RII-MH1720S/2020|2020-09-19|EPI_ISL_602355|Original|hCoV-19^^Sverdlovsk|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Spike|hCoV-19|USA/FL-BPHL-0419/2020|2020-05-13|EPI_ISL_489828|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19|Australia/VIC9800/2020|2020-07-22|EPI_ISL_565724|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19|Australia/VIC9800/2020|2020-07-08|EPI_ISL_521775|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19|USA/CA-CZB-1591/2020|2020-03-26|EPI_ISL_468521|Original|hCoV-19^^California|Human|San Joaquin County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA
>Spike|hCoV-19|USA/MA-JLL-823207N/2020|2020-04-22|EPI_ISL_648266|Original|hCoV-19^^Massachusetts|Human|Brigham and Women's Hospital|Jonathan Li laboratory|Choudhary|USA
>Spike|hCoV-19|Japan/PG-0545/2020|2020-03-31|EPI_ISL_480201|Original|hCoV-19^^HokurikuShinsyu|Human|Toyama Institute of Health|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19|Netherlands/UT-RIVM-10360/2020|2020-08-12|EPI_ISL_636577|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spike|hCoV-19|Russia/SPE-RII-MH968S/2020|2020-09-04|EPI_ISL_596367|Original|hCoV-19^^Saint Petersburg|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Spike|hCoV-19|Australia/VIC11412/2020|2020-08-24|EPI_ISL_563361|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19|Scotland/QEUH-9F4437/2020|2020-09-27|EPI_ISL_600701|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Netherlands/Gelderland_52/2020|2020-05-08|EPI_ISL_460951|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
COVID-19

England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spiek|hCoV-19|Switzerland/BE-ETHZ-390391|2020|2020-12-01|EPI_ISL_721772|Original|hCoV-19^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

Spiek|hCoV-19|England/WSFT-25C168|2020|2020-04-20|EPI_ISL_495082|Original|hCoV-19^England|Human|Department of Medical Microbiology|Wescome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spiek|hCoV-19|Saudi Arabia/KAUST-MADINAH1078|2020|2020-05-27|EPI_ISL_513095|Original|hCoV-19^Madina|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Davies|United Kingdom

Spiek|hCoV-19|England/Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spiek|hCoV-19|England/Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spiek|hCoV-19|Washington|Human|University of Washington Health and the Environment (RIVM)|Meijer|Netherlands

Spiek|hCoV-19|Wales/PHWC-4859F5|2020|2020-10-23|EPI_ISL_626856|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spiek|hCoV-19|Denmark/DGCC-1604|2020|2020-04-13|EPI_ISL_618650|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

Spiek|hCoV-19|USA/NY-NYUMC403|2020|2020-04-13|EPI_ISL_430430|Original|hCoV-19^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

Spiek|hCoV-19|USA/TX-HMH-MCoV-1419|2020|2020-10-02|EPI_ISL_787475|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spiek|hCoV-19|Wales/PHWC-9278|2020|2020-07-03|EPI_ISL_781030|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spiek|hCoV-19|Texas/PHWC-9278|2020|2020-07-03|EPI_ISL_781030|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spiek|hCoV-19|Thailand/Bangkok-CONI|2020|2020-03-11|EPI_ISL_455915|Original|hCoV-19^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI)|Alliance|Batty|Thailand

Spiek|hCoV-19|England/ALDP-A52041|2020|2020-10-07|EPI_ISL_597953|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spiek|hCoV-19|USA/WI-UW-276|2020|2020-04-01|EPI_ISL_436570|Original|hCoV-19^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Davies|United Kingdom

Spiek|hCoV-19|England/LDHP-A6742F|2020|2020-10-12|EPI_ISL_630408|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spiek|hCoV-19|Japan/PG-3688|2020|2020-04-00|EPI_ISL_691941|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

Spiek|hCoV-19|Australia/NSW2551|2020|2020-04-04|EPI_ISL_527052|Original|hCoV-19^New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia

Spiek|hCoV-19|Wales/PHWC-2706|2020|2020-03-30|EPI_ISL_422275|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moo|United Kingdom

Spiek|hCoV-19|USA/WA-S2814|2020|2020-09-03|EPI_ISL_574656|Original|hCoV-19^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

Spiek|hCoV-19|Wales/PHWC-488D32|2020|2020-11-01|EPI_ISL_639496|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spiek|hCoV-19|England/ALDP-A95FCD|2020|2020-10-19|EPI_ISL_624608|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spiek|hCoV-19|England/ALDP-C06077|2020|2020-12-06|EPI_ISL_709372|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
| Country | Institution | City | Region | Code | Date | Reference |
|---------|-------------|------|--------|------|-------|-----------|
| Japan | IC-0361/2020 | Japan | | | 2020-11-00 | EPI_ISL_721569 |
| Japan | Pathogen Genomics Center | Japan | | | | Original | hCoV-19/japan | Japan | Human | Pathogen Genomics Center | Pathogen Genomics Center | Sekizuka | Japan |
| England | NORT-298593/2020 | England | NORT | 2020-04-22 | EPI_ISL_488050 | Original | hCoV-19/england | England | Human | NU-OMICS DNA Sequencing research facility | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| Texas | B21AF1/2020 | Texas | | 2020-11-01 | EPI_ISL_647296 | Original | hCoV-19/texas | Texas | Human | Houston Methodist Hospital | Houston Methodist Hospital | Long | USA |
| Malaysia | 526447/2020 | Malaysia | | | | Original | hCoV-19/malaysia | Malaysia | Human | Microbial Genome Sequencing Center | Kamil | USA |
| England | CAMC-B21AF1/2020 | England | CAMC | 2020-03-16 | EPI_ISL_775871 | Original | hCoV-19/england | England | Human | University Medical Center Hamburg Eppendorf | Heinrich Pette Institute | Robitaille | Germany |
| Wales | AF09E0/2020 | Wales | | 2020-10-29 | EPI_ISL_711050 | Original | hCoV-19/wales | Wales | Human | Lighthouse Lab in Cambridge | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| Scotland | CVR2191/2020 | Scotland | | 2020-04-11 | EPI_ISL_477872 | Original | hCoV-19/scotland | Scotland | Human | West of Scotland Specialist Virology Centre | COVID-19 Genomics UK (COG-UK) Consortium | Robertson | United Kingdom |
| USA | CA-ALSR-2741/2020 | USA | | 2020-07-15 | EPI_ISL_635654 | Original | hCoV-19/usa | California | Human | San Diego County Public Health Laboratory | Andersen lab at Scripps Research | Gangavarapu | USA |
| Texas | TX-DHSHS-1896/2020 | Texas | | 2020-07-08 | EPI_ISL_751515 | Original | hCoV-19/texas | Texas | Human | Texas Department of State Health Services | Texas Department of State Health Services | | USA |
| Texas | TX-HMH-MCoV-10270/2020 | Texas | | 2020-07-07 | EPI_ISL_789406 | Original | hCoV-19/texas | Texas | Human | Houston Methodist Hospital | Houston Methodist Hospital | Long | USA |
| England | LIVE-A0785/2020 | England | | 2020-06-02 | EPI_ISL_472135 | Original | hCoV-19/england | England | Human | Liverpool Clinical Laboratories | COVID-19 Genomics UK (COG-UK) Consortium | Haldenby | United Kingdom |
| USA | TX-DSHS | Texas | | | | Original | hCoV-19/usa | Texas | Human | Texas Department of State Health Services | Texas Department of State Health Services | | USA |
| USA | TX-HMH-MCoV-10270/2020 | Texas | | 2020-07-07 | EPI_ISL_789406 | Original | hCoV-19/texas | Texas | Human | Houston Methodist Hospital | Houston Methodist Hospital | Long | USA |
| England | ALDP-B74594/2020 | England | | 2020-11-12 | EPI_ISL_678929 | Original | hCoV-19/england | England | Human | Queens Medical Centre | COVID-19 Genomics UK (COG-UK) Consortium | Loose | United Kingdom |
| USA | TX-ALDP | Texas | | | | Original | hCoV-19/usa | Texas | Human | Respiratory Virus Unit | Respiratory Virus Unit | Platt | United Kingdom |
| Malaysia | 501199/2020 | Malaysia | | 2020-03-29 | EPI_ISL_501199 | Original | hCoV-19/malaysia | Malaysia | Human | Department of Medical Microbiology | Department of Medical Microbiology | Chan | Malaysia |
| Australia | SAP141/2020 | Australia | | 2020-03-30 | EPI_ISL_451142 | Original | hCoV-19/australia | Australia | Human | SA Pathology | SA Pathology | Leong | Australia |
| USA | TX-HMH-5801/2020 | Texas | | 2020-06-30 | EPI_ISL_547024 | Original | hCoV-19/texas | Texas | Human | Houston Methodist Hospital | Houston Methodist Hospital | Long | USA |
| England | SHEF-CFD60/2020 | England | | 2020-07-17 | EPI_ISL_526447 | Original | hCoV-19/england | England | Human | Microbial Genome Sequencing Center | Platt | United Kingdom |
| Malaysia | CFD60/2020 | Malaysia | | | | Original | hCoV-19/malaysia | Malaysia | Human | Microbial Genome Sequencing Center | Platt | United Kingdom |
| United Kingdom | MILK-9749B8/2020 | United Kingdom | | 2020-08-20 | EPI_ISL_575849 | Original | hCoV-19/united kingdom | England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| Spike | hCoV-19 | | EPI_ISL_578995 | Original | hCoV-19 | ^Biobio | Human | Genetica Molecular and Subdepartamento de Virologia ISP | Chile | Instituto de Salud Publica de Chile | Tognarelli | Chile |
| Spike | hCoV-19 | | EPI_ISL_508402 | Original | hCoV-19 | ^West Bengal | Human | Institute of Post Graduate Medical Education & Research | National Institute of Biomedical Genomics | Maitra | India |
| Spike | hCoV-19 | | EPI_ISL_452517 | Original | hCoV-19 | ^Navarra | Human | Clu00ednica Universidad de Navarra. Servicio de Enfermedades Infecciosas y Microbiologu00eda | SeqCOVID-SPAIN consortium | IBV (CSIC) | Comas | Spain |
| Spike | hCoV-19 | | EPI_ISL_602126 | Original | hCoV-19 | ^Scotland | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| Spike | hCoV-19 | | EPI_ISL_454659 | Original | hCoV-19 | ^California | Human | County of Santa Clara Public Health Department | Chan-Zuckerberg Biohub | Hao | USA |
| Spike | hCoV-19 | | EPI_ISL_748674 | Original | hCoV-19 | ^Hovedstaden | Human | Department of Virus and Microbiological Special Diagnostics | Albertsen | Lab | Michaelsen | Denmark |
| Spike | hCoV-19 | | EPI_ISL_734963 | Original | hCoV-19 | ^Rotselaar | Human | UZ Leuven | Maes | Belgium |
| Spike | hCoV-19 | | EPI_ISL_770932 | Original | hCoV-19 | ^Luxembourg | Human | Laboratoire national de sant\u00e9 | Laboratoire national de sant\u00e9 | Wienecke-Baldacchino | Luxembourg |
| Spike | hCoV-19 | | EPI_ISL_578995 | Original | hCoV-19 | ^Louisiana | Human | LSUHS Emerging Viral Threat Laboratory | Microbial Genome Sequencing Center | Kamal | USA |
| Spike | hCoV-19 | | EPI_ISL_521455 | Original | hCoV-19 | ^Victoria | Human | Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) | MDU-PHL | Schultz | Australia |
| Spike | hCoV-19 | | EPI_ISL_448894 | Original | hCoV-19 | ^England | Human | Virology Laboratory | COVID-19 Genomics UK (COG-UK) Consortium | de Silva | United Kingdom |
| Spike | hCoV-19 | | EPI_ISL_689267 | Original | hCoV-19 | ^Japan | Human | Pathogen Genomics Center | Pathogen Genomics Center | Sekizuka | Japan |
| Spike | hCoV-19 | | EPI_ISL_779543 | Original | hCoV-19 | ^Victoria | Human | Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) | MDU-PHL | Beck | Australia |
| Spike | hCoV-19 | | EPI_ISL_722365 | Original | hCoV-19 | ^Gelderland | Human | Dutch COVID-19 response team | Erasmus Medical Center | Oude Munnink | Netherlands |
| Spike | hCoV-19 | | EPI_ISL_735035 | Original | hCoV-19 | ^Kessel-Lo | Human | UZ Leuven | KU Leuven | Maes | Belgium |
| Spike | hCoV-19 | | EPI_ISL_604430 | Original | hCoV-19 | ^California | Human | Quest Diagnostics | Quest Diagnostics | Kagan | USA |
>Spike|hCoV-19/England/CAMC-A65A7A/2020|2020-10-11|EPI ISL_608545|Original|hCoV-19
>England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/AZ-TG351928/2020|2020-05-22|EPI ISL_694407|Original|hCoV-19
>Arizona|Human|AZ SPHL|TGen North|French|USA
>Spike|hCoV-19/England/ALDP-953560/2020|2020-06-08|EPI ISL_553789|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Switzerland/BS-42207833/2020|2020-03-26|EPI ISL_581754|Original|hCoV-19
>Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland
>Spike|hCoV-19/England/ALDP-6B580C/2020|2020-07-01|EPI ISL_557798|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC17481/2020|2020-08-18|EPI ISL_663902|Original|hCoV-19
>Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/TX_2967/2020|2020-03-01|EPI ISL_420798|Original|hCoV-19
>Texas|Human|Texas DSHS Lab Services|Pathogen Discovery|Queen|USA
>Spike|hCoV-19/England/20180018001/2020|2020-04-30|EPI ISL_465495|Original|hCoV-19
>England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/Wales/PHWC-23FDD/2020|2020-03-15|EPI ISL_418134|Original|hCoV-19
>Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/South Africa/KRISP-K003550/2020|2020-09-25|EPI ISL_602864|Original|hCoV-19
>South Africa|Human|KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
>Spike|hCoV-19/Germany/SH-ChVir2118/2020|2020-03-15|EPI ISL_729509|Original|hCoV-19
>Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e9 der Medizin Berlin|Muehlmann|Germany
>Spike|hCoV-19/Netherlands/NH-RIVM-20436/2020|2020-12-09|EPI ISL_728655|Original|hCoV-19
>Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spike|hCoV-19/USA/TX-HMH-MCoV-14041/2020|2020-08-14|EPI ISL_787329|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/ALDP-94E1DD/2020|2020-06-17|EPI ISL_555594|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QUEUH-B6926E/2020|2020-11-11|EPI ISL_662054|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DGCC-21041/2020|2020-12-21|EPI ISL_759522|Original|hCoV-19
>Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelelsen|Denmark
>Spike|hCoV-19/England/QUEUH-B9F29C/2020|2020-11-18|EPI ISL_720978|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Norway/2838/2020|2020-06-29|EPI ISL_500768|Original|hCoV-19
>Norway|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Kopperud Riis|Norway
>Spike|hCoV-19/USA/PA_4405/2020|2020-03-06|EPI ISL_424886|Original|hCoV-19
>Pennsylvania|Human|PA Department of Health|Pathogen Discovery|Queen|USA
>Spike|hCoV-19/Denmark/DGCC-1918/2020|2020-03-16|EPI ISL_622511|Original|hCoV-19
>Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelelsen|Denmark
>Spike|hCoV-19/Saudi Arabia/KAUST-Makkah232/2020|2020-04-06|EPI ISL_437728|Original|hCoV-19
>Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia
>Spike|hCoV-19/USA/TX-HMH-MCoV-15889/2020|2020-07-10|EPI_ISL_785573|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NOTT-113449/2020|2020-09-18|EPI_ISL_549505|Original|hCoV-19
^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK)

Consortium|Loose|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16097B/2020|2020-05-17|EPI_ISL_472999|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK)

Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/313290604/2020|2020-03-11|EPI_ISL_424082|Original|hCoV-19
^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Switzerland/GR-ETHZ-210036/2020|2020-07-22|EPI_ISL_510777|Original|hCoV-19
^Graubunden|Human|Viollier AG|Department of Biosysmence Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-47FB25/2020|2020-10-07|EPI_ISL_612774|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK)

Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/2019096604/2020|2020-03-25|EPI_ISL_423223|Original|hCoV-19
^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002788/2020|2020-08-24|EPI_ISL_529782|Original|hCoV-19
^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/20132017104/2020|2020-03-22|EPI ISL_423726|Original|hCoV-19
^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-AA3DA4/2020|2020-10-22|EPI_ISL_624502|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)

Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13834/2020|2020-08-17|EPI_ISL_787127|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/PORT-2D20E7/2020|2020-03-21|EPI_ISL_514486|Original|hCoV-19
^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK)

Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/NORT-29944A/2020|2020-04-24|EPI_ISL_492491|Original|hCoV-19
^England|Human|NU-OMICs DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)

Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009168/2020|2020-05-22|EPI_ISL_525154|Original|hCoV-19
^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/VA-DCLS-1666/2020|2020-08-29|EPI_ISL_644837|Original|hCoV-19
^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/QUEUH-9CF15C/2020|2020-09-15|EPI_ISL_590112|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)

Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-2581/2020|2020-03-15|EPI_ISL_604877|Original|hCoV-19
^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Denmark/DCGC-21454/2020|2020-12-21|EPI_ISL_758175|Original|hCoV-19
^Nordjylland|Human|Department of Virus and Microbiological Special

Diagnostics|Albertsens Lab|Miaehaelsen|Denmark

>Spike|hCoV-19/France/PAC-IHU-0268/2020|2020-03-30|EPI_ISL_569422|Original|hCoV-19
^Provence-Alpes-C^u00f4te-d^u00e9v^u00e9ru2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/New Zealand/20CV0115/2020|2020-08-15|EPI_ISL_548001|Original|hCoV-19
^Combined Auckland|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/USA/TX-HMH-MCoV-12090/2020|2020-09-18|EPI_ISL_790197|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMBC-1BCD38/2020|2020-12-02|EPI_ISL_763569|Original|hCoV-19
^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK)

Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/Australia/NSW207/2020|2020-03-21|EPI_ISL_427807|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

> Spike|hCoV-19/Scotland/QEUH-9P855E/2020|2020-09-27|EPI_ISL_600859|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/Spain/VC-FISABIO-40/2020|2020-03-07|EPI_ISL_421515|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia, Hospital Clinico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

> Spike|hCoV-19/USA/MD-MDH-0326/2020|2020-10-13|EPI_ISL_666771|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

> Spike|hCoV-19/England/LIVE-DC7105/2020|2020-11-30|EPI_ISL_705394|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

> Spike|hCoV-19/Japan/PG-8293/2020|2020-08-00|EPI_ISL_687392|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

> Spike|hCoV-19/Bangladesh/SUST-GB-Habiganj-6/2020|2020-11-12|EPI_ISL_754179|Original|hCoV-19^^Sylhet|Human|Specialized Lab for COVID-19 Detection|Specialized Lab for COVID-19 Detection|Hoque|Bangladesh

> Spike|hCoV-19/England/CAMC-9915FD/2020|2020-08-28|EPI_ISL_552001|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/Indonesia/JB-WJHL-ITB-R104416/2020|2020-09-23|EPI_ISL_747238|Original|hCoV-19^^West Java|Human|Bogor Public Health|West Java Health Laboratory; School of Life Sciences and Technology|Fibriani|Indonesia

> Spike|hCoV-19/Singapore/1380/2020|2020-07-10|EPI_ISL_648734|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

> Spike|hCoV-19/Denmark/DGCC-10772/2020|2020-11-02|EPI_ISL_670198|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

> Spike|hCoV-19/Israel/CVL-44919/2020|2020-12-01|EPI_ISL_745034|Original|hCoV-19^^Tel Aviv|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

> Spike|hCoV-19/Japan/PG-3741/2020|2020-04-00|EPI_ISL_691994|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

> Spike|hCoV-19/Japan/PG-6890/2020|2020-00-00|EPI_ISL_687998|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

> Spike|hCoV-19/Wales/PHWC-4817E0/2020|2020-10-12|EPI_ISL_613112|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/Russia/MOW-RII-MH1985S/2020|2020-06-01|EPI_ISL_596330|Original|hCoV-19^^Moscow|Human|Pathogenic Microorganisms Variability Laboratory|WHO National Influenza Centre Russian Federation|Komissarov|Russia

> Spike|hCoV-19/USA/CT-Yale-491/2020|2020-10-14|EPI_ISL_729738|Original|hCoV-19^^Connecticut|Human|Yale Pathology Lab|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

> Spike|hCoV-19/Italy/ARV-26157/2020|2020-04-16|EPI_ISL_676560|Original|hCoV-19^^Auvergne-Rhône-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

> Spike|hCoV-19/Wales/PHWC-16CEAD/2020|2020-09-26|EPI_ISL_627730|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/USA/CA-CZB-3673/2020|2020-07-13|EPI_ISL_548363|Original|hCoV-19^^California|Human|Tuolumne County Public Health|Chan-Zuckerberg Biohub|Bhatt|USA
>Spike|hCoV-19/Luxembourg/LNS714945/2020|2020-11-28|EPI_ISL_744525|Original|hCoV-19/Luxembourg|Human|Laboratoire national de santé|Luxembourg|Laboratoire national de santé|Luxembourg

>Spike|hCoV-19/England/ALDP-68E972/2020|2020-07-02|EPI_ISL_558167|Original|hCoV-19/England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC9288/2020|2020-00-00|EPI_ISL_565486|Original|hCoV-19/Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultze|Australia

>Spike|hCoV-19/England/CAMC-A65F8A/2020|2020-10-11|EPI_ISL_637534|Original|hCoV-19/England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/ALDP-C487FC/2020|2020-12-12|EPI_ISL_736702|Original|hCoV-19/England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2506/2020|2020-05-12|EPI_ISL_545344|Original|hCoV-19/Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR1958/2020|2020-04-08|EPI_ISL_448141|Original|hCoV-19/Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DGCC-19435/2020|2020-12-07|EPI_ISL_748944|Original|hCoV-19/Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QUEUH-AF285A/2020|2020-10-30|EPI_ISL_662775|Original|hCoV-19/England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204481951/2020|2020-10-30|EPI_ISL_654006|Original|hCoV-19/England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2409/2020|2020-07-02|EPI_ISL_635465|Original|hCoV-19/California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Belgium/ULG-11005/2020|2020-11-14|EPI_ISL_707768|Original|hCoV-19/Li|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Canada/BC-BCCDC-6437/2020|2020-10-00|EPI_ISL_740589|Original|hCoV-19/British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/England/SHEF-C81E3/2020|2020-04-21|EPI_ISL_453727|Original|hCoV-19/England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Slovakia/SK-BMC5/2020|2020-03-06|EPI_ISL_417879|Vero E6 Pl|hCoV-19/Kosice|Human|Institute of Virology|Institute of Virology|Klempa|Slovakia

>Spike|hCoV-19/England/MILK-AB8AB4/2020|2020-10-22|EPI_ISL_623789|Original|hCoV-19/England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-CDC-6218/2020|2020-04-26|EPI_ISL_527677|Original|hCoV-19/Minnesota|Human|MN PHL Division|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Scotland/GCVR-1710FA/2020|2020-03-27|EPI_ISL_459509|Original|hCoV-19/Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QUEUH-87CE2B/2020|2020-07-25|EPI_ISL_532824|Original|hCoV-19/England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NV-NSPHL-A0145/2020|2020-05-02|EPI_ISL_515410|Original|hCoV-19/Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA
>Spike|hCoV-19/USA/LA-EVTL291/2020|2020-08-26|EPI_ISL_574425|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Ramil|USA
>Spoke|hCoV-19/South Korea/KCDC2689/2020|2020-07-01|EPI_ISL_522469|Original|hCoV-19^^South Korea|Human|Center for Laboratory Control of Infectious Diseases|Center for Laboratory Control of Infectious Diseases|Kim|South Korea
>Spoke|hCoV-19/USA/SC-DHEC-0027/2020|2020-03-18|EPI_ISL_491100|Original|hCoV-19^^South Carolina|Human|SC Department of Health and Environmental Control|SC Department of Health and Environmental Control|Flores|USA
>Spoke|hCoV-19/Portugal/PT0012/2020|2020-03-07|EPI_ISL_417997|Original|hCoV-19^^Portugal|Human|Centro Hospital do Porto|Instituto Nacional de Saude (INSA)|Borges|Portugal
>Spoke|hCoV-19/England/ALDP-B24038/2020|2020-11-04|EPI_ISL_646215|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spoke|hCoV-19/England/20106100/2020|2020-03-04|EPI_ISL_464403|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spoke|hCoV-19/Wales/PHWC-165A73/2020|2020-06-13|EPI_ISL_490759|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spoke|hCoV-19/USA/WT-UW-730/2020|2020-06-30|EPI_ISL_491405|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spoke|hCoV-19/England/CAMC-B52F07/2020|2020-11-09|EPI_ISL_657358|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spoke|hCoV-19/England/CAMB-1BADA3/2020|2020-11-13|EPI_ISL_664766|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spoke|hCoV-19/USA/CT-Yale-263/2020|2020-04-02|EPI_ISL_469189|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA
>Spoke|hCoV-19/Scotland/CVR3126/2020|2020-04-27|EPI_ISL_439038|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spoke|hCoV-19/England/OEUH-AD0DDB/2020|2020-10-26|EPI_ISL_633899|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19/Scotland/CVR4070/2020|2020-08-31|EPI_ISL_535161|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spoke|hCoV-19/USA/CA-LACPHL-AA00026/2020|2020-10-27|EPI_ISL_710419|Original|hCoV-19^^California|Human|Los Angeles County PHL|Los Angeles County PHL|Hemarajata|USA
>Spoke|hCoV-19/Belgium/ULG-10973/2020|2020-09-08|EPI_ISL_707749|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
>Spoke|hCoV-19/USA/CA-CZB095/2020|2020-03-28|EPI_ISL_429006|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA
>Spoke|hCoV-19/Canada/ON-S44/2020|2020-03-17|EPI_ISL_586410|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
>Spoke|hCoV-19/England/MILK-B6E685/2020|2020-11-13|EPI_ISL_673916|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spoke|hCoV-19/USA/MI-QDX-71/2020|2020-03-14|EPI_ISL_467873|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spoke|hCoV-19/England/2019054604/2020|2020-03-14|EPI_ISL_465075|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
Spike|hCoV-19/England/OXON-B42BA/2020|2020-03-29|EPI_ISL_534945|Original|hCoV-19
England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK)
Consortium|Golubchik|United Kingdom
Spike|hCoV-19/Wales/PHWC-4A044E/2020|2020-12-10|EPI_ISL_743445|Original|hCoV-19
Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/France/ARA-06531/2020|2020-03-06|EPI_ISL_416756|Original|hCoV-19
Auvergne-Rhône-Alpes|Human|Institut des Agents Infectieux (IAI) Hospices Civils de Lyon|CNR Virus des Infections Respiratoires - France|SUD|Josset|France
Spike|hCoV-19/Wales/PHWC-36AF4/2020|2020-05-02|EPI_ISL_474760|Original|hCoV-19
Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/England/SHEF-C7991/2020|2020-03-30|EPI_ISL_442013|Original|hCoV-19
England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
Spike|hCoV-19/USA/WI-WSLH-200498/2020|2020-05-21|EPI_ISL_578639|Original|hCoV-19
Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA
Spike|hCoV-19/USA/NY-NYCPHL-000281/2020|2020-03-20|EPI_ISL_631807|Original|hCoV-19
New York|Human|Brookdale University Hospital Medical Center|New York City Public Health Laboratory|Wang|USA
Spike|hCoV-19/England/QEUEH-B109F8/2020|2020-11-02|EPI_ISL_642593|Original|hCoV-19
England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/USA/MI-MDHHS-SC20184/2020|2020-03-28|EPI_ISL_436890|Original|hCoV-19
Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
Spike|hCoV-19/Denmark/DGCC-10543/2020|2020-11-02|EPI_ISL_670042|Original|hCoV-19
Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
Spike|hCoV-19/Germany/BY-MVP-0027/2020|2020-04-10|EPI_ISL_437226|Original|hCoV-19
Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany
Spike|hCoV-19/England/QEUEH-9D00C4/2020|2020-09-15|EPI_ISL_589872|Original|hCoV-19
England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/QEUEH-B31DAA/2020|2020-11-04|EPI_ISL_646234|Original|hCoV-19
England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/Denmark/DGCC-18072/2020|2020-12-14|EPI_ISL_749738|Original|hCoV-19
Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
Spike|hCoV-19/England/204390351/2020|2020-10-23|EPI_ISL_637143|Original|hCoV-19
England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
Spike|hCoV-19/New Zealand/20VR1806/2020|2020-03-28|EPI_ISL_579133|Original|hCoV-19
Southern|Human|Southern Community Labs Dunedin|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
Spike|hCoV-19/Netherlands/GE-RIVM-20680/2020|2020-12-17|EPI_ISL_790577|Original|hCoV-19
Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
Spike|hCoV-19/England/ALDP-B5BFFF/2020|2020-11-10|EPI_ISL_655790|Original|hCoV-19
England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/Denmark/DGCC-1220/2020|2020-05-18|EPI_ISL_614863|Original|hCoV-19
Rovestaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19|Denmark|DCGC-7680|2020|2020-10-19|EPI_ISL_618619|Original|hCoV-19
>Spike|hCoV-19|South Korea|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelisen|Denmark
>Spike|hCoV-19|Switzerland|BS-4223939|2020|2020-04-21|EPI_ISL_581916|Original|hCoV-19
>Spike|hCoV-19|Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19|England|20198117094|2020|2020-05-07|EPI_ISL_465638|Original|hCoV-19
>Spike|hCoV-19|England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19|USA|UT-UPHL-2009498|2020|2020-07-15|EPI_ISL_605182|Original|hCoV-19
>Spike|hCoV-19|Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19|USA|TX-HMH-4845|2020|2020-06-22|EPI_ISL_544371|Original|hCoV-19
>Spike|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|England|CAMC-B719A2|2020|2020-11-12|EPI_ISL_723965|Original|hCoV-19
>Spike|hCoV-19|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19|USA|MA-MGH-00465|2020|2020-04-04|EPI_ISL_460390|Original|hCoV-19
>Spike|hCoV-19|Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA
>Spike|hCoV-19|USA|AZ-TG571107|2020|2020-08-03|EPI_ISL_695616|Original|hCoV-19
>Spike|hCoV-19|Arizona|Human|TGen North|TGen North|French|USA
>Spike|hCoV-19|England|CAMC-C479E8|2020|2020-12-11|EPI_ISL_718493|Original|hCoV-19
>Spike|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|United Arab Emirates|0404|2020|2020-05-15|EPI_ISL_698579|Original|hCoV-19
>Spike|hCoV-19|Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
>Spike|hCoV-19|Northern Ireland|NIRE-FC939|2020|2020-04-22|EPI_ISL_459365|Original|hCoV-19
>Spike|hCoV-19|Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England|NORW-FA17F|2020|2020-12-08|EPI_ISL_725477|Original|hCoV-19
>Spike|hCoV-19|England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19|England|QEUH-A7909F|2020|2020-10-11|EPI_ISL_638783|Original|hCoV-19
>Spike|hCoV-19|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19|Australia|VIC6088|2020|2020-07-21|EPI_ISL_518113|Original|hCoV-19
>Spike|hCoV-19|Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19|Australia|VIC428|2020|2020-03-25|EPI_ISL_426728|Original|hCoV-19
>Spike|hCoV-19|Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spike|hCoV-19|Australia|VIC17905|2020|2020-08-29|EPI_ISL_779548|Original|hCoV-19
>Spike|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Beck|Australia
>Spike|hCoV-19|England|CAMB-81CD6|2020|2020-04-12|EPI_ISL_442951|Original|hCoV-19
>Spike|hCoV-19|England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19|England|ALDP-95041B|2020|2020-06-15|EPI_ISL_555281|Original|hCoV-19
>Spike|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England|ALDP-9ED489|2020|2020-05-05|EPI_ISL_589383|Original|hCoV-19
>Spike|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|South Korea|KCDC2474|2020|2020-06-10|EPI_ISL_514877|Original|hCoV-19
>Spike|hCoV-19|South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea
>Spike|hCoV-19|England|CAMC-A663BA|2020|2020-10-11|EPI_ISL_627149|Original|hCoV-19
>England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spike|hCoV-19|Denmark|DGCC-11737|2020|2020-10-26|EPI_ISL_671105|Original|hCoV-19
>Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19|Wales|PHWC-49302C|2020|2020-11-28|EPI ISL_725825|Original|hCoV-19
>Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19|Iceland|579|2020|2020-03-27|EPI_ISL_424599|Original|hCoV-19
>Reykjavik|Human|The National University Hospital of Iceland|deCODE genomics|J\u00f3nsson|Iceland
>Spike|hCoV-19|Austria|CeMM1007|2020|2020-05-02|EPI_ISL_583847|Original|hCoV-19
>Austria|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria
>Spike|hCoV-19|Luxembourg|LNS9113369|2020|2020-11-30|EPI_ISL_770939|Original|hCoV-19
>Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19|England|ALDP-95468A|2020|2020-06-09|EPI_ISL_555464|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England|20149007704|2020|2020-03-31|EPI_ISL_466130|Original|hCoV-19
>England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19|Canada|QC\_AC7|2020|2020-04-06|EPI_ISL_444510|Original|hCoV-19
>Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada
>Spike|hCoV-19|England|CAMC-B0889C|2020|2020-10-29|EPI_ISL_643734|Original|hCoV-19
>England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|England|20162001904|2020|2020-04-13|EPI_ISL_466383|Original|hCoV-19
>England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19|England|DGCC-7468|2020|2020-10-12|EPI_ISL_618417|Original|hCoV-19
>Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19|England|MILK-BA9B0D|2020|2020-11-17|EPI_ISL_681618|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|Switzerland|BE-ETHZ-410801|2020|2020-12-14|EPI_ISL_737584|Original|hCoV-19
>Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19|England|QUEU-CC2A4C|2020|2020-12-21|EPI_ISL_760694|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|Belgium|rega-0514671|2020|2020-05-14|EPI_ISL_734734|Original|hCoV-19
>Leuven|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Spike|hCoV-19|England|LEED-2A9FA0|2020|2020-04-09|EPI_ISL_538782|Original|hCoV-19
>England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|USA|NY-Wadsworth-226232-01|2020|2020-09-23|EPI_ISL_767435|Original|hCoV-19
>New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
>Spike|hCoV-19|Wales|QUEU-964933|2020|2020-08-11|EPI_ISL_531219|Original|hCoV-19
>Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|USA|NY-NYCPHL-001207|2020|2020-11-02|EPI_ISL_745443|Original|hCoV-19
>New York|Human|DOHMH Morrisania|New York City Public Health Laboratory|Wang|USA
>Spike|hCoV-19|USA|WI-UW-2244|2020|2020-09-27|EPI_ISL_728013|Original|hCoV-19
>Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

> Spike | hCoV-19 | Scotland | QEUH-96DFA1 | 2020-08-20 | EPI_ISL_530440 | Original | hCoV-19
> ^Scotland | Human | NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research/Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike | hCoV-19 | USA/LA-EVT0777 | 2020-08-26 | EPI_ISL_574411 | Original | hCoV-19
> ^Louisiana | Human | LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

> Spike | hCoV-19 | Portugal/IGC3484 | 2020-05-25 | EPI_ISL_491189 | Original | hCoV-19
> ^Portugal | Human | Instituto Gulbenkian de Ci\u00eancia|Instituto Gulbenkian de Ci\u00eancia|Leite|Portugal

> Spike | hCoV-19 | France/PAC-IHU-0827 | 2020-05-12 | EPI_ISL_568981 | Original | hCoV-19
> ^Provence-Alpes-C\u00e9te d\u0027Azur | Human | MEPHI | DEPHE | LEvasseur|France

> Spike | hCoV-19 | France/PAC-IHU-0151 | 2020-03-22 | EPI_ISL_569337 | Original | hCoV-19
> ^Provence-Alpes-C\u00e9te d\u0027Azur | Human | MEPHI | MEPHI | LEvasseur|France

> Spike | hCoV-19 | England/ALDP-B2631F | 2020-11-04 | EPI_ISL_646724 | Original | hCoV-19
> ^England | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike | hCoV-19 | England/LILB-88246 | 2020-11-13 | EPI_ISL_674046 | Original | hCoV-19
> ^England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike | hCoV-19 | France/PAC-IHU-0827 | 2020-05-12 | EPI_ISL_568981 | Original | hCoV-19
> ^Provence-Alpes-C\u00e9te d\u0027Azur | Human | MEPHI | MEPHI | LEvasseur|France

> Spike | hCoV-19 | England/ALDP-B1AF47 | 2020-11-01 | EPI_ISL_645594 | Original | hCoV-19
> ^England | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike | hCoV-19 | England/ALDP-93719B | 2020-06-21 | EPI_ISL_652824 | Original | hCoV-19
> ^England | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike | hCoV-19 | England/LOND-DA9D7 | 2020-11-04 | EPI_ISL_724678 | Original | hCoV-19
> ^England | Human | University College London | COVID-19 Genomics UK (COG-UK) consortium|Roy|United Kingdom

> Spike | hCoV-19 | Wales/PHWC-3614A | 2020-04-29 | EPI_ISL_474626 | Original | hCoV-19
> ^Wales | Human | Originating lab | COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom

> Spike | hCoV-19 | England/QEUH-9F68DF | 2020-09-25 | EPI_ISL_588434 | Original | hCoV-19
> ^England | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike | hCoV-19 | Japan/PG-4549 | 2020-00-00 | EPI_ISL_689687 | Original | hCoV-19
> ^Japan | Human | Gunma Prefectural Institute of Public Health and Environmental Sciences | Pathogen Genomics Center|Sekizuka|Japan

> Spike | hCoV-19 | England/ALDP-B1C5BC | 2020-11-01 | EPI_ISL_645674 | Original | hCoV-19
> ^England | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike | hCoV-19 | Denmark/DGCC-13055 | 2020-11-30 | EPI_ISL_712134 | Original | hCoV-19
> ^Hovedstaden | Human | Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelensen|Denmark

> Spike | hCoV-19 | England/CAMB-80B9E | 2020-04-11 | EPI_ISL_442880 | Original | hCoV-19
> ^England | Human | Department of Pathology | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

> Spike | hCoV-19 | Scotland/QEUH-C01188 | 2020-12-05 | EPI_ISL_757239 | Original | hCoV-19
> ^Scotland | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/MILK-ACE5F6/2020|2020-10-20|EPI_ISL_629147|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/USA/CA-CZB-12869/2020|2020-10-15|EPI_ISL_648524|Original|hCoV-19^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

Spike|hCoV-19/England/NORT-283786/2020|2020-04-01|EPI_ISL_488561|Original|hCoV-19^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Wales/PHWC-484185/2020|2020-10-24|EPI_ISL_627972|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom

Spike|hCoV-19/United Arab Emirates/0231/2020|2020-05-17|EPI_ISL_698415|Original|hCoV-19^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

Spike|hCoV-19/Saudi Arabia/KAUST-Makkah194/2020|2020-04-06|EPI_ISL_437709|Original|hCoV-19^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia

Spike|hCoV-19/Egypt/CUNCI-HGC31014/2020|2020-06-02|EPI_ISL_479696|Original|hCoV-19^Egypt|Human|Egyptian National Cancer Institute (ENCI)|Egyptian National Cancer Institute (ENCI)|Zeckri|Egypt

Spike|hCoV-19/England/CAMC-BD23B8/2020|2020-11-27|EPI_ISL_702325|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/MILK-99CC2A/2020|2020-08-31|EPI_ISL_549898|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/USA/LA-GBCL-26684456/2020|2020-04-11|EPI_ISL_485901|Original|hCoV-19^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

Spike|hCoV-19/England/CAMC-A8200C/2020|2020-10-14|EPI_ISL_610757|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/PORT-2D38EE/2020|2020-04-16|EPI_ISL_529348|Original|hCoV-19^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

Spike|hCoV-19/England/MILK-9C4694/2020|2020-09-10|EPI_ISL_566861|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Netherlands/Utrecht_10034/2020|2020-04-22|EPI_ISL_454783|Original|hCoV-19^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

Spike|hCoV-19/England/QEUH-A5E564/2020|2020-10-12|EPI_ISL_597499|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Wales/PHWC-497386/2020|2020-11-27|EPI_ISL_726819|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19/Luxembourg/LNS2448870/2020|2020-12-27|EPI_ISL_770855|Original|hCoV-19^Luxembourg|Human|Laboratoire national de santé|Laboratoire national de santé|Wiencke-Baldacchino|Luxembourg

Spike|hCoV-19/Denmark/DGCC-15223/2020|2020-11-23|EPI_ISL_713430|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

Spike|hCoV-19/England/QEUH-C31486/2020|2020-12-10|EPI_ISL_730815|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Consortium

Spike | hCoV-19

England | Human | Liverpool Clinical Laboratories | COVID-19 Genomics UK (COG-UK) Consortium | Haldenby | United Kingdom

Spike | hCoV-19

Finland | Human | Department of Virology and Immunology | Department of Virology | Smura | Finland

Spike | hCoV-19

USA/IL-UW-2033 | 2020-09-19 | EPI_ISL_677439 | Original | hCoV-19

Illinois | Human | University of Wisconsin-Madison AIDS Vaccine Research Laboratories | University of Wisconsin-Madison AIDS Vaccine Research Laboratories | Baczenas | USA

Spike | hCoV-19

Netherlands/Gelderland_12 | 2020-03-20 | EPI_ISL_422640 | Original | hCoV-19

Gelderland | Human | Dutch COVID-19 response team | Erasmus Medical Center | Oude Munnink | Netherlands

Spike | hCoV-19

England/CAMC-A659D7 | 2020-10-11 | EPI_ISL_637479 | Original | hCoV-19

England | Human | Department of Pathology | COVID-19 Genomics UK (COG-UK) Consortium | Goodfellow | United Kingdom

Spike | hCoV-19

Bangladesh/CHRF-0050 | 2020-06-02 | EPI_ISL_625464 | Original | hCoV-19

Bangladesh | Human | Child Health Research Foundation | Child Health Research Foundation | Saha | Bangladesh

Spike | hCoV-19

Finland/15LS14AF1 | 2020-10-15 | EPI_ISL_756170 | Original | hCoV-19

Uusimaa | Human | Department of Virology and Immunology | Department of Virology | Smura | Finland

Spike | hCoV-19

USA/TX-HMH | 2020-06-29 | EPI_ISL_547358 | Original | hCoV-19

Texas | Human | Houston Methodist Hospital | Houston Methodist Hospital | Long | USA

Spike | hCoV-19

Wales/PHWC-165994 | 2020-06-14 | EPI_ISL_490747 | Original | hCoV-19

Wales | Human | Wales Specialist Virology Centre Sequencing lab | COVID-19 Genomics UK (COG-UK) Consortium | Moore | United Kingdom

Spike | hCoV-19

Denmark/DCGC-20238 | 2020-11-30 | EPI_ISL_747538 | Original | hCoV-19

Hovedstaden | Human | Department of Virus and Microbiological Special Diagnostics | Albertens Lab | Michaelisen | Denmark

Spike | hCoV-19

Wales/PHWC-291C2 | 2020-04-03 | EPI_ISL_432154 | Original | hCoV-19

Wales | Human | Wales Specialist Virology Centre | Public Health Wales Microbiology Cardiff | Moore | United Kingdom

Spike | hCoV-19

Pakistan/JRCGR-KHI02 | 2020-06-04 | EPI_ISL_779269 | Original | hCoV-19

Karachi | Human | Jamil-ur-Rahman Center for Genome Research | Jamil-ur-Rahman Center for Genome Research | Shakeel | Pakistan

Spike | hCoV-19

Australia/VIC159 | 2020-03-18 | EPI_ISL_419856 | Original | hCoV-19

Victoria | Human | Victorian Infectious Diseases Reference Laboratory (VIDRL) | Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory | Schultz | Australia

Spike | hCoV-19

England/LOND-12F0B3A | 2020-11-25 | EPI_ISL_679606 | Original | hCoV-19

England | Human | University College London | COVID-19 Genomics UK (COG-UK) Consortium | Roy | United Kingdom

Spike | hCoV-19

USA/MI-MDHSS-SC21136 | 2020-03-30 | EPI_ISL_507912 | Original | hCoV-19

Michigan | Human | Michigan Department of Health and Human Services | Michigan Department of Health and Human Services | Blankenship | USA

Spike | hCoV-19

USA/TX-HMH-MCoV-14632 | 2020-10-09 | EPI_ISL_787917 | Original | hCoV-19

Texas | Human | Houston Methodist Hospital | Houston Methodist Hospital | Long | USA

Spike | hCoV-19

England/ALDP-9B59F7 | 2020-08-28 | EPI_ISL_590328 | Original | hCoV-19

England | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

Spike | hCoV-19

Singapore/1003 | 2020-06-03 | EPI_ISL_574486 | VeroE6 P2 | hCoV-19

Singapore | Human | Programme in Emerging Infectious Diseases | National Public Health Laboratory | Mak | Singapore

Spike | hCoV-19

England/EXET-138165 | 2020-10-05 | EPI_ISL_612118 | Original | hCoV-19

England | Human | University of Exeter | COVID-19 Genomics UK (COG-UK) Consortium | Temperton | United Kingdom

Spike | hCoV-19

Ireland/WW-NVRL-AIIDV1099v1 | 2020-09-18 | EPI_ISL_768772 | Original | hCoV-19

England | Human | University of Exeter | COVID-19 Genomics UK (COG-UK) Consortium - National Virus Reference Laboratory | Gonzalez | Ireland
>Spike|hCoV-19/England/ALDP-A87939/2020|2020-10-16|EPI_ISL_605937|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Northern Ireland/MILK-95D9A6/2020|2020-06-19|EPI_ISL_556233|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-A00464/2020|2020-10-02|EPI_ISL_600390|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Tunisia/ADAGE-18503/2020|2020-10-19|EPI_ISL_711057|Original|hCoV-19^^Monastir|Human|H\u00f4pital Fattouma-Bourguiba de Monastir|Laboratoire des Proce\u00e9dures de Criblage Mol\u00e9culaire et Cellulaire-Centre de Biotechnologie de Sfax|Abid|Tunisia
>Spike|hCoV-19/England/ALDP-9CD4A0/2020|2020-09-16|EPI_ISL_566258|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/LIVE-DCA612/2020|2020-03-07|EPI_ISL_724371|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/England/SHEF-C4E95/2020|2020-03-22|EPI_ISL_432797|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/Scotland/QEUH-AD4A85/2020|2020-10-27|EPI_ISL_644021|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Netherlands/NA_119/2020|2020-03-16|EPI_ISL_422666|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands
>Spike|hCoV-19/England/ALDP-B19F48/2020|2020-11-01|EPI_ISL_645824|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/BRIS-126179/2020|2020-04-09|EPI_ISL_459089|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Germany/BE-ChoVir-W1148-8141/2020|2020-04-09|EPI_ISL_753942|Original|hCoV-19^^Berlin|Human|Charit\u00e9|Universit\u00e4tsmedizin Berlin|Charit\u00e9|Berlin|Muehlmann|Germany
>Spike|hCoV-19/Russia/MOS-CRIE-13660226/2020|2020-11-09|EPI_ISL_754209|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \nCentre Research Institute of Epidemiology|\ Of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance\ Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiolog
>Spike|hCoV-19/Canada/QC-LSPQ-L00232672/2020|2020-03-22|EPI_ISL_560413|Original|hCoV-19^^Quebec|Human|Centre de SSS D'Arthabaska-et-de-l\'\u00e9vre|H\u00f4pital de sant\u00e9 de l\'\u00e9vre\ Moreira|Canada
>Spike|hCoV-19/USA/WA-UW-5095/2020|2020-04-08|EPI_ISL_429647|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/Switzerland/BS-UHB-42195295/2020|2020-03-17|EPI_ISL_528174|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland
>Spike|hCoV-19/USA/CA-CHLA-PLM32355874/2020|2020-11-16|EPI_ISL_753348|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA
>Spike|hCoV-19/Wales/PHWC-15D20D/2020|2020-05-05|EPI_ISL_472684|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/England/20144019304/2020|2020-03-30|EPI_ISL_421940|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
Spike|hCoV-19/Australia/NSW1346/2020|2020-12-29|EPI_ISL_767912|Original|hCoV-19^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Liverpool Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
Spike|hCoV-19/Scotland/GCVR-1703E3/2020|2020-03-23|EPI_ISL_459646|Original|hCoV-19^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/CA-CZB-2754/2020|2020-06-27|EPI_ISL_582860|Original|hCoV-19^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA
Spike|hCoV-19/Switzerland/BS-ETHZ-330429/2020|2020-10-18|EPI_ISL_614903|Original|hCoV-19^Basel-Stadt|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
Spike|hCoV-19/Sichuan/SC-PHCC2-041/2020|2020-01-24|EPI_ISL_451361|Original|hCoV-19^Sichuan|Human|West China Hospital of Sichuan University|State Key Laboratory of Biotherapy of Sichuan University|Tang|China
Spike|hCoV-19/Scotland/QEUV-88E415/2020|2020-07-27|EPI_ISL_532784|Original|hCoV-19^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/QEUV-96A812/2020|2020-08-13|EPI_ISL_531534|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/QEUV-C342D4/2020|2020-12-11|EPI_ISL_734019|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/USA/NY-Wadsworth-249555-01/2020|2020-10-20|EPI_ISL_754726|Original|hCoV-19^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
Spike|hCoV-19/Italy/VEN-12SVE-20RS2161-14/2020|2020-11-09|EPI_ISL_747467|Original|hCoV-19^Veneto|Human|Ospedale Mater Salutis|Istituto Zooprofilattico Sperimentale delle Venezie|Quaranta|Italy
Spike|hCoV-19/Australia/SAP037/2020|2020-03-20|EPI_ISL_451081|Original|hCoV-19^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia
Spike|hCoV-19/Portugal/PT0171/2020|2020-03-28|EPI_ISL_453887|Original|hCoV-19^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal
Spike|hCoV-19/England/LIVE-DC6CBA/2020|2020-11-27|EPI_ISL_705924|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
Spike|hCoV-19/England/CAMC-B9AF7C/2020|2020-11-15|EPI_ISL_673697|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/India/GJ-GBRC303a/2020|2020-06-15|EPI_ISL_495050|Original|hCoV-19^Gujarat|Human|GMERS Medical College & Hospital|Gujarat Biotechnology Research Centre|Joshi|India
Spike|hCoV-19/Wales/ALDP-8D7F1C/2020|2020-06-25|EPI_ISL_557016|Original|hCoV-19^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/TX-HMH-MCoV-14563/2020|2020-10-08|EPI_ISL_787848|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/Canada/ON-S1512/2020|2020-08-30|EPI_ISL_755895|Original|hCoV-19^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
Spike|hCoV-19/Iran/SA-Isf-23/2020|2020-04-08|EPI_ISL_672576|Original|hCoV-19^Iran|Human|Infectious Diseases and Tropical Medicine Research Center|Infectious Diseases and Tropical Medicine Research Center|Ahangarzadeh,S.|Iran
>Spike|hCoV-19|Hong Kong|HKPU74-1302/2020|2020-02-22|EPI_ISL_419245|Original|hCoV-19
^ Hong Kong|Human|Department of Clinical Pathology|Department of Health Technology and Informatics|Leung|China
> Spike|hCoV-19|England/NORW-F0F8E/2020|2020-10-13|EPI_ISL_627591|Original|hCoV-19
^ England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
> Spike|hCoV-19|USA/HL200334/2020|2020-08-15|EPI_ISL_752892|Original|hCoV-19
^ Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA
> Spike|hCoV-19|Denmark/DGCC-3644/2020|2020-08-31|EPI_ISL_615416|Original|hCoV-19
^ Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
> Spike|hCoV-19|England/QUHU-AP572D/2020|2020-10-30|EPI_ISL_662993|Original|hCoV-19
^ England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|Wales/CAMC-A8244C/2020|2020-10-12|EPI_ISL_625298|Original|hCoV-19
^ Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Wales/ALDP-BEBE90/2020|2020-12-03|EPI_ISL_710631|Original|hCoV-19
^ Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
> Spike|hCoV-19|USA/TX-HMW-3511/2020|2020-06-15|EPI_ISL_544211|Original|hCoV-19
^ Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19|England/ALDP-9D7634/2020|2020-09-18|EPI_ISL_576573|Original|hCoV-19
^ England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
> Spike|hCoV-19|England/LIVE-1D232B/2020|2020-05-12|EPI_ISL_572562|Original|hCoV-19
^ England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
> Spike|hCoV-19|England/LIVE-A2C1B/2020|2020-05-19|EPI_ISL_499872|Original|hCoV-19
^ England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
> Spike|hCoV-19|England/ALDP-51F142/2020|2020-06-02|EPI_ISL_559032|Original|hCoV-19
^ England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|USA/CA-SCCPHD-UC175/2020|2020-03-13|EPI_ISL_435654|Original|hCoV-19
^ California|Human|Santa Clara County Public Health Department|Chiu Laboratory|Chiu|USA
> Spike|hCoV-19|Australia/VIC11162/2020|2020-08-11|EPI_ISL_563277|Original|hCoV-19
^ Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19|Denmark/DGCC-8815/2020|2020-10-26|EPI_ISL_626095|Original|hCoV-19
^ Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
> Spike|hCoV-19|Denmark/DGCC-13375/2020|2020-11-30|EPI_ISL_712760|Original|hCoV-19
^ Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
> Spike|hCoV-19|England/MILK-B9475C/2020|2020-11-13|EPI_ISL_676124|Original|hCoV-19
^ England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|Denmark/DGCC-19199/2020|2020-12-07|EPI_ISL_748810|Original|hCoV-19
^ Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/QEH-B13AB6/2020|2020-11-01|EPI_ISL_641799|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>SpIke|hCoV-19/USA/TX-HMM-MCoV-15807/2020|2020-07-09|EPI_ISL_785491|Original|hCoV-19^England|Human|Hospital of Medicine|United Kingdom
>SpIke|hCoV-19/USA/CA-ALSR-1050-SAN/2020|2020-06-21|EPI_ISL_483483|Original|hCoV-19^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen
>SpIke|hCoV-19/Australia/VIC16706/2020|2020-08-06|EPI_ISL_640676|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultze|Australia
>SpIke|hCoV-19/Switzerland/BL-ETHZ-410818/2020|2020-12-14|EPI_ISL_737676|Original|hCoV-19^England|Human|Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>SpIke|hCoV-19/England/QEUH-9DD2B2/2020|2020-09-21|EPI_ISL_581100|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/England/ALDP-B738F6/2020|2020-11-12|EPI_ISL_662305|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>SpIke|hCoV-19/Spain/HC-IVB-98004337/2020|2020-03-24|EPI_ISL_654476|Original|hCoV-19^Comunitat Valenciana|Human|Servicio de Microbiología|Hospital General Universitario de Castellón|006|Spain
>SpIke|hCoV-19/USA/TX-HMM-7951/2020|2020-06-30|EPI_ISL_545734|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Long|USA
>SpIke|hCoV-19/England/ALDP-9BCAA2/2020|2020-09-09|EPI_ISL_573047|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/South Africa/KRISP-K000586/2020|2020-07-13|EPI_ISL_509242|Original|hCoV-19^KwaZulu-Natal|Human|HLS-IALCH|KRISP|de Oliveira|South Africa
>SpIke|hCoV-19/England/LIVE-9A7E8/2020|2020-03-30|EPI_ISL_449368|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>SpIke|hCoV-19/Japan/PG-3121/2020|2020-04-00|EPI_ISL_691243|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizaka|Japan
>SpIke|hCoV-19/England/ALDP-B49440/2020|2020-11-07|EPI_ISL_649350|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>SpIke|hCoV-19/Wales/PHWC-2EDE7/2020|2020-04-07|EPI_ISL_446156|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology|Cardiff|Moore|United Kingdom
>SpIke|hCoV-19/Wales/PHWC-361E0/2020|2020-04-29|EPI_ISL_474634|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>SpIke|hCoV-19/England/20144023104/2020|2020-03-28|EPI_ISL_423524|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>SpIke|hCoV-19/Wales/PHWC-16BB73/2020|2020-09-17|EPI_ISL_573910|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>SpIke|hCoV-19/Denmark/DGCC-6114/2020|2020-09-21|EPI_ISL_621148|Original|hCoV-19^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
> Spike|hCoV-19|England|ALDP-AA3DC2/2020|2020-10-22|EPI_ISL_624205|Original|hCoV-19
> Spike|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England|ALDP-A8781E/2020|2020-10-17|EPI_ISL_606273|Original|hCoV-19
> Spike|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England|BRIS-1854293/2020|2020-04-27|EPI_ISL_492396|Original|hCoV-19
> Spike|hCoV-19|England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Wales|PHWC-495CAE/2020|2020-11-26|EPI_ISL_726466|Original|hCoV-19
> Spike|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19|USA/LA-EVTL458/2020|2020-06-22|EPI_ISL_578862|Original|hCoV-19
> Spike|hCoV-19|Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
> Spike|hCoV-19|Germany|BY-MVP-0021/2020|2020-04-06|EPI_ISL_437221|Original|hCoV-19
> Spike|hCoV-19|Bayern|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany
> Spike|hCoV-19|USA/NY-NYUMC897/2020|2020-05-09|EPI_ISL_467390|Original|hCoV-19
> Spike|hCoV-19|New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
> Spike|hCoV-19|USA/WI-GMF-02274/2020|2020-05-03|EPI_ISL_436897|Original|hCoV-19
> Spike|hCoV-19|Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA
> Spike|hCoV-19|England/QEUH-9DE07B/2020|2020-09-21|EPI_ISL_599490|Original|hCoV-19
> Spike|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Guadeloupe/IPG-7331/2020|2020-03-16|EPI_ISL_613431|Original|hCoV-19
> Spike|hCoV-19|Saint-Rose|Human|Institut Pasteur de la Guadeloupe|Institut Pasteur de la Guadeloupe|Enouf|Guadeloupe
> Spike|hCoV-19|USA/MD-HP12127/2020|2020-12-29|EPI_ISL_791437|Original|hCoV-19
> Spike|hCoV-19|Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Maurano|USA
> Spike|hCoV-19|Australia/VIC4024/2020|2020-07-10|EPI_ISL_519410|Original|hCoV-19
> Spike|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19|Poland/77174/2020|2020-11-00|EPI_ISL_732892|Original|hCoV-19
> Spike|hCoV-19|Poland|Human|genXone SA|genXone SA|Kaszuba|Poland
> Spike|hCoV-19|England/CAMC-B982B1/2020|2020-11-15|EPI_ISL_674845|Original|hCoV-19
> Spike|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|England/CAMC-9057FE/2020|2020-06-24|EPI_ISL_551472|Original|hCoV-19
> Spike|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England/CAMC-A81C18/2020|2020-10-14|EPI_ISL_610681|Original|hCoV-19
> Spike|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Wales/PHWC-28530/2020|2020-03-30|EPI_ISL_432097|Original|hCoV-19
> Spike|hCoV-19|Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
> Spike|hCoV-19|USA/UA-WU-586/2020|2020-03-12|EPI_ISL_430891|Original|hCoV-19
> Spike|hCoV-19|Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
> Spike|hCoV-19/Singapore/1361/2020|2020-06-22|EPI_ISL_648712|Original|hCoV-19
> Spike|hCoV-19/Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore
> Spike|hCoV-19/England/LIVE-A2DEB/2020|2020-05-19|EPI_ISL_499915|Original|hCoV-19
> Spike|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
> Spike|hCoV-19/England/QEUH-9F9A7C/2020|2020-09-25|EPI_ISL_589064|Original|hCoV-19
> Spike|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Denmark/DCGC-5936/2020|2020-10-05|EPI_ISL_620201|Original|hCoV-19|^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelisen|Denmark
Spike|hCoV-19|Germany/NW-HHU-170/2020|2020-03-22|EPI_ISL_602492|Original|hCoV-19|^North Rhine-Westphalia|Human|Institute for Virology|Center of Medical Microbiology|Wienemann|Germany
Spike|hCoV-19|Denmark/DCGC-4920/2020|2020-09-21|EPI ISL 621458|Original|hCoV-19|^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelisen|Denmark
Spike|hCoV-19|USA/VA-DCLS-0797/2020|2020-07-07|EPI ISL 522808|Original|hCoV-19|^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
Spike|hCoV-19|USA/VA-S324/2020|2020-04-01|EPI ISL 434084|Original|hCoV-19|"Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
Spike|hCoV-19|Chile/RM-152037/2020|2020-08-14|EPI ISL 746649|Original|hCoV-19|^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile
Spike|hCoV-19|Netherlands/UT-RIVM-20602/2020|2020-12-16|EPI ISL 790685|Original|hCoV-19|^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
Spike|hCoV-19|England/MILK-B8D12B/2020|2020-11-13|EPI ISL 674041|Original|hCoV-19|^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|England/MILK-ABB477/2020|2020-10-21|EPI ISL 623351|Original|hCoV-19|^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Northern Ireland/NIRE-10526E/2020|2020-03-31|EPI ISL 472139|Original|hCoV-19|^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
Spike|hCoV-19|USA/AR-TG670095/2020|2020-05-02|EPI ISL 696317|Original|hCoV-19|^Arizona|Human|Sonora Quest Laboratories|TG Gen North|French|USA
Spike|hCoV-19|England/NORW-E72DC/2020|2020-04-19|EPI ISL 449020|Original|hCoV-19|^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
Spike|hCoV-19|England/ALDP-A87702/2020|2020-10-17|EPI ISL 606266|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK consortium|Davies|United Kingdom
Spike|hCoV-19|England/ALDP-D38B3/2020|2020-04-02|EPI ISL 441002|Original|hCoV-19|^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
Spike|hCoV-19|Canada/MB-NML-808/2020|2020-04-15|EPI ISL 582318|Original|hCoV-19|^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada
Spike|hCoV-19|United Arab Emirates/0067/2020|2020-05-19|EPI ISL 698275|Original|hCoV-19|Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
Spike|hCoV-19|United Arab Emirates/AA2385/2020|2020-10-22|EPI ISL 624448|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Singapore/933/2020|2020-03-31|EPI ISL 538465|Original|hCoV-19|^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore
Spike|hCoV-19|USA/CA-C2B-2454/2020|2020-05-22|EPI ISL 513862|Original|hCoV-19|^California|Human|San Francisco Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA
Spike|hCoV-19|USA/WA-S1425/2020|2020-05-20|EPI ISL 495875|Original|hCoV-19|^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
Consortium

Spike hCoV COVID-19

England Human Lighthouse Lab in Milton Keynes Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium Davies United Kingdom

Spike hCoV COVID-19

Center Sekizuka Japan Kanto Human Lighthouse Lab in Sagamihara City Public Health Research Institute Pathogen Genomics

Hospital Department of Pathology Ramakrishnan USA Maryland Human Johns Hopkins Hospital Department of Pathology Johns Hopkins University Hospital Department of Pathology Ramakrishnan USA

Spike hCoV COVID-19

Hospital Healthcare Ogrodzki UAE 15 EPI_ISL_698541 Original hCoV-19

Asturias Human Virology (microbiology) Virology (microbiology) Boga Spain

Wales Human Diea County Public Health Laboratory Andersen lab at Scripps Research Gangavarapu USA

Spike hCoV COVID-19

CAMC-945F36 England Human Lighthouse Lab in Cambridge Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium Davies United Kingdom

Victoria Human Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) MDU-PHL Schultz Australia

Arizona Human TGen North TGen North French USA

Spike hCoV COVID-19

Spain MD-HLP-97 Spain/MD-HLP-97 2020-05-03 EPI_ISL_530093 Original hCoV-19

Madrid Human Hospital Universitario La Paz Hospital Universitario La Paz Viedma Spain

Spike hCoV COVID-19

Denmark DCGC-8166 Denmark Human Department of Virus and Microbiological Special Diagnostics Albertsen lab Michaelson Denmark

Spike hCoV COVID-19

England SHEF-3130 England Human Virology Department COVID-19 Genomics UK (COG-UK) Consortium de Silva United Kingdom

Syddanmark Human Department of Virus and Microbiological Special Diagnostics Albertsen Lab Michaelson Denmark

Wales Human Lighthouse Lab in Milton Keynes Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium Davies United Kingdom

Asturias Human Virology (microbiology) Virology (microbiology) Boga Spain

Spike hCoV COVID-19

United Arab Emirates 0366 United Arab Emirates

India MH-NIV-5104 India Human NIV Influenza NIV Influenza Potdar India

USA MD-HP00158 USA Human Johns Hopkins Hospital Department of Pathology Johns Hopkins University Hospital Department of Pathology Ramakrishnan USA

Japan PG-0159 Japan Human Lighthouse Lab in Milton Keynes Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium Davies United Kingdom

Spike hCoV COVID-19

Tinperary Human University Hospital Limerick Irish Coronavirus Sequencing Consortium - Teagasc Moorepark Walsh Ireland

Spike hCoV COVID-19

England Human Lighthouse Lab in Glasgow Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium Davies United Kingdom

Spike hCoV COVID-19

England Human Lighthouse Lab in Milton Keynes Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium Davies United Kingdom
>Spike|hCoV-19/Croatia/Zagreb-8/2020|2020-10-04|EPI_ISL_710572|Original|hCoV-19^^Scotland|Human|University Hospital Dubrava;Ru\u0111ler Bo\u0161kovic Institute; Forensic Science Centre Ivan Vu\u010detl;University of Zagreb Faculty of Science;Karlic|Croatia

>Spik|hCoV-19/Australia/VIC4393/2020|2020-07-13|EPI_ISL_519689|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL;Schultz|Australia

>Spik|hCoV-19/Japan/PG-0968/2020|2020-04-00|EPI_ISL_684578|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center;Pathogen Genomics Center;Seikizuka|Japan

>Spik|hCoV-19/England/ALDP-9BCE2E/2020|2020-09-09|EPI_ISL_573078|Original|hCoV-19^^England|Human|Oxford Viromics;COVID-19 Genomics UK (COG-UK) Consortium;Golubchik;United Kingdom

>Spik|hCoV-19/Scotland/QEUH-958C6/2020|2020-08-09|EPI_ISL_532364|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research;Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium;Davies;United Kingdom

>Spik|hCoV-19/England/CAMC-9EC238/2020|2020-09-23|EPI_ISL_580486|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge;Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium;Davies;United Kingdom

>Spik|hCoV-19/England/NORW-EADF6/2020|2020-04-29|EPI_ISL_457379|Original|hCoV-19^^England|Human|Quadrant Institute Bioscience;COVID-19 Genomics UK (COG-UK) Consortium;Ali Khan;United Kingdom

>Spik|hCoV-19/England/LOND-DC3D7/2020|2020-10-28|EPI_ISL_651201|Original|hCoV-19^^England|Human|University College London;COVID-19 Genomics UK (COG-UK) Consortium;Roy;United Kingdom

>Spik|hCoV-19/USA/TX-HMH-MCOV-15427/2020|2020-10-22|EPI_ISL_786911|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital;Houston Methodist Hospital;Long|USA

>Spik|hCoV-19/USA/AZ-TG664258/2020|2020-04-28|EPI_ISL_696060|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories;TGen North;French|USA

>Spik|hCoV-19/Germany/BY-ChVir-W1058-5732/2020|2020-03-26|EPI_ISL_754026|Original|hCoV-19^^Bavaria|Human|Charit\u00e4tsmedizin Berlin;Charit\u00e4tsmedizin Berlin;Muehlemann;Germany

>Spik|hCoV-19/Northern Ireland/NIRE-FF7C3/2020|2020-04-23|EPI_ISL_482105|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory;Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium;Davies;United Kingdom

>Spik|hCoV-19/Canada/BC_9606204/2020|2020-03-13|EPI_ISL_418850|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory;BCCDC Public Health Laboratory;Harrigan|Canada

>Spik|hCoV-19/USA/AZ-TG547225/2020|2020-07-02|EPI_ISL_695435|Original|hCoV-19^^Arizona|Human|AZ SPHL;TGen North;French|USA

>Spik|hCoV-19/USA/TX-DSSH-0489/2020|2020-06-21|EPI_ISL_560933|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services;Texas Department of State Health Services;Rahman;USA

>Spik|hCoV-19/England/QEUH-AD4636/2020|2020-10-26|EPI_ISL_634096|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow;Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium;Davies;United Kingdom

>Spik|hCoV-19/Austria/CEMM0177/2020|2020-03-08|EPI_ISL_438020|Original|hCoV-19^^Vienna|Human|Center for Virology;Bergthaler laboratory;Bergthaler;Austria

>Spik|hCoV-19/England/QEUH-A5E555/2020|2020-10-12|EPI_ISL_597436|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow;Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium;Davies;United Kingdom

>Spik|hCoV-19/Denmark/DGCC-6790/2020|2020-10-12|EPI_ISL_619486|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics;Albersen lab;Michaelsen;Denmark

>Spik|hCoV-19/Scotland/GCVR-173BF7/2020|2020-04-07|EPI_ISL_459146|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research;Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium;Davies;United Kingdom
Spike|hCoV-19/England/CAMC-A3EB2C/2020|2020-10-06|EPI_ISL_609779|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/USA/MI-MDHHS-SC20961/2020|2020-03-26|EPI_ISL_507749|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

Spike|hCoV-19/England/MILK-B54B7A/2020|2020-11-05|EPI_ISL_657717|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Japan/PG-8224/2020|2020-08-00|EPI_ISL_687323|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

Spike|hCoV-19/USA/TX-HMH-6655/2020|2020-06-24|EPI_ISL_546150|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19/England/ALDP-9C5B2C1/2020|2020-09-10|EPI_ISL_567573|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/MILK-C0064E/2020|2020-12-02|EPI_ISL_720717|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Australia/VIC12418/2020|2020-09-13|EPI_ISL_563562|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

Spike|hCoV-19/USA/NY-NYUMC926/2020|2020-03-18|EPI_ISL_467419|Original|hCoV-19^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

Spike|hCoV-19/USA/FL-BPHL-2050/2020|2020-06-29|EPI_ISL_653203|Original|hCoV-19^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

Spike|hCoV-19/England/MILK-B560D3/2020|2020-11-05|EPI_ISL_658091|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/ALDP-503A82/2020|2020-06-25|EPI_ISL_559222|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/SHEF-CD4E5/2020|2020-11-10|EPI_ISL_680182|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) consortium|de Silva|United Kingdom

Spike|hCoV-19/Netherlands/NA_179/2020|2020-03-23|EPI_ISL_422714|Original|hCoV-19^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands

Spike|hCoV-19/Wales/PHWC-36AD6/2020|2020-05-01|EPI_ISL_474758|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom

Spike|hCoV-19/USA/TX-HMH-MCoV-9023/2020|2020-07-02|EPI_ISL_780902|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19/England/QEUH-9C93F2/2020|2020-09-09|EPI_ISL_567524|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Portugal/PT0018/2020|2020-03-10|EPI_ISL_418003|Original|hCoV-19^Portugal|Human|H Braga|Instituto Nacional de Saude (INSA)|Borges|Portugal

Spike|hCoV-19/Portugal/PT0354/2020|2020-03-18|EPI_ISL_454070|Original|hCoV-19^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

Spike|hCoV-19/England/CAMB-8474B/2020|2020-03-12|EPI_ISL_440495|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

Spike|hCoV-19/England/EXET-13F474/2020|2020-12-16|EPI_ISL_764214|Original|hCoV-19^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) consortium|Temperton|United Kingdom

Spike|hCoV-19/Australia/NSW2576/2020|2020-04-10|EPI_ISL_527061|Original|hCoV-19^New South Wales|Human|Area of Virology|Area of Virology|Yean|Australia
Spike|hCoV-19/England/OEUH-AF55C9/2020|2020-10-30|EPI_ISL_663162|Original|hCoV-19||England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/Denmark/DGCC-12400/2020|2020-11-16|EPI_ISL_682581|Original|hCoV-19||Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
Spike|hCoV-19/England/NOTT-10F8AE/2020|2020-04-05|EPI_ISL_433056|Original|hCoV-19||England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
Spike|hCoV-19/Scotland/EDB2389/2020|2020-04-22|EPI_ISL_439198|Original|hCoV-19||Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
Spike|hCoV-19/Denmark/DGCC-16233/2020|2020-11-16|EPI_ISL_714467|Original|hCoV-19||Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
Spike|hCoV-19/Australia/VIC14102/2020|2020-09-18|EPI_ISL_563967|Original|hCoV-19||Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19/USA/FL-BPHL-0387/2020|2020-04-29|EPI_ISL_489796|Original|hCoV-19||Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
Spike|hCoV-19/England/CAMC-B342A8/2020|2020-11-05|EPI_ISL_659622|Original|hCoV-19||England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/Australia/VIC12750/2020|2020-10-21|EPI_ISL_630766|Original|hCoV-19||England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/MI-UM-1003686132/2020|2020-10-29|EPI_ISL_682084|Original|hCoV-19||Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauing Lab|Valesano|USA
Spike|hCoV-19/Wales/ALDP-AA259E/2020|2020-10-22|EPI_ISL_634777|Original|hCoV-19||Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Australia/VIC12750/2020|2020-09-09|EPI_ISL_563588|Original|hCoV-19||Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19/USA/WI-UW-1404/2020|2020-09-07|EPI_ISL_536774|Original|hCoV-19||Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
Spike|hCoV-19/England/MILK-C7B8C0/2020|2020-12-15|EPI_ISL_756924|Original|hCoV-19||England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/Scotland/GCVR-173B51/2020|2020-04-07|EPI_ISL_459111|Original|hCoV-19||Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/United Arab Emirates/1022/2020|2020-06-11|EPI_ISL_699154|Original|hCoV-19||United Arab Emirates|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
Spike|hCoV-19/USA/NY-Wadsworth-70464-01/2020|2020-04-28|EPI_ISL_676887|Original|hCoV-19||New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
Spike|hCoV-19/USA/NM-NMDOH-2020126547/2020|2020-06-15|EPI_ISL_535272|Original|hCoV-19||New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA
Spike|hCoV-19/Australia/VIC15832/2020|2020-08-09|EPI_ISL_593470|Original|hCoV-19||Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Switzerland/SZ-ETHZ-410227/2020|2020-12-
14|EPI_ISL_737556|Original|hCoV-19^Schwyz|Human|Vollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spke|hCoV-19/England/MILK-9746C0/2020|2020-08-21|EPI_ISL_575890|Original|hCoV-
19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/USA/CA-QDX-2226/2020|2020-03-15|EPI_ISL_604507|Original|hCoV-
19^California|Human|Quest Diagnostics|Kagan|USA
>Spke|hCoV-19/Wales/PHWC-16B56A/2020|2020-10-02|EPI_ISL_585734|Original|hCoV-
19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spke|hCoV-19/England/ALDP-A66F5C/2020|2020-10-12|EPI_ISL_630398|Original|hCoV-
19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/England/MILK-995508/2020|2020-08-25|EPI_ISL_551614|Original|hCoV-
19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/England/CAMC-BBE65F/2020|2020-11-22|EPI_ISL_703029|Original|hCoV-
19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spke|hCoV-19/England/ALDP-63CC01/2020|2020-07-04|EPI_ISL_556250|Original|hCoV-
19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/Switzerland/VD-ETHZ-280205/2020|2020-09-
10|EPI_ISL_560523|Original|hCoV-19^Vaud|Human|Vollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spke|hCoV-19/Denmark/DGCC-21525/2020|2020-12-21|EPI_ISL_757863|Original|hCoV-
19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spke|hCoV-19/Denmark/DGCC-16139/2020|2020-11-16|EPI_ISL_714379|Original|hCoV-
19^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spke|hCoV-19/Scotland/GCVR-173043/2020|2020-04-05|EPI_ISL_524572|Original|hCoV-
19^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/Saudi Arabia/KAUST-Jeddah75/2020|2020-03-
30|EPI_ISL_437759|Original|hCoV-19^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia
>Spke|hCoV-19/England/2010807504/2020|2020-03-03|EPI_ISL_464458|Original|hCoV-
19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spke|hCoV-19/Japan/PG-1057/2020|2020-04-00|EPI_ISL_684667|Original|hCoV-
19^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Seikuzuka|Japan
>Spke|hCoV-19/Canada/NL_90/2020|2020-03-21|EPI_ISL_469232|Original|hCoV-
19^Newfoundland and Labrador|Human|Public Health Laboratory|National Microbiology Laboratory|Majer|Canada
>Spke|hCoV-19/Chile/RM-CMM-A5P533884002/2020|2020-08-
26|EPI_ISL_591534|Original|hCoV-19^Region Metropolitana de Santiago|Human|Laboratorio de Infectologia y virologia molecular|Center for Mathematical Modeling and Center for Genome Regulation. Santiago|Palma V|u00e9jojares|Chile
>Spke|hCoV-19/USA/UT-UPHLS-2012702749/2020|2020-08-13|EPI_ISL_745491|Original|hCoV-
19^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA
>Spke|hCoV-19/Australia/VIC17438/2020|2020-08-16|EPI_ISL_663379|Original|hCoV-
19^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-
PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19|England|CAMC-BD13AA|2020|2020-11-29|EPI_ISL_702028|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spine|hCoV-19|England|ALDP-522328|2020|2020-06-02|EPI_ISL_558938|Original|hCoV-19|England|Human|Lighthouse Lab in Alderney|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spine|hCoV-19|England|ALDP-A9285C|2020|2020-10-20|EPI_ISL_611203|Original|hCoV-19|England|Human|Lighthouse Lab in Alderney|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spine|hCoV-19|USA/VA-DCLS-0188|2020|2020-04-15|EPI_ISL_437404|Original|hCoV-19|Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spine|hCoV-19|England|CAMB-7A04D|2020|2020-04-02|EPI_ISL_441337|Original|hCoV-19|England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spine|hCoV-19|England|20140039204|2020|2020-03-27|EPI_ISL_420754|Original|hCoV-19|England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spine|hCoV-19|England|ALDP-9B6431|2020|2020-08-28|EPI_ISL_573005|Original|hCoV-19|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spine|hCoV-19|Ireland|KE-NVRL-73IRL29421|2020|2020-09-07|EPI_ISL_578297|Original|hCoV-19|Kildare|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spine|hCoV-19|England|Portugal/PT1731|2020|2020-08-24|EPI_ISL_693655|Original|hCoV-19|Portugal|Human|Hospital Vila Franca de Xira|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spine|hCoV-19|Ireland|n14274|2020|2020-03-20|EPI_ISL_483721|Original|hCoV-19|Kfar Saba|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spine|hCoV-19|Denmark|DCGC-21243|2020|2020-12-21|EPI_ISL_759631|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Atlantic Lab|Michaelsen|Denmark

>Spine|hCoV-19|USA/CA-CZB-3707|2020|2020-07-22|EPI_ISL_548419|Original|hCoV-19|California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spine|hCoV-19|Germany|NW-HHU-204|2020|2020-04-07|EPI_ISL_602478|Original|hCoV-19|North Rhine-Westphalia|Human|Institute for Virology|Center of Medical Microbiology|Wienemann|Germany

>Spine|hCoV-19|Denmark|DCGC-6376|2020|2020-09-28|EPI_ISL_622307|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Atlantic Lab|Michaelsen|Denmark

>Spine|hCoV-19|USA/CA-ALSR-0562|2020|2020-04-29|EPI_ISL_483224|Original|hCoV-19|California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapul|USA

>Spine|hCoV-19|Israel|CVL-n19042|2020|2020-06-05|EPI_ISL_516898|Original|hCoV-19|Tel Aviv|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spine|hCoV-19|England|ALDP-A6E613|2020|2020-10-15|EPI_ISL_607230|Original|hCoV-19|England|Human|Lighthouse Lab in Alderney|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spine|hCoV-19|USA/CA-ALSR-3604|2020|2020-06-25|EPI_ISL_636107|Original|hCoV-19|California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapul|USA

>Spine|hCoV-19|England|ALDP-B63273|2020|2020-11-08|EPI_ISL_656638|Original|hCoV-19|England|Human|Lighthouse Lab in Alderney|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spine|hCoV-19|United Arab Emirates/0568|2020|2020-05-15|EPI_ISL_698727|Original|hCoV-19|Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
COVID-19
Wales|Human|Lighthouse Lab in Milton Keynes
Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

COVID-19
England|Human|Respiratory Virus Unit|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

COVID-19
Japan|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan

COVID-19
Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

COVID-19
England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

COVID-19
England|CAMC-BDIE7C|2020-11-28|EPI_ISL_702144|Original|hCoV-19

COVID-19
England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

COVID-19
England|QEUH-B6698A|2020-11-11|EPI_ISL_654988|Original|hCoV-19

COVID-19
Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

COVID-19
Wales|PHWC-16AEEB|2020-09-13|EPI_ISL_560217|Original|hCoV-19

COVID-19
Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

COVID-19
Wales|PHWC-48B1D9|2020-10-14|EPI_ISL_666205|Original|hCoV-19

COVID-19
Austria|CreMM0971|2020-04-01|EPI_ISL_583817|Original|hCoV-19

COVID-19
Wisconsin|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria

COVID-19
Wales|PHWC-481CD2|2020-10-19|EPI_ISL_613163|Original|hCoV-19

COVID-19
Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

COVID-19
England|MILK-975C36|2020-08-21|EPI_ISL_552695|Original|hCoV-19

COVID-19
England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

COVID-19
England|QEUH-C320CD|2020-12-11|EPI_ISL_782721|Original|hCoV-19

COVID-19
England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

COVID-19
Wales|PHWC-169B8B|2020-07-29|EPI_ISL_517598|Original|hCoV-19

COVID-19
Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

COVID-19
Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

COVID-19
Russia|Sverdlovsk-82904|2020-03-25|EPI_ISL_428915|Vero|hCoV-19

COVID-19
England|MILK-A6AF1C|2020-10-09|EPI_ISL_608705|Original|hCoV-19

COVID-19
England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

COVID-19
Denmark|DCGC-10056|2020-11-09|EPI_ISL_669366|Original|hCoV-19

COVID-19
Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelelsen|Denmark

COVID-19
Wales|PHWC-99DA6B|2020-08-30|EPI_ISL_550682|Original|hCoV-19

COVID-19
Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/LIVE-9B32F/2020|2020-03-26|EPI_ISL_449434|Original|hCoV-19|^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spik|hCoV-19/Australia/VIC8814/2020|2020-07-31|EPI_ISL_565212|Original|hCoV-19|^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spik|hCoV-19/Denmark/DGCC-6803/2020|2020-10-12|EPI_ISL_619500|Original|hCoV-19|^Hovedstad|Human|Department of Virus and Microbiological Special Diagnostics|Albersen lab|Michaelsen|Denmark
>Spik|hCoV-19/South Africa/KRISP-K002682/2020|2020-08-01|EPI_ISL_535546|Original|hCoV-19|^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
>Spik|hCoV-19/USA/PA-MGEL-00397/2020|2020-06-21|EPI_ISL_682006|Original|hCoV-19|^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genomic Epidemiology Laboratory|Griffith|USA
>Spik|hCoV-19/USA/CA-QDX-2604/2020|2020-03-16|EPI_ISL_604891|Original|hCoV-19|^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spik|hCoV-19/Scotland/QEUH-A4C88E/2020|2020-10-08|EPI_ISL_596009|Original|hCoV-19|^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spik|hCoV-19/USA/CA-CZB-11572/2020|2020-07-16|EPI_ISL_625558|Original|hCoV-19|^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA
>Spik|hCoV-19/England/BRIS-126E54/2020|2020-04-09|EPI_ISL_458996|Original|hCoV-19|^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Spain/RI-IBV-98002328/2020|2020-03-24|EPI_ISL_537845|Original|hCoV-19|^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f3|\u00e0n f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f3|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
>Spik|hCoV-19/Scotland/QEUH-AD210A/2020|2020-10-27|EPI_ISL_649751|Original|hCoV-19|^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/Wales/PHWC-31D1E/2020|2020-04-12|EPI_ISL_446557|Original|hCoV-19|^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spik|hCoV-19/USA/CA-CDPH100/2020|2020-08-17|EPI_ISL_754985|Original|hCoV-19|^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA
>Spik|hCoV-19/England/QEUH-AEFA87/2020|2020-10-29|EPI_ISL_662676|Original|hCoV-19|^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/England/CAMC-BD45ED/2020|2020-11-27|EPI_ISL_702023|Original|hCoV-19|^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/South Korea/KCDC2537/2020|2020-06-19|EPI_ISL_54940|Original|hCoV-19|^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea
>Spik|hCoV-19/Australia/VIC1898/2020|2020-06-01|EPI_ISL_480645|Original|hCoV-19|^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spik|hCoV-19/England/ALDP-B73D24/2020|2020-11-12|EPI_ISL_664884|Original|hCoV-19|^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spik|hCoV-19/England/BRSTS-130561/2020|2020-04-12|EPI_ISL_492658|Original|hCoV-19|^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/ALDP-9544F9/2020|2020-06-12|EPI_ISL_553841|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England|LNLD-D5C79/2020|2020-04-18|EPI_ISL_444240|Original|hCoV-19|England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19|Denmark|DCGCC-3509/2020|2020-08-31|EPI_ISL_616298|Original|hCoV-19|Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelisen|Denmark

>Spike|hCoV-19|England|ALDP-A6CC22/2020|2020-10-14|EPI_ISL_607286|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|England|LIVE-9BCCA/2020|2020-04-20|EPI_ISL_440908|Original|hCoV-19|England|Human|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19|USA|TX-HMH-MCoV-19607/2020|2020-11-18|EPI_ISL_783977|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19|India|DL-NCCD-3230/2020|2020-04-05|EPI_ISL_436431|Original|hCoV-19|Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India

>Spike|hCoV-19|USA|CA-CZB-10290/2020|2020-09-09|EPI_ISL_583018|Original|hCoV-19|California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19|Wales|QEWH-B2DDCF/2020|2020-11-03|EPI_ISL_711000|Original|hCoV-19|Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|France|PAC-MEPHI-1756/2020|2020-09-18|EPI_ISL_644396|Original|hCoV-19|Provence-Alpes-Cote-d'Azur|Human|MEPHI|MePHI|LeVasseur|France

>Spike|hCoV-19|USA|MN-MDH-1375/2020|2020-07-09|EPI_ISL_507963|Original|hCoV-19|Minnesota|Human|Avera McKennan Laboratory|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19|USA|CA-CZB-15461/2020|2020-12-05|EPI_ISL_739258|Original|hCoV-19|California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19|England|NORW-EC741/2020|2020-05-12|EPI_ISL_457557|Original|hCoV-19|England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Ali Khan|United Kingdom

>Spike|hCoV-19|Australia|WA77/2020|2020-07-09|EPI_ISL_512730|Original|hCoV-19|Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19|England|QUEUH-19D9DB/2020|2020-09-22|EPI_ISL_599522|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|Denmark|DCGCC-19860/2020|2020-12-07|EPI_ISL_747549|Original|hCoV-19|Hovedstad|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19|USA|CA-ALS-R-4759/2020|2020-07-02|EPI_ISL_730126|Original|hCoV-19|California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19|France|ARA-76483/2020|2020-09-21|EPI_ISL_693503|Original|hCoV-19|Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bail|France

>Spike|hCoV-19|Scotland|CVR2680/2020|2020-04-17|EPI_ISL_478016|Original|hCoV-19|Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19|Australia|VIC3220/2020|2020-06-29|EPI_ISL_520905|Original|hCoV-19|Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
> Spike|hCoV-19|USA/LA-GBCL-26684474/2020|2020-04-10|EPI_ISL_485292|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA
> Spike|hCoV-19|England/CAMC-A5870A/2020|2020-10-08|EPI_ISL_596953|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England/QEUH-9C9A57/2020|2020-09-13|EPI_ISL_602036|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Australia/NSW731/2020|2020-07-27|EPI_ISL_513374|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Liverpool Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
> Spike|hCoV-19|Norway/5432/2020|2020-11-03|EPI_ISL_708092|Original|hCoV-19^^Trøms og Finnmark|Human|University Hospital of Northern Norway|Norwegian Institute of Public Health|Kopperud Riis|Norway
> Spike|hCoV-19|Kenya/C6370/2020|2020-05-14|EPI_ISL_568795|Original|hCoV-19^^Mombasa|Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya
> Spike|hCoV-19|England/NORT-29C82D/2020|2020-04-23|EPI_ISL_488140|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|USA/LA-EVTDL218/2020|2020-08-17|EPI_ISL_574352|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
> Spike|hCoV-19|South Africa/NHLS-UCT-GP-5326/2020|2020-05-04|EPI_ISL_700508|Original|hCoV-19^^Western Cape|Human|Heideveld CDC w/HGP|NHLS/UCT/Iranzadeh|South Africa
> Spike|hCoV-19|England/CAMB-1B16DE/2020|2020-05-09|EPI_ISL_458574|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|USA/MI-MDHHS-SC21748/2020|2020-08-01|EPI_ISL_529866|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
> Spike|hCoV-19|Australia/VIC4406/2020|2020-07-14|EPI_ISL_519702|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL/Shultz|Australia
> Spike|hCoV-19|France/ARA-18148/2020|2020-04-01|EPI_ISL_509016|Original|hCoV-19^^Auvergne-Rh\'\u00f4ne-Alpes|Human|Centre Hospitalier du Haut-Bugey|CNR Virus des Infections Respiratoires - France|Josset|France
> Spike|hCoV-19|England/BRIS-124982/2020|2020-03-25|EPI_ISL_443918|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
> Spike|hCoV-19|Japan/IC-0290/2020|2020-11-00|EPI_ISL_667719|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
> Spike|hCoV-19|Wales/PHWC-48C5BE/2020|2020-11-08|EPI_ISL_666445|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19|USA/MA-MASPHL-00400/2020|2020-04-25|EPI_ISL_693146|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA
> Spike|hCoV-19|England/ALDP-938BC9/2020|2020-06-21|EPI_ISL_551480|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England/ALDP-A2E831/2020|2020-10-05|EPI_ISL_586710|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Australia/VIC10548/2020|2020-07-29|EPI_ISL_562954|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL/Shultz|Australia
>Spike|hCoV-19/Wales/PHWC-48560D/2020|2020-10-21|EPI_ISL_628199|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spicke|hCoV-19/England/ALDP-9E6957/2020|2020-09-24|EPI_ISL_580518|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spicke|hCoV-19/England/QEUH-A0067D/2020|2020-09-29|EPI_ISL_600477|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spicke|hCoV-19/England/ALDP-A84D7C/2020|2020-10-17|EPI_ISL_610586|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spicke|hCoV-19/Scotland/CVR753/2020|2020-03-26|EPI_ISL_439102|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spicke|hCoV-19/Australia/N1W2566/2020|2020-04-04|EPI_ISL_527046|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Yeast|Australia

>Spicke|hCoV-19/South Korea/KDCA0438/2020|2020-10-29|EPI_ISL_760222|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spicke|hCoV-19/Scotland/CVR2817/2020|2020-04-21|EPI_ISL_448195|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spicke|hCoV-19/Belgium/region=030620/2020|2020-04-30|EPI_ISL_734687|Original|hCoV-19^^Leuven|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spicke|hCoV-19/USA/MI-MDHS-SC22062/2020|2020-04-04|EPI_ISL_462724|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spicke|hCoV-19/USA/TX-HMH-MCoV969/2020|2020-06-30|EPI_ISL_780098|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spicke|hCoV-19/England/MILK-AC8213/2020|2020-10-22|EPI_ISL_629573|Original|hCoV-19^^England|Human|Lighthouse lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spicke|hCoV-19/Wales/PHWC-485819/2020|2020-11-09|EPI_ISL_680818|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spicke|hCoV-19/USA/TX-HMH-MCoV19744/2020|2020-11-26|EPI_ISL_784089|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spicke|hCoV-19/Japan/PG-1199/2020|2020-04-00|EPI_ISL_68409|Original|hCoV-19^^Japan|Human|Yamagata Prefectural Institute of Public Health|Pathogen Genomics Center|Kazuma|Japan

>Spicke|hCoV-19/England/SHEF-10B2FDO/2020|2020-05-25|EPI_ISL_537257|Original|hCoV-19^^England|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spicke|hCoV-19/England/ALDP-BB2DFC/2020|2020-11-19|EPI_ISL_702711|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spicke|hCoV-19/England/QEUH-B41721/2020|2020-11-08|EPI_ISL_558604|Original|hCoV-19^^England|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spicke|hCoV-19/USA/TX-HMH-4276/2020|2020-06-18|EPI_ISL_543488|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spicke|hCoV-19/USA/VA-DCLS-0528/2020|2020-05-29|EPI_ISL_485830|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spicke|hCoV-19/Lithuania/MR-LUHS-Elnrnrj15/2020|2020-11-00|EPI_ISL_770536|Original|hCoV-19^^Jonavos apskritis|Human/Private lab|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spicke|hCoV-19/India/UP-NIV-32/2020|2020-00-00|EPI_ISL_547876|unknown|hCoV-19^^Uttar Pradesh|Human|Maximum Containment Laboratory|Maximum Containment Laboratory|Yadav|India
>Spike|hCoV-19/Luxembourg/LNS9465071/2020|2020-11-26|EPI_ISL_744921|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

> Spike|hCoV-19/Wales/PHWC-496690/2020|2020-11-19|EPI_ISL_726618|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Majer|Canada

> Spike|hCoV-19/England/QEUH-B10952/2020|2020-11-02|EPI ISL_642559|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/USA/CA-CZB-3885/2020|2020-07-21|EPI ISL_548578|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

> Spike|hCoV-19/USA/MI-MDHHS-SC20787/2020|2020-04-22|EPI ISL_471808|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

> Spike|hCoV-19/USA/MI-MDHHS-SC20787/2020|2020-04-22|EPI ISL_471808|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

> Spike|hCoV-19/England/ALDP-9055F4/2020|2020-06-24|EPI ISL_551417|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/Canada/ON-PHL-0743/2020|2020-03-00|EPI ISL_418346|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratories|Public Health Ontario Laboratories|Eshaghi|Canada

> Spike|hCoV-19/USA/MD-HP12143/2020|2020-12-31|EPI ISL_791452|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morris|USA

> Spike|hCoV-19/England/ALDP-9055F4/2020|2020-06-24|EPI ISL_551417|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/England/ALDP-9055F4/2020|2020-06-24|EPI ISL_551417|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/Nordjylland/10041/2020|2020-07|EPI ISL_584454|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertens Lab|Michaelsen|Denmark

> Spike|hCoV-19/Wales/PHWC-48DB15/2020|2020-11-01|EPI ISL_630728|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/Canada/MB-NML-638/2020|2020-03-23|EPI ISL_632920|Original|hCoV-19^^Manitoba|Human|Cadmah Provincial Laboratory|Cadmah Provincial Laboratory|Majer|Canada
>Spike|hCoV-19/Wales/PHWC-49E8ED/2020|2020-12-08|EPI ISL 743064|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom
>Spikes|hCoV-19/Japan/IC-0231/2020|2020-08-00|EPI ISL 667660|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spikes|hCoV-19/USA/TX-DSHS-1105/2020|2020-06-15|EPI ISL 615142|Original|hCoV-19^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spikes|hCoV-19/England/BIRM-61DE8/2020|2020-03-26|EPI ISL 529610|Original|hCoV-19^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) consortium|Loman|United Kingdom
>Spikes|hCoV-19/USA/WI-UW-2427/2020|2020-12-11|EPI ISL 754631|Original|hCoV-19^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA
>Spikes|hCoV-19/Singapore/24/2020|2020-03-04|EPI ISL 420101|Vero P1|hCoV-19^Singapore|Human|National Centre for Infectious Diseases|Programme in Emerging Infectious Diseases|Smith|Singapore
>Spikes|hCoV-19/USA/ME-HETL-J0228/2020|2020-09-25|EPI ISL 755388|Original|hCoV-19^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey lab|Tewhey|USA
>Spikes|hCoV-19/USA/TX-DSHS-0762/2020|2020-05-20|EPI ISL 584160|Original|hCoV-19^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spikes|hCoV-19/USA/LA-EVTL115/2020|2020-05-06|EPI ISL 451276|Original|hCoV-19^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kam|United States
>Spikes|hCoV-19/Japan/PG-2753/2020|2020-04-00|EPI ISL 690885|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spikes|hCoV-19/England/MILK-99E314/2020|2020-08-31|EPI ISL 550545|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/Denmark/DDC-1-11714/2020|2020-10-26|EPI ISL 671089|Original|hCoV-19^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark
>Spikes|hCoV-19/Ireland/KK-NVRL-MPQ17909/2020|2020-04-10|EPI ISL 767805|Original|hCoV-19^Kilkenny|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland
>Spikes|hCoV-19/Wales/MILK-1914FFC/2020|2020-08-25|EPI ISL 552414|Original|hCoV-19^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/Denmark/DDC-1-11626/2020|2020-11-02|EPI ISL 671034|Original|hCoV-19^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark
>Spikes|hCoV-19/Wales/PHWC-2B306/2020|2020-04-08|EPI ISL 432241|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spikes|hCoV-19/England/NORW-EA27F/2020|2020-05-14|EPI ISL 457336|Original|hCoV-19^England|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) consortium|Alikhan|United Kingdom
>Spikes|hCoV-19/England/201140055/2020|2020-03-10|EPI ISL 464708|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spikes|hCoV-19/England/QEUH-9C836C/2020|2020-09-11|EPI ISL 567237|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/Russia/StPetersburg-R118372S/2020|2020-04-22|EPI ISL 450277|Original|hCoV-19^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia
COVID-19 Genomics UK (COG-UK) consortium

> Spike|hCoV-19/England/MILK-562E76/2020|2020-06-10|EPI_ISL_558397|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/QEUH-B7C471/2020|2020-11-14|EPI_ISL_741778|Original|hCoV-19^England|Human|Oxford Virions|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
> Spike|hCoV-19/Denmark/DGCC-7892/2020|2020-10-26|EPI_ISL_618832|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
> Spike|hCoV-19/England/PORT-2EA26E/2020|2020-00-00|EPI_ISL_665479|Original|hCoV-19^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
> Spike|hCoV-19/England/20144038004/2020|2020-03-31|EPI_ISL_423541|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
> Spike|hCoV-19/Canada/ON-S1447/2020|2020-08-26|EPI_ISL_591206|Original|hCoV-19^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
> Spike|hCoV-19/USA/NV-NSPHL-A0008/2020|2020-03-14|EPI_ISL_515297|Original|hCoV-19^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA
> Spike|hCoV-19/Netherlands/Limburg_39/2020|2020-04-19|EPI_ISL_461027|Original|hCoV-19^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands
> Spike|hCoV-19/USA/AK-PHL1664/2020|2020-07-20|EPI_ISL_528496|Original|hCoV-19^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Drown|USA
> Spike|hCoV-19/USA/TX-DSHS-0038/2020|2020-05-08|EPI_ISL_517971|Original|hCoV-19^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
> Spike|hCoV-19/England/QEUH-A0CADF/2020|2020-10-01|EPI_ISL_585006|Original|hCoV-19^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
> Spike|hCoV-19/England/CAMB-1B9023/2020|2020-00-00|EPI_ISL_705506|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
> Spike|hCoV-19/Japan/PG-8401/2020|2020-08-00|EPI_ISL_687500|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
> Spike|hCoV-19/England/LIVE-A006C/2020|2020-06-07|EPI_ISL_472086|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
> Spike|hCoV-19/England/ALDP-BC7732/2020|2020-11-21|EPI_ISL_721268|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/WI-WSLH-200071/2020|2020-04-17|EPI_ISL_471236|Original|hCoV-19^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA
> Spike|hCoV-19/Australia/VIC4059/2020|2020-07-10|EPI_ISL_519441|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19/England/CAMB-1AA2A7/2020|2020-04-17|EPI_ISL_443554|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
> Spike|hCoV-19/England/LIVE-A6458/2020|2020-03-18|EPI_ISL_499516|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
> Spike|hCoV-19/England/CAMC-B78E0E/2020|2020-11-12|EPI_ISL_668081|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike\textlifeCoV-19\textlifeWales/PHWC-4A0BB2/2020|2020-12-11|EPI_ISL_743555|Original|hCoV-19\textlifeWales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom

Spike\textlifeCoV-19\textlifeFrance/OCC-SC538/2020|2020-03-28|EPI_ISL_660715|Original|hCoV-19\textlifeOccitanie|Human|CHU N\u00e0oemees|CNR Virus des Infections Respiratoires - France Sud|Bal|France

Spike\textlifeCoV-19\textlifeEngland/CAMB-76C89/2020|2020-03-30|EPI_ISL_438306|Original|hCoV-19\textlifeEngland|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

Spike\textlifeCoV-19\textlifeUSA/MI-MDHHS-SC20098/2020|2020-03-30|EPI_ISL_437185|Original|hCoV-19\textlifeMichigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

Spike\textlifeCoV-19\textlifeDenmark/DGCC-2547/2020|2020-08-17|EPI_ISL_616523|Original|hCoV-19\textlifeHovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

Spike\textlifeCoV-19\textlifeEngland/NORW-F39AB/2020|2020-10-28|EPI_ISL_637857|Original|hCoV-19\textlifeEngland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

Spike\textlifeCoV-19\textlifeUSA/NY-PV08495/2020|2020-03-18|EPI_ISL_421431|Original|hCoV-19\textlifeNew York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

Spike\textlifeCoV-19\textlifeEngland/ALDP-937B60/2020|2020-06-21|EPI_ISL_551395|Original|hCoV-19\textlifeEngland|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike\textlifeCoV-19\textlifeEngland/ALDP-B21F7A/2020|2020-11-03|EPI_ISL_647276|Original|hCoV-19\textlifeEngland|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike\textlifeCoV-19\textlifeEngland/ALDP-B52F43/2020|2020-11-09|EPI_ISL_657387|Original|hCoV-19\textlifeEngland|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike\textlifeCoV-19\textlifeUSA/NY-Wadsworth-287496-01/2020|2020-12-15|EPI_ISL_767463|Original|hCoV-19\textlifeNew York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

Spike\textlifeCoV-19\textlifeNetherlands/ZuidHolland_121/2020|2020-04-21|EPI_ISL_461294|Original|hCoV-19\textlifeZuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

Spike\textlifeCoV-19\textlifeUSA/WA-S2099/2020|2020-06-05|EPI_ISL_497527|Original|hCoV-19\textlifeWashington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

Spike\textlifeCoV-19\textlifeNetherlands/NoordHolland_10008/2020|2020-03-06|EPI_ISL_454757|Original|hCoV-19\textlifeUtrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

Spike\textlifeCoV-19\textlifeEngland/MILK-9F2202/2020|2020-09-24|EPI_ISL_589166|Original|hCoV-19\textlifeEngland|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike\textlifeCoV-19\textlifeNetherlands/GE-RIVM-21013/2020|2020-12-23|EPI_ISL_791030|Original|hCoV-19\textlifeGelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

Spike\textlifeCoV-19\textlifeEngland/SHEF-CD782/2020|2020-10-08|EPI_ISL_596214|Original|hCoV-19\textlifeEngland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/England/CAMC-A823D6/2020|2020-10-10|EPI_ISL_610796|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-9CC1C8/2020|2020-09-16|EPI_ISL_572940|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/England/CAMC-A64B69/2020|2020-10-11|EPI_ISL_608645|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/UT-UPHL-2008994/2020|2020-05-12|EPI_ISL_525307|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/United Arab Emirates/skmc-3358771/2020|2020-09-03|EPI_ISL_582659|Original|hCoV-19^^United Arab Emirates|Human|Sheikh Khalifa Medical City|Molecular/Surveillance lab\nSheikh Khalifa Medical City|Amirtharaj|United Arab Emirates
>Spike|hCoV-19/South Africa/KRISP-K002190/2020|2020-07-14|EPI_ISL_515589|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
>Spike|hCoV-19/England/NORW-E9841/2020|2020-04-23|EPI_ISL_448338|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/USA/AZ-TG640888/2020|2020-04-13|EPI_ISL_695809|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA
>Spike|hCoV-19/England/CAMC-B33740/2020|2020-11-05|EPI_ISL_659110|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WI-UK-2580/2021|2021-01-04|EPI_ISL_791098|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA
>Spike|hCoV-19/England/BIRM-605E1/2020|2020-05-28|EPI_ISL_477735|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom
>Spike|hCoV-19/USA/MA-MGH-00679/2020|2020-03-22|EPI_ISL_460465|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA
>Spike|hCoV-19/England/201360300/2020|2020-03-25|EPI_ISL_421779|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/England/ALDP-A87ADC/2020|2020-10-17|EPI_ISL_606222|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMB-1B1252/2020|2020-05-05|EPI_ISL_459195|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC14316/2020|2020-08-04|EPI_ISL_592448|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Denmark/DGCC-12275/2020|2020-11-16|EPI_ISL_682456|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelson|Denmark
>Spike|hCoV-19/England/BRS-12B095/2020|2020-05-04|EPI_ISL_469814|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMC-A82DAB/2020|2020-10-14|EPI_ISL_610824|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/South Africa/KRISP-0174/2020|2020-06-04|EPI_ISL_467524|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
>Spike|hCoV-19/Scotland/EDB9489/2020|2020-10-19|EPI_ISL_652062|Original|hCoV-19^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
>Spike|hCoV-19/Wales/PHWC-36423/2020|2020-04-30|EPI_ISL_474665|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Mccoy|United Kingdom
>Spike|hCoV-19/Netherlands/NA_444/2020|2020-04-11|EPI_ISL_455246|Original|hCoV-19^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands
>Spike|hCoV-19/England/LIVE-9AB55/2020|2020-04-01|EPI_ISL_449384|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-7161/2020|2020-06-29|EPI_ISL_546557|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/DCGC-4813/2020|2020-09-21|EPI_ISL_621423|Original|hCoV-19^Midjtfjelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsens lab|Michaelisen|Denmark
>Spike|hCoV-19/United Arab Emirates/L3290224549/2020|2020-05-18|EPI_ISL_520690|Original|hCoV-19^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramaswamy|United Arab Emirates
>Spike|hCoV-19/Scotland/EDB4152/2020|2020-04-17|EPI_ISL_456923|Original|hCoV-19^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/England/MILK-9E1DE7/2020|2020-09-20|EPI_ISL_581233|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Mexico/CMX-InDRE-01/2020|2020-02-27|EPI_ISL_412972|Original|hCoV-19^Mexico City|Human|Instituto Nacional de Enfermedades Respiratorias|Instituto de Diagnostico y Referencia Epidemiologicos (INDR-E)|Ernesto Ramirez-Gonzalez|Mexico
>Spike|hCoV-19/Denmark/DGCC-3812/2020|2020-08-31|EPI_ISL_622693|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsens lab|Michaelisen|Denmark
>Spike|hCoV-19/England/ALDP-9519C0/2020|2020-06-10|EPI_ISL_555313|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WA-UW-22827/2020|2020-08-05|EPI_ISL_570721|Original|hCoV-19^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/USA/WY-WPHL-20171476/2020|2020-12-28|EPI_ISL_770444|Original|hCoV-19^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA
>Spike|hCoV-19/England/205180033/2020|2020-12-17|EPI_ISL_766448|Original|hCoV-19^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spike|hCoV-19/India/MH-NIV-216500/2020|2020-09-18|EPI_ISL_577660|Original|hCoV-19^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India
>Spike|hCoV-19/India/CA-ALSR-2674/2020|2020-07-10|EPI_ISL_635623|Original|hCoV-19^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/Russia/StPetersburg-RII8289S/2020|2020-04-21|EPI_ISL_450269|Original|hCoV-19^Saint Petersburg|Human|WHO National Influenza
Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia
> Spike|hCoV-19/Australia/VIC990/2020|2020-03-31|EPI_ISL_430556|Original|hCoV-19^£Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
> Spike|hCoV-19/Australia/SAP126/2020|2020-03-21|EPI_ISL_451135|Original|hCoV-19^£South Australia|Human|SA Pathology|SA Pathology|Leong|Australia
> Spike|hCoV-19/USA/WA-S1167/2020|2020-05-05|EPI_ISL_463657|Original|hCoV-19^£Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
> Spike|hCoV-19/Japan/PG-8624/2020|2020-09-00|EPI_ISL_686220|Original|hCoV-19^£Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
> Spike|hCoV-19/Wales/PHWC-16EFB7/2020|2020-09-30|EPI_ISL_585895|Original|hCoV-19^£Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/England/MILK-99A1E/2020|2020-08-30|EPI_ISL_550303|Original|hCoV-19^£England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Germany/BY-IMB04242/2020|2020-04-15|EPI_ISL_732555|Original|hCoV-19^£Bavaria|Human|Bundeswehr Institute of Microbiology|Bundeswehr Institute of Microbiology|Antwerp|Germany
> Spike|hCoV-19/Israel/CVL-n3638/2020|2020-03-10|EPI_ISL_649063|Original|hCoV-19^£Israel|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel
> Spike|hCoV-19/England/ALDP-B1B492/2020|2020-11-01|EPI_ISL_645555|Original|hCoV-19^£England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/MN-MDH-2242/2020|2020-12-22|EPI_ISL_770816|Original|hCoV-19^£Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA
> Spike|hCoV-19/Netherlands/NB-RIVM-20278/2020|2020-11-24|EPI_ISL_723418|Original|hCoV-19^£Noord-Brabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
> Spike|hCoV-19/England/BRIS-12C4C5/2020|2020-05-07|EPI_ISL_469479|Original|hCoV-19^£England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/QEUH-998699/2020|2020-08-22|EPI_ISL_540112|Original|hCoV-19^£England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/MLIK-A7AADC/2020|2020-10-15|EPI_ISL_606445|Original|hCoV-19^£England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/ALDP-A6F120/2020|2020-10-14|EPI_ISL_607719|Original|hCoV-19^£England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Luxembourg/LNS6906942/2020|2020-12-18|EPI_ISL_744483|Original|hCoV-19^£Luxembourg|Human|Laboratoire national de santé|Laboratoire national de santé|Wienecke-Baldacchino|Luxembourg
> Spike|hCoV-19/Denmark/DGCC-16463/2020|2020-11-16|EPI_ISL_714781|Original|hCoV-19^£Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelelsen|Denmark
> Spike|hCoV-19/USA/MI-MDHHS-SC21975/2020|2020-08-25|EPI_ISL_566026|Original|hCoV-19^£Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
> Spike|hCoV-19/Japan/NGY-NNH-025/2020|2020-04-07|EPI_ISL_636992|Original|hCoV-19^£Aichi|Human|Department of Infectious Diseases and Immunology|Clinical Research Center|Iwatani|Japan
Kingdom

Wales
Human
Originating lab
COVID-19
Spike
hCoV
England
Human
Lighthouse Lab in Milton Keynes
Wellcome Sanger Institute for the
Scrip
California
Human
San Diego County Public Health Laboratory
Andersen lab at
LAU
Koweyes
Lebanon
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Spike
hCoV
19
Laboratories
University of Wisconsin
Wisconsin
Human
University of Wisconsin
Sydney
Gall
Australia
Clinical Pathology and Medical Research; Westmead Hospital; University of South Wales
Human
Austech Medical Laboratories
NSW Health Pathology

England
Human
Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust
COVID-19 Genomics UK (COG-UK) Consortium
Northumbria University / South Tees Hospitals NHS Foundation Trust

England
Human
Department of Pathology
COVID-19 Genomics UK (COG-UK)

England
Human
Department of Pathology
COVID-19 Genomics UK (COG-UK)

England
Human
Department of Virus and Microbiological Special Diagnostics
Albertens Lab
Michaelisen
Denmark

England
Human
Lighthouse Lab in Alderley Park
Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) Consortium

England
Human
Mayo Clinic Laboratories
University of Washington Virology Lab
Roychoudhury
USA

England
Human
Northumbria University / South Tees Hospitals NHS Foundation Trust

England
Human
Northumbria University / South Tees Hospitals NHS Foundation Trust

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Human
Northumbria University / South Tees Hospitals NHS Foundation Trust

England
Human
Northumbria University / South Tees Hospitals NHS Foundation Trust

Australia
NSW
Human
Austech Medical Laboratories
NSW Health Pathology – Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney
Gall
Australia

USA
WI
Human
University of Wisconsin-Madison AIDS Vaccine Research Laboratories
University of Wisconsin-Madison AIDS Vaccine Research Laboratories
Baczenas
USA

Lebanon
Human
MoPH (Lebanese ministry of public health)
Microbial Genomics lab
LAU
Koweyes
Lebanon

USA
CA
Human
San Diego County Public Health Laboratory
Andersen lab at Scripps Research
Gangavarapu
USA

England
Human
Lighthouse Lab in Milton Keynes
Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium

Wales
PHWC-168EED
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USA
Michigan
Human
Michigan Department of Health and Human Services

USA
Michigan
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Michigan Department of Health and Human Services

USA
Ontario
Human
Public Health Ontario Laboratory

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Department of Health and Human Services

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Department of Health and Human Services
Spike|hCoV-19|Canada/BC_02077392/2020|2020-04-05|EPI_ISL_466714|Original|hCoV-19
^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

Spike|hCoV-19|England/CAIMB-1BD9E8/2020|2020-12-08|EPI_ISL_740993|Original|hCoV-19
^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

Spike|hCoV-19|Wales/PHWC-4A4644/2020|2020-12-16|EPI_ISL_764717|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19|France/ARA-121597/2020|2020-12-18|EPI_ISL_745334|Original|hCoV-19
^Auvergne-Rhône-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

Spike|hCoV-19|Mexico/BCN-ALSR-19077/2020|2020-05-22|EPI_ISL_635490|Original|hCoV-19
^Baja California|Human|Centro de Diagnóstico|221a|2265stico COVID-19 UABC
Tijuana|Andersen lab at Scripps Research|Gangavarapu|Mexico

Spike|hCoV-19|England/CAMC-B3481F/2020|2020-11-06|EPI_ISL_659699|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19|Scotland/QEUH-AD0254/2020|2020-10-26|EPI_ISL_649768|Original|hCoV-19
^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19|USA/OR-OHSU-0636/2020|2020-06-13|EPI_ISL_525861|Original|hCoV-19
^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Ginkgo Bioworks Clinical Laboratory|O'Roak|USA

Spike|hCoV-19|Northern Ireland/NIRE-106C14/2020|2020-05-18|EPI_ISL_501000|Original|hCoV-19
^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19|Jordan/SEARCH-5454/2020|2020-09-14|EPI_ISL_755125|Original|hCoV-19
^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

Spike|hCoV-19|USA/NY-Wadsworth-292296-01/2020|2020-12-03|EPI_ISL_767647|Original|hCoV-19
^New York|Human|MEMORIAL SLOAN KETTERING CANCER CENTER|Wadsworth Center|Lasek-Nesselquist|USA

Spike|hCoV-19|Japan/PG-0612/2020|2020-04-00|EPI_ISL_684222|Original|hCoV-19
^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

Spike|hCoV-19|USA/FL-BPHL-0413/2020|2020-05-14|EPI_ISL_489822|Original|hCoV-19
^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

Spike|hCoV-19|England/C200046030/2020|2020-11-11|EPI_ISL_664098|Original|hCoV-19
^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

Spike|hCoV-19|Scotland/QEUH-A02B9A/2020|2020-10-01|EPI_ISL_585594|Original|hCoV-19
^Scotland|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Ali Khan|United Kingdom

Spike|hCoV-19|England/SHEF-D321F/2020|2020-05-10|EPI_ISL_479283|Original|hCoV-19
^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

Spike|hCoV-19|England/CAIMB-BBC31E/2020|2020-11-22|EPI_ISL_705591|Original|hCoV-19
^England|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Ali Khan|United Kingdom

Spike|hCoV-19|Germany/NW-HHU-18/2020|2020-03-13|EPI_ISL_417463|Original|hCoV-19
^North Rhine-Westphalia|Human|Center of Medical Microbiology|Center of Medical Microbiology|Wienemann|Germany

Spike|hCoV-19|England/QEUH-9B843F/2020|2020-09-07|EPI_ISL_549567|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/TAS99/2020|2020-03-24|EPI_ISL_522769|Original|hCoV-19^^Australia|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-8366/2020|2020-10-26|EPI_ISL_617345|Original|hCoV-19^^England|Human|Department of Virus and Microbiological Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MN-MDH-2091/2020|2020-10-28|EPI_ISL_683720|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Colombia/VAC-GV1-93366/2020|2020-04-01|EPI_ISL_447774|Original|hCoV-19^^Valle del Cauca|Human|Instituto Nacional de Salud|Grupo de Investigaciones Microbiol\u00f3|003|GIMUR|Ram\u00edrez|Colombia

>Spike|hCoV-19/Luxembourg/LNS0936084/2020|2020-10-24|EPI_ISL_739860|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Spain/MD-IBV-99008732/2020|2020-10-16|EPI_ISL_654255|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1|00f1|00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-13417/2020|2020-11-30|EPI_ISL_712787|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Peru/LIM-INS-033/2020|2020-04-13|EPI_ISL_491458|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorio. Instituto Nacional de Salud Per\u00f9|Laboratorio de Referencia Nacional de Biotecnolog\u00eda|00eda Molecular. Instituto Nacional de Salud Per\u00f9|Padilla Rojas|Peru

>Spike|hCoV-19/South Africa/KRISP-026/2020|2020-06-11|EPI_ISL_482719|Original|hCoV-19^^KwaZulu-Natal|Human|Molecular Diagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Ireland/CO-NVRL-78IRL75153/2020|2020-11-23|EPI_ISL_752574|Original|hCoV-19^^Cork|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/TX-HMH-MCOV-14970/2020|2020-10-15|EPI_ISL_786454|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Singapore/6/2020|2020-02-09|EPI_ISL_410537|Vero P1|hCoV-19^^Singapore|Human|Singapore General Hospital|Programme in Emerging Infectious Diseases|Smith|Singapore

>Spike|hCoV-19/USA/UT-UPHL-2012038375/2020|2020-08-17|EPI_ISL_746191|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/TX-HMH-MCOV-18310/2020|2020-11-17|EPI_ISL_784658|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-9B1E9/2020|2020-03-25|EPI_ISL_449418|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Scotland/CVR2058/2020|2020-04-09|EPI_ISL_490657|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/NY-FV09029/2020|2020-03-21|EPI_ISL_421600|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/England/ALDP-A6CFDE/2020|2020-10-14|EPI_ISL_608284|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-F006D/2020|2020-10-09|EPI_ISL_595175|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/MLIK-B3D649/2020|2020-11-01|EPI_ISL_706231|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19|Germany/BE-ChVir-W1055-8157/2020|2020-03-30|EPI_ISL_753927|Original|hCoV-19^^|Berlin|Human|Charit\u00e9|Germany
Univsir\u00e9\u00e9tsmedizin Berlin|Charit\u00e9|Universit\u00e9\u00e9tsmedizin Berlin|Muehlemann|Germany

>Spke|hCoV-19|Australia/NW1182/2020|2020-10-22|EPI_ISL_667785|Original|hCoV-19^^|New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spke|hCoV-19|USA/UT-UPHL-2009470/2020|2020-07-18|EPI_ISL_605156|Original|hCoV-19^^|Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spke|hCoV-19|Portugal/PT0159/2020|2020-03-27|EPI_ISL_453875|Original|hCoV-19^^|Portugal|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spke|hCoV-19|Japan/PG-4045/2020|2020-07-00|EPI_ISL_692286|Original|hCoV-19^^|Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spke|hCoV-19|USA/LA-CDC-1291/2020|2020-06-12|EPI_ISL_535332|Vero P1|hCoV-19^^|Louisiana|Human|LA Office of Public Health Laboratories|Pathogen Discovery|Queen|USA

>Spke|hCoV-19|USA/CA-CHLA-PLM39513740/2020|2020-12-02|EPI_ISL_753575|Original|hCoV-19^^|California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Diem Bard|USA

>Spke|hCoV-19|England/LIVE-A5B84/2020|2020-03-17|EPI_ISL_499594|Original|hCoV-19^^|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spke|hCoV-19|England/OXON-B49B5/2020|2020-04-23|EPI_ISL_534984|Original|hCoV-19^^|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spke|hCoV-19|England/QEUH-AF47A6/2020|2020-10-30|EPI_ISL_662827|Original|hCoV-19^^|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spke|hCoV-19|England/20149014504/2020|2020-04-03|EPI_ISL_466159|Original|hCoV-19^^|England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spke|hCoV-19|Wales/PHWC-32296/2020|2020-04-08|EPI_ISL_446626|Original|hCoV-19^^|Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardif|Moore|United Kingdom

>Spke|hCoV-19|England/NORW-F1433/2020|2020-00-00|EPI_ISL_595228|Original|hCoV-19^^|England|Human|Quadrum Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spke|hCoV-19|Wuhan/WH2-168/2020|2020-02-11|EPI_ISL_454934|Original|hCoV-19^^|Hubei|Human|Wuhan Forward Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spke|hCoV-19|United Arab Emirates/0803/2020|2020-05-19|EPI_ISL_698942|Original|hCoV-19^^|Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spke|hCoV-19|Norway/6692/2020|2020-11-11|EPI_ISL_775512|Original|hCoV-19^^|Oslo|Human|Norwegian Institute of Public Health|Norwegian Institute of Public Health|Vollan|Norway

>Spke|hCoV-19|England/ALDP-BB280A/2020|2020-11-20|EPI_ISL_703221|Original|hCoV-19^^|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spke|hCoV-19|Australia/VIC9251/2020|2020-08-11|EPI_ISL_565466|Original|hCoV-19^^|Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-Phl|Schultz|Australia

>Spke|hCoV-19|Wales/PHWC-4902FC/2020|2020-09-23|EPI_ISL_706469|Original|hCoV-19^^|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spke|hCoV-19|USA/IA-CDC-2-3714295/2020|2020-11-29|EPI_ISL_751779|Original|hCoV-19^^|Iowa|Human|IA State Hygienic Laboratory|Genomics and Discovery|Queen|USA
> Spike|hCoV-19/England/NOTT-11D49A/2020|2020-11-22|EPI_ISL_665931|Original|hCoV-19 | England| Human| Queens Medical Centre| COVID-19 Genomics UK (COG-UK) Consortium| Loose| United Kingdom
> Spike|hCoV-19/USA/MN-MDH-2070/2020|2020-11-02|EPI_ISL_683699|Original|hCoV-19 | Minnesota| Human| Essentia Health-St. Mary's Medical Center| Minnesota Department of Health| Garfin| USA
> Spike|hCoV-19/England/QEUH-9DDD57/2020|2020-09-21|EPI_ISL_599749|Original|hCoV-19 | England| Human| Lighthouse Lab in Glasgow| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom
> Spike|hCoV-19/England/Lighthouse Lab in Milton Keynes|2020-09-20|EPI_ISL_580929|Original|hCoV-19 | England| Human| Lighthouse Lab in Milton Keynes| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom
> Spike|hCoV-19/Wales/Lighthouse Lab in Alderley Park|2020-09-12|EPI_ISL_602040|Original|hCoV-19 | Wales| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom
> Spike|hCoV-19/England/QEUH-9CA6AD/2020|2020-09-12|EPI_ISL_602040|Original|hCoV-19 | England| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom
> Spike|hCoV-19/Sweden/20-06459/2020|2020-03-25|EPI_ISL_445224|Original|hCoV-19 | Sweden| Human| Narhalsan Olskroken VC| The Public Health Agency of Sweden| Svartstr|\00f6m| Sweden
> Spike|hCoV-19/Wales/PHWC-4A33E4/2020|2020-12-14|EPI_ISL_744097|Original|hCoV-19 | Wales| Human| Wales Specialist Virology Centre Sequencing lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom
> Spike|hCoV-19/England/ALDP-B1ACAA/2020|2020-11-01|EPI_ISL_646011|Original|hCoV-19 | England| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom
> Spike|hCoV-19/England/ALDP-BCA113/2020|2020-11-23|EPI_ISL_703276|Original|hCoV-19 | England| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom
> Spike|hCoV-19/England/QEUH-B808AB/2020|2020-11-14|EPI_ISL_674773|Original|hCoV-19 | England| Human| Lighthouse Lab in Glasgow| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom
> Spike|hCoV-19/Wales/PHWC-4A33E4/2020|2020-09-20|EPI_ISL_580929|Original|hCoV-19 | Wales| Human| Lighthouse Lab in Milton Keynes| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom
> Spike|hCoV-19/Japan/PG-7532/2020|2020-08-00|EPI_ISL_686634|Original|hCoV-19 | Japan| Human| Pathogen Genomics Center| Pathogen Genomics Center| Sekizuka| Japan
> Spike|hCoV-19/Japan/PG-8469/2020|2020-06-00|EPI_ISL_687568|Original|hCoV-19 | Japan| Human| Pathogen Genomics Center| Pathogen Genomics Center| Sekizuka| Japan
> Spike|hCoV-19/Switzerland/BE-ETHZ-360300/2020|2020-11-06|EPI_ISL_729222|Original|hCoV-19 | Bern| Human| Viollier AG| Department of Biosystems Science and Engineering| Nadeau| Switzerland
> Spike|hCoV-19/Denmark/DCGC-6276/2020|2020-10-05|EPI_ISL_620036|Original|hCoV-19 | Hovedstaden| Human| Department of Virus and Microbiological Special Diagnostics| Albertsen lab| Michaelsen| Denmark
> Spike|hCoV-19/Wales/PHWC-1601BF/2020|2020-05-15|EPI_ISL_472904|Original|hCoV-19 | Wales| Human| Wales Specialist Virology Centre Sequencing lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom
> Spike|hCoV-19/England/QEUH-962AC9/2020|2020-08-10|EPI_ISL_531671|Original|hCoV-19 | England| Human| Lighthouse Lab in Glasgow| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom
> Spike|hCoV-19/USA/LA-GBCL-2654506/2020|2020-04-27|EPI_ISL_485104|Original|hCoV-19 | Louisiana| Human| River Road Testing Lab| Ginkgo Bioworks Clinical Laboratory| Smith| USA
Consortium
Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing

Luxembourg|Human|Laboratoire national de santé

Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/LIVE-A9081/2020|2020-03-25|EPI_ISL_517255|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spik|hCoV-19|USA/TX-DSHS-2012/2020|2020-11-17|EPI_ISL_766742|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spik|hCoV-19|England/QEUH-BOE447/2020|2020-11-02|EPI_ISL_642146|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19|USA/VA-DCLS-0928/2020|2020-05-22|EPI_ISL_522796|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spik|hCoV-19|England/MILK-AB50FE/2020|2020-10-22|EPI_ISL_623525|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19|England/EXET-1386B1/2020|2020-10-06|EPI_ISL_626668|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spik|hCoV-19|England/QEUH-BCB9B0/2020|2020-11-27|EPI_ISL_704191|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19|Wales/PHWC-47C9F5/2020|2020-09-30|EPI_ISL_586078|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik|hCoV-19|England/ALDP-B271E7/2020|2020-11-04|EPI_ISL_664121|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spik|hCoV-19|England/CAMC-B98FF6/2020|2020-11-15|EPI_ISL_673271|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19|England/ALDP-B271E7/2020|2020-11-04|EPI_ISL_664121|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spik|hCoV-19|England/CAMC-B78CD7/2020|2020-11-12|EPI_ISL_668112|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19|Denmark/DGCC-15485/2020|2020-11-23|EPI_ISL_713424|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spik|hCoV-19|Denmark/DGCC-8613/2020|2020-10-26|EPI_ISL_625738|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spik|hCoV-19|Czech Republic/NRL_9429/2020|2020-09-29|EPI_ISL_626588|Original|hCoV-19^^Czech Republic|Human|The National Institute of Public Health|State Veterinary Institute Prague|Nagy|Czech Republic
>Spik|hCoV-19|USA/TX-HMH-6927/2020|2020-06-27|EPI_ISL_546358|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19|Australia/VIC5215/2020|2020-07-16|EPI_ISL_519980|Original|hCoV-19^^Australia|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spik|hCoV-19|Spain/EX-IBV-005005/2020|2020-03-13|EPI_ISL_510314|Original|hCoV-19^^Spain|Human|Hospital San Pedro de Alc\'\u00f3neta (C\'u00e9lceros)|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
>Spik|hCoV-19|Australia/VIC17010/2020|2020-00-00|EPI_ISL_663685|Original|hCoV-19^^Australia|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

**COVID-19 Genomics UK (COG-UK) Consortium**

- Spike|hCoV-19|Spain/EX-IBV-005005/2020|2020-03-13|EPI_ISL_510314|Original|hCoV-19^^Spain|Human|Hospital San Pedro de Alc\'\u00f3neta (C\'u00e9lceros)|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
- Spike|hCoV-19|Australia/VIC17010/2020|2020-00-00|EPI_ISL_663685|Original|hCoV-19^^Australia|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

**Prague**

- Spike|hCoV-19|Czech Republic/NRL_9429/2020|2020-09-29|EPI_ISL_626588|Original|hCoV-19^^Czech Republic|Human|The National Institute of Public Health|State Veterinary Institute Prague|Nagy|Czech Republic

**Long**

- Spike|hCoV-19|Texas/USA/5215/2020|2020-07-16|EPI_ISL_519980|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/QEUH-B3FFC4/2020|2020-11-08|EPI ISL_657098|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spoke|hCoV-19/England/MILK-840B47/2020|2020-07-16|EPI ISL_557177|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19/Japan/PG-1438/2020|2020-04-00|EPI ISL_685045|Original|hCoV-19^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spoke|hCoV-19/USA/UT-UPHL-2012993930/2020|2020-11-28|EPI ISL_747003|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA
>Spoke|hCoV-19/USA/TX-HMH-MCoV-12563/2020|2020-09-30|EPI ISL_790393|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spoke|hCoV-19/Italy/LAZ-INMI-31/2020|2020-06-06|EPI ISL_603138|Original|hCoV-19^Lazio|Human|INMI Lazzaro Spallanzani IRCCS|INMI Lazzaro Spallanzani IRCCS|Gruber|Italy
>Spoke|hCoV-19/Wales/ALDP-BE95F4/2020|2020-12-02|EPI ISL_710616|Original|hCoV-19^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spoke|hCoV-19/England/LIVE-9C42B/2020|2020-03-31|EPI ISL_449536|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spoke|hCoV-19/France/PAC-IHU-0930/2020|2020-06-08|EPI ISL_568995|Original|hCoV-19^Provence-Alpes-C\u00e9\u00e9|Human|MEPHI|MEPHI|Levasseur|France
>Spoke|hCoV-19/Belgium/ULG-10210/2020|2020-06-05|EPI ISL_484699|Original|hCoV-19^Belgium|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
>Spoke|hCoV-19/Portugal/PT1866/2020|2020-11-12|EPI ISL_732085|Original|hCoV-19^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal
>Spoke|hCoV-19/Belgium/rega-0803741/2020|2020-08-04|EPI ISL_734892|Original|hCoV-19^Heist-op-den-Berg|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Spoke|hCoV-19/England/BRIS-123103/2020|2020-04-05|EPI ISL_442719|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spoke|hCoV-19/Brazil/SP-159/2020|2020-04-16|EPI ISL_515563|Original|hCoV-19^S\u00e3o Paulo|Human|Hospital Municipal Dr. Jose Soares Hungria|Instituto Adolfo Lutz|Sacchi|Brazil
>Spoke|hCoV-19/Canada/QC-LSPQ-L00213312/2020|2020-03-01|EPI ISL_535719|Original|hCoV-19^Quebec|Human|H\u00e8\u00e9\u00f9pital g\u00e9n\u00e9ral Juif|Laboratoire de sant\u00e9\u00e9|Pulque du Qu\u00e9bec|Moreira|Canada
>Spoke|hCoV-19/England/201380001/2020|2020-03-21|EPI ISL_421793|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spoke|hCoV-19/England/QEUH-B31C61/2020|2020-11-04|EPI ISL_646288|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spoke|hCoV-19/England/ALDP-A877D5/2020|2020-10-17|EPI ISL_605992|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19/Japan/PG-2307/2020|2020-05-00|EPI ISL_685912|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spoke|hCoV-19/Japan/PG-8013/2020|2020-08-00|EPI ISL_687114|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spoke|hCoV-19/England/MILK-9A90E2/2020|2020-08-31|EPI ISL_551037|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19/USA/TX-HMH-795/2020|2020-04-07|EPI ISL_545732|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
| Country          | Region | Location Details                                                                 | Date     | Accession   | Type   |
|------------------|--------|----------------------------------------------------------------------------------|----------|-------------|--------|
| Japan            |        | Human; Pathogen Genomics Center; Pathogen Genomics Center; Sekizuka; Japan         | 2020-07-04 | EPI_ISL_688572 | Original |
| Denmark          |        | Human; Department of Virus and Microbiological Special Diagnostics; Albertsen lab; Michaelisen; Denmark | 2020-06-15 | EPI_ISL_618106 | Original |
| England          |        | Human; Department of Pathology; Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium; Roy; United Kingdom | 2020-04-06 | EPI_ISL_442816 | Original |
| Belgium          |        | Human; UZ Leuven; KU Leuven; Maes; Belgium                                       | 2020-04-04 | EPI_ISL_591317 | Original |
| Iran             |        | Human; Virology; Virology; Ranjar; Iran                                         | 2020-03-17 | EPI_ISL_418183 | Original |
| Hungary          |        | Human; Virological Research Group; Bioinformatics Research Group; Herczeg; Hungary | 2020-03-10 | EPI_ISL_565970 | Original |
| Australia        |        | Human; Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL); MDU-PHL; Schultz; Australia | 2020-03-24 | EPI_ISL_454343 | Original |
| Portugal         |        | Human; unknown; Instituto Nacional de Saude (INSA); Borges; Portugal              | 2020-04-12 | EPI_ISL_647087 | Original |
| Equatorial Guinea|        | Human; Lighthouse Lab in Glasgow; Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium; Davies; United Kingdom | 2020-11-03 | EPI_ISL_655950 | Original |
| Bioko Norte      |        | Human; Laboratorio de Investigaciones de Baney; University Hospital Basel; Hosch; Equatorial Guinea | 2020-06-09 | EPI_ISL_649158 | Original |
| England          |        | Human; Lighthouse Lab in Alderley Park; Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium; Davies; United Kingdom | 2020-03-24 | EPI_ISL_454343 | Original |
| England          |        | Human; Lighthouse Lab in Alderley Park; Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium; Davies; United Kingdom | 2020-09-10 | EPI_ISL_568191 | Original |
| Denmark          |        | Human; Lighthouse Lab in Alderley Park; Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium; Davies; United Kingdom | 2020-09-10 | EPI_ISL_568191 | Original |
| Denmark          |        | Human; Department of Virus and Microbiological Special Diagnostics; Albertsen lab; Kirkegaard; Denmark | 2020-03-24 | EPI_ISL_454343 | Original |
| Australia        |        | Human; Sydney South West Pathology Service (SSWPS) - Liverpool Hospital - NSW Health Pathology; NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney; Gall; Australia | 2020-07-07 | EPI_ISL_513328 | Original |
| England          |        | Human; Lighthouse Lab in Alderley Park; Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium; Davies; United Kingdom | 2020-06-30 | EPI_ISL_545661 | Original |
| Texas            |        | Human; Houston Methodist Hospital; Houston Methodist Hospital; Long; USA           | 2020-12-18 | EPI_ISL_761860 | Original |
| England          |        | Human; Lighthouse Lab in Alderley Park; Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium; Davies; United Kingdom | 2020-10-26 | EPI_ISL_626201 | Original |
| Denmark          |        | Human; Department of Virus and Microbiological Special Diagnostics; Albertsen lab; Michaelisen; Denmark | 2020-05-09 | EPI_ISL_734720 | Original |
>Spike|hCoV-19/England/ALDP-C3AE25/2020|2020-12-07|EPI_ISL_730724|Original|hCoV-19
> hive:England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19/United Arab Emirates/0133/2020|2020-05-18|EPI_ISL_698193|Original|hCoV-19
> hive:Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
>Spke|hCoV-19/USA/VA-DCLS-0329/2020|2020-05-04|EPI_ISL_467934|Original|hCoV-19
> hive:Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacobs|USA
>Spke|hCoV-19/England/MILK-975AOF/2020|2020-08-20|EPI_ISL_552477|Original|hCoV-19
> hive:England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/Canada/ON-UHTC-0283/2020|2020-07-06|EPI_ISL_569981|Original|hCoV-19
> hive:Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada
>Spke|hCoV-19/England/MILK-B59C72/2020|2020-11-06|EPI_ISL_679922|Original|hCoV-19
> hive:England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spke|hCoV-19/England/MILK-99E3F6/2020|2020-08-31|EPI_ISL_550526|Original|hCoV-19
> hive:England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/England/LEED-2A&DE3/2020|2020-04-06|EPI_ISL_539167|Original|hCoV-19
> hive:England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/Wales/PHWC-313D0/2020|2020-04-12|EPI_ISL_446440|Original|hCoV-19
> hive:Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spke|hCoV-19/England/NORT-294DCC/2020|2020-03-28|EPI_ISL_478614|Original|hCoV-19
> hive:England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spke|hCoV-19/USA/LA-GBC1-26791715/2020|2020-04-09|EPI_ISL_485335|Original|hCoV-19
> hive:Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA
>Spke|hCoV-19/England/ALDP-B46759/2020|2020-11-07|EPI_ISL_656031|Original|hCoV-19
> hive:England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19/England/MILK-9EF47B/2020|2020-09-25|EPI_ISL_594918|Original|hCoV-19
> hive:England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spke|hCoV-19/USA/TX-HMH-4398/2020|2020-06-17|EPI_ISL_543587|Original|hCoV-19
> hive:Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spke|hCoV-19/USA/WY-WYPHL-00031/2020|2020-03-23|EPI_ISL_462924|Original|hCoV-19
> hive:Wyoming|Human|Wyoming Public Health Laboratory|Center for Global Health|Domman|USA
>Spke|hCoV-19/Japan/IC-0559/2021|2021-01-00|EPI_ISL_779242|Original|hCoV-19
> hive:Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spke|hCoV-19/England/MILK-9C74A6/2020|2020-09-07|EPI_ISL_573309|Original|hCoV-19
> hive:England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
Spike|CoV-19|Wales|PHWC-47F4DF/2020|2020-10-16|EPI_ISL_612685|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|CoV-19|England|CAMB-1ABF45/2020|2020-00-00|EPI_ISL_444349|Original|hCoV-19|England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
Spike|CoV-19|England|PORT-2D3A42/2020|2020-04-17|EPI_ISL_529673|Original|hCoV-19|England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
Spike|CoV-19|Switzerland|BS-42219570/2020|2020-04-03|EPI_ISL_581844|Original|hCoV-19|Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland
Spike|CoV-19|Australia|VIC16863/2020|2020-08-06|EPI_ISL_663612|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|CoV-19|England|PORT-2E977F/2020|2020-00-00|EPI_ISL_727729|Original|hCoV-19|England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
Spike|CoV-19|USA/NY-Wadsworth-33282-01/2020|2020-03-30|EPI_ISL_525640|Original|hCoV-19|New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA
Spike|CoV-19|New Zealand|20CV0070/2020|2020-08-15|EPI_ISL_547979|Original|hCoV-19|Combined Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
Spike|CoV-19|USA/CO-CDPHE-2005220251/2020|2020-05-21|EPI_ISL_710306|Original|hCoV-19|Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA
Spike|CoV-19|USA/AZ-TG668412/2020|2020-05-12|EPI_ISL_696311|Original|hCoV-19|Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA
Spike|CoV-19|Australia|SAP355/2020|2020-03-20|EPI_ISL_483128|Original|hCoV-19|South Australia|Human|SA Pathology|SA Pathology|Leong|Australia
Spike|CoV-19|USA/TX-HMH-3063/2020|2020-06-01|EPI_ISL_543968|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|CoV-19|USA/NY-NYUMC87/2020|2020-03-18|EPI_ISL_421588|Original|hCoV-19|New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
Spike|CoV-19|England/QEUH-C5C4DD/2020|2020-12-14|EPI_ISL_769405|Original|hCoV-19|Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|CoV-19|Canada/BC_20693717/2020|2020-03-00|EPI_ISL_462778|Original|hCoV-19|British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada
Spike|CoV-19|England/QEUH-A333F2/2020|2020-10-05|EPI_ISL_623876|Original|hCoV-19|England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
Spike|CoV-19|Switzerland/BS-UHB-42201528/2020|2020-03-21|EPI_ISL_528299|Original|hCoV-19|Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland
Spike|CoV-19|England/ALDP-BBB494/2020|2020-11-21|EPI_ISL_701912|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|CoV-19|USA/MO-CDC-2-3693582/2020|2020-11-05|EPI_ISL_747145|Original|hCoV-19|Missouri|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA
Spike|CoV-19|England/MLK-A46D85/2020|2020-10-06|EPI_ISL_598272|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|CoV-19|England/ALDP-B845CE/2020|2020-11-14|EPI_ISL_675248|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Switzerland/VS-ETHZ-410082/2020|2020-12-17|EPI_ISL_737644|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/England/QEUV-B82627/2020|2020-11-14|EPI_ISL_661762|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC3878/2020|2020-07-13|EPI_ISL_520591|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Brazil/SP-L14-CD255/2020|2020-03-27|EPI_ISL_476252|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da C\u00e3oednica da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Universidade de S\u00e3o Paulo|Sabino|Brazil
>Spike|hCoV-19/South Africa/KRISP-K004048/2020|2020-10-19|EPI_ISL_635027|Original|hCoV-19^^South Africa|Human|National Health Laboratory Service - Inkosi Albert Luthuli Central Hospital (NHLS-IALCH)|KRISP|de Oliveira|South Africa
>Spike|hCoV-19/USA/CruiseA-15/2020|2020-02-18|EPI_ISL_413620|Original|hCoV-19^^USA|Human|unknown|Pathogen Discovery|Queen|USA
>Spike|hCoV-19/England/NORTH-283416/2020|2020-03-30|EPI_ISL_472243|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/Denmark/DGCC-21264/2020|2020-12-21|EPI_ISL_759641|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/CAMB-1B9D4A/2020|2020-11-06|EPI_ISL_651709|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/Jordan/AM-ALSR-3932/2020|2020-09-30|EPI_ISL_636297|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan
>Spike|hCoV-19/Mexico/BCN-ALSR-4896/2020|2020-07-07|EPI_ISL_730200|Original|hCoV-19^^Baja California|Human|Genomica Lab Molecular|Andersen lab at Scripps Research|Gangavarapu|Mexico
>Spike|hCoV-19/Australia/VIC4388/2020|2020-07-15|EPI_ISL_519684|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Wales/PHWC-498986/2020|2020-12-03|EPI_ISL_727150|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/ALDP-9BCD9A/2020|2020-09-09|EPI_ISL_573075|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Japan/PG-5080/2020|2020-08-00|EPI_ISL_690190|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Denmark/DCGC-19190/2020|2020-12-07|EPI_ISL_748803|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/UT-UPHL-2012875970/2020|2020-08-17|EPI_ISL_746036|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/Canada/BC-BCCDC-8562/2020|2020-11-00|EPI_ISL_740821|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada
>Spike|hCoV-19/Switzerland/BE-ETHZ-410204/2020|2020-12-13|EPI_ISL_737717|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/England/ALDP-A94EB2/2020|2020-10-19|EPI_ISL_624581|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-59B867/2020|2020-06-15|EPI_ISL_558368|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9E4A56/2020|2020-09-23|EPI_ISL_601048|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6913/2020|2020-06-25|EPI_ISL_546346|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Equatorial Guinea/35052/2020|2020-07-11|EPI_ISL_648376|Original|hCoV-19^^Litoral|Human|Laboratorio de Investigaciones de Baney|University Hospital Basel|Hosch|Equatorial Guinea

>Spike|hCoV-19/Canada/QC-LSPQ-L00215812/2020|2020-03-12|EPI_ISL_535738|Original|hCoV-19^^Quebec|Human|Hu00f4pital Charles-LeMoyne|Laboratoire de sant\00e9 publique du Qu\00e9bec|Moreira|Canada

>Spike|hCoV-19/USA/WI-UW-1129/2020|2020-08-13|EPI_ISL_522887|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/UT-QDX-2253/2020|2020-03-12|EPI_ISL_604600|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Scotland/EDBS555/2020|2020-03-31|EPI_ISL_426016|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/20116149/2020|2020-03-11|EPI_ISL_464850|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A6A55/2020|2020-12-17|EPI_ISL_763411|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99008803/2020|2020-09-21|EPI_ISL_654154|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1o|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-3311/2020|2020-10-26|EPI_ISL_616912|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-18969/2020|2020-11-25|EPI_ISL_785253|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/QC_AF4/2020|2020-04-04|EPI_ISL_463911|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/USA/CA-ALSR-3326/2020|2020-09-18|EPI_ISL_635965|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/WA-UW-1611/2020|2020-03-19|EPI_ISL_423006|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUH-B13861/2020|2020-10-31|EPI_ISL_641650|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-A208DB/2020|2020-10-01|EPI_ISL_587682|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-CAD106/2020|2020-12-20|EPI_ISL_761045|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-C5453F/2020|2020-12-12|EPI_ISL_736355|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG640806/2020|2020-04-26|EPI_ISL_695770|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA
> Spike | hCoV-19 | Sweden/20-22152/2020 | 2020-06-02 | EPI_ISL_623083 | Original | hCoV-19
> ^Skane | Human | Klinisk mikrobiologi | The Public Health Agency of Sweden | Svartrstr | 00f6m | Sweden

> Spike | hCoV-19 | England/ALDP-49B0E8/2020 | 2020-06-12 | EPI_ISL_559369 | Original | hCoV-19
> ^England | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> Spike | hCoV-19 | France/PAC02004/2020 | 2020-02-29 | EPI_ISL_663838 | Original | hCoV-19
> ^Provence-Alpes-Côte d'Azur | Human | CHU de Nice - Hôpital Archet | CNR Virus des Infections Respiratoires - France | Bal | France

> Spike | hCoV-19 | USA/TX-HMH-6261/2020 | 2020-06-28 | EPI_ISL_547347 | Original | hCoV-19
> ^Texas | Human | Houston Methodist Hospital | Houston Methodist Hospital | Long | USA

> Spike | hCoV-19 | England/QUEUH-A61A05/2020 | 2020-10-13 | EPI_ISL_706934 | Original | hCoV-19
> ^England | Human | Oxford Viromics | COVID-19 Genomics UK (COG-UK) consortium | Golubchik | United Kingdom

> Spike | hCoV-19 | Wales/PHWC-33B7C/2020 | 2020-04-21 | EPI_ISL_446794 | Original | hCoV-19
> ^Wales | Human | Wales Specialist Virology Centre | Public Health Wales Microbiology Cardiff | Moore | United Kingdom

> Spike | hCoV-19 | Canada/BC-BCCDC-8416/2020 | 2020-10-00 | EPI_ISL_740786 | Original | hCoV-19
> ^British Columbia | Human | BCCDC Public Health Laboratory | BC CDC Public Health Laboratory | Prystajecky | Canada

> Spike | hCoV-19 | England/CAMC-9EC863/2020 | 2020-09-23 | EPI_ISL_594623 | Original | hCoV-19
> ^England | Human | Oxford Viromics | COVID-19 Genomics UK (COG-UK) consortium | Golubchik | United Kingdom

> Spike | hCoV-19 | England/MILK-A91134/2020 | 2020-10-15 | EPI_ISL_638505 | Original | hCoV-19
> ^England | Human | Oxford Viromics | COVID-19 Genomics UK (COG-UK) consortium | Golubchik | United Kingdom

> Spike | hCoV-19 | USA/UT-UPHL-2012342729/2020 | 2020-12-03 | EPI_ISL_747022 | Original | hCoV-19
> ^Utah | Human | Utah Public Health Laboratory | Utah Public Health Laboratory | Gallagher | USA

> Spike | hCoV-19 | England/QUEUH-9BAD32/2020 | 2020-09-07 | EPI_ISL_573638 | Original | hCoV-19
> ^England | Human | Oxford Viromics | COVID-19 Genomics UK (COG-UK) consortium | Golubchik | United Kingdom

> Spike | hCoV-19 | England/QUEUH-9A43EE/2020 | 2020-09-01 | EPI_ISL_540206 | Original | hCoV-19
> ^England | Human | Lighthouse Lab in Cambridge | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> Spike | hCoV-19 | USA/NY-NYCPHL-001264/2020 | 2020-11-09 | EPI_ISL_683873 | Original | hCoV-19
> ^New York | Human | DOHMH Corona | New York City Public Health Laboratory | Wang | USA

> Spike | hCoV-19 | mink/Netherlands/NB-EMC-68-2/2020 | 2020-11-03 | EPI_ISL_722450 | Original | hCoV-19
> ^Limburg | Neovison vison | Dutch COVID-19 response team | Erasmus Medical Center | Oude Munnik | Netherlands

> Spike | hCoV-19 | USA/TX-HMH-MCoV-9724/2020 | 2020-07-04 | EPI_ISL_780243 | Original | hCoV-19
> ^Texas | Human | Houston Methodist Hospital | Houston Methodist Hospital | Long | USA

> Spike | hCoV-19 | England/CAMC-AB2190/2020 | 2020-10-14 | EPI_ISL_610901 | Original | hCoV-19
> ^England | Human | Lighthouse Lab in Cambridge | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> Spike | hCoV-19 | USA/TX-DHSHS-1483/2020 | 2020-06-22 | EPI_ISL_676629 | Original | hCoV-19
> ^Texas | Human | Texas Department of State Health Services | Texas Department of State Health Services | Rahaman | USA

> Spike | hCoV-19 | USA/WI-UW-1416/2020 | 2020-09-02 | EPI_ISL_536786 | Original | hCoV-19
> ^Wisconsin | Human | University of Wisconsin-Madison AIDS Vaccine Research Laboratories | University of Wisconsin-Madison AIDS Vaccine Research Laboratories | Baczenas | USA

> Spike | hCoV-19 | Denmark/DGCC-4853/2020 | 2020-09-21 | EPI_ISL_621539 | Original | hCoV-19
> ^Hovedstaden | Human | Department of Virus and Microbiological Special Diagnostics | Albertsen lab | Michaelson | Denmark

> Spike | hCoV-19 | England/QUEUH-963B4D/2020 | 2020-08-10 | EPI_ISL_531527 | Original | hCoV-19
> ^England | Human | Lighthouse Lab in Cambridge | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom
>Spike|hCoV-19|England/ALDP-AA4BC7/2020|2020-10-22|EPI_ISL_624529|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|England/CAMC-B79939/2020|2020-11-12|EPI_ISL_741031|Original|hCoV-19
^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19|England/LIVE-DCB981/2020|2020-11-25|EPI_ISL_724443|Original|hCoV-19
^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19|Japan/PG-2255/2020|2020-04-00|EPI_ISL_685860|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19|USA/MI-UM-10036782417/2020|2020-11-04|EPI_ISL_707866|Original|hCoV-19
^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19|Saudi Arabia/KAUST-JEDDAH1301/2020|2020-06-30|EPI_ISL_677927|Original|hCoV-19
^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19|India/GJ-GBRC45/2020|2020-04-29|EPI_ISL_444476|Original|hCoV-19
^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19|England/NOTT-10F56B/2020|2020-04-03|EPI_ISL_433019|Original|hCoV-19
^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19|Sweden/20-51847/2020|2020-06-01|EPI_ISL_510853|Original|hCoV-19
^Vasternorrland|Human|Klinisk mikrobiologi Vasternorrland|The Public Health Agency of Sweden|Svartstru|00fem|Sweden

>Spike|hCoV-19|England/BIRM-5FF7E/2020|2020-00-00|EPI_ISL_461541|Original|hCoV-19
^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19|Belgium/ULG-10985/2020|2020-09-09|EPI_ISL_707756|Original|hCoV-19
^Li|u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19|Scotland/QEUH-5303FA/2020|2020-05-18|EPI_ISL_532210|Original|hCoV-19
^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|England/MILK-B8E588/2020|2020-11-13|EPI_ISL_673909|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|England/ALDP-9EA777/2020|2020-09-24|EPI_ISL_579928|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|England/QEUH-AD3B74/2020|2020-10-24|EPI_ISL_634202|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|France/PAC-IHU-1349/2020|2020-08-19|EPI_ISL_569133|Original|hCoV-19
^Provence-Alpes-C^u00f4te-d'U2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19|Brazil/RJ-00349/2020|2020-04-16|EPI_ISL_623152|Original|hCoV-19
^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19|England/CAMC-1BD06B/2020|2020-12-07|EPI_ISL_740958|Original|hCoV-19
^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19|England/20110005407/2020|2020-03-08|EPI_ISL_464633|Original|hCoV-19
^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19|South Africa/KRISP-K002878/2020|2020-09-06|EPI_ISL_602691|Original|hCoV-19
^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
> Spike|hCoV-19|England/MILK-994AA0/2020|2020-08-25|EPI_ISL_552224|Original|hCoV-19
> ^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> > Spike|hCoV-19|England/QEUH-9BA89B/2020|2020-09-07|EPI_ISL_573607|Original|hCoV-19
> > ^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
> > Spike|hCoV-19|England/MILK-9F24FD/2020|2020-09-25|EPI_ISL_589187|Original|hCoV-19
> > ^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> > Spike|hCoV-19|USA/TX-HMH-5904/2020|2020-06-30|EPI_ISL_547098|Original|hCoV-19
> > ^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> > Spike|hCoV-19|England/BRIS-125B5E/2020|2020-03-30|EPI_ISL_443706|Original|hCoV-19
> > ^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
> > Spike|hCoV-19|Wales/PHWC-26453/2020|2020-03-27|EPI_ISL_422365|Original|hCoV-19
> > ^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
> > Spike|hCoV-19|USA/VA-S2879/2020|2020-09-27|EPI_ISL_596410|Original|hCoV-19
> > ^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA
> > Spike|hCoV-19|England/QEUH-AAD38A/2020|2020-10-20|EPI_ISL_623956|Original|hCoV-19
> > ^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> > Spike|hCoV-19|USA/NY-NYUMC351/2020|2020-04-07|EPI_ISL_430378|Original|hCoV-19
> > ^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
> > Spike|hCoV-19|England/SHEF-C0619/2020|2020-03-17|EPI_ISL_420289|Original|hCoV-19
> > ^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom
> > Spike|hCoV-19|Canada/ON-SLB3081/2020|2020-04-14|EPI_ISL_717749|Original|hCoV-19
> > ^Ontario|Human|Kingston Health Sciences Centre and Queen's University|Ontario Institute for Cancer Research|de Borja|Canada
> > Spike|hCoV-19|England/BRIS-12A737/2020|2020-04-30|EPI_ISL_458465|Original|hCoV-19
> > ^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> > Spike|hCoV-19|South Africa/R12544-2020|2020-06-16|EPI_ISL_504188|Original|hCoV-19
> > ^North West|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa
> > Spike|hCoV-19|Portugal/PT0723/2020|2020-03-27|EPI_ISL_510982|Original|hCoV-19
> > ^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal
> > Spike|hCoV-19|Netherlands/ZH-EMC-847/2020|2020-10-12|EPI_ISL_632714|Original|hCoV-19
> > ^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
> > Spike|hCoV-19|England/QEUH-A4D401/2020|2020-10-05|EPI_ISL_596115|Original|hCoV-19
> > ^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
> > Spike|hCoV-19|USA/TX-HMH-6478/2020|2020-06-27|EPI_ISL_546024|Original|hCoV-19
> > ^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> > Spike|hCoV-19|England/BRIS-1297FC/2020|2020-03-31|EPI_ISL_458837|Original|hCoV-19
> > ^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> > Spike|hCoV-19|England/MILK-B55EBC/2020|2020-11-04|EPI_ISL_658158|Original|hCoV-19
> > ^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> > Spike|hCoV-19|Wales/MILK-9E0207/2020|2020-09-19|EPI_ISL_601397|Original|hCoV-19
> > ^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> > Spike|hCoV-19|England/QEUH-A1E1A8/2020|2020-10-01|EPI_ISL_587305|Original|hCoV-19
> > ^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/OR-PROV-059/2020|2020-04-13|EPI_ISL_482339|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA
Spike|hCoV-19/Denmark/DCGC-22229/2020|2020-12-14|EPI_ISL_757940|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaela|Denmark
Spike|hCoV-19/England/MILK-994CF5/2020|2020-08-25|EPI_ISL_552362|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Canada/ON-OICR-SLB2857/2020|2020-04-07|EPI_ISL_538376|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Centre / Queen's University|Ontario Institute for Cancer Research|de Borja|Canada
Spike|hCoV-19/England/MILK-631DBE/2020|2020-07-05|EPI_ISL_556093|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/TX-HMH-1911/2020|2020-05-13|EPI_ISL_542899|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/USA/WI-UW-498/2020|2020-06-05|EPI_ISL_484873|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
Spike|hCoV-19/Wales/PHWC-4969A6/2020|2020-11-22|EPI_ISL_726665|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/England/QEUH-C14E4F/2020|2020-12-06|EPI_ISL_709399|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/ALDP-B26230/2020|2020-11-04|EPI_ISL_646535|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/OR-OHSU-2103/2020|2020-08-04|EPI_ISL_667116|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA
Spike|hCoV-19/DRC/6342/2020|2020-05-09|EPI_ISL_495631|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo
Spike|hCoV-19/England/NORW-F08FC/2020|2020-09-30|EPI_ISL_577108|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
Spike|hCoV-19/England/QEUH-B68803/2020|2020-11-11|EPI_ISL_655091|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/ALDP-6B712D/2020|2020-06-29|EPI_ISL_557978|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/OR-PROV-120/2020|2020-04-27|EPI_ISL_482384|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA
Spike|hCoV-19/India/WB-S6/2020|2020-03-26|EPI_ISL_430466|Original|hCoV-19^^West Bengal|Human|ICMR-National Institute of Cholera and Enteric Diseases|National Institute of Biomedical Genomics|Maitra|India
Spike|hCoV-19/Wales/QEUH-AD49E2/2020|2020-10-24|EPI_ISL_647966|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/20129096704/2020|2020-03-11|EPI_ISL_424083|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
Spike|hCoV-19/Japan/PG-3434/2020|2020-07-00|EPI_ISL_691545|Original|hCoV-19^^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/USA/TX-HMH-MCoV-15689/2020|2020-07-09|EPI_ISL_785373|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Portugal/PT1337/2020|2020-03-19|EPI_ISL_511296|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Lorentz|Portugal
>Spike|hCoV-19/England/MILK-B05E33/2020|2020-10-23|EPI_ISL_642992|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-B75681/2020|2020-11-12|EPI_ISL_740914|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/England/PORT-2EA25F/2020|2020-00-00|EPI_ISL_665949|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike|hCoV-19/England/20126002404/2020|2020-03-18|EPI_ISL_423871|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/USA/UT-08481/2020|2020-05-21|EPI_ISL_524250|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/Wales/PHWC-486C55/2020|2020-10-31|EPI_ISL_639121|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/India/DL-NCDC2059-CSIR-IGIB/2020|2020-05-19|EPI_ISL_482538|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Pandey|India
>Spike|hCoV-19/Switzerland/VD-ETHZ-150036plus/2020|2020-06-03|EPI_ISL_483664|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/Scotland/QEUH-96DBBC/2020|2020-08-20|EPI_ISL_534544|Original|hCoV-19^^Scotland|Human|NHSGCG West of Scotland Specialist Virology Centre / MRC- University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-4F486D/2020|2020-06-26|EPI_ISL_559114|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/United Arab Emirates/0180/2020|2020-05-18|EPI_ISL_698367|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
>Spike|hCoV-19/Netherlands/NB-RIVM-10290/2020|2020-04-14|EPI_ISL_635474|Original|hCoV-19^^NoordBrabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spike|hCoV-19/Russia/Primorskiy-79001/2020|2020-03-22|EPI_ISL_428903|Vero|hCoV-19^^Primorsky|Human|State Research Center of Virology and Biotechnology VECTORS|State Research Center of Virology and Biotechnology VECTOR|Shvalov|Russia
>Spike|hCoV-19/England/SHEF-C9425/2020|2020-10-14|EPI_ISL_650680|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/India/WB-IICB-027/2020|2020-08-12|EPI_ISL_581502|Original|hCoV-19^^West Bengal|Human|CSIR-Indian Institute of Chemical Biology|CSIR-Indian Institute of Chemical Biology|Bhowmik|India
>Spike|hCoV-19/USA/MN-MDH-1970/2020|2020-10-24|EPI_ISL_634844|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA
>Spike|hCoV-19/Brazil/SP-737/2020|2020-07-09|EPI_ISL_735398|Original|hCoV-19^^S\00e3o Paulo|Human|Laboratorio Fleury|Instituto Adolfo Lutz|Sacchi|Brazil
>Spike|hCoV-19/USA/MN-MDH-1956/2020|2020-08-28|EPI_ISL_613470|Original|hCoV-19^^Minnesota|Human|Public Health Laboratory - Infectious Disease Lab|Minnesota Department of Health|Lorentz|USA

19/USA/MN
19/Brazil/SP
19/India/WB
19/Scotland/QEUH
19/England/ALDP
19/England/20126002404
19/England/UT-08481
19/England/VD-ETHZ
19/England/ALDP
19/Scotland/QEUH
19/Netherlands/NB-RIVM
19/Russia/Primorskiy
19/United Arab Emirates/0180
19/England/SHEF
19/India/WB-IICB
19/USA/MN-MDH-1970
19/Brazil/SP-737
>Spike|hCoV-19|England|20079022904|2020|2020-02-15|EPI_ISL_464174|Original|hCoV-19|England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Sp|hCoV-19|USA/OR-OHSU-2835|2020|2020-09-02|EPI_ISL_667341|Original|hCoV-19|England|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA
>Sp|hCoV-19|USA/IN-Lilly-IPB0170-4bc20|2020|2020-03-19|EPI_ISL_421279|Original|hCoV-19|Indiana|Human|Clinical Diagnostics Laboratory|Clinical Diagnostics Laboratory|Holzer|USA
>Sp|hCoV-19|USA/NY-QDX-1236|2020|2020-03-17|EPI_ISL_572012|Original|hCoV-19|New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Sp|hCoV-19|England/CAMC-BBDB06|2020|2020-11-22|EPI_ISL_703505|Original|hCoV-19|England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Sp|hCoV-19|USA/ME-HETL-J0453|2020|2020-12-17|EPI_ISL_755549|Original|hCoV-19|Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey|USA
>Sp|hCoV-19|Australia/NSW03|2020|2020-01-25|EPI_ISL_408977|Original|hCoV-19|New South Wales|Human|Serology|NSW Health Pathology | Institute of Clinical Pathology and Medical Research; Centre for Infectious Diseases and Microbiology Laboratory Services; Westmead Hospital; University of Sydney|Eden|Australia
>Sp|hCoV-19|England/CAMC-B368D1|2020|2020-11-05|EPI_ISL_645337|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Sp|hCoV-19|England/CAMC-A58EC9|2020|2020-10-09|EPI_ISL_597205|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp|hCoV-19|USA/NY-Wadsworth-192869-01|2020|2020-06-21|EPI_ISL_676709|Original|hCoV-19|New York|Human|Masonic Medical Research Institute |Wadsworth Center|Lasek-Nesselquist|USA
>Sp|hCoV-19|Spain/VC-FISABIO-64|2020|2020-03-16|EPI_ISL_425188|Original|hCoV-19|Comunitat Valenciana|Human|Servicio de Microbiologia|U00eda. Consorcio Hospital General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain
>Sp|hCoV-19|USA/TX-HMH-MCoV-12790|2020|2020-08-19|EPI_ISL_790524|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Sp|hCoV-19|India/GJ-GBRC-380b|2020|2020-06-18|EPI_ISL_524740|Original|hCoV-19|Gujarat|Human|GMERS Medical College and Hospital|Gujarat Biotechnology Research Centre|Joshi|India
>Sp|hCoV-19|Japan/PG-7855|2020|2020-07-00|EPI_ISL_686956|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Sp|hCoV-19|Russia/KR-RIR-12146S|2020|2020-11-17|EPI_ISL_733495|Original|hCoV-19|Republic of Karelia|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Sp|hCoV-19|USA/MI-UM-10036664571|2020|2020-10-28|EPI_ISL_650070|Original|hCoV-19|Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring|USA
>Sp|hCoV-19/England/CAMB-734C0|2020|2020-03-20|EPI_ISL_440104|Original|hCoV-19|England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Sp|hCoV-19/England/NORW-F4E41|2020|2020-11-05|EPI_ISL_665356|Original|hCoV-19|England|Human|Quadrum Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Sp|hCoV-19/USA/TX-HMH-7450|2020|2020-06-26|EPI_ISL_546776|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Sp|hCoV-19/England/ALDP-9D9D1F|2020|2020-09-18|EPI_ISL_576812|Original|hCoV-19|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Sp|hCoV-19/England/MILK-C61E70|2020|2020-12-13|EPI_ISL_735688|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Russia/MOW-RII-MH1998S/2020|2020-06-10|EPI_ISL_596342|Original|hCoV-19^^Moscow|Human|Pathogenic Microorganisms Variability Laboratory|WHO National Influenza Centre Russian Federation|Komissarov|Russia

> Spike|hCoV-19/Ireland/WW-NVRL-AIIIV0073vl/2020|2020-04-26|EPI_ISL_644270|Original|hCoV-19^^Wisconsin|Human|CEPHR / Vincent's Hospital|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

> Spike|hCoV-19/USA/CA-ALSR-1127/2020|2020-04-03|EPI_ISL_494379|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

> Spike|hCoV-19/Japan/PG-1098/2020|2020-04-00|EPI_ISL_684708|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan

> Spike|hCoV-19/England/CAMB-1B3065/2020|2020-05-21|EPI_ISL_456750|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

> Spike|hCoV-19/USA/CA-NVRI-AR-146/2020|2020-04-10|EPI_ISL_554064|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

> Spike|hCoV-19/Wales/PHHC-2DFA6/2020|2020-04-10|EPI_ISL_446044|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardifl|Moore|United Kingdom

> Spike|hCoV-19/England/MILK-B87507/2020|2020-11-13|EPI_ISL_724778|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

> Spike|hCoV-19/England/ALDP-92578F/2020|2020-06-23|EPI_ISL_552924|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/England/CAMC-B513C0/2020|2020-11-06|EPI_ISL_657769|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/USA/CA-CHLA-PLM78502662/2020|2020-11-13|EPI_ISL_753317|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

> Spike|hCoV-19/Scotland/QEUH-9F7D57/2020|2020-09-27|EPI_ISL_600896|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

> Spike|hCoV-19/England/CAMB-042BC/2020|2020-12-01|EPI_ISL_760975|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/USA/ME-HETL-J0053/2020|2020-03-13|EPI_ISL_513464|Original|hCoV-19^^Maine|Human|Maine HETL|Tewhey Lab|Tewhey|USA

> Spike|hCoV-19/Australia/WA85/2020|2020-03-30|EPI_ISL_512738|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

> Spike|hCoV-19/England/BIRM-60E22/2020|2020-07-14|EPI_ISL_529324|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

> Spike|hCoV-19/England/ALDP-9BDDA8/2020|2020-09-09|EPI_ISL_568038|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/Finland/17A92S12/2020|2020-04-17|EPI_ISL_481593|Original|hCoV-19^^Uusima|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

> Spike|hCoV-19/USA/MI-MDHHS-SC21329/2020|2020-04-01|EPI_ISL_507584|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/Ireland/D-NVRL-20IRL87996/2020|2020-11-17|EPI_ISL_671883|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland
>Spike|hCoV-19/England/ALDP-AA1FCE/2020|2020-10-22|EPI_ISL_624395|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-A4D0EF/2020|2020-10-05|EPI_ISL_665963|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/England/MILK-B8F11A/2020|2020-11-13|EPI_ISL_675178|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/CVR1601/2020|2020-04-02|EPI_ISL_448119|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/Australia/VIC9246/2020|2020-08-11|EPI_ISL_565463|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Iceland/595/2020|2020-03-27|EPI_ISL_424615|Original|hCoV-19^^Iceland|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f6nsson|Iceland
>Spike|hCoV-19/USA/CO-CSU-D1075-1/2020|2020-04-08|EPI_ISL_527434|Original|hCoV-19^^Colorado|Human|Colorado State University - Ebel Lab|Colorado State University - Ebel Lab|Clune|USA
>Spike|hCoV-19/England/LOND-12F100D/2020|2020-12-06|EPI_ISL_724601|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spike|hCoV-19/India/GJ-GBRC150b/2020|2020-05-18|EPI_ISL_458113|Original|hCoV-19^^Gujarat|Human|Gujarat Biotechnology Research Centre|Gujarat Biotechnology Research Centre|Joshi|India
>Spike|hCoV-19/England/PORT-2D74D7/2020|2020-00-00|EPI_ISL_665477|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike|hCoV-19/England/MILK-B3B9F7/2020|2020-11-01|EPI_ISL_706092|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike|hCoV-19/England/PORT-2CF496/2020|2020-04-27|EPI_ISL_453684|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike|hCoV-19/Germany/HH-hpi-p2115/2020|2020-03-22|EPI_ISL_776359|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany
>Spike|hCoV-19/England/QEUH-B7FE25/2020|2020-11-14|EPI_ISL_661889|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/NY-Wadsworth-30164-01/2020|2020-03-26|EPI_ISL_426307|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
>Spike|hCoV-19/USA/MI-QDX-1167/2020|2020-03-24|EPI_ISL_571897|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/Denmark/DCGC-15181/2020|2020-11-23|EPI_ISL_713678|Original|hCoV-19^^England|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaellsen|Denmark

>Spike|hCoV-19/Scotland/CVR876/2020|2020-03-27|EPI_ISL_439126|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14488/2020|2020-11-30|EPI_ISL_711794|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaellsen|Denmark

>Spike|hCoV-19/England/QEUH-9C9A1B/2020|2020-09-10|EPI_ISL_567527|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-0538/2020|2020-07-14|EPI_ISL_498080|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-TALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/MILK-B8DBF0/2020|2020-11-13|EPI_ISL_674789|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-1AEEDC0/2020|2020-05-10|EPI_ISL_452864|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/CAMB-83946/2020|2020-04-16|EPI_ISL_443323|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-9EABB7/2020|2020-09-24|EPI_ISL_580039|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-BBC509/2020|2020-11-18|EPI_ISL_705594|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Ali Khan|United Kingdom

>Spike|hCoV-19/England/204841916/2020|2020-11-25|EPI_ISL_683583|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17120/2020|2020-12-14|EPI_ISL_750768|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaellsen|Denmark

>Spike|hCoV-19/England/LIVE-9BOCE/2020|2020-03-24|EPI_ISL_449408|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48DB8E/2020|2020-11-02|EPI_ISL_680733|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-2286/2020|2020-04-00|EPI_ISL_685891|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/308545/2020|2020-06-08|EPI_ISL_543843|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Germany/HH-hpi-p2461/2020|2020-05-11|EPI_ISL_776520|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/QEUH-BCFEB/2020|2020-11-27|EPI_ISL_704202|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A594C6/2020|2020-10-08|EPI_ISL_597146|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/StPetersburg-RPIT4970S/2020|2020-04-10|EPI_ISL_430077|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Spike|hCoV-19/USA/TX-HMH-6158/2020|2020-06-24|EPI_ISL_547279|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spke|hCoV-19/Wales/PHWC-4803A1/2020|2020-09-29|EPI_ISL_612880|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spke|hCoV-19/South Africa/NHLS-UCT-GS-3514/2020|2020-10-07|EPI_ISL_640137|Original|hCoV-19^^Western Cape|Human|Groote Schuur Hospital|w|GSH|NHLS/UCT|Iranszadeh|South Africa
>Spke|hCoV-19/USA/TX-HMH-2572/2020|2020-06-02|EPI_ISL_545395|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spke|hCoV-19/Scotland/CVR4492/2020|2020-09-21|EPI_ISL_585355|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spke|hCoV-19/Belgium/MSE-0324131/2020|2020-03-24|EPI_ISL_420388|Original|hCoV-19^^Vilvoorde|Human|KU Leuven/KU Leuven|Maes|Belgium
>Spke|hCoV-19/England/ALDP-A6D957/2020|2020-10-14|EPI_ISL_607036|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/England/EXET-1357FD/2020|2020-04-13|EPI_ISL_457102|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spke|hCoV-19/United Arab Emirates/0962/2020|2020-06-28|EPI_ISL_699098|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
>Spke|hCoV-19/USA/UT-UPHL-2012379360/2020|2020-10-21|EPI_ISL_746240|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA
>Spke|hCoV-19/Denmark/DCGC-21568/2020|2020-12-21|EPI_ISL_757907|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark
>Spke|hCoV-19/Switzerland/BE-ETHZ-280223/2020|2020-09-10|EPI_ISL_560447|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spke|hCoV-19/Wales/PHWC-48AD21/2020|2020-11-04|EPI_ISL_666150|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spke|hCoV-19/England/LIVE-9FA62/2020|2020-06-04|EPI_ISL_472035|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spke|hCoV-19/Australia/WA15/2020|2020-04-06|EPI_ISL_470833|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA|Sikazwe|Australia
>Spke|hCoV-19/USA/WA-UW-13219/2020|2020-07-01|EPI_ISL_570959|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spke|hCoV-19/USA/MI-MDHHS-SC21204/2020|2020-04-01|EPI_ISL_507461|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spke|hCoV-19/England/CAMC-A57808/2020|2020-10-07|EPI_ISL_597510|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/Denmark/DCGC-18900/2020|2020-12-07|EPI_ISL_748627|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark
>Spke|hCoV-19/England/NOTT-10ED82/2020|2020-03-29|EPI_ISL_432922|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spke|hCoV-19/Wales/PHWC-47F83D/2020|2020-10-09|EPI_ISL_612732|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19|England/ALDP-5A0BB1/2020|2020-06-15|EPI_ISL_558863|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/ALDP-9C5D52/2020|2020-09-10|EPI_ISL_567584|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/QEUH-BEB03D/2020|2020-12-03|EPI_ISL_708957|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|Wales/PHWC-49A3FF/2020|2020-12-02|EPI_ISL_727541|Original|hCoV-19
^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19|Australia/VIC12831/2020|2020-07-28|EPI_ISL_592087|Original|hCoV-19
^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA/VA-DCLS-1527/2020|2020-08-08|EPI_ISL_581523|Original|hCoV-19
^Virginia|Human|Virginia Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19|USA/CA-C2B-3777/2020|2020-06-04|EPI_ISL_548398|Original|hCoV-19
^California|Human|Ventura County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA
Spike|hCoV-19|England/QEUH-96F25B/2020|2020-08-17|EPI_ISL_530574|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Denmark/DGCC-8035/2020|2020-10-26|EPI_ISL_617145|Original|hCoV-19
^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
Spike|hCoV-19|Netherlands/NH-RIVM-10353/2020|2020-06-16|EPI_ISL_636566|Original|hCoV-19
^NoordHolland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
Spike|hCoV-19|England/ALDP-B5C644/2020|2020-11-09|EPI_ISL_655903|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|Sweden/20-21493/2020|2020-05-26|EPI_ISL_676526|Original|hCoV-19
^Uppsala|Human|Uppsala klinisk mikrobiologi|The Public Health Agency of Sweden|\u00f6stman|Sweden
Spike|hCoV-19|Japan/PG-4047/2020|2020-07-00|EPI_ISL_692288|Original|hCoV-19
^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19|USA/TX-HMH-MCOV-14717/2020|2020-10-01|EPI_ISL_786202|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|Wales/PHWC-16F3E7/2020|2020-10-04|EPI_ISL_585960|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19|Scotland/EDB2271/2020|2020-04-21|EPI_ISL_491505|Original|hCoV-19
^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Japan/PG-4507/2020|2020-07-00|EPI_ISL_692730|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19|Costa Rica/INC-0140/2020|2020-07-21|EPI_ISL_770009|Original|hCoV-19
^San Jose|Human|Area De Salud Escazu (Coopesana)|Inciensa|Soto-Garita|Costa Rica
Spike|hCoV-19|England/NOTT-112037/2020|2020-06-16|EPI_ISL_478721|Original|hCoV-19
^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19/USA/AZ-TG329174/2020|2020-05-27|EPI_ISL_694028|Original|hCoV-19^
^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/New Zealand/20VR1004/2020|2020-03-19|EPI_ISL_456181|Original|hCoV-19^
^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Shenzhen/HKU-SZ-002/2020|2020-01-10|EPI_ISL_406030|Original|hCoV-19^
^Guangdong|Human|The University of Hong Kong - Shenzhen Hospital|Li Ka Shing Faculty of Medicine|Chan|China

>Spike|hCoV-19/England/ALDP-B84EF0/2020|2020-11-15|EPI_ISL_674292|Original|hCoV-19^
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DBAD2F/2020|2020-11-14|EPI_ISL_664363|Original|hCoV-19^
^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWCl-162E01/2020|2020-05-20|EPI_ISL_473205|Original|hCoV-19^
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Sp

1. **Spike|hCoV-19/USA/AZ-TG329174/2020|2020-05-27|EPI_ISL_694028|Original|hCoV-19**
   - **Arizona|Human|TGen North|TGen North|French|USA**

2. **Spike|hCoV-19/New Zealand/20VR1004/2020|2020-03-19|EPI_ISL_456181|Original|hCoV-19**
   - **Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom**

3. **Spike|hCoV-19/Shenzhen/HKU-SZ-002/2020|2020-01-10|EPI_ISL_406030|Original|hCoV-19**
   - **Guangdong|Human|The University of Hong Kong - Shenzhen Hospital|Li Ka Shing Faculty of Medicine|Chan|China**

4. **Spike|hCoV-19/England/ALDP-B84EF0/2020|2020-11-15|EPI_ISL_674292|Original|hCoV-19**
   - **England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom**

5. **Spike|hCoV-19/England/LIVE-DBAD2F/2020|2020-11-14|EPI_ISL_664363|Original|hCoV-19**
   - **England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom**

6. **Spike|hCoV-19/Wales/PHWCl-162E01/2020|2020-05-20|EPI_ISL_473205|Original|hCoV-19**
   - **Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom**

7. **Spike|hCoV-19/USA/MD-MDH-0511/2020|2020-11-28|EPI_ISL_778892|Original|hCoV-19**
   - **Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA**

8. **Spike|hCoV-19/England/BIRM-61EBB8/2020|2020-03-27|EPI_ISL_529615|Original|hCoV-19**
   - **England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom**

9. **Spike|hCoV-19/Belgium/PM-0324144/2020|2020-03-24|EPI_ISL_420401|Original|hCoV-19**
   - **Belgium|Human|KU Leuven|KU Leuven|Maes|Belgium**

10. **Spike|hCoV-19/England/MILK-A18399/2020|2020-10-01|EPI_ISL_595028|Original|hCoV-19**
    - **England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom**

11. **Spike|hCoV-19/England/MILK-99483D/2020|2020-08-25|EPI_ISL_552249|Original|hCoV-19**
    - **England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom**

12. **Spike|hCoV-19/England/QEUH-AF5893/2020|2020-10-30|EPI_ISL_663091|Original|hCoV-19**
    - **Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom**

13. **Spike|hCoV-19/England/ALDP-B1BC21/2020|2020-11-01|EPI_ISL_645613|Original|hCoV-19**
    - **England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom**

14. **Spike|hCoV-19/Sweden/20-24683/2020|2020-11-24|EPI_ISL_710585|Original|hCoV-19**
    - **Dalarna|Human|Orsa VC|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden**

15. **Spike|hCoV-19/Switzerland/BL-ETHZ-100827/2020|2020-03-26|EPI_ISL_451776|Original|hCoV-19**
    - **Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadade|Switzerland**

16. **Spike|hCoV-19/Wales/PHWCl-490F5F/2020|2020-11-09|EPI_ISL_706589|Original|hCoV-19**
    - **Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom**
>Spike|hCoV-19^USA/2020|2020-12-02|EPI ISL 768369|Original|hCoV-19^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spik|hCoV-19^USA/NY-Wadsworth-215771-01|2020-09-13|EPI ISL 765503|Original|hCoV-19^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spik|hCoV-19^New Zealand/20VR3154/2020|2020-03-23|EPI ISL 579444|Original|hCoV-19^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spik|hCoV-19^USA/2020-05-12|EPI ISL 578718|Original|hCoV-19^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spik|hCoV-19^India/TG-CDFD-N4288/2020|2020-05-21|EPI ISL 528614|Original|hCoV-19^Telangana|Human|National Genomics Core-Center for DNA Fingerprinting and Diagnostics|National Genomics Core-Center for DNA Fingerprinting and Diagnostics (NGC-CDFD)- DBT's PAN-INDIA-1000 Genome consortium|Vashisth|India

>Spik|hCoV-19^Switzerland/BE-UNIBE-155-8269/2020|2020-03-12|EPI ISL 574796|Original|hCoV-19^Bern|Human|Institute for Infectious Diseases|Koch|Switzerland

>Spik|hCoV-19^Australia/VIC4560/2020|2020-07-20|EPI ISL 518970|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spik|hCoV-19^Wales/PHWC-16P8CA/2020|2020-10-02|EPI ISL 586034|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spik|hCoV-19^Wales/PHWC-3412E/2020|2020-04-16|EPI ISL 446874|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spik|hCoV-19^Guam/GU_NHG_01/2020|2020-03-26|EPI ISL 444998|Original|hCoV-19^Guam|Human|Naval Health Research Center|Naval Medical Research Center Biological Defense Research Directorate|Voehtly|Guam

>Spik|hCoV-19^England/NORT-28C459/2020|2020-05-14|EPI ISL 492954|Original|hCoV-19^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19^England/OXON-B1E31/2020|2020-04-15|EPI ISL 479096|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spik|hCoV-19^England/CAMC-B07B85/2020|2020-10-29|EPI ISL 643753|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spik|hCoV-19^Wales/ALDP-C39925/2020|2020-12-08|EPI ISL 767157|Original|hCoV-19^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spik|hCoV-19^Scotland/QEUH-7A4553/2020|2020-07-15|EPI ISL 533072|Original|hCoV-19^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19^New Zealand/20CV0715/2020|2020-12-28|EPI ISL 755635|Original|hCoV-19^Countsy Manukau|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spik|hCoV-19^England/MILK-ACEF61/2020|2020-10-21|EPI ISL 629747|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spik|hCoV-19^USA/NY-FV09194/2020|2020-03-20|EPI ISL 422550|Original|hCoV-19^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA
>Spike|hCoV-19/Japan/PG-0168/2020|2020-03-13|EPI_ISL_479878|Original|hCoV-19^^Hokkaido|Human|Sapporo City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/BRIS-124DFF/2020|2020-03-26|EPI_ISL_443729|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-5C701F/2020|2020-06-19|EPI_ISL_558520|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0746/2020|2020-05-14|EPI_ISL_583683|Original|hCoV-19^^Austria|Human|Austrian Agency for Health and Food Safety (AGES)|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Wales/PHWC-16B9E9/2020|2020-09-15|EPI_ISL_573927|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/OXON-B1A88/2020|2020-05-02|EPI_ISL_479069|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-B53D3/2020|2020-11-10|EPI_ISL_704427|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Scotland/CVR2057/2020|2020-04-09|EPI_ISL_484548|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DGCC-8282/2020|2020-10-26|EPI_ISL_617309|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Singapore/1415/2020|2020-11-11|EPI_ISL_654813|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/CO-CSU-D2591-1/2020|2020-04-02|EPI_ISL_527468|Original|hCoV-19^^Colorado|Human|Colorado State University - Ebel Lab|Colorado State University - Ebel Lab|Cline|USA

>Spike|hCoV-19/Wales/ALDP-B1A24E/2020|2020-11-01|EPI_ISL_710928|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-QDX-670/2020|2020-03-18|EPI_ISL_571424|Original|hCoV-19^^Colorado|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUH-A36C21/2020|2020-10-06|EPI_ISL_706924|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-9A85D5/2020|2020-09-02|EPI_ISL_550007|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-126092C/2020|2020-03-16|EPI_ISL_516850|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1965/2020|2020-04-00|EPI_ISL_685571|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-A44D96/2020|2020-10-06|EPI_ISL_598600|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5899/2020|2020-07-20|EPI_ISL_518680|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC8969/2020|2020-07-28|EPI_ISL_565321|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/FL-BPHL-0567/2020|2020-03-15|EPI_ISL_508771|Original|hCoV-19^|Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>SpickehCoV-19/Canada/ON-PHL-20-00054/2020|2020-00-00|EPI_ISL_548731|Original|hCoV-19^|Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>SpickehCoV-19/England/QEUH-9D0B78/2020|2020-09-16|EPI_ISL_589842|Original|hCoV19^-England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>SpickehCoV-19/England/QEUH-9A469A/2020|2020-09-01|EPI_ISL_540216|Original|hCoV19^-England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>SpickehCoV-19/England/NORW-E70E1/2020|2020-04-19|EPI_ISL_449002|Original|hCoV19^-England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>SpickehCoV-19/England/ALDP-94D10B/2020|2020-06-16|EPI_ISL_555940|Original|hCoV19^-England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>SpickehCoV-19/England/QEUH-B10E17/2020|2020-11-02|EPI_ISL_642215|Original|hCoV19^-England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>SpickehCoV-19/England/QEUH-A8C891/2020|2020-10-16|EPI_ISL_643149|Original|hCoV19^-England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>SpickehCoV-19/England/QEUH-B65CEC/2020|2020-11-10|EPI_ISL_655145|Original|hCoV19^-England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>SpickehCoV-19/USA/TX-HMH-MCoV-8166/2020|2020-06-30|EPI_ISL_784242|Original|hCoV19^-Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>SpickehCoV-19/England/QEUH-B7DB20/2020|2020-11-14|EPI_ISL_741898|Original|hCoV19^-England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>SpickehCoV-19/Luxembourg/LNS5680075/2020|2020-03-26|EPI_ISL_429780|Original|hCoV19^-Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Nienecke-Baldacchino|Luxembourg

>SpickehCoV-19/USA/WI-UW-1140/2020|2020-08-13|EPI_ISL_522897|Original|hCoV19^-Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>SpickehCoV-19/Wales/PHWC-48D7E4/2020|2020-11-13|EPI_ISL_680681|Original|hCoV19^-Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>SpickehCoV-19/Austria/CeMM0186/2020|2020-03-11|EPI_ISL_438028|Original|hCoV19^-Austria|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>SpickehCoV-19/France/BRE-5685/2020|2020-04-02|EPI_ISL_443291|Original|hCoV19^-Bretagne|Human|CHR Pontchaillou – Laboratoire de Virologie|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>SpickehCoV-19/USA/MI-MDHHS-SC22018/2020|2020-09-02|EPI_ISL_577564|Original|hCoV19^-Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>SpickehCoV-19/Japan/PG-8603/2020|2020-08-00|EPI_ISL_686199|Original|hCoV19^-Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>SpickehCoV-19/Northern Ireland/QEUH-96CC9C/2020|2020-08-21|EPI_ISL_530785|Original|hCoV19^-Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/QEUH-99C2EC/2020|2020-08-28|EPI_ISL_559792|Original|hCoV-19
^England|Human|Oxford VIIrome|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19|England/QEUH-997EIA/2020|2020-08-24|EPI_ISL_537172|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/QEUH-AD0AA7/2020|2020-10-26|EPI_ISL_633966|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/20119032004/2020|2020-03-11|EPI_ISL_465045|Original|hCoV-19
^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19|England/QUH-BA0C6D/2020|2020-11-18|EPI_ISL_719757|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/CAMB-B1FD93/2020|2020-11-02|EPI_ISL_647653|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/QEUH-10906/2020|2020-03-11|EPI_ISL_488190|Original|hCoV-19
^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/MIILK-AB76EE/2020|2020-10-19|EPI_ISL_623478|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Wales/PHWC-36A5E/2020|2020-05-01|EPI_ISL_474750|Original|hCoV-19
^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19|Denmark/DCCG-20131/2020|2020-12-07|EPI_ISL_748002|Original|hCoV-19
^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19|Portugal/PT1287/2020|2020-03-24|EPI_ISL_511248|Original|hCoV-19
^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal
>Spike|hCoV-19|Wales/PHWC-483F9B/2020|2020-10-23|EPI_ISL_626788|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19|USA/TX-HMH-MCoV-14934/2020|2020-10-14|EPI_ISL_786418|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|England/CAMB-A97990/2020|2020-12-10|EPI_ISL_723940|Original|hCoV-19
^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19|England/MILK-6A383E/2020|2020-07-01|EPI_ISL_551802|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Denmark/DCCG-17222/2020|2020-12-14|EPI_ISL_750231|Original|hCoV-19
^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19|Iceland/478/2020|2020-03-20|EPI_ISL_424501|Original|hCoV-19
^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|Jóns|Iceland
>Spike|hCoV-19|Denmark/DCCG-1155/2020|2020-11-02|EPI_ISL_670424|Original|hCoV-19
^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19|USA/CA-CZB-10906/2020|2020-08-25|EPI_ISL_583135|Original|hCoV-19
^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA
>Spike<hCoV-19^>Denmark/DCGC-10382/2020|2020-11-02|EPI_ISL_669933|Original|hCoV-19^>Hovedstaden|Human|Department of Virus and Microiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark
>Spike|hCoV-19^>Scotland/EDB6904/2020|2020-05-01|EPI_ISL_526510|Original|hCoV-19^>Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spike|hCoV-19^>England/BRIS-126188/2020|2020-04-09|EPI_ISL_459037|Original|hCoV-19^>England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19^>USA/AZ-TG456066/2020|2020-06-29|EPI_ISL_695041|Original|hCoV-19^>Arizona|Human|TG Gen North|TG Gen North|French|USA
>Spike|hCoV-19^>Panama/334277/2020|2020-03-30|EPI_ISL_496771|Original|hCoV-19^>Panama West|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama
>Spike|hCoV-19^>England/CAMC-B79D4C/2020|2020-11-12|EPI_ISL_668065|Original|hCoV-19^>England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19^>England/CAMC-B535E6/2020|2020-11-08|EPI_ISL_656734|Original|hCoV-19^>England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19^>Denmark/DCGC-8884/2020|2020-10-26|EPI_ISL_626147|Original|hCoV-19^>Nordjylland|Human|Department of Virus and Microiological Special Diagnostics|Albertsen lab|Michaelisen|Denmark
>Spike|hCoV-19^>England/EXET-13EF83/2020|2020-12-14|EPI_ISL_764181|Original|hCoV-19^>England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spike|hCoV-19^>Denmark/DCGC-17834/2020|2020-12-14|EPI_ISL_749591|Original|hCoV-19^>Sjaelland|Human|Department of Virus and Microiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark
>Spike|hCoV-19^>USA/MD-HP12183/2020|2020-12-24|EPI_ISL_791482|Original|hCoV-19^>Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morris|USA
>Spike|hCoV-19^>England/MILK-C6C9A1/2020|2020-12-13|EPI_ISL_778546|Original|hCoV-19^>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19^>Scotland/CVR134/2020|2020-03-16|EPI_ISL_425677|Original|hCoV-19^>Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19^>India/UN-1111/2020|2020-03-10|EPI_ISL_421666|Original|hCoV-19^>India|Human|National Influenza Center|Indian Council of Medical Research-National Institute of Virology|Yadav|India
>Spike|hCoV-19^>England/BRIS-1218A6/2020|2020-03-08|EPI_ISL_440205|Original|hCoV-19^>England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19^>USA/WI-GMF-19586/2020|2020-09-10|EPI_ISL_547824|Original|hCoV-19^>Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA
>Spike|hCoV-19^>USA/TX-HMH-7068/2020|2020-06-28|EPI_ISL_546477|Original|hCoV-19^>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19^>Finland/23LS6A12/2020|2020-10-23|EPI_ISL_759780|Original|hCoV-19^>Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland
>Spike|hCoV-19|England|QEUH-AD42D8/2020|2020-10-26|EPI_ISL_634670|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|e|hCoV-19|USA/ME-HETL-J0126/2020|2020-09-23|EPI_ISL_755379|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA
>Spik|e|hCoV-19|USA/CA-ALSR-4318/2020|2020-10-06|EPI_ISL_648967|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spik|e|hCoV-19|England/LIVE-A9036/2020|2020-03-26|EPI_ISL_517250|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spik|e|hCoV-19|Denmark/DGCC-13551/2020|2020-11-30|EPI_ISL_712872|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spik|e|hCoV-19|Denmark/DGCC-21875/2020|2020-12-21|EPI_ISL_757790|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spik|e|hCoV-19|England/ALDP-5D3195/2020|2020-06-19|EPI_ISL_558596|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|e|hCoV-19|Croatia/Zagreb-5/2020|2020-10-02|EPI_ISL_710571|Original|hCoV-19^^Zagreb|Human|University Hospital Dubrava\[R\]u\[011Er Bo\]u\[0161kovic Institute; Forensic Science Centre Ivan Vu\[010Deti\]u\[0107]; University of Zagreb Faculty of Science|Karlic|Croatia
>Spik|e|hCoV-19|England/LOND-1250163/2020|2020-10-12|EPI_ISL_665198|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom
>Spik|e|hCoV-19|Canada/ON-PHL-20-03665/2020|2020-11-00|EPI_ISL_775103|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada
>Spik|e|hCoV-19|Switzerland/BS-ETHZ-390438/2020|2020-11-04|EPI_ISL_729081|Original|hCoV-19^^Basel-Stadt|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spik|e|hCoV-19|England/QEUH-9FAD63/2020|2020-09-28|EPI_ISL_588242|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|e|hCoV-19|Australia/VIC12202/2020|2020-07-23|EPI_ISL_591927|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spik|e|hCoV-19|Germany/SH-ChVir9977/2020|2020-11-02|EPI_ISL_729664|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbohlz|Charit\v\[00e9|Universit\v\[00e4]tsmedizin Berlin|Muehlemann|Germany
>Spik|e|hCoV-19|Denmark/DGCC-12585/2020|2020-11-16|EPI_ISL_682766|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spik|e|hCoV-19|Spain/PA-IVB-2130/2020|2020-04-12|EPI_ISL_468878|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IVB(CSIC)|Comas|Spain
>Spik|e|hCoV-19|USA/TX-HMH-4305/2020|2020-06-18|EPI_ISL_543515|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|e|hCoV-19|England/CAMB-1AE258/2020|2020-04-26|EPI_ISL_459440|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|e|hCoV-19|USA/CA-CHLA-PLM98411854/2020|2020-11-30|EPI_ISL_753461|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA
| Spike | hCoV-19/England/QEUH-9D32DA/2020/2020-09-17 | EPI_ISL_577322 | Original | hCoV-19 | England | Human | Centre for Enzyme Innovation | COVID-19 Genomics UK (COG-UK) Consortium | Robson | United Kingdom |
|---|---|---|---|---|---|---|---|---|---|---|
| Spike | hCoV-19/USA/HH-H200236/2020/2020-08-21 | EPI_ISL_752795 | Original | hCoV-19 | England | Human | State Laboratories Division | State Laboratories Division | Sultana | USA |
| Spike | hCoV-19/USA/CA-CZB-14636/2020/2020-11-16 | EPI_ISL_739238 | Original | hCoV-19 | England | Human | Orange County Public Health Lab | Chan-Zuckerberg Biohub | Kamm | USA |
| Spike | hCoV-19/USA/TX-DSHS-1789/2020/2020-06-13 | EPI_ISL_738164 | Original | hCoV-19 | Texas | Human | Texas Department of State Health Services | Texas Department of State Health Services | Rahman | USA |
| Spike | hCoV-19/England/QEUH-BA2EDE/2020/2020-11-18 | EPI_ISL_672765 | Original | hCoV-19 | England | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| Spike | hCoV-19/England/ALDP-A95E1B/2020/2020-10-20 | EPI_ISL_624729 | Original | hCoV-19 | England | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| Spike | hCoV-19/England/PORT-2F6092/2020/2020-12-08 | EPI_ISL_741734 | Original | hCoV-19 | England | Human | Centre for Enzyme Innovation | COVID-19 Genomics UK (COG-UK) Consortium | Robson | United Kingdom |
| Spike | hCoV-19/England/QEUH-C343A4/2020/2020-12-10 | EPI_ISL_733941 | Original | hCoV-19 | England | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| Spike | hCoV-19/USA/CA-CZB-3711/2020/2020-07-21 | EPI_ISL_548472 | Original | hCoV-19 | England | Human | University College London | COVID-19 Genomics UK (COG-UK) Consortium | Roy | United Kingdom |
| Spike | hCoV-19/England/QEUH-B11CD0/2020/2020-11-02 | EPI_ISL_642453 | Original | hCoV-19 | England | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| Spike | hCoV-19/Japan/PG-6499/2020/2020-07-07 | EPI_ISL_689601 | Original | hCoV-19 | Japan | Human | Pathogen Genomics Center | Pathogen Genomics Center | Sekizuka | Japan |
| Spike | hCoV-19/England/2011078604/2020/2020-03-14 | EPI_ISL_465108 | Original | hCoV-19 | England | Human | Respiratory Virus Unit | Respiratory Virus Unit | Platt | United Kingdom |
| Spike | hCoV-19/England/QEUH-9F5120/2020/2020-09-27 | EPI_ISL_638656 | Original | hCoV-19 | England | Human | County of Santa Clara Public Health Department | Chan-Zuckerberg Biohub | Bhatt | USA |
| Spike | hCoV-19/USA/CA-CZB-5388/2020/2020-04-05 | EPI_ISL_486102 | Original | hCoV-19 | Washington | Human | UW Virology Lab | UW Virology Lab | Roychoudhury | USA |
| Spike | hCoV-19/Japan/MILK-99343A/2020/2020-08-26 | EPI_ISL_552148 | Original | hCoV-19 | England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| Spike | hCoV-19/Spain/RI-IBV-h2287/2020/2020-03-03 | EPI_ISL_468762 | Original | hCoV-19 | La Rioja | Human | Centro de Investigación | U00f3n Biom| U00e9dica de La Rioja - Hospital San Pedro Logroño | SeqCOVID-SPAIN consortium | IBV(CSIC)| Comas | Spain |
| Spike | hCoV-19/USA/CA-CZB-30835/2020/2020-10-13 | EPI_ISL_735453 | Original | hCoV-19 | Washington | Human | UW Virology Lab | UW Virology Lab | Roychoudhury | USA |
| Spike | hCoV-19/Scotland/EDBI1412/2020/2020-04-10 | EPI_ISL_433441 | Original | hCoV-19 | Scotland | Human | Virology Department | COVID-19 Genomics UK (COG-UK) Consortium | Williams | United Kingdom |
>Spike|hCoV-19/USA/LA-GBCL-26556566/2020|2020-04-15|EPI_ISL_485196|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA
>Speke|hCoV-19/England/QUEUH-B115C6/2020|2020-11-02|EPI_ISL_642372|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spek|hCoV-19/India/GJ-GBRC312a/2020|2020-06-08|EPI ISL 495067|Original|hCoV-19|^Gujarat|Human|Dr. N. D. Desai Medical College & HospItal|Gujarat Biotechnology Research Centre|Joshi|India
>Spek|hCoV-19/USA/CA-CZB-4006/2020|2020-08-01|EPI ISL 548656|Original|hCoV-19|^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA
>Spek|hCoV-19/France/ARA-650/2020|2020-03-04|EPI_ISL_416752|Original|hCoV-19^Auvergne-Rh\u00f4ne-Alpes|Human|CHU Gabriel Montpied|CNR Virus des Infections Respiratoires - France SUD|Josset|France
>Spek|hCoV-19/England/CAMB-1B7D5B/2020|2020-10-14|EPI ISL 638177|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spek|hCoV-19/USA/TX-HMH-5304/2020|2020-06-25|EPI ISL 544665|Original|hCoV-19|^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spek|hCoV-19/USA/AZ-TG306001/2020|2020-04-30|EPI ISL 694310|Original|hCoV-19^Arizona|Human|AZ SPHL|TGen North|French|USA
>Spek|hCoV-19/Switzerland/AR-ETHZ-340164/2020|2020-10-28|EPI ISL 721739|Original|hCoV-19^Appenzell Ausserrhoden|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spek|hCoV-19/England/BRIS-12AA7A/2020|2020-04-29|EPI ISL 458366|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spek|hCoV-19/USA/CA-CZB-11799/2020|2020-09-23|EPI ISL 625642|Original|hCoV-19|^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA
>Spek|hCoV-19/England/ALDP-5AA829/2020|2020-06-15|EPI ISL 558709|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spek|hCoV-19/Denmark/DGCC-4559/2020|2020-09-21|EPI ISL 621356|Original|hCoV-19^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaellsen|Denmark
>Spek|hCoV-19/Canada/ON-S871/2020|2020-04-00|EPI ISL 591252|Original|hCoV-19|^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
>Spek|hCoV-19/England/QUEUH-AABD33/2020|2020-10-21|EPI ISL 652827|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spek|hCoV-19/Denmark/DGCC-1265/2020|2020-06-08|EPI ISL 618043|Original|hCoV-19^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaellsen|Denmark
>Spek|hCoV-19/USA/WA-UW-2983/2020|2020-03-27|EPI ISL 486068|Original|hCoV-19^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spek|hCoV-19/Sweden/20-51997/2020|2020-06-05|EPI ISL 510864|Original|hCoV-19^Kalmar|Human|Kalmar klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr|\u00f6fem|Sweden
>Spek|hCoV-19/Sweden/20-13141/2020|2020-12-23|EPI ISL 775579|Original|hCoV-19^Stockholm|Human|ABC|The Public Health Agency of Sweden|Svartstr|\u00f6fem|Sweden
>Spek|hCoV-19/Netherlands/NA_638/2020|2020-04-16|EPI ISL 461073|Original|hCoV-19^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spek|hCoV-19/Scotland/QUEUH-9B9BB1/2020|2020-09-09|EPI ISL 568267|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/QEUH-BA1473/2020|2020-11-18|EPI_ISL_757211|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spa|hCoV-19/England/CAMC-9484F8/2020|2020-07-18|EPI_ISL_556822|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spa|hCoV-19/England/QEUH-ALDP/2020|2020-09-22|EPI_ISL_574181|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spa|hCoV-19/Denmark/DGCC-4066/2020|2020-09-14|EPI_ISL_622022|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelisen|Denmark
>Spa|hCoV-19/England/ALDP-B75E4/2020|2020-11-12|EPI_ISL_723711|Original|hCoV-19^^England|Human|Aberdeen|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spa|hCoV-19/England/ALDP-B75E4/2020|2020-11-12|EPI_ISL_723711|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spa|hCoV-19/England/QEUH-ALDP/2020|2020-09-22|EPI_ISL_574181|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spa|hCoV-19/England/ALDP-B75E4/2020|2020-11-12|EPI_ISL_723711|Original|hCoV-19^^England|Human|Aberdeen|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
Spike|hCoV-19/Netherlands/NH-RIVM-10104/2020|2020-03-10|EPI_ISL_547502|Original|hCoV-19^Noord Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
Spike|hCoV-19/England/BRIS-130297/2020|2020-04-11|EPI_ISL_492614|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Ireland/LK-UHL93/2020|2020-05-13|EPI_ISL_681763|Original|hCoV-19^Limerick|Human|University Hospital Limerick|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland
Spike|hCoV-19/Australia/VIC8631/2020|2020-08-02|EPI_ISL_565122|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19/North Macedonia/11567/2020|2020-09-07|EPI_ISL_678253|Original|hCoV-19^Skopje|Human|Institute for Lung Diseases in Children - Skopje|Research Center for Genetic Engineering and Biotechnology \(\text{Georgi D. Efremov}\) Dimovski|North Macedonia
Spike|hCoV-19/USA/CA-CZB-3906/2020|2020-07-27|EPI_ISL_548532|Original|hCoV-19^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA
Spike|hCoV-19/USA/UT-UPHL-201012002/2020|2020-04-26|EPI_ISL_594430|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
Spike|hCoV-19/Scotland/GCVR-17217E/2020|2020-03-30|EPI_ISL_469991|Original|hCoV-19^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre | MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Denmark/DGCC-10896/2020|2020-11-02|EPI_ISL_670271|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
Spike|hCoV-19/Japan/PG-1671/2020|2020-04-00|EPI_ISL_685277|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
Spike|hCoV-19/Denmark/DGCC-5061/2020|2020-09-21|EPI_ISL_621599|Original|hCoV-19^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
Spike|hCoV-19/England/LOND-126C9A/2020|2020-10-17|EPI_ISL_627464|Original|hCoV-19^England|Human|University College London|COVID-19 Genomics UK (COG-UK) consortium|Roy|United Kingdom
Spike|hCoV-19/USA/NY-MSK-20E/2020|2020-05-13|EPI_ISL_583480|Original|hCoV-19^New York|Human|Memorial Sloan Kettering Cancer Center|van Bakel Laboratory|van Bakel|USA
Spike|hCoV-19/Bangladesh/DNAs_DGCRCM_isl_1-003/2020|2020-04-29|EPI_ISL_774900|Original|hCoV-19^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh
Spike|hCoV-19/England/ALDP-887F9A/2020|2020-06-29|EPI_ISL_557018|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Spain/PV-IBV-00424/2020|2020-04-06|EPI_ISL_500308|Original|hCoV-19^Basque Country|Human|Servicio de Microbiologia|u00eda. Hospital Universitario Donostia. OSI Donostialdea. \\u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
Spike|hCoV-19/USA/TX-HMH-2841/2020|2020-06-07|EPI_ISL_543812|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/England/QEUH-B13AD4/2020|2020-11-02|EPI_ISL_641811|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/USA/CA-ALSR-3578/2020|2020-06-24|EPI_ISL_636091|Original|hCoV-19^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
Spike|hCoV-19/Spain/AS-IBV-98006598/2020|2020-03-12|EPI_ISL_654642|Original|hCoV-19^Asturias|Human|Servicio de Microbiologia|u00eda|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>Spike|hCoV-19/England/QEUH-B2CEFA/2020|2020-11-04|EPI_ISL_659884|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-NM-1445/2020|2020-07-05|EPI_ISL_626523|Original|hCoV-19^England|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-14615/2020|2020-10-11|EPI_ISL_787900|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-13118/2020|2020-08-26|EPI_ISL_788269|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-14475/2020|2020-11-30|EPI_ISL_711066|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Nigeria/EK084-CV50/2020|2020-04-23|EPI_ISL_487105|Original|hCoV-19^Ekiti State|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/South Africa/R06794/2020|2020-04-22|EPI_ISL_490255|Original|hCoV-19^Western Cape|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/USA/UT-UPHL-2012615779/2020|2020-06-18|EPI_ISL_746376|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/USA/SC-DHEC-0099/2020|2020-04-24|EPI_ISL_491109|Original|hCoV-19^South Carolina|Human|SC Department of Health and Environmental Control|SC Department of Health and Environmental Control|Flores|USA

>Spike|hCoV-19/USA/MN-MDH-2023/2020|2020-10-31|EPI_ISL_654704|Original|hCoV-19^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/Denmark/DCGC-4081/2020|2020-09-14|EPI_ISL_622037|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Iceland/243/2020|2020-03-17|EPI_ISL_417571|Original|hCoV-19^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/NORT-29400F/2020|2020-07-23|EPI_ISL_573335|Original|hCoV-19^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/MILK-B96DD0/2020|2020-11-14|EPI_ISL_674991|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9CA90E/2020|2020-09-10|EPI_ISL_567430|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-34276/2020|2020-04-19|EPI_ISL_446893|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Scotland/CVR4100/2020|2020-09-04|EPI_ISL_540804|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/BRTS-122298/2020|2020-03-22|EPI_ISL_440084|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-AD2AD2/2020|2020-10-27|EPI_ISL_644010|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2F5770/2020|2020-00-00|EPI_ISL_613300|Original|hCoV-19^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike|hCoV-19/Canada/ON-PHL-20-01204/2020|2020-06-00|EPI_ISL_548826|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/SHEF-C1AC1/2020|2020-10-19|EPI_ISL_637881|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DGC-9677/2020|2020-11-09|EPI_ISL_669105|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-9B90FE/2020|2020-09-05|EPI_ISL_549795|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA140B/2020|2020-10-22|EPI_ISL_624099|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB4990/2020|2020-05-15|EPI_ISL_453176|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-0160/2020|2020-04-21|EPI_ISL_509063|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Brazil/RI-IBV-99010992/2020|2020-09-10|EPI_ISL_732815|Original|hCoV-19^^La_Rioja|Human|Centro de Investigacion\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f3\u00edo|SeqCOVID-Spain consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-AA140B/2020|2020-10-22|EPI_ISL_624099|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RI-IBV-99010992/2020|2020-09-10|EPI_ISL_732815|Original|hCoV-19^^La_Rioja|Human|Centro de Investigacion\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f3\u00edo|SeqCOVID-Spain consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-AA140B/2020|2020-10-22|EPI_ISL_624099|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/QEUH-9F53C0/2020|2020-09-25|EPI_ISL_638671|Original|hCoV-19\^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19|Japan/PG-2714/2020|2020-03-00|EPI_ISL_690846|Original|hCoV-19\^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan

>Spike|hCoV-19|Scotland/QEUH-A0169A/2020|2020-10-02|EPI_ISL_680558|Original|hCoV-19\^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19|Denmark/DGCC-16041/2020|2020-11-23|EPI_ISL_714552|Original|hCoV-19\^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19|Denmark/DGCC-21054/2020|2020-12-21|EPI_ISL_759098|Original|hCoV-19\^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19|Australia/VIC16679/2020|2020-08-05|EPI_ISL_641021|Original|hCoV-19\^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19|Wales/PHWC-16C8DC/2020|2020-09-26|EPI_ISL_574108|Original|hCoV-19\^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19|England/MILK-9EE63A/2020|2020-09-23|EPI_ISL_580757|Original|hCoV-19\^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|Scotland/QEUH-9F4C8A/2020|2020-09-27|EPI_ISL_600638|Original|hCoV-19\^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|USA/MI-MDHHS-SC22244/2020|2020-11-03|EPI_ISL_666910|Original|hCoV-19\^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19|England/MILK-B96BF4/2020|2020-11-13|EPI_ISL_675108|Original|hCoV-19\^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19|Ireland/LK-UHL6/2020|2020-04-02|EPI_ISL_681757|Original|hCoV-19\^Limerick|Human|University Hospital Limerick|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19|England/ALDP-982B39/2020|2020-08-10|EPI_ISL_552539|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|Japan/PG-2141/2020|2020-04-00|EPI_ISL_685746|Original|hCoV-19\^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan

>Spike|hCoV-19|Wales/PHWC-480392/2020|2020-10-18|EPI_ISL_612879|Original|hCoV-19\^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19|Scotland/CVR1308/2020|2020-03-26|EPI_ISL_433535|Original|hCoV-19\^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19|England/PORT-2D222D/2020|2020-03-22|EPI_ISL_499304|Original|hCoV-19\^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19|England/204790960/2020|2020-11-20|EPI_ISL_678762|Original|hCoV-19\^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19|USA/CA-CZB-1676/2020|2020-03-30|EPI_ISL_468616|Original|hCoV-19\^California|Human|Contra Costa Public Health Lab|Chan-Zuckerberg Biohub|McGeever|USA
>Spike|hCoV-19/England/QEUH-9F532A/2020|2020-09-27|EPI_ISL_638664|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/AZ-TG664240/2020|2020-04-28|EPI_ISL_696044|Original|hCoV-19^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/TBSD-2488956/2020|2020-04-22|EPI_ISL_482121|Original|hCoV-19^England|Human|The Department of Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9A96A/2020|2020-03-28|EPI_ISL_449373|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1836/2020|2020-09-14|EPI_ISL_614128|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AE64D/2020|2020-04-29|EPI_ISL_459467|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21308/2020|2020-04-04|EPI_ISL_507563|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Canada/BC-BCCDC-7544/2020|2020-11-00|EPI_ISL_740707|Original|hCoV-19^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Frystajecky|Canada

>Spike|hCoV-19/England/MILK-BB1E81/2020|2020-11-18|EPI_ISL_720038|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG305699/2020|2020-04-24|EPI_ISL_694248|Original|hCoV-19^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/South Korea/KCDC2672/2020|2020-06-10|EPI_ISL_522454|Original|hCoV-19^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/TX-HMH-8053/2020|2020-07-05|EPI_ISL_545820|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DGCC-2004/2020|2020-12-07|EPI_ISL_747949|Original|hCoV-19^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/ZH-ETHZ-280135/2020|2020-09-07|EPI_ISL_560545|Original|hCoV-19^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Luxembourg/LNS5519604/2020|2020-03-20|EPI_ISL_429711|Original|hCoV-19^Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Wienecke-Baldaichino|Luxembourg

>Spike|hCoV-19/Australia/VIC2828/2020|2020-07-03|EPI_ISL_521659|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/FL-BPHL-1243/2020|2020-06-01|EPI_ISL_541166|Original|hCoV-19^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/CA-CSMC78/2020|2020-03-26|EPI_ISL_475693|Original|hCoV-19^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

>Spike|hCoV-19/Scotland/QEUH-95E662/2020|2020-08-07|EPI_ISL_532518|Original|hCoV-19^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-
University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Australia/VIC9573/2020|2020-08-16|EPI_ISL_565608|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19/USA/MA-MASPHL-00524/2020|2020-05-05|EPI_ISL_693054|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA
> Spike|hCoV-19/India/MH-ACG202|2020-06-29|EPI_ISL_699870|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
> Spike|hCoV-19/Wales/PHWC-49864/2020|2020-11-30|EPI_ISL_727224|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/England/QEUH-9D3128/2020|2020-09-18|EPI_ISL_577310|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
> Spike|hCoV-19/England/ALDP-B1D09/2020|2020-11-01|EPI_ISL_664854|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
> Spike|hCoV-19/Wales/PHWC-48951B/2020|2020-10-29|EPI_ISL_639585|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Wales/QEUH-B2FD98/2020|2020-11-03|EPI_ISL_710904|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/Denmark/DGCC-21068/2020|2020-12-21|EPI_ISL_759535|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
> Spike|hCoV-19/Wales/PHWC-48951B/2020|2020-10-29|EPI_ISL_639585|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Brazil/PE-TAM235/2020|2020-04-09|EPI_ISL_500870|Original|hCoV-19^^Pernambuco|Human|LACEN/PE|WallauLab|Wallau|Brazil
> Spike|hCoV-19/Australia/VIC9884/2020|2020-08-25|EPI_ISL_562749|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19/USA/AZ-TG494613/2020|2020-07-13|EPI_ISL_695249|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA
> Spike|hCoV-19/England/20156050704/2020|2020-04-07|EPI_ISL_466337|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
> Spike|hCoV-19/USA/20200301/546522/2020-06-29|EPI_ISL_546522|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19/Portugal/PT1085/2020|2020-03-28|EPI_ISL_511632|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal
> Spike|hCoV-19/England/BRIS-12996F/2020|2020-03-28|EPI_ISL_458466|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Scotland/EDB10435/2020|2020-11-05|EPI_ISL_705757|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
> Spike|hCoV-19/USA/WY-WPHL-20148300/2020|2020-11-23|EPI_ISL_770067|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA
> Spike|hCoV-19/Faroe Islands/HFS-33/2020|2020-03-16|EPI_ISL_526944|Original|hCoV-19^^Faroe Islands|Human|Faroe National Reference Laboratory for Fish and Animal Diseases|Faroe National Reference Laboratory for Fish and Animal Diseases|Dahl|Faroe Islands
>Spike|hCoV-19/Spain/AS-IBV-98006629/2020|2020-03-31|EPI_ISL_654663|Original|hCoV-19^*|Asturias|Human|Servicio de Microbiologia|u00eda|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spke|hCoV-19/England/BRIS-122993/2020|2020-04-02|EPI_ISL_440706|Original|hCoV-19^*|England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spke|hCoV-19/USA/TX-HHH-1539/2020|2020-04-15|EPI_ISL_542780|Original|hCoV-19^*|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spke|hCoV-19/Wales/PHWC-47E124/2020|2020-10-11|EPI_ISL_595410|Original|hCoV-19^*|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spke|hCoV-19/Australia/VIC17127/2020|2020-08-16|EPI_ISL_663749|Original|hCoV-19^*|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spke|hCoV-19/Switzerland/SO-ETHZ-400106/2020|2020-12-07|EPI_ISL_729148|Original|hCoV-19^*|Solothurn|Human|VioUter AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spke|hCoV-19/England/ALDP-9E7A08/2020|2020-09-24|EPI_ISL_579996|Original|hCoV-19^*|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spke|hCoV-19/Denmark/DCGC-9604/2020|2020-11-09|EPI_ISL_669062|Original|hCoV-19^*|Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spke|hCoV-19/Bangladesh/BCSIR-NILMRC-242/2020|2020-07-06|EPI_ISL_487382|Original|hCoV-19^*|Barisal|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spke|hCoV-19/England/EXET-13AD41/2020|2020-11-10|EPI_ISL_664608|Original|hCoV-19^*|England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spke|hCoV-19/USA/CA-CZB-11122/2020|2020-05-29|EPI_ISL_625514|Original|hCoV-19^*|California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spke|hCoV-19/Indonesia/JK-EIJK47/2020|2020-06-08|EPI_ISL_574616|Original|hCoV-19^*|Jakarta|Human|RS Kramat 128|Eijkman Institute for Molecular Biology|Soebandrio|Indonesia

>Spke|hCoV-19/DRC/11576/2020|2020-05-25|EPI_ISL_527517|Original|hCoV-19^*|Kinshasa|Human|Virai Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spke|hCoV-19/France/BRE-IPP10879/2020|2020-12-12|EPI_ISL_754151|Original|hCoV-19^*|Bretagne|Human|Laboratoire de Microbiologie|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spke|hCoV-19/England/QEUH-998A24/2020|2020-08-22|EPI_ISL_540034|Original|hCoV-19^*|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spke|hCoV-19/USA/WI-UK-642/2020|2020-06-27|EPI_ISL_491333|Original|hCoV-19^*|Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spke|hCoV-19/England/LOND-124C452/2020|2020-04-03|EPI_ISL_492869|Original|hCoV-19^*|England|Human|Royal Free Hospital / Health Services Laboratories|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spke|hCoV-19/England/QEUH-AD1068/2020|2020-10-26|EPI_ISL_634704|Original|hCoV-19^*|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spke|hCoV-19/Aseited Arab Emirates/0779/2020|2020-05-19|EPI_ISL_698922|Original|hCoV-19^*|Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spke|hCoV-19/England/ALDP-B1AD7A/2020|2020-11-01|EPI_ISL_646026|Original|hCoV-19^*|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
| Country           | Institution | Location                          | Disease | Project Code | Sequence Type | Other Information |
|-------------------|-------------|-----------------------------------|---------|--------------|---------------|-------------------|
| Spain             | Comas       | Lighthouse Lab in Alderley Park   | Human   | EPI_ISL_567635 | Original | hCoV-19          |
| United Kingdom    | Golubchik   | Oxford Viromics                  | Human   | EPI_ISL_466679 | Original | hCoV-19          |
| Bangladesh        | Khan        | Bangladesh Counci               | Human   | EPI_ISL_480419 | Original | hCoV-19          |
| England           | McArthur    | Toronto Invasive Bacterial       | Human   | EPI_ISL_509555 | Original | hCoV-19          |
| England           | PHE South West Regional Laboratory | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) | Human | EPI_ISL_554801 | Original | hCoV-19          |
| England           | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) | Human | EPI_ISL_573130 | Original | hCoV-19          |
| Kenya             | Mombasa     | KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi | Human | EPI_ISL_665333 | Original | hCoV-19          |
| Canada            | Canada/Kilifi | KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi | Human | EPI_ISL_666183 | Original | hCoV-19          |
| USA               | USA/Virginia DCLS | Virginia DCLS                  | Human   | EPI_ISL_463116 | Original | hCoV-19          |
| UK                | UK/Comas    | Lighthouse Lab in Alderley Park   | Human   | EPI_ISL_479129 | Original | hCoV-19          |
| USA               | USA/Comas   | Lighthouse Lab in Milton Keynes  | Human   | EPI_ISL_509555 | Original | hCoV-19          |
| USA               | USA/Moore   | Lighthouse Lab in Milton Keynes  | Human   | EPI_ISL_554801 | Original | hCoV-19          |
| Spain             | Comas       | Lighthouse Lab in Alderley Park   | Human   | EPI_ISL_567635 | Original | hCoV-19          |
| United Kingdom    | Golubchik   | Oxford Viromics                  | Human   | EPI_ISL_466679 | Original | hCoV-19          |
| Spain             | Comas       | Lighthouse Lab in Alderley Park   | Human   | EPI_ISL_567635 | Original | hCoV-19          |
| United Kingdom    | Golubchik   | Oxford Viromics                  | Human   | EPI_ISL_466679 | Original | hCoV-19          |
| Spain             | Comas       | Lighthouse Lab in Alderley Park   | Human   | EPI_ISL_567635 | Original | hCoV-19          |
| United Kingdom    | Golubchik   | Oxford Viromics                  | Human   | EPI_ISL_466679 | Original | hCoV-19          |
| Spain             | Comas       | Lighthouse Lab in Alderley Park   | Human   | EPI_ISL_567635 | Original | hCoV-19          |
| United Kingdom    | Golubchik   | Oxford Viromics                  | Human   | EPI_ISL_466679 | Original | hCoV-19          |
| Spain             | Comas       | Lighthouse Lab in Alderley Park   | Human   | EPI_ISL_567635 | Original | hCoV-19          |
| United Kingdom    | Golubchik   | Oxford Viromics                  | Human   | EPI_ISL_466679 | Original | hCoV-19          |
| Spain             | Comas       | Lighthouse Lab in Alderley Park   | Human   | EPI_ISL_567635 | Original | hCoV-19          |
| United Kingdom    | Golubchik   | Oxford Viromics                  | Human   | EPI_ISL_466679 | Original | hCoV-19          |
> Spike|hCoV-19/Wales/PHWC-49E67A/2020/2020-12-07|EPI_ISL_743030|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/Denmark/DGCC-8444/2020/2020-10-26|EPI_ISL_617910|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

> Spike|hCoV-19/Japan/PG-7204/2020/2020-07-00|EPI_ISL_688308|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

> Spike|hCoV-19/USA/CA-ALSR-4527/2020/2020-10-23|EPI_ISL_666987|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

> Spike|hCoV-19/England/NOTT-1105FE/2020/2020-04-27|EPI_ISL_441536|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

> Spike|hCoV-19/England/MILK-A7A1B9/2020/2020-10-15|EPI_ISL_606752|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/England/LIVE-A03CD/2020/2020-05-25|EPI_ISL_472108|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

> Spike|hCoV-19/Australia/VIC646/2020/2020-03-24|EPI_ISL_426942|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

> Spike|hCoV-19/England/2013068804/2020/2020-03-28|EPI_ISL_423358|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

> Spike|hCoV-19/Scotland/EDB551/2020/2020-03-31|EPI_ISL_426015|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

> Spike|hCoV-19/Australia/VIC4689/2020/2020-07-15|EPI_ISL_519077|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

> Spike|hCoV-19/Japan/PG-4767/2020/2020-08-00|EPI_ISL_689903|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

> Spike|hCoV-19/Denmark/DGCC-20090/2020/2020-12-07|EPI_ISL_747976|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

> Spike|hCoV-19/England/ALDP-95CE5D/2020/2020-06-16|EPI_ISL_555004|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/England/QEUH-B3FA0F/2020/2020-11-08|EPI_ISL_658461|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/Netherlands/NB-RIVM-20265/2020/2020-11-16|EPI_ISL_723157|Original|hCoV-19^^Noord-Brabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meier|Netherlands

> Spike|hCoV-19/England/QEUH-AD0904/2020/2020-10-26|EPI_ISL_629819|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/United Arab Emirates/L12306567/2020/2020-04-21|EPI_ISL_520667|Original|hCoV-19^^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramaswamy|United Arab Emirates

> Spike|hCoV-19/Australia/VIC4011/2020/2020-07-09|EPI_ISL_519397|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

> Spike|hCoV-19/Malaysia/IMR_WC94764/2020/2020-05-29|EPI_ISL_490103|Original|hCoV-19^^Malaysia|Human|Institute for Medical Research|Institute for Medical Research|Suppiah|Malaysia
>Spike|hCoV-19/England/MILK-C2F45E/2020|2020-12-07|EPI_ISL_782752|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CL-IBV-97006147/2020|2020-04-01|EPI_ISL_537294|Original|hCoV-19
>Spain|Human|Universidad de León|SegCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spikes|hCoV-19/England/MILK-9C4430/2020|2020-09-09|EPI_ISL_566993|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19/USA/VA-DCLS-1456/2020|2020-08-19|EPI_ISL_572199|Original|hCoV-19
>Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacobs|USA

>Spikes|hCoV-19/England/ALDP-AA4AP7/2020|2020-10-21|EPI_ISL_630830|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19/Japan/PG-7969/2020|2020-05-00|EPI_ISL_687070|Original|hCoV-19
>Japan|Human|Kanagawa Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spikes|hCoV-19/England/MILK-A8E255/2020|2020-10-19|EPI_ISL_756377|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19/Australia/VIC7547/2020|2020-07-23|EPI_ISL_564490|Original|hCoV-19
>Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spikes|hCoV-19/Denmark/DGCC-3579/2020|2020-08-31|EPI_ISL_615907|Original|hCoV-19
>Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spikes|hCoV-19/Bangladesh/BCSIR-NILMRC-105/2020|2020-06-07|EPI_ISL_475757|Original|hCoV-19
>Rangpur|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spikes|hCoV-19/Japan/PG-7313/2020|2020-08-00|EPI_ISL_688416|Original|hCoV-19
>Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spikes|hCoV-19/Brazil/RS-6215/2020|2020-05-20|EPI_ISL_729835|Original|hCoV-19
>Rio Grande do Sul|Human|Laboratório Central de Saúde Pública do Estado do Rio Grande do Sul (LACEN-RS)|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spikes|hCoV-19/England/CAEACMC-BOB313/2020|2020-10-29|EPI_ISL_643644|Original|hCoV-19
>Rendom|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19/USA/LA-EVTL250/2020|2020-08-22|EPI_ISL_574384|Original|hCoV-19
>Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spikes|hCoV-19/USA/CA-CZB-3911/2020|2020-07-23|EPI_ISL_545839|Original|hCoV-19
>California|Human|Contra Costa Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spikes|hCoV-19/Canada/QC-LSPQ-L00232070/2020|2020-03-22|EPI_ISL_535972|Original|hCoV-19
>Quebec|Human|Hu080f4pital Charles-LeMoyne|Laboratoire de sant\u00e9|u00e9|publique du Qu\u00e9bec|Moreira|Canada

>Spikes|hCoV-19/England/NOTT-10E1A4/2020|2020-03-19|EPI_ISL_425506|Original|hCoV-19
>England|Human|Queens Centre Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spikes|hCoV-19/Denmark/DGCC-12756/2020|2020-11-09|EPI_ISL_682937|Original|hCoV-19
>Hvedsted|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsson|Denmark

>Spikes|hCoV-19/Denmark/DGCC-14894/2020|2020-11-23|EPI_ISL_711276|Original|hCoV-19
>Hvedsted|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsson|Denmark

>Spikes|hCoV-19/USA/UT-QDX-1473/2020|2020-03-14|EPI_ISL_603858|Original|hCoV-19
>Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spikes|hCoV-19/USA/TX-HMH-WCo4-14831/2020|2020-10-13|EPI_ISL_786315|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spikes|hCoV-19/USA/KY-CDC-2-3693493/2020|2020-11-05|EPI_ISL_747089|Original|hCoV-19
>Kentucky|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA
> Spike|hCoV-19|Wales/CVR4741/2020|2020-09-19|EPI_ISL_627333|Original|hCoV-19|Wales|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

> Spike|hCoV-19|USA/UA-WU126/2020|2020-03-12|EPI_ISL_416664|Original|hCoV-19|Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

> Spike|hCoV-19|England/LIVE-9C5A0/2020|2020-03-24|EPI_ISL_449556|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

> Spike|hCoV-19|England(PORT-2D1E1B/2020|2020-04-06|EPI_ISL_499282|Original|hCoV-19|England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

> Spike|hCoV-19|Wales/PHHC-4A3760/2020|2020-12-15|EPI_ISL_744133|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19|England/LOND-1260EB4/2020|2020-04-04|EPI_ISL_524689|Original|hCoV-19|England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|USA/WI-UW-1323/2020|2020-08-27|EPI_ISL_536694|Original|hCoV-19|Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

> Spike|hCoV-19|Spain/CT-ISICIII-201397/2020|2020-00-00|EPI_ISL_419707|Original|hCoV-19|Catalunya|Human|HOSPITAL CLINIC|Instituto de Salud Carlos III|Caballero|Spain

> Spike|hCoV-19|USA/CA-QDX-448/2020|2020-03-21|EPI_ISL_571170|Original|hCoV-19|California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

> Spike|hCoV-19|India/OR-RMRC23/2020|2020-04-04|EPI_ISL_455774|Original|hCoV-19|Odisha|Human|REGIONAL VRDL,ICMR-RMRC BBSR|ImmunoMolecular lab|Raghat|India

> Spike|hCoV-19|Denmark/DCGC-4647/2020|2020-09-14|EPI_ISL_621879|Original|hCoV-19|Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

> Spike|hCoV-19|Japan/PG-7410/2020|2020-07-00|EPI_ISL_688512|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

> Spike|hCoV-19|Scotland/QEUH-98FD18/2020|2020-08-27|EPI_ISL_568342|Original|hCoV-19|Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|USA/NY-NYCPHL-001401/2020|2020-11-18|EPI_ISL_683780|Original|hCoV-19|New York|Human|DOHMH Chelsea|New York City Public Health Laboratory|Wang|USA

> Spike|hCoV-19|Australia/VIC3571/2020|2020-07-08|EPI_ISL_520320|Original|hCoV-19|Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

> Spike|hCoV-19|USA/NY-PV08469/2020|2020-03-18|EPI_ISL_421413|Original|hCoV-19|New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

> Spike|hCoV-19|USA/FL-BPHL-1482/2020|2020-06-27|EPI_ISL_549264|Original|hCoV-19|Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

> Spike|hCoV-19|Wales/MILK-9AADCC/2020|2020-09-01|EPI_ISL_550901|Original|hCoV-19|Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|England/QEUH-9ADFD2/2020|2020-09-02|EPI_ISL_638619|Original|hCoV-19|England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

> Spike|hCoV-19|England/BRIS-128C58/2020|2020-04-15|EPI_ISL_458746|Original|hCoV-19|England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|USA/NM-NMDOH-2020329992/2020|2020-09-04|EPI_ISL_644601|Original|hCoV-19|New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA
Spike|hCoV-19/Australia/VIC596/2020|2020-03-25|EPI_ISL_426853|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
Spike|hCoV-19/England/CAMC-AAEF7E/2020|2020-10-25|EPI_ISL_633830|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/MILK-A45C10/2020|2020-10-06|EPI_ISL_598702|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/MA-MGH-00903/2020|2020-04-08|EPI_ISL_791816|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA
Spike|hCoV-19/USA/NY-NYCPHL-001147/2020|2020-10-25|EPI_ISL_671729|Original|hCoV-19^^New York|Human|DOHMH Morrisania|New York City Public Health Laboratory|Wang|USA
Spike|hCoV-19/Germany/BY-MVP-0119/2020|2020-03-20|EPI_ISL_451939|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute for Functional Genome Analysis|Graf|Germany
Spike|hCoV-19/Scotland/CVR1493/2020|2020-04-03|EPI_ISL_433600|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) consortium|Robertson|United Kingdom
Spike|hCoV-19/Russia/SVE-RII-MH1723S/2020|2020-09-18|EPI_ISL_602357|Original|hCoV-19^^Sverdlovsk|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia
Spike|hCoV-19/Wales/PWMC-30F55/2020|2020-04-09|EPI_ISL_446383|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
Spike|hCoV-19/England/MILK-B5604C/2020|2020-11-06|EPI_ISL_658328|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/TX-HMH-1999/2020|2020-05-18|EPI_ISL_545059|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/England/CAMC-94B4E6/2020|2020-07-25|EPI_ISL_556318|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Ireland/SO-NVRL-73IRL06915/2020|2020-09-02|EPI_ISL_639844|Original|hCoV-19^^Sligo|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland
Spike|hCoV-19/Luxembourg/LNS7395205/2020|2020-11-02|EPI_ISL_744565|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de santé|Wienecke-Baldacchino|Luxembourg
Spike|hCoV-19/USA/TX-HMH-MCOV-14430/2020|2020-10-07|EPI_ISL_787715|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/Wales/MILK-A473FB/2020|2020-10-06|EPI_ISL_609225|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Denmark/DCGC-1305/2020|2020-06-08|EPI_ISL_618088|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelesen|Denmark
Spike|hCoV-19/England/CAMB-1B19C6/2020|2020-05-14|EPI_ISL_452992|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) consortium|Meredith|United Kingdom
Spike|hCoV-19/DRC/10399/2020|2020-05-22|EPI_ISL_527491|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Likolo|Democratic Republic of the Congo
Spike|hCoV-19/England/NORT-282198/2020|2020-03-26|EPI_ISL_472202|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust / COVID-19 Genomics UK (COG-UK) consortium|Bashton|United Kingdom
> Spike|hCoV-19|USA/WA-10231/2020|2020-05-30|EPI_ISL_570284|Original|hCoV-19
> ^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
> Spike|hCoV-19|Scotland/CVR5309/2020|2020-10-22|EPI_ISL_651748|Original|hCoV-19
> ^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
> Spike|hCoV-19|Wales/PHWC-307A8/2020|2020-04-08|EPI_ISL_446278|Original|hCoV-19
> ^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
> Spike|hCoV-19|USA/CA-CZB-9756/2020|2020-06-02|EPI_ISL_672167|Original|hCoV-19
> ^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA
> Spike|hCoV-19|USA/AZ-TG547316/2020|2020-07-06|EPI_ISL_695479|Original|hCoV-19
> ^Arizona|Human|AZ SPHL|TGen North|French|USA
> Spike|hCoV-19|Northern Ireland/QEUH-9650C4/2020|2020-08-13|EPI_ISL_536933|Original|hCoV-19
> ^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|South Korea/KDCA0245/2020|2020-08-22|EPI_ISL_760010|Original|hCoV-19
> ^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea
> Spike|hCoV-19|England/ALDP-B73CCD/2020|2020-11-12|EPI_ISL_664881|Original|hCoV-19
> ^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
> Spike|hCoV-19|Bangladesh/BCSIR-NILMRC-327/2020|2020-06-03|EPI_ISL_498793|Original|hCoV-19
> ^Mymensingh|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh
> Spike|hCoV-19|England/CAMC-B99A30/2020|2020-11-15|EPI_ISL_673286|Original|hCoV-19
> ^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|England/ALDP-C06578/2020|2020-12-05|EPI_ISL_710663|Original|hCoV-19
> ^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|England/MLIK-C624B9/2020|2020-12-13|EPI_ISL_735754|Original|hCoV-19
> ^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|Australia/VIC12426/2020|2020-07-31|EPI_ISL_640558|Original|hCoV-19
> ^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19|Australia/VIC3649/2020|2020-07-09|EPI_ISL_520388|Original|hCoV-19
> ^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
> Spike|hCoV-19|Wales/PHWC-16BCC2/2020|2020-09-13|EPI_ISL_573963|Original|hCoV-19
> ^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19|England/QEUH-9C8C07/2020|2020-09-10|EPI_ISL_567169|Original|hCoV-19
> ^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England/QEUH-B7E873/2020|2020-11-14|EPI_ISL_668205|Original|hCoV-19
> ^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|Scotland/QEUH-A4B272/2020|2020-10-08|EPI_ISL_637681|Original|hCoV-19
> ^Scotland|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
> Spike|hCoV-19|Scotland/CVR5309/2020|2020-10-22|EPI_ISL_651748|Original|hCoV-19
> ^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
> Spike|hCoV-19|England/QEUH-997C4D/2020|2020-08-28|EPI_ISL_559754|Original|hCoV-19|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
> Spike|hCoV-19|Australia/VIC3023/2020|2020-07-01|EPI_ISL_521852|Original|hCoV-19|Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
> Spike|hCoV-19|Germany/HH-hpi-p1464/2020|2020-03-11|EPI_ISL_775977|Original|hCoV-19|Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany
> Spike|hCoV-19|South Korea/KDCA0437/2020|2020-10-29|EPI_ISL_760221|Original|hCoV-19|South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea
> Spike|hCoV-19|USA/WI-WSLH-200446/2020|2020-05-19|EPI_ISL_578592|Original|hCoV-19|Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA
> Spike|hCoV-19|Brazil/SP-427/2020|2020-07-15|EPI_ISL_603021|Original|hCoV-19|S\u00e9o Paulo|Human|Pronto Socorro Dr. Conrado Cesarino Nuvolini|Instituto Adolfo Lutz|Sacchi|Brazil
> Spike|hCoV-19|USA/CA-ALSR-1094-SAN/2020|2020-06-19|EPI_ISL_483521|Original|hCoV-19|California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA
> Spike|hCoV-19|USA/WI-UW-1434/2020|2020-09-12|EPI_ISL_541567|Original|hCoV-19|Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
> Spike|hCoV-19|Wales/PHWC-267D2/2020|2020-03-25|EPI_ISL_422182|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
> Spike|hCoV-19|Wales/PHWC-4A4723/2020|2020-12-16|EPI_ISL_763371|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19|England/CAMB-1BBD2A/2020|2020-11-14|EPI_ISL_679224|Original|hCoV-19|England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
> Spike|hCoV-19|England/1920055904/2020|2020-04-20|EPI_ISL_465363|Original|hCoV-19|England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
> Spike|hCoV-19|England/ALDP-9E722E/2020|2020-09-24|EPI_ISL_580448|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|France/ARA-107339/2020|2020-11-15|EPI_ISL_728310|Original|hCoV-19|Auvergne-Rh\u00e8one-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France
> Spike|hCoV-19|Scotland/EDB6052/2020|2020-05-08|EPI_ISL_487783|Original|hCoV-19|Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|New Zealand/20VR1959/2020|2020-04-06|EPI_ISL_579178|Original|hCoV-19|Southern|Human|Southern Community Labs Dunedin|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
> Spike|hCoV-19|England/ALDP-A702CF/2020|2020-10-15|EPI_ISL_607786|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England/MLIK-A7CF35/2020|2020-10-12|EPI_ISL_606835|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Scotland/MLIK-A69E01/2020|2020-10-09|EPI_ISL_625410|Original|hCoV-19|Scotland|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Northern Ireland/NIRE-10876C/2020|2020-09-11|EPI_ISL_585200|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
>Spk|hCoV-19/England/MILK-A05AE5/2020|2020-09-29|EPI_ISL_600022|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spk|hCoV-19/USA/TX-HMH-6544/2020|2020-06-18|EPI_ISL_546070|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spk|hCoV-19/Switzerland/ZH-ETHZ-410297/2020|2020-12-15|EPI_ISL_737567|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spk|hCoV-19/United Arab Emirates/16B/2020|2020-04-28|EPI_ISL_528690|Original|hCoV-19^^Abu Dhabi|Human|AlSafar - Khalifa University Abu Dhabi|AlSafar - Khalifa University Abu Dhabi|Daw ElBait|United Arab Emirates
>Spk|hCoV-19/England/LIVE-A9801/2020|2020-06-02|EPI_ISL_534752|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spk|hCoV-19/Mali/M002823/2020|2020-04-14|EPI_ISL_487463|Original|hCoV-19^^Mali|Human|CICM-Mali|Bundeswehr Institut Of Microbiology|Antwerpen|Mali
>Spk|hCoV-19/Scotland/CVR4845/2020|2020-10-02|EPI_ISL_594648|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spk|hCoV-19/Singapore/79/2020|2020-04-11|EPI_ISL_435684|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
>Spk|hCoV-19/Northern Ireland/NIRE-2340B6/2020|2020-10-13|EPI_ISL_680342|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
>Spk|hCoV-19/England/202822180/2020|2020-06-14|EPI_ISL_490236|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spk|hCoV-19/England/EXET-135405/2020|2020-04-15|EPI_ISL_457057|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spk|hCoV-19/USA/NY-NYPCHL-000119/2020|2020-03-30|EPI_ISL_631610|Original|hCoV-19^^New York|Human|Jamaica Medical Center|New York City Public Health Laboratory|Wang|USA
>Spk|hCoV-19/England/20122007006/2020|2020-03-16|EPI_ISL_465735|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spk|hCoV-19/Portugal/PT0821/2020|2020-03-20|EPI_ISL_511080|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal
>Spk|hCoV-19/England/CAMC-B083D7/2020|2020-10-29|EPI_ISL_643865|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spk|hCoV-19/USA/LA-GBCL-26492460/2020|2020-04-28|EPI_ISL_485037|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA
>Spk|hCoV-19/England/ALDP-5CB8B9/2020|2020-06-18|EPI_ISL_558606|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spk|hCoV-19/Saudi Arabia/KAUST-MAKKAH15/2020|2020-03-24|EPI_ISL_678096|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia
>Spk|hCoV-19/USA/TX-HMH-MCoV-14246/2020|2020-10-05|EPI_ISL_787531|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spk|hCoV-19/USA/TX-HMH-7254/2020|2020-06-29|EPI_ISL_546628|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spk|hCoV-19/USA/WA-UW-1683/2020|2020-03-20|EPI_ISL_424191|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
| Country       | Region          | Laboratory Name                                                   | Institute                                                                 |
|---------------|-----------------|-------------------------------------------------------------------|--------------------------------------------------------------------------|
| USA           | MN              | MDU                  | Human Department of Health and Medicine                                   |
| Texas         | Houston         | Methods Lab          | Houston Methodist Hospital                                                |
| Norway        | Hovedstaden     | Department of Virology and Immunology                              |
| Japan         | VR              | Pathogen Genomics Center                                         |
| England       | 19/Scotland     | NHSG West of Scotland Special Virology Centre                     |
| England       | 19/Louisiana    | Ochsner Health Bioinfoexperts                                     |
| USA           | WI              | Microbiological Diagnostic Unit                                   |
| Australia     | VIC             | Victorian Infectious Diseases Reference Laboratory                |
| Denmark       | DCGC-2220       | Department of Virology and Immunology                              |
| Japan         | IBV             | Department of Virology and Immunology                              |
| Michigan      | Garfin          | University of Michigan                                            |
| Spain         | Navarra         | University of Navarra                                             |
| USA           | MDU             | Department of Virology and Immunology                              |
| USA           | MN              | MDU                  | Human Department of Health and Medicine                                   |
| USA           | TX              | M Health Fairview                                                 |
| USA           | WI              | GMF                  | Human Department of Health and Medicine                                   |
| England       | ALDP            | Wellcome Sanger Institute                                         |
| USA           | CA              | University of California                                          |
| Denmark       | DCGC-19145      | Department of Virology and Immunology                              |
| USA           | CA              | University of California                                          |
| USA           | TX              | M Health Fairview                                                 |
| USA           | TX              | M Health Fairview                                                 |
| USA           | MN              | MDU                  | Human Department of Health and Medicine                                   |
| USA           | TX              | M Health Fairview                                                 |
| England       | ALDP            | Wellcome Sanger Institute                                         |
| USA           | CA              | University of California                                          |
| USA           | MN              | MDU                  | Human Department of Health and Medicine                                   |
| USA           | TX              | M Health Fairview                                                 |
| USA           | TX              | M Health Fairview                                                 |
| England       | ALDP            | Wellcome Sanger Institute                                         |
| USA           | CA              | University of California                                          |
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| England       | ALDP            | Wellcome Sanger Institute                                         |
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| England       | ALDP            | Wellcome Sanger Institute                                         |
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| England       | ALDP            | Wellcome Sanger Institute                                         |
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| England       | ALDP            | Wellcome Sanger Institute                                         |
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| England       | ALDP            | Wellcome Sanger Institute                                         |
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| England       | ALDP            | Wellcome Sanger Institute                                         |
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| England       | ALDP            | Wellcome Sanger Institute                                         |
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| England       | ALDP            | Wellcome Sanger Institute                                         |
| USA           | CA              | University of California                                          |
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| England       | ALDP            | Wellcome Sanger Institute                                         |
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| England       | ALDP            | Wellcome Sanger Institute                                         |
| USA           | CA              | University of California                                          |
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| England       | ALDP            | Wellcome Sanger Institute                                         |
| USA           | CA              | University of California                                          |
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| USA           | TX              | M Health Fairview                                                 |
| England       | ALDP            | Wellcome Sanger Institute                                         |
| USA           | CA              | University of California                                          |
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| England       | ALDP            | Wellcome Sanger Institute                                         |
| USA           | CA              | University of California                                          |
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| USA           | TX              | M Health Fairview                                                 |
| England       | ALDP            | Wellcome Sanger Institute                                         |
| USA           | CA              | University of California                                          |
| USA           | TX              | M Health Fairview                                                 |
| USA           | TX              | M Health Fairview                                                 |
>Spike|hCoV-19/Russia/BA-RII-12-5800V/2020|2020-00-00|EPI_ISL_507297|Vero Pl|hCoV-19^^Bashkortostan|Human|Republican Medical Genetics Center|WHO National Influenza Centre Russia Federation|Komissarlov|Russia
>Spicke|hCoV-19/USA/TX-DHS-0892/2020|2020-06-16|EPI_ISL_610028|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spicke|hCoV-19/England/QEUH-B669D5/2020|2020-11-11|EPI-ISL_654993|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spicke|hCoV-19/Scotland/GCVR-170107/2020|2020-03-23|EPI-ISL_459696|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre |MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spicke|hCoV-19/Scotland/EDB2739/2020|2020-03-27|EPI-ISL_487824|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|de Silva|United Kingdom
>Spicke|hCoV-19/USA/MI-MDHHS-SC21933/2020|2020-09-26|EPI-ISL_576200|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spicke|hCoV-19/Spain/VC-IBV-98003469/2020|2020-04-05|EPI-ISL_539270|Original|hCoV-19^^Comunitat Valenciana|Human|Hospital Universitario de La Ribera (Alzira)|SeqCOVID-SPAIN consortium/IBV(CSCIC)|Comas|Spain
>Spicke|hCoV-19/USA/ID-UW-4380/2020|2020-03-27|EPI-ISL_426068|Original|hCoV-19^^Idaho|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spicke|hCoV-19/Scotland/EDB2739/2020|2020-03-27|EPI-ISL_487824|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spicke|hCoV-19/Luxembourg/LNS3055496/2020|2020-11-15|EPI-ISL_740240|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\'eacute;|Laboratoire national de sant\'eacute;|Wiec\-eacute;nee-Baldacchino|Luxembourg
>Spicke|hCoV-19/Canada/ON-51558/2020|2020-09-03|EPI-ISL_755916|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
>Spicke|hCoV-19/Australia/VIC15114/2020|2020-08-10|EPI-ISL_593144|Original|hCoV-19^^Victoria|Human|Microbiological Diagnotic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spicke|hCoV-19/USA/MI-MDHHS-SC22519/2020|2020-11-18|EPI-ISL_708222|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA
>Spicke|hCoV-19/India/MH-NCCS-NR342/2020|2020-05-03|EPI-ISL_496586|Original|hCoV-19^^Maharashtra|Human|National Centre For Cell Science|National Centre For Cell Science|Paul|India
>Spicke|hCoV-19/England/QEUH-95F589/2020|2020-08-27|EPI-ISL_540125|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spicke|hCoV-19/England/MILK-C50515/2020|2020-12-11|EPI-ISL_736693|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spicke|hCoV-19/Japan/PG-6921/2020|2020-09-00|EPI-ISL_688028|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
>Spicke|hCoV-19/Wales/PHWC-16F7AF/2020|2020-10-04|EPI-ISL_586018|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spicke|hCoV-19/Netherlands/ZH-EMC-1093/2020|2020-12-13|EPI-ISL_722773|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands
>Spicke|hCoV-19/England/QEUH-98F589/2020|2020-08-27|EPI-ISL_540125|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Denmark/DCGC-1312/2020|2020-06-15|EPI_ISL_618096|Original|hCoV-19^^Hovedstenad|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
Spike|hCoV-19|England/ALDP-644D9A/2020|2020-07-04|EPI_ISL_558139|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA/ALD-200112/2020|2020-04-04|EPI_ISL_578343|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA
Spike|hCoV-19|Wales/PHWC-266E4/2020|2020-03-27|EPI_ISL_422256|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
Spike|hCoV-19|England/2020413704/2020|2020-05-13|EPI_ISL_465652|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
Spike|hCoV-19|England/QEUH-Bi2CEE/2020|2020-11-02|EPI_ISL_641853|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|USA/CA-CZB-3342/2020|2020-07-12|EPI_ISL_548328|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA
Spike|hCoV-19|Japan/PG-2277/2020|2020-04-00|EPI_ISL_685882|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19|England/2020413704/2020|2020-05-13|EPI_ISL_465652|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
Spike|hCoV-19|England/QEUH-Bi2CEE/2020|2020-11-02|EPI_ISL_641853|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|USA/CA-CZB-3342/2020|2020-07-12|EPI_ISL_548328|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA
Spike|hCoV-19|Japan/PG-0624/2020|2020-04-00|EPI_ISL_684234|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19|Netherlands/NB-EMC-257/2020|2020-07-08|EPI_ISL_523380|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
Spike|hCoV-19|Spain/CM-IBV-003777/2020|2020-04-03|EPI_ISL_474810|Original|hCoV-19^^Castilla La Mancha|Human|Complejo Hospitalario Universitario de Albacete|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
Spike|hCoV-19|USA/NY-NYUMC657/2020|2020-03-17|EPI_ISL_444774|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
Spike|hCoV-19|England/CAMC-AAF564/2020|2020-10-22|EPI_ISL_631272|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Singapore/1461/2020|2020-12-11|EPI_ISL_728197|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
Spike|hCoV-19|USA/WA-UW71/2020|2020-03-09|EPI_ISL_415599|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
Spike|hCoV-19|Latvia/097/2020|2020-07-25|EPI_ISL_512652|Original|hCoV-19^^Latvia|Human|Latvijas Infektolo\ļu0123ijas centr|Latvian Biomedical Research and Study Centre|Zrelovs|Latvia
Spike|hCoV-19|England/MLIK-9C45C4/2020|2020-09-07|EPI_ISL_566967|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA/TX-DSHS-0295/2020|2020-06-13|EPI_ISL_534263|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
Spike|hCoV-19|England/SHEF-CFF79/2020|2020-05-14|EPI_ISL_484507|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/England/CAMC-B09BED/2020|2020-10-30|EPI_ISL_673230|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spick|hCoV-19/USA/TX-HMH-MCoV-14220/2020|2020-10-05|EPI_ISL_787505|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spick|hCoV-19/USA/TX-HMH-MCoV-15175/2020|2020-10-21|EPI_ISL_786659|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spick|hCoV-19/Vietnam/VNHN_0299/2020|2020-03-09|EPI_ISL_435308|Original|hCoV-19^^Vietnam|Human|National Hospital of Tropical Diseases|Oxford University Clinical Research Unit|Nguyen|Vietnam
>Spick|hCoV-19/England/ALDP-A8731D/2020|2020-10-14|EPI_ISL_606156|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spick|hCoV-19/England/ALDP-B490D3/2020|2020-11-07|EPI_ISL_649395|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spick|hCoV-19/England/QUEH-AD19F4/2020|2020-10-26|EPI_ISL_634634|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spick|hCoV-19/USA/CA-CZB-1840/2020|2020-04-27|EPI_ISL_486153|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA
>Spick|hCoV-19/England/ALDP-404|2020-07-08|EPI_ISL_569000|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France
>Spick|hCoV-19/England/MILK-CA9A2D/2020|2020-12-16|EPI_ISL_762217|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spick|hCoV-19/England/ALDP-A50A18/2020|2020-10-07|EPI_ISL_597791|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spick|hCoV-19/England/QUEUH-95F02D/2020|2020-08-04|EPI_ISL_531879|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spick|hCoV-19/India/MH-NIV-QC-801/2020|2020-04-26|EPI_ISL_454570|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India
>Spick|hCoV-19/Denmark/DGCC-7687/2020|2020-10-19|EPI_ISL_618586|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spick|hCoV-19/England/EXET-13EC31/2020|2020-12-14|EPI_ISL_764211|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spick|hCoV-19/Belgium/rega-12111340/2020|2020-12-11|EPI_ISL_738393|Original|hCoV-19^^Mol|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Spick|hCoV-19/Scotland/QUEUH-AAE7C9/2020|2020-10-22|EPI_ISL_644101|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/FL-BPHL-0856/2020|2020-06-28|EPI_ISL_514202|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spicke|hCoV-19/Scotland/QEUH-4A41ED/2020|2020-10-07|EPI_ISL_628550|Original|hCoV-19^^Scotland|Human|Oxford Virionics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spicke|hCoV-19/Switzerland/BE-ETZH-350175/2020|2020-11-04|EPI_ISL_693826|Original|hCoV-19^^England|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spicke|hCoV-19/Australia/NSW1193/2020|2020-10-30|EPI_ISL_667793|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spicke|hCoV-19/England/NOTT-10EC2B/2020|2020-03-27|EPI_ISL_432905|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spicke|hCoV-19/USA/OR-OHSU-1905/2020|2020-07-28|EPI_ISL_526065|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O’Roak|USA
>Spicke|hCoV-19/USA/CA-HMH-3179/2020|2020-06-11|EPI_ISL_544053|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spicke|hCoV-19/USA/CA-CZB-6809/2020|2020-07-14|EPI_ISL_582884|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA
>Spicke|hCoV-19/USA/CA-LACPHL-AP00052/2020|2020-12-18|EPI_ISL_754127|Original|hCoV-19^^California|Human|USC Clinical Lab|Los Angeles County PHL|Hemarajata|USA
>Spicke|hCoV-19/England/EXET-138A6A/2020|2020-10-19|EPI_ISL_627433|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spicke|hCoV-19/Japan/PG-4245/2020|2020-07-00|EPI_ISL_692475|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Seikizuka|Japan
>Spicke|hCoV-19/Austria/CEMM0343/2020|2020-04-03|EPI_ISL_475804|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria
>Spicke|hCoV-19/England/20132108104/2020|2020-03-23|EPI_ISL_423848|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spicke|hCoV-19/USA/TX-HMH-18165/2020|2020-11-14|EPI_ISL_784513|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spicke|hCoV-19/England/1250734/2020|2020-04-22|EPI_ISL_489520|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spicke|hCoV-19/USA/WA-UW-12693/2020|2020-06-29|EPI_ISL_570890|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spicke|hCoV-19/United Arab Emirates/0547/2020|2020-05-15|EPI_ISL_698708|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
>Spicke|hCoV-19/England/LOND-1250734/2020|2020-10-26|EPI_ISL_665229|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Bytott|United Kingdom
>Spicke|hCoV-19/USA/MN-MDH-1435/2020|2020-03-31|EPI_ISL_514654|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA
>Spicke|hCoV-19/USA/CA-ALSR-2236/2020|2020-07-01|EPI_ISL_635398|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spicke|hCoV-19/USA/TX-HMH-4341/2020|2020-06-19|EPI_ISL_543544|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spicke|hCoV-19/England/QEUV-B66EBB/2020|2020-11-11|EPI_ISL_662088|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
**Spike**|hCoV-19/Wales/PHWC-26769/2020|2020-03-28|EPI_ISL_422189|Original|hCoV-19\^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/USA/IA-GBCL-26629239/2020|2020-04-21|EPI_ISL_485232|Original|hCoV-19\^Louisiana|Human|River Road Testing Lab|Girshman Lab - Yale School of Public Health|Grubaugh Lab - Yale School of Public Health
>Spoke|hCoV-19/England/QEUH-96A41E/2020|2020-08-12|EPI_ISL_531547|Original|hCoV-19\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19/Canada/NS-NML-1920/2020-04-14|EPI_ISL_579525|Original|hCoV-19\^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Major|Canada
>Spoke|hCoV-19/USA/VA-DCLS-0279/2020|2020-04-22|EPI_ISL_452848|Original|hCoV-19\^Florida|Human|Virginia DCLS|Virginia DCLS|Blackman|USA
>Spoke|hCoV-19/USA/WI-UW-2110/2020|2020-09-23|EPI_ISL_677515|Original|hCoV-19\^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spoke|hCoV-19/England/QEUH-B7F98E/2020|2020-11-14|EPI_ISL_668362|Original|hCoV-19\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19/England/QEUH-C57A79/2020|2020-12-12|EPI_ISL_736266|Original|hCoV-19\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19/England/QEUH-964BE2/2020|2020-08-13|EPI_ISL_531042|Original|hCoV-19\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19/USA/WA-UW-21753/2020|2020-08-05|EPI_ISL_571002|Original|hCoV-19\^Washington|Human|UW Virology Lab|UW Virology Lab|Roycloughurdy|USA
>Spoke|hCoV-19/Portugal/PT2063/2020|2020-11-10|EPI_ISL_732277|Original|hCoV-19\^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal
>Spoke|hCoV-19/USA/MI-MDHHS-SC20941/2020|2020-03-23|EPI_ISL_507731|Original|hCoV-19\^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spoke|hCoV-19/England/ALDP-70AD17/2020|2020-06-30|EPI_ISL_557680|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19/England/PORT-2CF6BE/2020|2020-05-12|EPI_ISL_461973|Original|hCoV-19\^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) consortium|Robson|United Kingdom
>Spoke|hCoV-19/Thailand/Bangkok 2488/2020|2020-03-13|EPI_ISL_455606|Vero P1|hCoV-19\^Bangkok|Human|Praram 9 Hospital|National Institute of Health. Department of medical sciences|Phuygun|Thailand
>Spoke|hCoV-19/England/QEUH-B12CFD/2020|2020-11-01|EPI_ISL_641763|Original|hCoV-19\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19/England/ALDP-AA3BE6/2020|2020-10-22|EPI_ISL_624311|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19/Portugal/PT1754/2020|2020-11-11|EPI_ISL_731990|Original|hCoV-19\^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal
>Spoke|hCoV-19/USA/CT-Yale-404/2020|2020-03-31|EPI_ISL_738304|Original|hCoV-19\^Connecticut|Human|Connecticut Veterans' Affairs Hospital|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA
>Spoke|hCoV-19/Italy/PIE-SLL-NZ148/2020|2020-04-08|EPI_ISL_569886|Original|hCoV-19\^Piedmont|Human|Amedeo di savoia|Crosseto lab|Harbers|Italy
> Spike | hCoV-19 | South Africa | KRISP | K002894/2020 | 2020-09-01 | EPI_ISL_602706 | Original | hCoV-19 | KwaZulu-Natal | Human | NHLS-IALCH | KRISP | de Oliveira | South Africa
> Spike | hCoV-19 | England | LOND-D621C | 2020 | 2020-04-20 | EPI_ISL_482206 | Original | hCoV-19 | England | Human | University College London | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom
> Spike | hCoV-19 | USA | AR-CDC-2-3693765 | 2020 | 2020-10-26 | EPI-ISL_747064 | Original | hCoV-19 | Arkansas | Human | Respiratory Viruses Branch | Respiratory Viruses Branch | Queen | USA
> Spike | hCoV-19 | Switzerland | BS-42218669 | 2020 | 2020-04-03 | EPI-ISL_581836 | Original | hCoV-19 | Basel-Stadt | Human | University Hospital Basel | University Hospital Basel | Rolff Handschin | Switzerland
> Spike | hCoV-19 | England | QUEH-B12264 | 2020 | 2020-11-01 | EPI-ISL_642243 | Original | hCoV-19 | England | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom
> Spike | hCoV-19 | Luxembourg | LNS9063347 | 2020 | 2020-04-21 | EPI-ISL_445067 | Original | hCoV-19 | Luxembourg | Human | Laboratoire National de Santé | Laboratoire National de Santé | Wienecke-Baldacchino | Luxembourg
> Spike | hCoV-19 | Wales | PHWRC-2E172 | 2020 | 2020-04-07 | EPI-ISL_446064 | Original | hCoV-19 | Wales | Human | Wales Specialist Virology Centre | Public Health Wales Microbiology Cardiff | Moore | United Kingdom
> Spike | hCoV-19 | England | QUEH-C4BD24 | 2020 | 2020-12-14 | EPI-ISL_736745 | Original | hCoV-19 | England | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom
> Spike | hCoV-19 | Saudi Arabia | KAUST-JEDDAH525 | 2020 | 2020-04-23 | EPI-ISL_512944 | Original | hCoV-19 | Jeddah | Human | Pathogen Genomics Lab | King Abdullah University of Science and Technology (KAUST) | Pathogen Genomics Lab | King Abdullah University of Science and Technology (KAUST) | Mohamed Ghazzali | Saudi Arabia
> Spike | hCoV-19 | Wales | PHWRC-165493 | 2020 | 2020-05-26 | EPI-ISL_479469 | Original | hCoV-19 | Wales | Human | Wales Specialist Virology Centre Sequencing lab | COVID-19 Genomics UK (COG-UK) Consortium | Moore | United Kingdom
> Spike | hCoV-19 | England | CAMC-B34BE9 | 2020 | 2020-11-05 | EPI-ISL_659696 | Original | hCoV-19 | England | Human | Lighthouse Lab in Cambridge | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom
> Spike | hCoV-19 | England | ALDP-B636FF | 2020 | 2020-11-09 | EPI-ISL_656415 | Original | hCoV-19 | England | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom
> Spike | hCoV-19 | Ireland | D-NVRL-20G48640 | 2020 | 2020-04-04 | EPI-ISL_708511 | Original | hCoV-19 | Dublin | Human | National Virus Reference Laboratory | Irish Coronavirus Sequencing Consortium - Teagasc Oakpark | Della Bartola | Ireland
> Spike | hCoV-19 | USA | WA-UK-11165 | 2020 | 2020-06-19 | EPI-ISL_570378 | Original | hCoV-19 | Washington | Human | UW Virology Lab | UW Virology Lab | Roychoudhury | USA
> Spike | hCoV-19 | USA | MI-MDHS-SC21463 | 2020 | 2020-03-25 | EPI-ISL_507717 | Original | hCoV-19 | Michigan | Human | Michigan Department of Health and Human Services | Michigan Department of Health and Human Services | Blankenship | USA
> Spike | hCoV-19 | Hong Kong | HKU-200723-036 | 2020 | 2020-07-06 | EPI-ISL_497803 | Original | hCoV-19 | Hong Kong | Human | Department of Microbiology | Department of Microbiology | Chan | China
> Spike | hCoV-19 | USA | CA-CZB-15169 | 2020 | 2020-11-23 | EPI-ISL_739626 | Original | hCoV-19 | California | Human | Santa Clara County Public Health Laboratory | Chan-Zuckerberg Biohub | Kamm | USA
> Spike | hCoV-19 | Australia | VIC17103 | 2020 | 2020-08-06 | EPI-ISL_663733 | Original | hCoV-19 | Victoria | Human | Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) | MDU-PHL | Schultz | Australia
> Spike | hCoV-19 | Russia | SVE-RII-MH1713S | 2020 | 2020-09-17 | EPI-ISL_602350 | Original | hCoV-19 | Sverdlovsk | Human | HELIX LLC | WHO National Influenza Centre | Russian Federation | Komissarov | Russia
> Spike|hCoV-19/England/ALDP-4A437A/2020|2020-06-03|EPI_ISL_559562|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/ALDP-9C5806/2020|2020-09-11|EPI_ISL_567736|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/ALDP-953F35/2020|2020-06-12|EPI_ISL_553843|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Denmark/DCGC-20008/2020|2020-12-07|EPI_ISL_747926|Original|hCoV-19\^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
> Spike|hCoV-19/Ireland/D-NVRL-AIIIDV0071v1/2020|2020-04-07|EPI_ISL_644316|Original|hCoV-19\^Dublin|Human|CEPHR / Vincent's Hospital|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland
> Spike|hCoV-19/England/ALDP-9C5806/2020|2020-09-11|EPI_ISL_567736|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Ireland/D-NVRL-AIIIDV0071v1/2020|2020-04-07|EPI_ISL_644316|Original|hCoV-19\^Dublin|Human|CEPHR / Vincent's Hospital|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland
> Spike|hCoV-19/England/ALDP-953F35/2020|2020-06-12|EPI_ISL_553843|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/ALDP-953F35/2020|2020-06-12|EPI_ISL_553843|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/ALDP-953F35/2020|2020-06-12|EPI_ISL_553843|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Germany/BW/7675/2020|2020-05-25|EPI_ISL_677827|Original|hCoV-19^\^Baden-W\u00fcrttemberg|Human|MVZ Labor\u00e4rzte Singen|Centre Muraz|Ouedraogo|Burkina Faso
> Spike|hCoV-19/USA/CA-IGI-0546/2020|2020-08-01|EPI_ISL_677827|Original|hCoV-19^\^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA
> Spike|hCoV-19/Netherlands/NA_709/2020|2020-05-12|EPI_ISL_461144|Original|hCoV-19^\^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
> Spike|hCoV-19/Spain/IB-IVB-99011550/2020|2020-12-21|EPI_ISL_779892|Original|hCoV-19^\^Balear Islands|Human|Servicio de Microbiologia\u00eda SeqCOVID-SPAIN consortium|IBV(Csic)|Comas|Spain
> Spike|hCoV-19/Netherlands/NA_709/2020|2020-05-12|EPI_ISL_461144|Original|hCoV-19^\^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
> Spike|hCoV-19/USA/VA-DCLS-1892/2020|2020-10-01|EPI_ISL_614147|Original|hCoV-19^\^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
> Spike|hCoV-19/France/ARA-SC045/2020|2020-04-01|EPI_ISL_666665|Original|hCoV-19^\^Auvergne-Rh\u00e0\u00f4ne-Alpes|Human|Laboratoire du Centre Hospitalier Annecy Genevois|CNR Virus des Infections Respiratoires - France SUD|Bal|France
> Spike|hCoV-19/England/QEUH-9F83DC/2020|2020-09-27|EPI_ISL_588800|Original|hCoV-19^\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/Aldebrecht-PHI-2727/2020|2020-12-25|EPI_ISL_559562|Original|hCoV-19^\^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Wales/PHWC-499BCB/2020|2020-11-25|EPI_ISL_727413|Original|hCoV-19^\^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/USA/GA-CDC-7675/2020|2020-10-27|EPI_ISL_681822|Original|hCoV-19^\^Georgia|Human|GA Department of Public Health Laboratory|Pathogen Discovery|Queen|USA
> Spike|hCoV-19/mink/Netherlands/NA_709/2020|2020-05-25|EPI_ISL_677827|Original|hCoV-19^\^Baden-W\u00fcrttemberg|Human|MVZ Labor\u00e4rzte Singen|Centre Muraz|Ouedraogo|Burkina Faso
> Spike|hCoV-19/Germany/BW-IVBZ-37/2020|2020-04-08|EPI_ISL_640254|Original|hCoV-19^\^Baden-W\u00fcrttemberg|Human|MVZ Labor\u00e4rzte Singen|Centre Muraz|Ouedraogo|Burkina Faso
> Spike|hCoV-19/Italy/BAS-IIZSPB-357PT/2020|2020-10-27|EPI_ISL_722902|Original|hCoV-19^\^Basilicata|Human|Istituto Zooprofilattico Sperimentale della Puglia e della
Basilicata|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

> Spike|CoV-19|Denmark|ALAB-SS1194/2020|2020-03-09|EPI_ISL_429395|Original|hCoV-19|Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

> Spike|CoV-19|England|ALDP-A8784B/2020|2020-10-17|EPI_ISL_606009|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|CoV-19|Spain|MD-IBV-99008468/2020|2020-08-06|EPI_ISL_654054|Original|hCoV-19|Madrid|Human|Hospital General Universitario Gregorio Marañón|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

> Spike|CoV-19|England|QEUV-8A030C5/2020|2020-07-24|EPI_ISL_532779|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|CoV-19|England|ALDP-68D5F/2020|2020-07-02|EPI_ISL_558188|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|CoV-19|England|GSTT-6742/2020|2020-03-30|EPI_ISL_560724|Original|hCoV-19|England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Awan|United Kingdom

> Spike|CoV-19|Denmark|ALAB-SS1495/2020|2020-03-24|EPI_ISL_429570|Original|hCoV-19|Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

> Spike|CoV-19|Wales|MILK-9EEFA8/2020|2020-09-24|EPI_ISL_594891|Original|hCoV-19|Wales|Human|Oxford Virionics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

> Spike|CoV-19|Switzerland|BS-UHB-42199675/2020|2020-03-20|EPI_ISL_528243|Original|hCoV-19|Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Rolloff Handschin|Switzerland

> Spike|CoV-19|Wales|PHWC-48B3E2/2020|2020-11-05|EPI_ISL_666233|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|CoV-19|Denmark|DGGC-14386/2020|2020-11-30|EPI_ISL_711736|Original|hCoV-19|Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

> Spike|CoV-19|France|IDF-10004CF/2020|2020-03-00|EPI_ISL_447695|Original|hCoV-19|France|Human|H\u00f4pital Henri-Mondor Ap-Hp|H\u00f4pital Henri-Mondor Ap-Hp|Rodriguez|France

> Spike|CoV-19|Canada|BC-BCCDC-6411/2020|2020-10-00|EPI_ISL_740566|Original|hCoV-19|British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajeczyk|Canada

> Spike|CoV-19|USA|CT-Yale-086/2020|2020-04-07|EPI_ISL_428394|Original|hCoV-19|Connecticut|Human|Yale COVID-19 BioRepository|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

> Spike|CoV-19|England|ALDP-AAOF65/2020|2020-10-22|EPI_ISL_624322|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|CoV-19|USA|NM-DOH-2020318888/2020|2020-08-29|EPI_ISL_732741|Original|hCoV-19|New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

> Spike|CoV-19|USA|MN-MDH-1712/2020|2020-08-19|EPI_ISL_560799|Original|hCoV-19|Minnesota|Human|M Health Fairview|Minnesota Department of Health|Garfin|USA

> Spike|CoV-19|England|BIRM-5E9DB/2020|2020-04-26|EPI_ISL_447927|Original|hCoV-19|England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

> Spike|CoV-19|England|MILK-9F0DD6/2020|2020-09-24|EPI_ISL_589582|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMC-C738E6/2020|2020-12-15|EPI_ISL_769210|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-15899/2020|2020-11-23|EPI_ISL_713510|Original|hCoV-19^^South Korea|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Germany/By-MVP-0226/2020|2020-04-23|EPI_ISL_466896|Original|hCoV-19^^South Korea|Human|Max von Pettenkofer Institute|Laboratory for Functional Genomic Analysis|Graf|Germany
>Spike|hCoV-19/Switzerland/ZH-ETHZ-200037/2020|2020-07-16|EPI_ISL_510725|Original|hCoV-19^^South Korea|Human|Biological Sciences|Nadeau|Switzerland
>Spike|hCoV-19/USA/AZ-TG547364/2020|2020-07-07|EPI_ISL_695507|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA
>Spike|hCoV-19/England/ALDP-C580C1/2020|2020-12-13|EPI_ISL_736122|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/India/MH-APMC-5827/2020|2020-05-25|EPI_ISL_497881|Original|hCoV-19^^Maharashtra|Human|Armed Forces Medical College|National Centre For Cell Science|Paul|India
>Spike|hCoV-19/Switzerland/BL-ETHZ-340150/2020|2020-10-27|EPI_ISL_721777|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/Luxembourg/LNS3483404/2020|2020-07-18|EPI_ISL_740314|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de santé|u00e9|Laboratoire national de santé|u00e9|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/England/QEUH-9CFBBC/2020|2020-09-14|EPI_ISL_589978|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/NY-NYCPHL-001297/2020|2020-11-09|EPI_ISL_683959|Original|hCoV-19^^New York|Human|DOHMH Morrisania|New York City Public Health Laboratory|Wang|USA
>Spike|hCoV-19/England/ALDP-B46DEE/2020|2020-11-07|EPI-ISL_655959|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/GA-CDC-5479/2020|2020-09-03|EPI-ISL_647988|Original|hCoV-19^^Georgia|Human|GA Department of Public Health Laboratory|Pathogen Discovery|Queen|USA
>Spike|hCoV-19/USA/UT-08680/2020|2020-05-07|EPI-ISL_524402|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/England/CAMC-9C1A5F/2020|2020-09-10|EPI-ISL_573217|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MC00-15307/2020|2020-10-19|EPI-ISL_786791|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Denmark/DCGC-9438/2020|2020-11-09|EPI-ISL_668971|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Wales/PHWC-48D9A2/2020|2020-11-12|EPI-ISL_680706|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/WI-UW-1443/2020|2020-09-12|EPI-ISL_541575|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/England/CAMC-SYDDANMARK-20878/2020|2020-12-21|EPI-ISL_759423|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/South Korea/KCDC2386/2020|2020-06-01|EPI-ISL_514789|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea
>Spike|hCoV-19/Wales/PHWC-16E0B4/2020|2020-09-30|EPI_ISL_585665|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00266/2020|2020-04-17|EPI_ISL_791700|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Germany/HH-hpi-p1418/2020|2020-03-10|EPI_ISL_775944|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Hungary/SRC-00067/2020|2020-03-20|EPI_ISL_435404|Original|hCoV-19^^Baranya|Human|Virolological Research Group|Bioinformatics Research Group|Herczeg|Hungary

>Spike|hCoV-19/Scotland/QEUH-9FFCDA/2020|2020-10-02|EPI_ISL_600142|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A329C/2020|2020-12-14|EPI_ISL_744079|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00912/2020|2020-10-19|EPI_ISL_692835|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/England/ALDP-9D93B3/2020|2020-09-18|EPI_ISL_576723|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Colombia/VAC-INS-79929/2020|2020-03-14|EPI_ISL_456136|Original|hCoV-19^^Valle del Cauca|Human|Instituto Nacional de Salud - Unidad de Secuenciación|Vla00f3n y Anv00e0lisis Geny|Colombia

>Spike|hCoV-19/England/MILK-B3DB1D/2020|2020-11-01|EPI_ISL_741389|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS4319303/2020|2020-12-02|EPI_ISL_771002|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\’00e9|Luxembourg

>Spike|hCoV-19/Denmark/DGCC-6485/2020|2020-10-05|EPI_ISL_620385|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelesen|Denmark

>Spike|hCoV-19/Switzerland/VS-ETHZ-410544/2020|2020-11-26|EPI_ISL_737855|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/BIRM-67580/2020|2020-10-22|EPI_ISL_651617|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036825820/2020|2020-11-06|EPI_ISL_728428|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/NORT-281C4D/2020|2020-03-23|EPI_ISL_478476|Original|hCoV-19^^England|Human|Northumbria University|South Tees Hospitals NHS Foundation Trust|North Cumbria Integrated Care NHS Foundation Trust|North Tees and Hartlepool NHS Foundation Trust|Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
> Spike|hCoV-19/Wales/PHWC-2D4E3/2020|2020-04-05|EPI_ISL_445993|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
> Spike|hCoV-19/USA/AZ-TG305899/2020|2020-04-29|EPI_ISL_694291|Original|hCoV-19^Arizona|Human|AZ SPHL|TGen North|French|USA
> Spike|hCoV-19/England/ALDP-A864DF/2020|2020-10-17|EPI_ISL_605956|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/LIVE-9901B/2020|2020-04-07|EPI_ISL_439684|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
> Spike|hCoV-19/USA/NY-NYCPHL-000819/2020|2020-03-28|EPI_ISL_632196|Original|hCoV-19^New York|Human|Flushing Hospital Medical Center|New York City Public Health Laboratory|Wang|USA
> Spike|hCoV-19/Wales/ALDP-C39749/2020|2020-12-07|EPI_ISL_767200|Original|hCoV-19^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/TX-HMH-2595/2020|2020-06-07|EPI_ISL_545416|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19/Switzerland/AG-ETHZ-270106/2020|2020-09-02|EPI_ISL_541407|Original|hCoV-19^Aargau|Human|Violler AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
> Spike|hCoV-19/Italy/CAM-IZSM-124821/2020|2020-08-30|EPI_ISL_738132|Original|hCoV-19^Campania|Human|IZSM-U.O.C. Virologia|Istituto Zooprofilattico Sperimentale del Mezzogiorno|Vissardi|Italy
> Spike|hCoV-19/England/CAMC-B22EE5/2020|2020-11-03|EPI_ISL_647415|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/England/ALDP-B8417F/2020|2020-11-14|EPI_ISL_675377|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/England/LOND-12672DF/2020|2020-12-08|EPI_ISL_741267|Original|hCoV-19^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
> Spike|hCoV-19/England/ALDP-CBE436/2020|2020-12-18|EPI_ISL_760644|Original|hCoV-19^England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/Switzerland/BL-42204470/2020|2020-03-24|EPI_ISL_581727|Original|hCoV-19^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland
> Spike|hCoV-19/Wales/PHWC-26408/2020|2020-03-27|EPI_ISL_422302|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
> Spike|hCoV-19/Denmark/DGCC-18075/2020|2020-12-14|EPI_ISL_749740|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Aalbertsen Lab|Michaelsen|Denmark
> Spike|hCoV-19/England/MILK-9F0996/2020|2020-09-24|EPI_ISL_589705|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/CA-CHLA-PLM69425240/2020|2020-12-17|EPI_ISL_753684|Original|hCoV-19^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA
> Spike|hCoV-19/USA/NY-Wadsworth-203546-01/2020|2020-08-25|EPI_ISL_677080|Original|hCoV-19^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
> Spike|hCoV-19/England/ALDP-9551B5/2020|2020-06-12|EPI_ISL_553601|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England|EPI_ISL_633689|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Jordan|AM-ALSR|EPI_ISL_730553|Original|hCoV-19
^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan
Spike|hCoV-19|USA|TX-HMH-MCoV|EPI ISL 784649|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|Costa Rica|EPI ISL 770016|Original|hCoV-19
^San Jose|Human|Area De Salud Goicoechea 2 - Clinica Dr. Jimenez Nu\u00f1ez|Inciensa|Soto-Garita|Costa Rica
Spike|hCoV-19|Ukraine|EPI ISL 512640|Original|hCoV-19
^Ukraine|Human|National Laboratory for Influenza/Virology reference laboratory|Respiratory Virus Unit|Platt|Ukraine
Spike|hCoV-19|Scotland|EPI ISL 599452|Original|hCoV-19
^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Australia|EPI ISL 562964|Original|hCoV-19
^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19|Canada|EPI ISL 417282|Original|hCoV-19
^Canada|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|Canada
Spike|hCoV-19|South Africa|EPI ISL 515701|Original|hCoV-19
^South Africa|KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
Spike|hCoV-19|USA|EPI ISL 574362|Original|hCoV-19
^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
Spike|hCoV-19|Canada|EPI ISL 740578|Original|hCoV-19
^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada
Spike|hCoV-19|USA|EPI ISL 783708|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|Switzerland|EPI ISL 693793|Original|hCoV-19
^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
Spike|hCoV-19|Denmark|EPI ISL 711795|Original|hCoV-19
^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albersen Lab|Michaelsen|Denmark
Spike|hCoV-19|England|EPI ISL 533183|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA|EPI ISL 571799|Original|hCoV-19
^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
Spike|hCoV-19|Scotland|EPI ISL 601952|Original|hCoV-19
^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Japan|EPI ISL 691823|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
Spike|hCoV-19|Wales|EPI ISL 711023|Original|hCoV-19
^Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|USA|EPI ISL 565976|Original|hCoV-19
^Michigan|Human|The First Affiliated Hospital of Guangzhou Medical University|BGI-shenzhen & The First Affiliated Hospital of Guangzhou Medical University|Ji|China
> Spike | hCoV-19 | England/NORT-2836E3/2020 | 2020-03-31 | EPI_ISL_488526 | Original | hCoV-19
^England | Human | NU-OMICS DNA Sequencing research facility | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> Spike | hCoV-19 | Netherlands/Utrecht_14/2020 | 2020-03-04 | EPI-ISL_414464 | Original | hCoV-19
^Utrecht | Human | Dutch COVID-19 response team | Erasmus Medical Center | Oude Munnink | Netherlands

> Spike | hCoV-19 | Singapore/141nan/2020 | 2020-03-19 | EPI-ISL_648066 | Original | hCoV-19
^Singapore | Human | Department of Laboratory Medicine | Department of Laboratory Medicine | Chen | Singapore

> Spike | hCoV-19 | England/ALDP-95475A/2020 | 2020-06-09 | EPI-ISL_555317 | Original | hCoV-19
^England | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> Spike | hCoV-19 | Switzerland/GE-SNRCl-7313/2020 | 2020-03-00 | EPI-ISL_548189 | Original | hCoV-19
^Geneve | Human | Laboratoire de Virologie | Swiss National Reference Centre for Influenza | Gon\u00e7alves Cabecinhas | Switzerland

> Spike | hCoV-19 | England/GSTT-265D78B/2020 | 2020-03-24 | EPI-ISL_484010 | Original | hCoV-19
^England | Human | Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit | COVID-19 Genomics UK (COG-UK) Consortium | Aw
d Silva | United Kingdom

> Spike | hCoV-19 | England/QEUH-9DA8E0/2020 | 2020-09-21 | EPI-ISL_601358 | Original | hCoV-19
^Scotland | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> Spike | hCoV-19 | USA/MI-UM-10036607628/2020 | 2020-10-24 | EPI-ISL_650108 | Original | hCoV-19
^Michigan | Human | University of Michigan Clinical Microbiology Laboratory | Lauring Lab | Valesano | USA

> Spike | hCoV-19 | Wales/PHWC-49FB4D/2020 | 2020-12-09 | EPI-ISL_743323 | Original | hCoV-19
^Wales | Human | Wales Specialist Virology Centre Sequencing lab | COVID-19 Genomics UK (COG-UK) Consortium | Moore | United Kingdom

> Spike | hCoV-19 | England/QEUH-998A60/2020 | 2020-08-24 | EPI-ISL_540116 | Original | hCoV-19
^England | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> Spike | hCoV-19 | USA/TX-HMH-1938/2020 | 2020-05-13 | EPI-ISL_542910 | Original | hCoV-19
^Texas | Human | Houston Methodist Hospital | Houston Methodist Hospital | Long | USA

> Spike | hCoV-19 | Japan/PG-2690/2020 | 2020-03-00 | EPI-ISL_690822 | Original | hCoV-19
^Japan | Human | Kanagawa Prefectural Institute of Public Health | Pathogen Genomics Center | Sekizuka | Japan

> Spike | hCoV-19 | USA/UT-UPHL-2009047/2020 | 2020-05-13 | EPI-ISL_525061 | Original | hCoV-19
^Utah | Human | Utah Public Health Laboratory | Utah Public Health Laboratory | Young | USA

> Spike | hCoV-19 | France/ARA-124622/2020 | 2020-12-24 | EPI-ISL_779783 | Original | hCoV-19
^Auvergne-Rh\u00e9\00f4ne-Alpes | Human | CNR Virus des Infections Respiratoires - France Sud | CNR Virus des Infections Respiratoires - France Sud | Bal | France

> Spike | hCoV-19 | England/MILK-99B56C/2020 | 2020-08-30 | EPI-ISL_550307 | Original | hCoV-19
^England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> Spike | hCoV-19 | Japan/Pg-5119/2020 | 2020-08-00 | EPI-ISL_690228 | Original | hCoV-19
^Japan | Human | Gunma Prefectural Institute of Public Health and Environmental Sciences | Patogen Genomics Center | Sekizuka | Japan

> Spike | hCoV-19 | USA/AZ-TG491551/2020 | 2020-06-21 | EPI-ISL_695165 | Original | hCoV-19
^Arizona | Human | AZ SPHL | TGene North | French | USA

> Spike | hCoV-19 | USA/TX-HMH-MCoV-12437/2020 | 2020-09-28 | EPI-ISL_790342 | Original | hCoV-19
^Texas | Human | Houston Methodist Hospital | Houston Methodist Hospital | Long | USA

> Spike | hCoV-19 | England/CAMC-B9A695/2020 | 2020-11-15 | EPI-ISL_673727 | Original | hCoV-19
^England | Human | Lighthouse Lab in Cambridge | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom

> Spike | hCoV-19 | USA/TX-DSHS-1616/2020 | 2020-10-08 | EPI-ISL_700736 | Original | hCoV-19
^Texas | Human | Texas Department of State Health Services | Texas Department of State Health Services | Rahman | USA
Spike|hCoV-19/Spain/IVB-003213/2020|2020-03-13|EPI_ISL_480969|Original|hCoV-19**Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. |u00c9rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
Spike|hCoV-19/Germany/HH-hpi-p1324/2020|2020-03-23|EPI_ISL_775880|Original|hCoV-19**Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany
Spike|hCoV-19/England/204990708/2020|2020-00-00|EPI_ISL_710518|Original|hCoV-19**England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
Spike|hCoV-19/USA/CA-QDX-1119/2020|2020-03-20|EPI_ISL_571814|Original|hCoV-19**California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
Spike|hCoV-19/Northern Ireland/QEUEH-77A78D/2020|2020-07-16|EPI_ISL_533052|Original|hCoV-19**Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium/Davies|United Kingdom
Spike|hCoV-19/Scotland/QEUEH-964F22/2020|2020-08-13|EPI_ISL_531103|Original|hCoV-19**Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium/Davies|United Kingdom
Spike|hCoV-19/USA/CA-QDX-713/2020|2020-03-20|EPI_ISL_571446|Original|hCoV-19**Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
Spike|hCoV-19/Scotland/QEUEH-C01D57/2020|2020-12-05|EPI_ISL_757241|Original|hCoV-19**Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium/Davies|United Kingdom
Spike|hCoV-19/USA/MI-QDX-15606/2020|2020-03-13|EPI_ISL_418788|Original|hCoV-19**Washington|Human|WA State Department of Health|Pathogen Discovery|Queen|USA
Spike|hCoV-19/USA/UT-UPHL-2008989/2020|2020-05-15|EPI_ISL_525303|Original|hCoV-19**Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
Spike|hCoV-19/Sweden/20-52355/2020|2020-07-07|EPI_ISL_548256|Original|hCoV-19**Varmland|Human|Centralsjukhuset|The Public Health Agency of Sweden|Svartstru|006f6m|Sweden
Spike|hCoV-19/England/SHEF-C6877/2020|2020-05-23|EPI_ISL_559911|Original|hCoV-19**England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium/de Silva|United Kingdom
Spike|hCoV-19/England/QEUEH-9B5317/2020|2020-09-03|EPI_ISL_590345|Original|hCoV-19**England|Human|Lighthouse Lab in Glasgow|Wellcome S\u00a7nger Institute for the COVID-19 Genomics UK (COG-UK) consortium/Davies|United Kingdom
Spike|hCoV-19/Canada/ON-S1312/2020|2020-04-11|EPI_ISL_586349|Original|hCoV-19**Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
Spike|hCoV-19/USA/TX-HMH-MCoV-15606/2020|2020-10-26|EPI_ISL_787090|Original|hCoV-19**Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/Australia/VIC13925/2020|2020-08-15|EPI_ISL_562654|Original|hCoV-19**Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19/England/MILK-8523A4/2020|2020-07-17|EPI_ISL_557397|Original|hCoV-19**England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium/Davies|United Kingdom
Spike|hCoV-19/England/ALDP-9E9B21/2020|2020-09-24|EPI_ISL_580007|Original|hCoV-19**England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium/Davies|United Kingdom
Spike|hCoV-19/Denmark/DCGC-12320/2020|2020-11-16|EPI_ISL_682501|Original|hCoV-19**Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics/Albertsen Lab|Michaelsen|Denmark
Spike|hCoV-19/Australia/VIC17234/2020|2020-08-14|EPI_ISL_663808|Original|hCoV-19**Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike | hCoV-19 | England | ALDP-A6FEB/2020 | 2020-10-14 | EPI_ISL_607737 | Original | hCoV-19
> England | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom
> Spike | hCoV-19 | South Africa | KRIISP-FK004079 | 2020-10-19 | EPI_ISL_635055 | Original | hCoV-19
> England | Human | KwaZulu-Natal | Human | National Health Laboratory Service - Inkosi Albert Luthuli Central Hospital (NHLS-IALCH) | KRISP | de Oliveira | South Africa
> Spike | hCoV-19 | England | CAMC-B52B5E/2020 | 2020-11-09 | EPI_ISL_657383 | Original | hCoV-19
> England | Human | Lighthouse Lab in Cambridge | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom
> Spike | hCoV-19 | USA | FL-BPHL-1322/2020 | 2020-07-14 | EPI_ISL_541260 | Original | hCoV-19
> Florida | Human | Florida Bureau of Public Health Laboratories | Florida Bureau of Public Health Laboratories | Blanton | USA
> Spike | hCoV-19 | Chile | RM-0807-052/2020 | 2020-07-07 | EPI_ISL_755305 | Original | hCoV-19
> Region Metropolitana de Santiago | Human | Laboratorio de Virología | Center for Mathematical Modeling and Center for Genome Regulation. Santiago | Palma
> Spike | hCoV-19 | England | MILK-9AA175/2020 | 2020-09-01 | EPI_ISL_550927 | Original | hCoV-19
> England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom
> Spike | hCoV-19 | Wales | P4WC-499CAA/2020 | 2020-12-04 | EPI_ISL_727427 | Original | hCoV-19
> Wales | Human | Originating lab | COVID-19 Genomics UK (COG-UK) consortium | Moore | United Kingdom
> Spike | hCoV-19 | Bangladesh | BCSIR-NILMRC-255/2020 | 2020-07-07 | EPI_ISL_490167 | Original | hCoV-19
> Khulna | Human | National Institute of Laboratory Medicine and Referral Center | Genomic Research Lab | Khan | Bangladesh
> Spike | hCoV-19 | USA | CA-CZB-14666/2020 | 2020-11-16 | EPI_ISL_738755 | Original | hCoV-19
> California | Human | Orange County Public Health Lab | Chan-Zuckerberg Biohub | Kamm | USA
> Spike | hCoV-19 | Scotland | EDB1197/2020 | 2020-04-08 | EPI_ISL_433428 | Original | hCoV-19
> Scotland | Human | Virology Department | COVID-19 Genomics UK (COG-UK) consortium | Williams | United Kingdom
> Spike | hCoV-19 | England | QEUH-A0172E/2020 | 2020-10-02 | EPI_ISL_595819 | Original | hCoV-19
> England | Human | Virology Department | COVID-19 Genomics UK (COG-UK) consortium | de Silva | United Kingdom
> Spike | hCoV-19 | Bosnia and Herzegovina | ChVir7379/2020 | 2020-03-29 | EPI_ISL_462476 | Original | hCoV-19
> Bosnia and Herzegovina | Human | Clinical Center | Charité Universitätsmedizin Berlin | Muehlemann | Bosnia and Herzegovina
> Spike | hCoV-19 | England | ALDP-B75C25/2020 | 2020-11-12 | EPI_ISL_723685 | Original | hCoV-19
> England | Human | Oxford Viromics | COVID-19 Genomics UK (COG-UK) consortium | Golubchik | United Kingdom
> Spike | hCoV-19 | England | ALDP-9FCD34/2020 | 2020-10-02 | EPI_ISL_587804 | Original | hCoV-19
> England | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom
> Spike | hCoV-19 | Netherlands | ZH-EMC-258/2020 | 2020-06-08 | EPI_ISL_523600 | Original | hCoV-19
> Zuid Holland | Human | Dutch COVID-19 response team | Erasmus Medical Center | Oude Munnink | Netherlands
> Spike | hCoV-19 | USA | TX-DHS-1315/2020 | 2020-03-31 | EPI_ISL_648242 | Original | hCoV-19
> Texas | Human | Texas Department of State Health Services | Texas Department of State Health Services | Rahman | USA
> Spike | hCoV-19 | USA | TX-HMH-MCoV-14596/2020 | 2020-10-09 | EPI_ISL_787881 | Original | hCoV-19
> Texas | Human | Houston Methodist Hospital | Houston Methodist Hospital | Long | USA
> Spike | hCoV-19 | England | LIVE-DCB778/2020 | 2020-11-23 | EPI-ISL_724424 | Original | hCoV-19
> England | Human | Liverpool Clinical Laboratories | COVID-19 Genomics UK (COG-UK) consortium | Haldenby | United Kingdom
> Spike | hCoV-19 | Wales | PHWC-47F8A6/2020 | 2020-10-06 | EPI_ISL_612738 | Original | hCoV-19
> Wales | Human | Wales Specialist Virology Centre Sequencing lab | COVID-19 Genomics UK (COG-UK) consortium | Moore | United Kingdom
> Spike | hCoV-19 | England | NORW-F4EE7/2020 | 2020-11-05 | EPI_ISL_665357 | Original | hCoV-19
> England | Human | Quadrant Institute Bioscience | COVID-19 Genomics UK (COG-UK) consortium | Ali Khan | United Kingdom
>Spike|hCoV-19|England/QEUH-B68320/2020|2020-11-11|EPI_ISL_661346|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|England/SHEF-C4080/2020|2020-05-11|EPI_ISL_479210|Original|hCoV-19
^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19|Switzerland/BL-UHB-42196077/2020|2020-03-17|EPI_ISL_528197|Original|hCoV-19
^England|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland
>Spike|hCoV-19|Brazil/SP-572/2020|2020-04-01|EPI_ISL_693201|Original|hCoV-19
^S\u00e3o Paulo|Human|Hospital Sao Paulo de Ensino da Unifesp|Instituto Adolfo Lutz|Sacchi|Brazil
>Spike|hCoV-19|England/MILK-993045/2020|2020-08-26|EPI_ISL_552072|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/QEUH-AF1017/2020|2020-10-29|EPI_ISL_662713|Original|hCoV-19
^England|Human|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/QEUH-9DCB88/2020|2020-09-21|EPI_ISL_580945|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/WA-S2663/2020|2020-06-20|EPI_ISL_497925|Original|hCoV-19
^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spike|hCoV-19|England/CAMC-94867A/2020|2020-07-21|EPI_ISL_556566|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/TX-HMHH-MCoV-10836/2020|2020-07-05|EPI_ISL_789651|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|USA/CA-CZB096/2020|2020-03-28|EPI_ISL_429041|Original|hCoV-19
^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA
>Spike|hCoV-19|Scotland/QEUH-960023/2020|2020-08-06|EPI_ISL_531912|Original|hCoV-19
^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC- University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Australia/VIC7040/2020|2020-07-17|EPI_ISL_564204|Original|hCoV-19
^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19|Wales/MILK-B04C2B/2020|2020-10-24|EPI_ISL_650574|Original|hCoV-19
^Wales|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/Australia/VIC12144/2020|2020-07-28|EPI_ISL_591707|Original|hCoV-19
^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Australia/ACT0046/2020|2020-03-20|EPI_ISL_498513|Original|hCoV-19
^Australian Capital Territory|Human|ACT Pathology|Schwessinger Lab|Hall|Australia
>Spike|hCoV-19/England/ALDP-B62010/2020|2020-11-08|EPI_ISL_656434|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WI-UW-1863/2020|2020-09-15|EPI_ISL_605735|Original|hCoV-19
^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/Denmark/DGCC-22508/2020|2020-12-14|EPI_ISL_757602|Original|hCoV-19
^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albersen Lab|Michaelisen|Denmark
>Spike|hCoV-19/Scotland/QEUH-AD2146/2020|2020-10-27|EPI_ISL_649746|Original|hCoV-19
^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|Spain|MD-IBV-99007326|2020|2020-08-17|EPI_ISL_582814|Original|hCoV-19|Madrid|Human|Hospital General Universitario Gregorio Mara|u00f1o|u00f3n|SeqCOVID-Spain consortium|IBV (CSIC)|Comas|Spain
> Spike|hCoV-19|Wales|PHWC-368DC|2020|2020-04-28|EPI_ISL_474727|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19|England|LIVE-DC2902|2020|2020-11-23|EPI_ISL_704006|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
> Spike|hCoV-19|England|QEUH-A615C8|2020|2020-10-12|EPI_ISL_628620|Original|hCoV-19|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
> Spike|hCoV-19|England|SHEF-C9100|2020|2020-04-14|EPI_ISL_448870|Original|hCoV-19|England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
> Spike|hCoV-19|USA|WA-UW-13088|2020|2020-06-30|EPI_ISL_570953|Original|hCoV-19|Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
> Spike|hCoV-19|USA|GA-EHC-034H|2020|2020-03-15|EPI_ISL_754752|Original|hCoV-19|Georgia|Human|Emory Molecular Diagnostics Laboratory|Plantadosi Lab|Plantadosi|USA
> Spike|hCoV-19|England|LIVE-AC08E|2020|2020-08-09|EPI_ISL_540637|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
> Spike|hCoV-19|USA|LA-DHSS-F1009733|2020|2020-10-08|EPI_ISL_708382|Original|hCoV-19|Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA
> Spike|hCoV-19|USA|MD-UW-MAY067|2020|2020-03-19|EPI_ISL_501079|Original|hCoV-19|Maryland|Human|Mayo Clinic Laboratories|University of Washington Virology Lab|Roychoudhury|USA
> Spike|hCoV-19|USA|CT-QDX-1406|2020|2020-03-17|EPI_ISL_572102|Original|hCoV-19|Connecticut|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
> Spike|hCoV-19|England|CAMC-9D2174|2020|2020-09-19|EPI_ISL_601493|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|USA|MI-UM-10036092704|2020|2020-09-23|EPI_ISL_583410|Original|hCoV-19|Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
> Spike|hCoV-19|France|PAC-IHU-0037|2020|2020-03-18|EPI_ISL_569261|Original|hCoV-19|Provence-Alpes-Cu00f4te-du-Vert|Human|MEPHI|MEPHI|Levasseur|France
> Spike|hCoV-19|USA|TX-HMH-MCoV-8556|2020|2020-07-01|EPI_ISL_780625|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19|USA|UT-UPHL-2009589|2020|2020-07-19|EPI_ISL_605267|Original|hCoV-19|Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
> Spike|hCoV-19|England|ALDP-A943FF|2020|2020-10-19|EPI_ISL_610931|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|USA|TX-HMH-MCoV-11904|2020|2020-09-16|EPI_ISL_790131|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Belgium/regn-112711182/2020|2020-11-27|EPI_ISL_735235|Original|hCoV-19^^Germany|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Spike|hCoV-19/England/OXON-B2CDD/2020|2020-04-13|EPI_ISL_534806|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/England/ALDP-B24E10/2020|2020-11-04|EPI_ISL_646721|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DGCC-21078/2020|2020-12-21|EPI_ISL_759539|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/Fl-BPHL-1945/2020|2020-04-09|EPI_ISL_653098|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/Peru/ICA-INS-107/2020|2020-05-04|EPI_ISL_536505|Original|hCoV-19^^Ica|Human|Instituto Nacional de Salud|Laboratorio de Infecciones Respiratorias Agudas|Lopez|Peru
>Spike|hCoV-19/England/2011837803/2020|2020-03-12|EPI_ISL_420463|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/Denmark/DGCC-9741/2020|2020-11-09|EPI_ISL_668484|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Ireland/G-NVRL-761RL13780/2020|2020-10-16|EPI_ISL_671904|Original|hCoV-19^^Galway|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland
>Spike|hCoV-19/England/CMAC-B0942E/2020|2020-10-29|EPI_ISL_673102|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMW-MCoV-19105/2020|2020-11-23|EPI_ISL_783626|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/QEUh-AD2ED6/2020|2020-10-26|EPI_ISL_629897|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DGCC-2875/2020|2020-08-24|EPI_ISL_616570|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Wales/PHWC-162CDA/2020|2020-05-18|EPI_ISL_473187|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Australia/NSW1296/2020|2020-11-17|EPI_ISL_767862|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Royal Prince Alfred Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spike|hCoV-19/England/MILK-99DCFC/2020|2020-08-30|EPI_ISL_550522|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMW-4490/2020|2020-06-19|EPI_ISL_543663|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/South Africa/NHLS-UCT-GS-0041/2020|2020-03-19|EPI_ISL_640039|Original|hCoV-19^^Western Cape|Human|Mossel Bay Hospital wc MBY|NHLS/UCT|Iransadze|South Africa
>Spike|hCoV-19/Luxembourg/LNS2597209/2020|2020-10-29|EPI_ISL_740153|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/South Africa/KRISP-K002590/2020|2020-07-31|EPI_ISL_535455|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
>Spike|hCoV-19/USA/TX-HMW-MCoV-9632/2020|2020-07-04|EPI_ISL_780193|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19|England|ALDP-928E87|2020|2020-06-22|EPI_ISL_552821|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England|MILK-ACF21C|2020|2020-10-22|EPI_ISL_629583|Original|hCoV-19\^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England|LOND-12F188D|2020|2020-12-15|EPI_ISL_763567|Original|hCoV-19\^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
> Spike|hCoV-19|Wales|PHWC-488B74|2020|2020-10-28|EPI_ISL_639472|Original|hCoV-19\^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19|England|MILK-AC74E1|2020|2020-10-21|EPI_ISL_630209|Original|hCoV-19\^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|USA/CA-ALSR|5118|2020|2020-12-03|EPI_ISL_730363|Original|hCoV-19\^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
> Spike|hCoV-19|Northern Ireland|NIRE-23457B|2020|2020-10-19|EPI_ISL_680407|Original|hCoV-19\^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
> Spike|hCoV-19|Wales|PHWC-49BBBA|2020|2020-12-06|EPI_ISL_742441|Original|hCoV-19\^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19|England|ALDP-CB66B0|2020|2020-12-19|EPI_ISL_761864|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|England|CAMB-79864|2020|2020-04-01|EPI_ISL_441811|Original|hCoV-19\^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
> Spike|hCoV-19|Japan|PG-4740|2020|2020-07-00|EPI_ISL_689876|Original|hCoV-19\^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
> Spike|hCoV-19|Singapore|663|2020|2020-04-14|EPI_ISL_493423|Original|hCoV-19\^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
> Spike|hCoV-19|Ecuador|USFQ-112|2020|2020-05-19|EPI_ISL_471270|Original|hCoV-19\^Quito|Human|Hospital Oncol\u00f3gico Solca N\u00f1o de Quito|Institute of Microbiology|Cardenas|Ecuador
> Spike|hCoV-19|Bangladesh|DNAS_DRICM_isl_Iffat|2020|2020-07-10|EPI_ISL_774985|Original|hCoV-19\^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh
> Spike|hCoV-19|Japan|PG-6313|2020|2020-08-00|EPI_ISL_689424|Original|hCoV-19\^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
> Spike|hCoV-19|England|QUEH-B11326|2020|2020-11-02|EPI_ISL_642676|Original|hCoV-19\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Portugal|PT0948|2020|2020-04-12|EPI_ISL_511498|Original|hCoV-19\^Portugal|Human|Instituto Nacional de Saude (INS| Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal
> Spike|hCoV-19|USA/MI-UM-10036210275|2020|2020-09-30|EPI_ISL_590744|Original|hCoV-19\^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
| Spike haplotype | Country       | Location                                                                 | Organization/Company                        | Institution                 | Department/Division                  |
|----------------|--------------|---------------------------------------------------------------------------|----------------------------------------------|-----------------------------|---------------------------------------|
| hCoV-19        | England      | Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust | COVID-19 Genomics UK (COG-UK) Consortium / Bashton / United Kingdom |                               |                                       |
| hCoV-19        | England      | Lighthouse Lab in Glasgow                                                  | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium / Davies / United Kingdom |                               |                                       |
| hCoV-19        | England      | Wuhan Chain Medical Labs (CMLabs)                                         | State Key Laboratory of Biotherapy of Sichuan University / Tang / China |                               |                                       |
| hCoV-19        | England      | Lighthouse Lab in Alderley Park                                             | Wellcome Sanger Institute                     |                               |                                       |
| hCoV-19        | England      | NU-OMICS DNA Sequencing research facility                                 | Wellcome Sanger Institute                    |                               |                                       |
| hCoV-19        | England      | University of Exeter                                                        | COVID-19 Genomics UK (COG-UK) Consortium / Davies / United Kingdom |                               |                                       |
| hCoV-19        | England      | University Hospital Basel                                                  | University Hospital Basel / Roloff Handschin / Switzerland |                               |                                       |
| hCoV-19        | Brazil       | Rio de Janeiro                                                             | Laboratorio de Virologia Molecular / UFRJ / Bioinformatics Laboratory / LNCC / Almeida / Brazil |                               |                                       |
| hCoV-19        | England      | Liverpool Clinical Laboratories                                            | COVID-19 Genomics UK (COG-UK) Consortium / Amato / United Kingdom |                               |                                       |
| hCoV-19        | England      | University Hospital Basel                                                  | University Hospital Basel                    |                               |                                       |

Note: The table above lists Spike haplotypes and their associated data, including location, organization, and institution. The table is a summary of the information provided in the document.
Spike|hCoV-19|England|CWAR-24FDB0B/2020|2020-05-03|EPI_ISL_584480|Original|hCoV-19
^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom
Spike|hCoV-19|Japan|PG-4335/2020|2020-07-00|EPI_ISL_692563|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
Spike|hCoV-19|Netherlands|ZH-EMC-566/2020|2020-09-20|EPI_ISL_577994|Original|hCoV-19
^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
Spike|hCoV-19|Brazil|SP-L14-CD244/2020|2020-03-27|EPI_ISL_476248|Original|hCoV-19
^8\u00e3o Paulo|Paulo|Human|Hospital da Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Universidade de S\u00e3o Paulo
Spike|hCoV-19|England|ALDP-B23D23/2020|2020-11-04|EPI_ISL_646443|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|England|BRIS-12BBC1/2020|2020-05-16|EPI_ISL_469389|Original|hCoV-19
^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Australia|VIC6507/2020|2020-07-26|EPI_ISL_521281|Original|hCoV-19
^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19|USA|WA-UW-1997/2020|2020-03-24|EPI_ISL_570986|Original|hCoV-19
^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
Spike|hCoV-19|Japan|PG-1874/2020|2020-05-00|EPI_ISL_685480|Original|hCoV-19
^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Seikizuka|Japan
Spike|hCoV-19|England|ALDP-B23D23/2020|2020-11-04|EPI_ISL_646443|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England|LIVE-A542F/2020|2020-03-20|EPI_ISL_499928|Original|hCoV-19
^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
Spike|hCoV-19|England|MILK-9A6926/2020|2020-09-01|EPI_ISL_549973|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England|ALDP-9C5FB6/2020|2020-09-10|EPI_ISL_567639|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA|TX-HMH-MCoV-12328/2020|2020-09-25|EPI_ISL_789936|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|Denmark|DCGC-6574/2020|2020-10-12|EPI_ISL_619622|Original|hCoV-19
^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
Spike|hCoV-19|England|CAMB-18B385/2020|2020-10-19|EPI_ISL_638201|Original|hCoV-19
^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
Spike|hCoV-19|England|ALDP-A503FF/2020|2020-10-07|EPI_ISL_597692|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Croatia|1761_Dubrovnik/2020|2020-03-20|EPI_ISL_454588|Original|hCoV-19
^Dubrovnik|Human|University Hospital for Infectious Diseases \Dr. Fran Mihaljevi\u0107|University of Zagreb|Ivancic Jelecki|Croatia
Spike|hCoV-19|England|MILK-6F2D8C/2020|2020-10-07|EPI_ISL_597692|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA|WI-UW-481/2020|2020-06-18|EPI_ISL_484856|Original|hCoV-19
^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
Spike|hCoV-19/Netherlands/FR-RIVM-20556/2020|2020-12-15|EPI_ISL_796024|Original|hCoV-19^^Friesland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

Spike|hCoV-19/Panama/329593/2020|2020-03-13|EPI_ISL_496636|Original|hCoV-19^^Panama West|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

Spike|hCoV-19/England/BRIS-130CC6/2020|2020-03-24|EPI_ISL_492627|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/SaudiArabia/KAUST-MADINAH858/2020|2020-05-19|EPI_ISL_513194|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia

Spike|hCoV-19/Wales/MLIK-B02CB4/2020|2020-10-24|EPI_ISL_647831|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/USA/DHHS-SC21437/2020|2020-03-25|EPI_ISL_704210|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de santé|Laboratoire national de santé|Wienecke-Balducchio|Luxembourg

Spike|hCoV-19/Scotland/EDB2049/2020|2020-04-18|EPI_ISL_433164|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) consortium|Williams|United Kingdom

Spike|hCoV-19/USA/MI-MDHHS-SC21437/2020|2020-03-25|EPI_ISL_507691|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

Spike|hCoV-19/Northern Ireland/NIRE-1042F6/2020|2020-04-14|EPI_ISL_482133|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/ALDP-A9286B/2020|2020-10-20|EPI_ISL_611197|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Alikhan|United Kingdom

Spike|hCoV-19/England/ALDP-9562A2/2020|2020-06-08|EPI_ISL_554095|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/20139057504/2020|2020-03-28|EPI_ISL_420720|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

Spike|hCoV-19/England/QEUH-9CEB31/2020|2020-09-17|EPI_ISL_590044|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

Spike|hCoV-19/England/QEUH-B319A6/2020|2020-11-04|EPI_ISL_646167|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/USA/TX-HMH-MCoV-19782/2020|2020-11-22|EPI_ISL_784121|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19/USA/NY-Wadsworth-24216-01/2020|2020-03-19|EPI_ISL_676754|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Casey-Nesselquist|USA

Spike|hCoV-19/USA/NY-Wadsworth-288890-01/2020|2020-12-18|EPI_ISL_767493|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Casey-Nesselquist|USA
| Country      | Region     | Lab Name                                      | Organization                                      | Project Name                  | Accession Code | Original Collection |
|--------------|------------|-----------------------------------------------|---------------------------------------------------|------------------------------|-----------------|---------------------|
| England      | England    | Lighthouse Lab in Glasgow                     | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | EPI_ISL_760632               | Original        | hCoV-19             |
|             | Texas      | Houston Methodist Hospital                   | Houston Methodist Hospital                        | EPI_ISL_547369               | Original        | hCoV-19             |
|             | Japan      | Human Pathogen Genomics Center               | Pathogen Genomics Center                          | EPI_ISL_790996               | Original        | hCoV-19             |
|             | Sjaelland  | Department of Virus and Microbiological Special Diagnostics | Albertsen Lab                                    | EPI_ISL_512490               | Original        | hCoV-19             |
|             | Victoria   | Human Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) | MDU-PHL                                          | EPI_ISL_570243               | Original        | hCoV-19             |
|             | England    | Human Lighthouse Lab in Milton Keynes         | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | EPI_ISL_629163               | Original        | hCoV-19             |
|             | Belgium    | Human Public Health Laboratory (MDU-PHL)      | Schultz                                          | EPI_ISL_462267               | Original        | hCoV-19             |
|             | England    | Human Lighthouse Lab in Alderley Park         | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | EPI_ISL_557892               | Original        | hCoV-19             |
|             | England    | Human Lighthouse Lab in Glasgow               | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | EPI_ISL_629163               | Original        | hCoV-19             |
|             | Australia  | Victoria Human Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) | MDU-PHL                                          | EPI_ISL_519254               | Original        | hCoV-19             |
|             | Japan      | Human Pathogen Genomics Center               | Pathogen Genomics Center                          | EPI_ISL_686049               | Original        | hCoV-19             |
|             | Denmark    | Human Department of Virus and Microbiological Special Diagnostics | Albertsen Lab                                    | EPI_ISL_618602               | Original        | hCoV-19             |
|             | Minnesota  | Human Public Health Laboratory - Infectious Disease Lab | Minnesota Department of Health | EPI_ISL_613490               | Original        | hCoV-19             |
|             | Washington | Human UW Virology Lab                         | Roychoudhury                                     | EPI_ISL_679938               | Original        | hCoV-19             |
|             | Japan      | Human Queens Medical Centre                  | COVID-19 Genomics UK (COG-UK) consortium         | EPI_ISL_557892               | Original        | hCoV-19             |
|             | Australia  | State Sanitary Inspectorate                  | Laboratory of Recombinant Vaccines               | EPI_ISL_463982               | Original        | hCoV-19             |
|             | Canada     | Human Toronto Invasive Bacterial Diseases Network | McMaster University | EPI_ISL_758163               | Original        | hCoV-19             |
|             | South Africa | Tygerberg Academy | National Health Laboratory Service (NHLS) | EPI_ISL_464129               | Original        | hCoV-19             |
|             | Australia  | Victoria Human Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) | MDU-PHL                                          | EPI_ISL_521817               | Original        | hCoV-19             |
|             | Belgium    | Human Public Health Laboratory (MDU-PHL)      | Leuven                                           | EPI_ISL_462267               | Original        | hCoV-19             |
|             | Australia  | Victoria Human Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) | MDU-PHL                                          | EPI_ISL_589620               | Original        | hCoV-19             |
|             | England    | Human Lighthouse Lab in Milton Keynes         | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | EPI_ISL_758827               | Original        | hCoV-19             |
|             | Denmark    | Human Lighthouse Lab in Milton Keynes         | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | EPI_ISL_758827               | Original        | hCoV-19             |
|             | Michigan   | Human Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) | MDU-PHL                                          | EPI_ISL_521817               | Original        | hCoV-19             |
|             | Japan      | Human Pathogen Genomics Center               | Pathogen Genomics Center                          | EPI_ISL_686049               | Original        | hCoV-19             |
|             | Denmark    | Human Department of Virus and Microbiological Special Diagnostics | Albertsen Lab                                    | EPI_ISL_618602               | Original        | hCoV-19             |
|             | Minnesota  | Human Public Health Laboratory - Infectious Disease Lab | Minnesota Department of Health | EPI_ISL_613490               | Original        | hCoV-19             |
>Spike|hCoV-19|England|ALDP-A51B23|2020|2020-10-07|EPI_ISL_598120|Original|hCoV-19
>^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpSpSpike|hCoV-19|England|ALDP-94DF2F|2020|2020-06-17|EPI_ISL_555232|Original|hCoV-19
>^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpSpSpike|hCoV-19|England|MLK-BB1504|2020|2020-11-17|EPI_ISL_720231|Original|hCoV-19
>^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>SpSpSpike|hCoV-19|England|ALDP-C123677|2020|2020-11-16|EPI_ISL_682548|Original|hCoV-19
>^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>SpSpSpike|hCoV-19|England|LIVE-AB69C|2020|2020-05-23|EPI_ISL_612439|Original|hCoV-19
>^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>SpSpSpike|hCoV-19|Wales|PHWC-26AAC|2020|2020-03-30|EPI_ISL_422232|Original|hCoV-19
>^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>SpSpSpike|hCoV-19|Wales|PHWC-15C9CD|2020|2020-05-04|EPI_ISL_472566|Original|hCoV-19
>^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>SpSpSpike|hCoV-19|USA/|NY-Wadsworth-292266-01|2020|2020-12-02|EPI_ISL_767635|Original|hCoV-19
>^New York|Human|MEMORIAL SLOAN KETTERING CANCER CENTER|Wadsworth Center|Lasek-Nesselquist|USA
>SpSpSpike|hCoV-19|USA/UT-UPH|2012255039|2020|2020-10-19|EPI_ISL_746216|Original|hCoV-19
>^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA
>SpSpSpike|hCoV-19|Northern Ireland/NIRE-232FCA|2020|2020-09-27|EPI_ISL_680241|Original|hCoV-19
>^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
>SpSpSpike|hCoV-19|USA/|AL-|MOY|2020|2020-04-08|EPI_ISL_501072|Original|hCoV-19
>^Alabama|Human|Mayo Clinic Laboratories|University of Washington Virology Lab|Roychoudhury|USA
>SpSpSpike|hCoV-19|England/OXON-AE80C|2020|2020-00-00|EPI_ISL_448723|Original|hCoV-19
>^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>SpSpSpike|hCoV-19|Australia/VIC8883|2020|2020-07-25|EPI_ISL_565259|Original|hCoV-19
>^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>SpSpSpike|hCoV-19|Wales/ALDP-|BC7653|2020|2020-11-22|EPI_ISL_767330|Original|hCoV-19
>^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>SpSpSpike|hCoV-19|Australia/VIC7158|2020|2020-08-15|EPI_ISL_663771|Original|hCoV-19
>^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>SpSpSpike|hCoV-19|USA/CA-CZB-13796|2020|2020-08-17|EPI_ISL_738538|Original|hCoV-19
>^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA
>SpSpSpike|hCoV-19/Scotland/CVR2864|2020|2020-04-22|EPI_ISL_473605|Original|hCoV-19
>^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>SpSpSpike|hCoV-19/USA/|CO-|CDPHE-2009300877|2020|2020-09-28|EPI_ISL_710265|Original|hCoV-19
>^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA
>SpSpSpike|hCoV-19/England/ALDP-AA2B6F|2020|2020-10-22|EPI_ISL_624095|Original|hCoV-19
>^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpSpSpike|hCoV-19/USA/MN-QDX-1347|2020|2020-03-14|EPI_ISL_572136|Original|hCoV-19
>^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Ragan|USA
Spike|hCoV-19/England/ALDP-B5C1BC/2020|2020-11-08|EPI_ISL_655709|Original|hCoV-19
England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/England/MILK-9AB37E/2020|2020-08-31|EPI_ISL_551012|Original|hCoV-19
England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/MA-MGH-02737/2020|2020-10-01|EPI_ISL_765608|Original|hCoV-19
Massachusetts|Human|Brigham and Womens Hospital|Infectious Disease Program|Park|USA
Spike|hCoV-19/Ireland/D-NVRL-AIIDV0328v2/2020|2020-05-03|EPI_ISL_644341|Original|hCoV-19
Dublin|Human|CEPHR / Vincent's Hospital|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland
Spike|hCoV-19/Portugal/PT0511/2020|2020-03-19|EPI_ISL_454235|Original|hCoV-19
Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal
Spike|hCoV-19/USA/MA-S2112/2020|2020-06-08|EPI_ISL_497540|Original|hCoV-19
Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
Spike|hCoV-19/England/PRIN-254BCBF/2020|2020-04-29|EPI_ISL_509439|Original|hCoV-19
England|Human|The Princess Alexandra Hospital|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Wales/PHWC-33B30/2020|2020-04-21|EPI_ISL_446790|Original|hCoV-19
Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
Spike|hCoV-19/Scotland/QEUH-AAAD548/2020|2020-10-22|EPI_ISL_638004|Original|hCoV-19
Scotland|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
Spike|hCoV-19/Denmark/DGCC-21774/2020|2020-12-21|EPI_ISL_758354|Original|hCoV-19
Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark
Spike|hCoV-19/England/QEUH-963275/2020|2020-08-11|EPI_ISL_531790|Original|hCoV-19
England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Wales/PHWC-16EDDB/2020|2020-10-05|EPI_ISL_585865|Original|hCoV-19
Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/England/ALDP-C3D55A/2020|2020-12-10|EPI_ISL_731715|Original|hCoV-19
England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/South Africa/R07582/2020|2020-03-31|EPI_ISL_450299|Original|hCoV-19
Gauteng|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa
Spike|hCoV-19/Denmark/DGCC-17582/2020|2020-12-14|EPI_ISL_750376|Original|hCoV-19
Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark
Spike|hCoV-19/Scotland/EDB4443/2020|2020-05-04|EPI_ISL_493903|Original|hCoV-19
Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
Spike|hCoV-19/USA/NY-Wadsworth-281389-01/2020|2020-10-20|EPI_ISL_734458|Original|hCoV-19
New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nessequist|USA
Spike|hCoV-19/England/ALDP-BB3C1C/2020|2020-11-19|EPI_ISL_701871|Original|hCoV-19
England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/India/GJ-GBRC183a/2020|2020-06-03|EPI_ISL_467053|Original|hCoV-19
Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India
Spike|hCoV-19/England/NORW-E9AB4/2020|2020-04-29|EPI_ISL_461844|Original|hCoV-19
England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
University of Science and Technology (KAUST) | Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST) | Mohamed Ghazzali | Saudi Arabia

> Spike | hCoV-19/Denmark/DGCC-14834/2020 | 2020-11-23 | EPI_ISL_711277 | Original | hCoV-19

^Syddanmark | Human | Department of Virus and Microbiological Special Diagnostics | Albertsen Lab | Michaelsen | Denmark

> Spike | hCoV-19/Estonia/ChVir4262/2020 | 2020-03-02 | EPI_ISL_457720 | Original | hCoV-19

^Estonia | Human | SYNLAB Eesti OU | Charite Universitatsmedizin Berlin | Muehlemann | Estonia

> Spike | hCoV-19/England/QEUH-53F2EF/2020 | 2020-05-18 | EPI_ISL_532238 | Original | hCoV-19

^England | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> Spike | hCoV-19/Wales/PHWC-497F58/2020 | 2020-11-30 | EPI_ISL_727001 | Original | hCoV-19

^Wales | Human | Originating lab | COVID-19 Genomics UK (COG-UK) Consortium | Moore | United Kingdom

> Spike | hCoV-19/England/QEUH-8654/2020 | 2020-11-11 | EPI_ISL_661336 | Original | hCoV-19

^England | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> Spike | hCoV-19/Australia/VIC12054/2020 | 2020-07-26 | EPI_ISL_641173 | Original | hCoV-19

^Victoria | Human | Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) | MDU-PHL | Schultz | Australia

> Spike | hCoV-19/Australia/VIC10603/2020 | 2020-08-03 | EPI_ISL_562983 | Original | hCoV-19

^Victoria | Human | Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) | MDU-PHL | Schultz | Australia

> Spike | hCoV-19/England/QEUH-8654/2020 | 2020-11-11 | EPI_ISL_661336 | Original | hCoV-19

^England | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> Spike | hCoV-19/USA/CA-CZB-15326/2020 | 2020-11-25 | EPI_ISL_738979 | Original | hCoV-19

^California | Human | Santa Clara County Public Health Laboratory | Chan-Zuckerberg Biohub | Kamm | USA

> Spike | hCoV-19/India/OR-ILSCV29971/2020 | 2020-05-23 | EPI_ISL_481136 | Original | hCoV-19

^Odisha | Human | Immunogenomics lab | Immunogenomics lab | Raghav | India

> Spike | hCoV-19/England/NORT-291E17/2020 | 2020-05-05 | EPI_ISL_489114 | Original | hCoV-19

^England | Human | NU-OMICS DNA Sequencing research facility | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> Spike | hCoV-19/Australia/VIC12054/2020 | 2020-07-26 | EPI_ISL_641173 | Original | hCoV-19

^Victoria | Human | Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) | MDU-PHL | Schultz | Australia

> Spike | hCoV-19/England/QEUH-AE2732/2020 | 2020-10-27 | EPI_ISL_633651 | Original | hCoV-19

^England | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> Spike | hCoV-19/USA/19 Response team | 2020-04-01 | EPI_ISL_546738 | Original | hCoV-19

^Texas | Human | Houston Methodist Hospital | Houston Methodist Hospital | Long | USA

> Spike | hCoV-19/USA/CA-ZUhl-8654/2020 | 2020-07-26 | EPI_ISL_780680 | Original | hCoV-19

^Texas | Human | Houston Methodist Hospital | Houston Methodist Hospital | Long | USA

> Spike | hCoV-19/South Africa/KRISP-K002873/2020 | 2020-09-05 | EPI_ISL_602686 | Original | hCoV-19

^KwaZulu-Natal | Human | NHLS-IALCH | KRISP | de Oliveira | South Africa

> Spike | hCoV-19/Belgium/2019/BELG/10/20 | 2020-11-23 | EPI_ISL_734975 | Original | hCoV-19

^Flanders | Human | UZ Leuven | UZ Leuven | Maes | Belgium

> Spike | hCoV-19/Netherlands/ZH-EMC-641/2020 | 2020-09-21 | EPI_ISL_578069 | Original | hCoV-19

^Netherlands | Human | Dutch COVID-19 response team | Erasmus Medical Center | Oude Munnink | Netherlands

> Spike | hCoV-19/England/QEUH-AF0C8D/2020 | 2020-10-29 | EPI_ISL_662853 | Original | hCoV-19

^England | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> Spike | hCoV-19/England/ALDP-A672BC/2020 | 2020-10-09 | EPI_ISL_630701 | Original | hCoV-19

^England | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom
for the COVID-19 genome.

**England**

- Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
- Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|Schultz|Australia
- England|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
- Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
- Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

**South Wales**

- Human|St Vincent's Pathology (SydPath)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
- Human|Wales SpeciConsortium|Moore|United Kingdom

**California**

- Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA
- Human|UCSD EXCITE lab|Andersen lab at Scripps Research|Gangavarapu|USA
- Human|Washington|UW Virology Lab|Roychoudhury|USA

**Michigan**

- Human|Michigan Department of Health and Human Services|Blankenship|USA
- Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
- Human|Michigan|Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

**Morocco**

- Human|Institut Pasteur du Maroc|Enouf|Morocco
- Human|Institut Pasteur du Maroc|Liu|China
- Human|Lighthouse Lab in Las Vegas|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

**California**

- Human|UCSD EXCITE lab|Andersen lab at Scripps Research|Gangavarapu|USA
- Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
- Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

**Netherlands**

- Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
- Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

**Zurich**

- Human|VioLLier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
- Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Germany/HH-hpi-p1576/2020|2020-03-16|EPI_ISL_776054|Original|hCoV-19
^England|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany
>Spik|hCoV-19/USA/TX-HMH-4302/2020|2020-06-18|EPI_ISL_543512|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19/England/MILK-BB14AD/2020|2020-11-18|EPI_ISL_720018|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/USA/CA-QDX-547/2020|2020-03-18|EPI_ISL_571270|Original|hCoV-19
^California|Human|Quest Diagnostics|Quest Diagnostics|Thom|USA
>Spik|hCoV-19/Scotland/QEUH-9F7407/2020|2020-09-27|EPI_ISL_600902|Original|hCoV-19
^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/SHEF-C516E/2020|2020-11-26|EPI_ISL_706995|Original|hCoV-19
^England|Human|Virology and Immunology|Department of Environmental Science and Research (ESR)|Wang|New Zealand
>Spik|hCoV-19/Netherlands/UT-EMC-56/2020|2020-06-28|EPI_ISL_523533|Original|hCoV-19
^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spik|hCoV-19/New Zealand/20CV0500/2020|2020-10-31|EPI_ISL_622780|Original|hCoV-19
^South Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
>Spik|hCoV-19/USA/CA-CZB-15323/2020|2020-11-25|EPI_ISL_739589|Original|hCoV-19
^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA
>Spik|hCoV-19/Australia/VIC12721/2020|2020-07-27|EPI_ISL_592061|Original|hCoV-19
^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|Schultz|Australia
>Spik|hCoV-19/England/ALDP-C6A141/2020|2020-12-14|EPI_ISL_778390|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/France/ARA-SC325/2020|2020-03-24|EPI_ISL_660329|Original|hCoV-19
^Auvergne-Rh\u00f4ne-Alpes|Human|CHU de Saint-\u00e9v\u00e9re H\u00f4pital Nord|CNR Virus des Infections Respiratoires - France SUD|Bal|France
>Spik|hCoV-19/England/BRIS-12EAEF/2020|2020-04-24|EPI_ISL_488431|Original|hCoV-19
^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/MILK-994B25/2020|2020-08-25|EPI_ISL_552341|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Northern Ireland/NIRE-233284/2020|2020-09-23|EPI_ISL_680273|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

> Spike|hCoV-19/England/204200106/2020|2020-10-10|EPI_ISL_609867|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

> Spike|hCoV-19/Denmark/DCGC-21665/2020|2020-12-21|EPI_ISL_757963|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

> Spike|hCoV-19/USA/TX-HMH-2833/2020|2020-06-08|EPI_ISL_543806|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

> Spike|hCoV-19/Wales/PHWC-47E221/2020|2020-10-13|EPI_ISL_595425|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/Australia/WA40/2020|2020-03-21|EPI_ISL_470857|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA|Sikazwe|Australia

> Spike|hCoV-19/England/LIVE-9FC5D/2020|2020-06-01|EPI_ISL_472051|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

> Spike|hCoV-19/England/QEUH-A1E1B5/2020|2020-10-01|EPI_ISL_587438|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/England/QEUH-B2C795/2020|2020-11-04|EPI_ISL_665384|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

> Spike|hCoV-19/England/CAMC-B35702/2020|2020-11-05|EPI_ISL_659539|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

> Spike|hCoV-19/England/CAMC-B35702/2020|2020-11-05|EPI_ISL_659539|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

> Spike|hCoV-19/England/BRIS-126E36/2020|2020-04-08|EPI_ISL_459004|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/Canada/ON-5247/2020|2020-03-27|EPI_ISL_755832|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

> Spike|hCoV-19/Luxembourg/LNS3712604/2020|2020-11-02|EPI_ISL_740364|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

> Spike|hCoV-19/India/TG-CCMB-AA226/2020|2020-08-10|EPI_ISL_539651|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

> Spike|hCoV-19/USA/WI-UW-935/2020|2020-05-07|EPI_ISL_509935|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

> Spike|hCoV-19/Cyprus/004/2020|2020-03-23|EPI_ISL_463744|Original|hCoV-19^^Cyprus|Human|Department of Molecular Virology|Department of Molecular Virology|Richter|Cyprus

> Spike|hCoV-19/Denmark/DCGC-1385/2020|2020-03-09|EPI_ISL_622238|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/England/MILK-A69A85/2020|2020-10-09|EPI_ISL_665860|Original|hCoV-19^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spike|hCoV-19/USA/SA1291/2020|2020-05-14|EPI_ISL_495741|Original|hCoV-19^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spike|hCoV-19/Singapore/195/2020|2020-04-20|EPI_ISL_462313|Original|hCoV-19^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
>Spike|hCoV-19/France/IDF-10002PM/2020|2020-03-03|EPI_ISL_447721|Original|hCoV-19^France|Human|H\u00e9pital Henri-Mondor Ap-Hp|H\u00e9pital Henri-Mondor Ap-Hp|Rodriguez|France
>Spike|hCoV-19/England/204290230/2020|2020-10-16|EPI_ISL_613604|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/Luxembourg/LNS0815952/2020|2020-06-23|EPI_ISL_739835|Original|hCoV-19^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wiebe|Luxembourg
>Spike|hCoV-19/England/QEUH-B7ED80/2020|2020-11-14|EPI_ISL_667931|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Amato|Australia
>Spike|hCoV-19/England/ALDP-AA57C2/2020|2020-10-22|EPI_ISL_625177|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/ALAB-HH-267/2020|2020-05-09|EPI_ISL_452098|Original|hCoV-19^England|Human|Department of Clinical Microbiology|Albertsen Lab|Kirkegaard|Denmark
>Spike|hCoV-19/USA/AZ-TG276740/2020|2020-04-16|EPI_ISL_694120|Original|hCoV-19^Arizona|Human|AZ PHL|TG Gen North|French|USA
>Spike|hCoV-19/Switzerland/TI-ETHZ-410135/2020|2020-12-17|EPI_ISL_737505|Original|hCoV-19^Ticino|Human|Violier AG|Department of Biosystems Science and Engineering|Naedue|Switzerland
>Spike|hCoV-19/England/MILK-ACEFBC/2020|2020-10-21|EPI_ISL_629441|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-19138/2020|2020-12-07|EPI_ISL_748148|Original|hCoV-19^Denmark|Human|Department of Clinical Microbiology|Albertsen Lab|Kirkegaard|Denmark
>Spike|hCoV-19/England/QEUH-B697C9/2020|2020-11-11|EPI_ISL_661423|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Amato|United Kingdom
>Spike|hCoV-19/England/ALDP-7E09D/2020|2020-04-07|EPI_ISL_441669|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/England/ALDP-9B601F/2020|2020-08-28|EPI_ISL_572982|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/England/OXON-B09B9/2020|2020-04-16|EPI_ISL_478926|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Australia/VIC6799/2020|2020-07-21|EPI_ISL_564064|Original|hCoV-19^Victoria|Human|Victoria Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/ALDP-4A389A/2020|2020-05-27|EPI_ISL_559585|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-A4FC70/2020|2020-10-07|EPI_ISL_597875|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WA-S22/2020|2020-03-02|EPI_ISL_417075|Original|hCoV-19^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
Spike|hCoV-19|England/CAMB-7AE43/2020|2020-04-09|EPI_ISL_433883|Original|hCoV-19|England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
Spike|hCoV-19|USA/CruiseA-11/2020|2020-02-17|EPI_ISL_413616|Original|hCoV-19|USA|Human|unknown|Pathogen Discovery|Queen|USA
Spike|hCoV-19|England/CAMC-B3226E/2020|2020-11-05|EPI_ISL_659218|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|South Korea/KCDC2529/2020|2020-06-18|EPI_ISL_514932|Original|hCoV-19|South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea
Spike|hCoV-19|USA/CA-ALSR-0621-IPL/2020|2020-04-22|EPI_ISL_483262|Original|hCoV-19|California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA
Spike|hCoV-19|USA/OR-OHSU-5184/2020|2020-11-16|EPI_ISL_667549|Original|hCoV-19|Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O’Roak|USA
Spike|hCoV-19|England/ALDP-AA4E28/2020|2020-10-21|EPI_ISL_630956|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/CAMB-7C34/2020|2020-04-14|EPI_ISL_434028|Original|hCoV-19|England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
Spike|hCoV-19|Australia/VIC12598/2020|2020-08-02|EPI_ISL_640672|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19|USA/TX-HMH-7303/2020|2020-06-29|EPI_ISL_546660|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|USA/NY-NYUMC286/2020|2020-04-05|EPI_ISL_428800|Original|hCoV-19|New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
Spike|hCoV-19|England/QUEH-B8228D/2020|2020-11-14|EPI_ISL_661754|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|Australia/VIC12823/2020|2020-07-30|EPI_ISL_640377|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19|USA/LA-EVTL273/2020|2020-08-25|EPI_ISL_574407|Original|hCoV-19|Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
Spike|hCoV-19|USA/WA-S2430/2020|2020-06-14|EPI_ISL_497062|Original|hCoV-19|Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
Spike|hCoV-19|England/CAMC-CF9A3D/2020|2020-12-19|EPI_ISL_781181|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|Japan/GP-8015/2020|2020-08-08|EPI_ISL_687116|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19|Wales/PHWC-48FC6/2020|2020-11-09|EPI_ISL_681056|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19|England/CAMC-94A2ED/2020|2020-07-27|EPI_ISL_555973|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/MILK-B55BC4/2020|2020-11-05|EPI_ISL_658219|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|USA/CT-UW-2676/2020|2020-03-28|EPI_ISL_485928|Original|hCoV-19|Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
Spike|hCoV-19|Japan/GP-5959/2020|2020-08-09|EPI_ISL_689074|Original|hCoV-19|Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan
Consortium

Laboratory Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium

Davies United Kingdom

Maroc Human Institut Pasteur du Maroc Institut Pasteur du Maroc Enouf Morocco

EPI_ISL_459373 Original hCoV-19

England Human Lighthouse Lab in Milton Keynes Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium

Davies United Kingdom

Wales Human Lighthouse Lab in Alderley Park Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium

Davies United Kingdom

Japan Human Pathogen Genomics Center Pathogen Genomics Center Sekizuka Japan

EPI_ISL_451654 Original hCoV-19

Japan Human Pathogen Genomics Center Pathogen Genomics Center Sekizuka Japan

EPI_ISL_546881 Original hCoV-19

Denmark DGC 10473/2020 2020-11-02 EPI_ISL_669997 Original hCoV-19

Hovedstaden Human Department of Virus and Microbiological Special Diagnostics Albertsen Lab Michaelsen Denmark

EPI_ISL_443649 Original hCoV-19

England Human Department of Pathology Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium

Amato United Kingdom

Scotland EDB 6569/2020 2020-05-14 EPI_ISL_478255 Original hCoV-19

Scottland Human Virology Department COVID-19 Genomics UK (COG-UK) consortium

Williams United Kingdom

USA UT 04295/2020 2020-05-15 EPI_ISL_522340 Original hCoV-19

Utah Human Utah Public Health Laboratory Utah Public Health Laboratory Young USA

EPI_ISL_546881 Original hCoV-19

Texas Human Houston Methodist Hospital Houston Methodist Hospital Long USA

EPI_ISL_430723 Original hCoV-19

Beijing Human Chinese PLA Institute for Disease Control and Prevention Chinese PLA Institute for Disease Control and Prevention Li China

EPI_ISL_552961 Original hCoV-19

England Human Lighthouse Lab in Milton Keynes Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium

Davies United Kingdom

Japan Human Pathogen Genomics Center Pathogen Genomics Center Sekizuka Japan

EPI_ISL_611394 Original hCoV-19

England Human Lighthouse Lab in Glasgow Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium

Davies United Kingdom

China Human Chinese PLA Institute for Disease Control and Prevention Li China

EPI_ISL_459373 Original hCoV-19

Northern Ireland NIRE FC 16E United Kingdom

Norther Ireland Human Regional Virus Laboratory Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium

Davies United Kingdom
> Spike|hCoV-19/Netherlands/NA_258/2020|2020-03-30|EPI_ISL_422792|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands
> Spike|hCoV-19/South Africa/KRISP-K001058/2020|2020-07-02|EPI_ISL_509315|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
> Spike|hCoV-19/Denmark/DGC-7618/2020|2020-10-19|EPI_ISL_618552|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
> Spike|hCoV-19/Scotland/QEUH-9FFE2F/2020|2020-10-02|EPI_ISL_600481|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Wales/PHWC-48B4C1/2020|2020-11-04|EPI_ISL_666243|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Portugal/PT2075/2020|2020-11-13|EPI_ISL_732289|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal
> Spike|hCoV-19/England/CAMC-B08841/2020|2020-10-29|EPI_ISL_643671|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/TX-HMH-MCoV-14788/2020|2020-10-12|EPI_ISL_786273|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19/United Arab Emirates/0150/2020|2020-05-18|EPI_ISL_698337|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
> Spike|hCoV-19/England/MILK-A7D347/2020|2020-10-13|EPI_ISL_606399|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/BRIS-129932/2020|2020-03-31|EPI_ISL_458372|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Bahrain/920453107/2020|2020-10-11|EPI_ISL_682308|Original|hCoV-19^^Bahrain|Human|Communicable Disease Laboratory|Communicable Disease Laboratory|Altaiif|Bahrain
> Spike|hCoV-19/England/ALDP-6B656E/2020|2020-06-29|EPI_ISL_557971|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/VA-DCLS-1430/2020|2020-07-13|EPI_ISL_581552|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
> Spike|hCoV-19/Wales/PHWC-2513P/2020|2020-03-22|EPI_ISL_420971|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
> Spike|hCoV-19/USA/CA-C2B-11916/2020|2020-10-05|EPI_ISL_672043|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA
> Spike|hCoV-19/United Arab Emirates/0462/2020|2020-05-18|EPI_ISL_696832|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
> Spike|hCoV-19/Scotland/QEUH-A00A71/2020|2020-10-02|EPI_ISL_585543|Original|hCoV-19^^Scotland|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|env|USA/FL-UP11/2020|2020-02-21|EPI_ISL_447900|Original|hCoV-19

> Spike|hCoV-19|England/LOND-D5189/2020|2020-04-15|EPI_ISL_449683|Original|hCoV-19

> Spike|hCoV-19|England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

> Spike|hCoV-19|England/LONDON/204321416/2020|2020-10-09|EPI_ISL_637117|Original|hCoV-19

> Spike|hCoV-19|England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

> Spike|hCoV-19|England/CAMBRIDGE/8018D/2020|2020-04-09|EPI_ISL_470373|Original|hCoV-19

> Spike|hCoV-19|England|Human|De...
>Spike|hCoV-19/Switzerland/BE-ETHZ-140033/2020|2020-05-27|EPI_ISL_476095|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spieke|hCoV-19/England/MILK-BB18DE/2020|2020-11-17|EPI_ISL_720136|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spieke|hCoV-19/Denmark/DGCC-11274/2020|2020-11-02|EPI_ISL_670807|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spieke|hCoV-19/South Africa/KRISP-K001110/2020|2020-07-17|EPI_ISL_509357|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
>Spieke|hCoV-19/England/QEUH-B68F77/2020|2020-11-11|EPI_ISL_662210|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spieke|hCoV-19/England/20126001204/2020|2020-03-17|EPI_ISL_423863|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spieke|hCoV-19/England/NORW-ED40D/2020|2020-05-26|EPI_ISL_472364|Original|hCoV-19^^England|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spieke|hCoV-19/Denmark/DGCC-18007/2020|2020-12-14|EPI_ISL_749697|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spieke|hCoV-19/Wales/PHWC-4901B3/2020|2020-11-16|EPI_ISL_706454|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spieke|hCoV-19/Denmark/DGCC-9856/2020|2020-11-09|EPI_ISL_669231|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spieke|hCoV-19/England/BRTS-1294E6/2020|2020-04-20|EPI_ISL_458766|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spieke|hCoV-19/Denmark/DGCC-14755/2020|2020-11-23|EPI_ISL_711958|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spieke|hCoV-19/England/NOTT-11227D/2020|2020-05-01|EPI_ISL_484361|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spieke|hCoV-19/Canada/QC-LSPQ-L00217098/2020|2020-03-13|EPI_ISL_535759|Original|hCoV-19^^Quebec|Human|H\u00e9v\u00e9pu00f4tel-Dieu de L\u00e9vis|Laboratoire de sant\u00e9|Qu\u00e9bec|Canada
>Spieke|hCoV-19/Australia/VIC199/2020|2020-03-19|EPI_ISL_419895|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia
>Spieke|hCoV-19/Scotland/QEUH-AEFF6A/2020|2020-10-30|EPI_ISL_676446|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spieke|hCoV-19/England/LIVE-DCB22C/2020|2020-12-09|EPI_ISL_724394|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spieke|hCoV-19/USA/IL-MM045/2020|2020-03-14|EPI_ISL_444544|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA
Spike|hCoV-19/Switzerland/ZH-ETHZ-321510|2020|2020-10-15|EPI_ISL_603720|Original|hCoV-19|Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

Spike|hCoV-19/USA/WY-WPHL-20160575|2020|2020-12-07|EPI_ISL_765962|Original|hCoV-19|Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

Spike|hCoV-19/England/LOND-1286D9|2020|2020-04-22|EPI_ISL_541763|Original|hCoV-19|England|Human|Barts Health NHS Trust|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Lighthouse Lab in Manchester|2020|2020-12-07|EPI_ISL_748877|Original|hCoV-19|England|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

Spike|hCoV-19/Geneva|Geneva|2020|2020-03-27|EPI_ISL_458183|Original|hCoV-19|Geneva|Human|KU Leuven|KU Leuven|Maes|Belgium

Spike|hCoV-19/Canada/BC_454062|2020|2020-03-10|EPI_ISL_418829|Original|hCoV-19|British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

Spike|hCoV-19/France/PAC-IHU-0548|2020|2020-04-08|EPI_ISL_569586|Original|hCoV-19|France|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Provence-Alpes-Côte d'Azur|France|2020-10-31|EPI_ISL_682144|Original|hCoV-19|France|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

Spike|hCoV-19/England/CAMB-1AF10F|2020|2020-04-30|EPI_ISL_459262|Original|hCoV-19|England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/NOTT-11F7DB|2020|2020-11-27|EPI_ISL_725570|Original|hCoV-19|England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

Spike|hCoV-19/England/ALDP-B45EA0|2020|2020-11-07|EPI_ISL_656064|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/Northern Ireland/NIRE-FD640|2020|2020-05-04|EPI_ISL_489353|Original|hCoV-19|Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/England/CAMC-A58272|2020|2020-10-08|EPI_ISL_597217|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/USA/CT-UW327|2020|2020-03-13|EPI_ISL_418894|Original|hCoV-19|Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-281|2020|2020-07-21|EPI_ISL_498814|Original|hCoV-19|Chittagong|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

Spike|hCoV-19/Spain/MD-ISICIII-2014585|2020|2020-08-19|EPI_ISL_691700|Original|hCoV-19|Madrid|Human|Hospital Clínico San Carlos|Instituto de Salud Carlos III|Caballero|Spain

Spike|hCoV-19/England/LEED-2A8A46|2020|2020-03-30|EPI_ISL_539132|Original|hCoV-19|England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Australia/VIC5708|2020|2020-07-19|EPI_ISL_518511|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

Spike|hCoV-19/England/BRTS-12522C|2020|2020-03-27|EPI_ISL_443758|Original|hCoV-19|England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

Spike|hCoV-19/England/MLIK-B54CC2|2020|2020-11-05|EPI_ISL_657932|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike | hCoV-19 | Kazakhstan | 7263/2020 | 2020-03-25 | EPI_ISL_454571 | Original | hCoV-19 | Nur-Sultan | Human | National Center of Expertise | National Center for Expertise | Abdaliyev | Kazakhstan

> Spike | hCoV-19 | England/CAMB-7B000 | 2020-04-10 | EPI_ISL_433905 | Original | hCoV-19 | England | Human | Department of Pathology | COVID-19 Genomics UK (COG-UK) Consortium | Meredith | United Kingdom

> Spike | hCoV-19 | England/QUEUH-9F0A07 | 2020-09-27 | EPI ISL_595787 | Original | hCoV-19 | England | Human | Oxford Viromics | COVID-19 Genomics UK (COG-UK) Consortium | Golubchik | United Kingdom

> Spike | hCoV-19 | Germany/NW-HHU-183 | 2020-03-27 | EPI_ISL_602505 | Original | hCoV-19 | North Rhine-Westphalia | Human | Institute for Virology | Center of Medical Microbiology | Wiemann | Germany

> Spike | hCoV-19 | USA/WA-UW385 | 2020-03-16 | EPI_ISL_418950 | Original | hCoV-19 | Washington | Human | UW Virology Lab | UW Virology Lab | Roychoudhury | USA

> Spike | hCoV-19 | Chile/RM-ISPC-21 | 2020-03-12 | EPI_ISL_445264 | Original | hCoV-19 | Region Metropolitana de Santiago | Human | CLINICA REDSALUD VITACURA | Instituto de Salud Publica de Chile | Fernandez | Chile

> Spike | hCoV-19 | England/CAMB-81993 | 2020-04-11 | EPI_ISL_442620 | Original | hCoV-19 | England | Human | Department of Pathology | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Amato | United Kingdom

> Spike | hCoV-19 | Netherlands/NB-EMC-206 | 2020-00-00 | EPI_ISL_523329 | Original | hCoV-19 | Noord Brabant | Human | Dutch COVID-19 response team | Erasmus Medical Center | Oude Munnik | Netherlands

> Spike | hCoV-19 | USA/AZ-TG668359 | 2020-05-12 | EPI_ISL_696280 | Original | hCoV-19 | Arizona | Human | Sonora Quest Laboratories | TGen North | French | USA

> Spike | hCoV-19 | Australia/VIC9941 | 2020-07-23 | EPI_ISL_565791 | Original | hCoV-19 | Victoria | Human | Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL) | MDU-PHL | Schultz | Australia

> Spike | hCoV-19 | Brazil/MG-0222 | 2020-04-06 | EPI_ISL_470588 | Original | hCoV-19 | Minas Gerais | Human | Hermes Pardini | Bioinformatics Laboratory / LNCC | Almeida | Brazil

> Spike | hCoV-19 | Scotland/CVR4703 | 2020-09-27 | EPI_ISL_611884 | Original | hCoV-19 | Scotland | Human | West of Scotland Specialist Virology Centre | COVID-19 Genomics UK (COG-UK) Consortium | Robertson | United Kingdom

> Spike | hCoV-19 | England/2016071904 | 2020-04-16 | EPI_ISL_466584 | Original | hCoV-19 | England | Human | Respiratory Virus Unit | Respiratory Virus Unit | Platt | United Kingdom

> Spike | hCoV-19 | England/QUEUH-9D1694 | 2020-09-14 | EPI_ISL_573652 | Original | hCoV-19 | England | Human | University College London | COVID-19 Genomics UK (COG-UK) Consortium | Roy | United Kingdom

> Spike | hCoV-19 | Denmark/DGCC-13790 | 2020-11-30 | EPI_ISL_713027 | Original | hCoV-19 | Sjaelland | Human | Department of Virus and Microbiological Special Diagnostics | Albertsen Lab | Michaelsen | Denmark

> Spike | hCoV-19 | Brazil/PE-BPHL-1593 | 2020-05-22 | EPI_ISL_594283 | Original | hCoV-19 | Brazil | Human | Florida Bureau of Public Health Laboratories | Florida Bureau of Public Health Laboratories | Blanton | USA

> Spike | hCoV-19 | England/LOND-D7248 | 2020-04-11 | EPI_ISL_478465 | Original | hCoV-19 | England | Human | University College London | COVID-19 Genomics UK (COG-UK) Consortium | Roy | United Kingdom

> Spike | hCoV-19 | Brazil/2016071904 | 2020-04-16 | EPI_ISL_466584 | Original | hCoV-19 | Brazil | Human | National Public Health Laboratory | National Public Health Laboratory | Matthes | Brazil

> Spike | hCoV-19 | England/BIRM-60587 | 2020-05-27 | EPI_ISL_477729 | Original | hCoV-19 | England | Human | University of Birmingham | COVID-19 Genomics UK (COG-UK) Consortium | Loman | United Kingdom

> Spike | hCoV-19 | England/ALDP-A4FEC5 | 2020-10-07 | EPI_ISL_597816 | Original | hCoV-19 | England | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> Spike | hCoV-19 | Norway/3747/2020 | 2020-09-03 | EPI_ISL_591001 | Original | hCoV-19 | Viken | Human | Ostfold Hospital Trust – Kalnes | Norwegian Institute of Public Health | Vollan | Norway

> Spike | hCoV-19 | Japan/PG-1047 | 2020-04-00 | EPI_ISL_684657 | Original | hCoV-19 | Japan | Human | Fukuoka Institute of Health and Environmental Sciences | Pathogen Genomics Center | Sekizuka | Japan
Spike|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19^Australia/VIC10155^2020|2020-08-26|EPI_ISL_562810|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

> Spike|hCoV-19^England/MDUK-9A8757^2020|2020-08-31|EPI_ISL_549417|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

> Spike|hCoV-19^England/MDUK-B867A8^2020|2020-11-13|EPI_ISL_674019|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19^USA/CA-ALSR^2012^2020|2020-05-14|EPI_ISL_635305|Original|hCoV-19^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

> Spike|hCoV-19^Israel/CVL-n-6731^2020|2020-04-09|EPI_ISL_474976|Original|hCoV-19^Bat-Yam|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

> Spike|hCoV-19^USA/TX-HMH^1381|2020-05-01|EPI_ISL_542685|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

> Spike|hCoV-19^USA/MI-WI-GMF^20760|2020-09-17|EPI_ISL_660813|Original|hCoV-19^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

> Spike|hCoV-19^USA/LA-EVTl027|2020-04-24|EPI_ISL_435565|Original|hCoV-19^Louisiana|Human|LSUHS Emerging Viral Threat laboratory|Microbial Genome Sequencing Center|Kamil|USA

> Spike|hCoV-19^Scotland/CVR1000|2020-03-29|EPI_ISL_433498|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

> Spike|hCoV-19^England/NOTT^10EB86|2020-03-18|EPI_ISL_425494|Original|hCoV-19^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

> Spike|hCoV-19^Wales/PHWC-48EA26|2020-11-14|EPI_ISL_680949|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19^India/UP-NCDC-01257|2020-03-12|EPI_ISL_435060|Original|hCoV-19^Uttar Pradesh|Human|National Centre for Disease Control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

> Spike|hCoV-19^South Africa/KRISP-K004344|2020-10-26|EPI_ISL_660219|Original|hCoV-19^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

> Spike|hCoV-19^Wales/PHWC-483C3A|2020-10-19|EPI_ISL_627912|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19^Scotland/EDB11315|2020-12-24|EPI_ISL_764362|Original|hCoV-19^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Mchugh|United Kingdom

> Spike|hCoV-19^Belgium/ITM_C585|2020-04-16|EPI_ISL_434381|Original|hCoV-19^Antwerp|Human|Hospital AZ Rivierenland|Institute of Tropical Medicine|Selhorst|Belgium

> Spike|hCoV-19^Denmark/DGCC-6869|2020-10-12|EPI_ISL_619714|Original|hCoV-19^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelisen|Denmark

> Spike|hCoV-19^Germany/NW-HHU-203|2020-04-07|EPI_ISL_602477|Original|hCoV-19^North Rhine-Westphalia|Human|Institute for Virology|Center of Medical Microbiology|Niemann|Germany

> Spike|hCoV-19^England/ALDP-A516C8|2020-10-07|EPI_ISL_598022|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
| Spike | hCoV-19 | England/LCST-24D6F3 | 2020-06-11 | EPI_ISL_484239 | Original | hCoV-19 |
|-------|---------|---------------------|------------|----------------|----------|---------|
| England | Human | University Hospitals Of Leicester NHS Trust and DeepSeq | COVID-19 Genomics UK (COG-UK) Consortium | Loose | United Kingdom |

| Spike | hCoV-19 | England/LIVE-997BE | 2020-04-09 | EPI_ISL_439758 | Original | hCoV-19 |
|-------|---------|--------------------|------------|----------------|----------|---------|
| England | Human | Liverpool Clinical Laboratories | COVID-19 Genomics UK (COG-UK) Consortium | Haldenby | United Kingdom |

| Spike | hCoV-19 | England/ALDP-A93554 | 2020-10-19 | EPI_ISL_611080 | Original | hCoV-19 |
|-------|---------|--------------------|------------|----------------|----------|---------|
| England | Human | Lighthouse Lab in Alderney Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |

| Spike | hCoV-19 | England/MILK-956D65 | 2020-06-17 | EPI_ISL_554262 | Original | hCoV-19 |
|-------|---------|--------------------|------------|----------------|----------|---------|
| England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |

| Spike | hCoV-19 | England/MILK-62104F | 2020-07-06 | EPI_ISL_557938 | Original | hCoV-19 |
|-------|---------|--------------------|------------|----------------|----------|---------|
| England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |

| Spike | hCoV-19 | England/201360277 | 2020-03-25 | EPI_ISL_423262 | Original | hCoV-19 |
|-------|---------|--------------------|------------|----------------|----------|---------|
| England | Human | Respiratory Virus Unit | Respiratory Virus Unit | Platt | United Kingdom |

| Spike | hCoV-19 | Denmark/DCGC-6154 | 2020-10-05 | EPI_ISL_620057 | Original | hCoV-19 |
|-------|---------|--------------------|------------|----------------|----------|---------|
| Denmark | Human | Department of Virus and Microbiological Special Diagnostics | Albertsen lab | Michaelensen | Denmark |

| Spike | hCoV-19 | USA/NY-NYUMC122 | 2020-03-31 | EPI_ISL_424929 | Original | hCoV-19 |
|-------|---------|-----------------|------------|----------------|----------|---------|
| New York | Human | NYU Langone Health | Departments of Pathology and Medicine | Maurano | USA |

| Spike | hCoV-19 | USA/WA-S269 | 2020-03-10 | EPI_ISL_430123 | Original | hCoV-19 |
|-------|---------|------------|------------|----------------|----------|---------|
| Washington | Human | Seattle Flu Study | Seattle Flu Study | Bedford | USA |

| Spike | hCoV-19 | England/SHEF-10B2D9A | 2020-05-16 | EPI_ISL_537255 | Original | hCoV-19 |
|-------|---------|----------------------|------------|----------------|----------|---------|
| England | Human | Virology Department | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |

| Spike | hCoV-19 | USA/CA-CZB-4007 | 2020-08-01 | EPI_ISL_548618 | Original | hCoV-19 |
|-------|---------|-----------------|------------|----------------|----------|---------|
| California | Human | County of Santa Clara Public Health Department | Chan-Zuckerberg Biohub | Bhatt | USA |

| Spike | hCoV-19 | England/ALDP-B24FD1 | 2020-11-04 | EPI_ISL_646628 | Original | hCoV-19 |
|-------|---------|---------------------|------------|----------------|----------|---------|
| England | Human | Lighthouse Lab in Alderney Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |

| Spike | hCoV-19 | England/CAMB-7469C | 2020-03-29 | EPI_ISL_425322 | Original | hCoV-19 |
|-------|---------|--------------------|------------|----------------|----------|---------|
| England | Human | Department of Pathology | COVID-19 Genomics UK (COG-UK) Consortium | Loose | United Kingdom |

| Spike | hCoV-19 | Lithuania/MR-LUHS-Eilnrj12 | 2020-11-00 | EPI_ISL_770534 | Original | hCoV-19 |
|-------|---------|-----------------------------|------------|----------------|----------|---------|
| Lithuania | Human | Private lab | Lithuanian University of Health Sciences | Zemaitis | Lithuania |

| Spike | hCoV-19 | England/ALDP-6BE8D6 | 2020-07-02 | EPI_ISL_557985 | Original | hCoV-19 |
|-------|---------|---------------------|------------|----------------|----------|---------|
| England | Human | Lighthouse Lab in Alderney Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |

| Spike | hCoV-19 | Spain/MD-IBV-99009616 | 2020-08-07 | EPI_ISL_654330 | Original | hCoV-19 |
|-------|---------|-----------------------|------------|----------------|----------|---------|
| Madrid | Human | Hospital General Universitario Gregorio Mara | u00f1 | u00f3n | SeqCOVID-SPAIN consortium/IBV(CSIC) | Comas | Spain |

| Spike | hCoV-19 | USA/MN-MDH-1885 | 2020-10-17 | EPI_ISL_603020 | Original | hCoV-19 |
|-------|---------|-----------------|------------|----------------|----------|---------|
| Minnesota | Human | Minnesota Department of Health | Minnesota Department of Health | Garfin | USA |

| Spike | hCoV-19 | USA/FL-BPHL-1942 | 2020-04-09 | EPI_ISL_613734 | Original | hCoV-19 |
|-------|---------|-----------------|------------|----------------|----------|---------|
| Florida | Human | Florida Bureau of Public Health Laboratories | Florida Bureau of Public Health Laboratories | Blanton | USA |
>Spike|hCoV-19/Belgium/ULG-10478/2020|2020-09-23|EPI_ISL_581646|Original|hCoV-19|England|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Wales/PHWC-488BFC/2020|2020-10-28|EPI_ISL_639480|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUH-96EA72/2020|2020-08-19|EPI_ISL_530611|Original|hCoV-19|Northern Ireland|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Cambridge/CAMC-27188/2020|2020-03-30|EPI_ISL_431933|Original|hCoV-19|Cambridge|Human|Division of Virology and Microbiological Special Diagnostics|Albersen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Singapore/484/2020|2020-03-21|EPI_ISL_492979|Original|hCoV-19|Singapore|Human|Department of Laboratory Medicine Tan Tock Seng Hospital|Department of Laboratory Medicine Tan Tock Seng Hospital|Chen|Singapore

>Spike|hCoV-19/South Korea/KCDC2179/2020|2020-03-24|EPI_ISL_506973|Original|hCoV-19|South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Wales/PHWC-27188/2020|2020-03-30|EPI_ISL_431933|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-1D4A15/2020|2020-09-04|EPI_ISL_611723|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMC-27188/2020|2020-12-19|EPI_ISL_778208|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B84B35/2020|2020-11-14|EPI_ISL_674351|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4284/2020|2020-07-09|EPI_ISL_692513|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WY-WYPHL-20011618/2020|2020-05-02|EPI_ISL_540421|Original|hCoV-19|Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/Canada/QC-LSPQ-L00242228/2020|2020-03-29|EPI_ISL_536312|Original|hCoV-19|Quebec|Human|Hôpital de Hull|Laboratoire de santé publique du Québec|Montréal|Canada

>Spike|hCoV-19/USA/MA-MGH-02992/2020|2020-07-14|EPI_ISL_765673|Original|hCoV-19|Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/MILK-99CFE5/2020|2020-08-30|EPI_ISL_549950|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7D05F/2020|2020-10-13|EPI_ISL_606793|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM13300872/2020|2020-11-19|EPI_ISL_753405|Original|hCoV-19|California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/England/BRIS-130CD5/2020|2020-03-23|EPI_ISL_492676|Original|hCoV-19|England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/2013078204/2020|2020-03-26|EPI_ISL_423324|Original|hCoV-19|England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/England/CAMB-A9865C/2020|2020-12-25|EPI_ISL_763816|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spik|eCoV-19/DRC/4442/2020|2020-04-29|EPI_ISL_496510|Original|hCoV-19^^England|Human|Department of Pathology|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo
>Spik|eCoV-19/Scotland/QEUH-9C8B0A/2020|2020-09-10|EPI_ISL_575995|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|eCoV-19/England/MILK-B55960/2020|2020-11-05|EPI_ISL_657703|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|eCoV-19/USA/MI-MDHHS-SC21698/2020|2020-03-24|EPI_ISL_529817|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spik|eCoV-19/USA/MI-MDHHS-SC21821/2020|2020-03-15|EPI_ISL_565864|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spik|eCoV-19/Russia/ORE-RII-MH3429S/2020|2020-10-07|EPI_ISL_733147|Original|hCoV-19^^Orenburg|Human|HELIK LLC|WHO National Influenza Centre Russian Federation|Komissaroy|Russia
>Spik|eCoV-19/England/MILK-99559F/2020|2020-08-25|EPI_ISL_551711|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|eCoV-19/Australia/VIC3005/2020|2020-07-07|EPI_ISL_521835|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spik|eCoV-19/Luxembourg/LNS4755447/2020|2020-10-24|EPI_ISL_740539|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9-Wienecke-Baldacchino|Luxembourg
>Spik|eCoV-19/Singapore/777/2020|2020-07-13|EPI_ISL_509387|Original|hCoV-19^^Singapore|Human|Singapore General Hospital|Department of Microbiology|Abdul Rahman|Singapore
>Spik|eCoV-19/England/CAMB-773CF/2020|2020-03-31|EPI_ISL_439463|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spik|eCoV-19/USA/NY-Wadsworth-249787-01/2020|2020-10-20|EPI_ISL_754739|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
>Spik|eCoV-19/England/SHEF-C73DF/2020|2020-05-06|EPI_ISL_490607|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spik|eCoV-19/Australia/VIC11487/2020|2020-08-29|EPI_ISL_563393|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spik|eCoV-19/USA/TX-DSHS-1609/2020|2020-09-15|EPI_ISL_700699|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spik|eCoV-19/England/LIVE-A7627/2020|2020-03-28|EPI_ISL_517049|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spik|eCoV-19/Denmark/DGCC-11175/2020|2020-11-02|EPI_ISL_670438|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spik|eCoV-19/USA/TX-HMH-MCoV-13807/2020|2020-08-17|EPI_ISL_787100|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|eCoV-19/England/MILK-AB7D25/2020|2020-10-21|EPI_ISL_623784|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/IL-UW-531/2020|2020-06-24|EPI_ISL_484906|Original|hCoV-19
^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
Spike|hCoV-19/England/ALDP-A95349/2020|2020-10-19|EPI_ISL_624796|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Wales/ALDP-A68AOE/2020|2020-10-12|EPI_ISL_608930|Original|hCoV-19
^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/FL-BPHL-0266/2020|2020-05-04|EPI_ISL_480917|Original|hCoV-19
^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
Spike|hCoV-19/USA/MN-MDH-2012/2020|2020-10-05|EPI_ISL_644943|Original|hCoV-19
^Minnesota|Human|Essentia Health-St. Mary's Medical Center|Minnesota Department of Health|Lorentz|USA
Spike|hCoV-19/Japan/PG-6194/2020|2020-08-00|EPI_ISL_689306|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19/Scotland/QEUH-AD4AC1/2020|2020-10-27|EPI_ISL_644014|Original|hCoV-19
^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/2016006504/2020|2020-04-17|EPI_ISL_466602|Original|hCoV-19
^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
Spike|hCoV-19/Wales/MILK-9EF4A8/2020|2020-09-25|EPI_ISL_594920|Original|hCoV-19
^Wales|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
Spike|hCoV-19/England/MILK-9C37A1/2020|2020-09-06|EPI_ISL_566768|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/TX-DSHS-0475/2020|2020-06-21|EPI_ISL_542006|Original|hCoV-19
^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
Spike|hCoV-19/England/BRIS-1248EF/2020|2020-03-25|EPI_ISL_443735|Original|hCoV-19
^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
Spike|hCoV-19/USA/TX-HMH-MCoV-13340/2020|2020-08-24|EPI_ISL_788488|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/USA/WI-UW-202/2020|2020-03-25|EPI_ISL_428298|Original|hCoV-19
^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA
Spike|hCoV-19/Australia/VIC7667/2020|2020-08-07|EPI_ISL_564564|Original|hCoV-19
^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
Spike|hCoV-19/Scotland/GCVR-172DA7/2020|2020-04-06|EPI_ISL_524524|Original|hCoV-19
^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-Unclassified Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/UT-UPHL-2012538966/2020|2020-06-17|EPI_ISL_746372|Original|hCoV-19
^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA
Spike|hCoV-19/England/LIVE-DC3A59/2020|2020-11-10|EPI_ISL_705868|Original|hCoV-19
^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
Spike|hCoV-19/England/MILK-A47319/2020|2020-10-06|EPI_ISL_598319|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/PA-MGEL-00263/2020|2020-04-21|EPI_ISL_681993|Original|hCoV-19
^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genomic Epidemiology Laboratory|Griffith|USA
COVID-19 Spike hCoV
>Spike|hCoV-19/USA/CA-CZB-11880/2020|2020-09-29|EPI_ISL_672277|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/CA-CZB-1212/2020|2020-03-23|EPI_ISL_450461|Original|hCoV-19^^California|Human|Stanford clinical virology lab|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/Scotland/CVR4117/2020|2020-09-08|EPI_ISL_540815|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/WA-S1633/2020|2020-05-27|EPI_ISL_496059|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Netherlands/NB-EMC-172/2020|2020-00-00|EPI_ISL_523295|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands

>Spike|hCoV-19/Gibraltar/204841760/2020|2020-00-00|EPI_ISL_671327|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/England/PA-8395/2020|2020-08-00|EPI_ISL_687494|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Canada/QC-LSPQ-L00233585/2020|2020-03-23|EPI_ISL_536029|Original|hCoV-19^^Quebec|Human|H\u00e9pital Honor\u00e9-Mercier|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Switzerland/BE-ETHZ-270218/2020|2020-08-31|EPI_ISL_541446|Original|hCoV-19^^Bern|Human|Vioillier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/WY-WPHL-20152944/2020|2020-11-29|EPI_ISL_770111|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/USA/WA-UW-12127/2020|2020-06-25|EPI_ISL_570491|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/AK-PHL1744/2020|2020-07-21|EPI_ISL_528502|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Drown|USA

>Spike|hCoV-19/England/LOND-12F0A88/2020|2020-11-22|EPI_ISL_679600|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/CAMB-7E44D/2020|2020-04-07|EPI_ISL_524531|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-992B18/2020|2020-08-28|EPI_ISL_551958|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC3803/2020|2020-07-13|EPI_ISL_520520|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QUEU-A4C6A2/2020|2020-10-07|EPI_ISL_595989|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/CA-CDPH016/2020|2020-02-28|EPI_ISL_515909|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/Denmark/DCGC-14706/2020|2020-11-23|EPI_ISL_711920|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark

>Spike|hCoV-19/England/QUEU-9990E5/2020|2020-08-24|EPI_ISL_541814|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1218/2020|2020-08-20|EPI_ISL_536591|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr455/2020|2020-09-09|EPI_ISL_636891|Original|hCoV-19|^Kauno apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spitk|hCoV-19/Scotland/QEUH-B10FF6/2020|2020-11-03|EPI_ISL_649536|Original|hCoV-19|^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spitk|hCoV-19/South Korea/KCDC2279/2020|2020-05-18|EPI_ISL_510616|Original|hCoV-19|^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spitk|hCoV-19/USA/WA-UW-6560/2020|2020-04-05|EPI_ISL_570129|Original|hCoV-19|^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spitk|hCoV-19/Scotland/QEUH-9FAP41/2020|2020-09-29|EPI_ISL_600608|Original|hCoV-19|^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spitk|hCoV-19/Wales/PHWC-4BD85A/2020|2020-11-13|EPI_ISL_680688|Original|hCoV-19|^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spitk|hCoV-19/England/CAMB-1AC71F/2020|2020-04-23|EPI_ISL_489573|Original|hCoV-19|^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spitk|hCoV-19/England/ALDP-AA1939/2020|2020-10-21|EPI_ISL_624166|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spitk|hCoV-19/England/ALDP-A93A28/2020|2020-10-19|EPI_ISL_611240|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spitk|hCoV-19/England/ALDP-A8768D/2020|2020-10-17|EPI_ISL_606110|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spitk|hCoV-19/Denmark/ALAB-HH-163/2020|2020-04-14|EPI_ISL_452035|Original|hCoV-19|^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spitk|hCoV-19/South Korea/KCDC2505/2020|2020-06-16|EPI_ISL_514908|Original|hCoV-19|^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spitk|hCoV-19/England/MILK-BA9E40/2020|2020-11-18|EPI_ISL_681331|Original|hCoV-19|^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spitk|hCoV-19/England/MILK-A17DC9/2020|2020-10-01|EPI_ISL_594988|Original|hCoV-19|^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust / COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spitk|hCoV-19/England/2010003104/2020|2020-03-01|EPI_ISL_464243|Original|hCoV-19|^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spitk|hCoV-19/Japan/PG-2020/2020|2020-04-00|EPI_ISL_685625|Original|hCoV-19|^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan

>Spitk|hCoV-19/Spain/VC-IBV-98004476/2020|2020-03-24|EPI_ISL_722211|Original|hCoV-19|^Comunitat Valenciana|Human|Servicio de Microbiologia\u00eda. Hospital General Universitario de Castell\u00f3n|SegCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spitk|hCoV-19/USA/TX-HMH-5592/2020|2020-06-23|EPI_ISL_544886|Original|hCoV-19|^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spitk|hCoV-19/USA/FL-BPHL-1421/2020|2020-08-31|EPI_ISL_549203|Original|hCoV-19|^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19|England/CAMC-B22C72/2020|2020-11-02|EPI_ISL_647360|Original|hCoV-19
>England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|England/MILK-B875E9/2020|2020-11-13|EPI_ISL_724785|Original|hCoV-19
>England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19|USA/200696/2020|2020-09-17|EPI_ISL_631453|Original|hCoV-19
>Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA
>Spike|hCoV-19|England/ALDP-A6DD6A/2020|2020-10-15|EPI_ISL_606996|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/204761673/2020|2020-11-18|EPI_ISL_683554|Original|hCoV-19
>England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spike|hCoV-19|Wales/PHWC-2806C/2020|2020-03-25|EPI_ISL_432083|Original|hCoV-19
>Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19|Japan/IC-0386/2020|2020-12-00|EPI_ISL_736897|Original|hCoV-19
>Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19|USA/MI-UM-10036307468/2020|2020-10-06|EPI_ISL_596607|Original|hCoV-19
>Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>Spike|hCoV-19|USA/NY-NYCPHL-000546/2020|2020-03-23|EPI_ISL_632006|Original|hCoV-19
>New York|Human|OCME Office Of Chief Medical Examiner|New York City Public Health Laboratory|Wang|USA
>Spike|hCoV-19|Australia/VIC5983/2020|2020-07-21|EPI_ISL_518758|Original|hCoV-19
>Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19|USA/FL-QDX-2510/2020|2020-03-17|EPI_ISL_604775|Original|hCoV-19
>Florida|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19|England/CAMC-C42543/2020|2020-12-10|EPI_ISL_719184|Original|hCoV-19
>England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|England/LIVE-DCBDD0/2020|2020-11-27|EPI_ISL_724465|Original|hCoV-19
>England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19|Denmark/DGCC-19224/2020|2020-12-07|EPI_ISL_748369|Original|hCoV-19
>Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19|Belgium/rega-0416502/2020|2020-04-16|EPI_ISL_734594|Original|hCoV-19
>Beverlo|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Spike|hCoV-19|Denmark/DGCC-2027/2020|2020-07-27|EPI_ISL_618249|Original|hCoV-19
>Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19|England/QEUH-B7C990/2020|2020-11-14|EPI_ISL_741806|Original|hCoV-19
>England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19|England/BRIS-1853188/2020|2020-04-02|EPI_ISL_492382|Original|hCoV-19
>England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/ALDP-A2P380/2020|2020-10-06|EPI_ISL_587054|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Norway/2847/2020|2020-07-03|EPI_ISL_500770|Original|hCoV-19
>Norway|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Kopperud Riis|Norway
>Spike|hCoV-19/Kenya/C3129/2020|2020-04-28|EPI_ISL_457897|Original|hCoV-
19^^Kenya|Human|KEMRI-CGMR-C|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C
Kilifi|Githinji|Kenya
>Spik©>hCoV-19/Australia/VIC18020/2020|2020-12-30|EPI_ISL_779632|Original|hCoV-
19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL
and MDU-PHL|Beck|Australia
>Spik©>hCoV-19/England/QEUH-B68CAD/2020|2020-11-11|EPI ISL 655014|Original|hCoV-
19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik©>hCoV-19/Russia/OMS-ORINFI-90805/2020|2020-05-19|EPI ISL 569746|Original|hCoV-
19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National
Influenza Centre Russian Federation|Kommisarov|Russia
>Spik©>hCoV-19/Norway/3212/2020|2020-08-24|EPI ISL 549039|Original|hCoV-
19^^Viken|Human|Medical Microbiology Unit|Norwegian Institute of Public
Health|Kopperud Riis|Norway
>Spik©>hCoV-19/France/PAC-IHU-0012/2020|2020-03-06|EPI ISL 569243|Original|hCoV-
19^^Provence-Alpes-C^u00f4te-du-vcu00e9u2019Azur|Human|MEPHI|MEPHI|Levasseur|France
>Spik©>hCoV-19/USA/NY-NYUMC622/2020|2020-04-02|EPI ISL 444739|Original|hCoV-19^^New
York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
>Spik©>hCoV-19/USA/MDHHS-1769/2020|2020-04-11|EPI ISL 590773|Original|hCoV-
19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department
of Health and Human Services|Blankenship|USA
>Spik©>hCoV-19/USA/CODPHE-2004220764/2020|2020-04-21|EPI ISL 710193|Original|hCoV-
19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado
Department of Pupil Health and Environment|Bankers|USA
>Spik©>hCoV-19/Japan/PG-0585/2020|2020-04-00|EPI ISL 684199|Original|hCoV-
19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spik©>hCoV-19/USA/TX-HMH-6064/2020|2020-07-04|EPI ISL 547206|Original|hCoV-
19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik©>hCoV-19/England/LIVE-1D2B7E/2020|2020-03-29|EPI ISL 612410|Original|hCoV-
19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK)
Consortium|Haldenby|United Kingdom
>Spik©>hCoV-19/Russia/MOW-RII-MH4076S/2020|2020-06-09|EPI ISL 733159|Original|hCoV-
19^^Moscow|Human|Pathogenic Microorganisms Variability Laboratory|WHO National
Influenza Centre Russian Federation|Kommisarov|Russia
>Spik©>hCoV-19/Australia/VIC7190/2020|2020-07-08|EPI ISL 564271|Original|hCoV-
19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-
PHL)|MDU-PHL|Schultz|Australia
>Spik©>hCoV-19/USA/OH-MDHHS-SC20370/2020|2020-03-13|EPI ISL 450584|Original|hCoV-
19^^Ohio|Human|Michigan Department of Health and Human Services|Michigan Department
of Health and Human Services|Blankenship|USA
>Spik©>hCoV-19/Wales/PHWC-49552B/2020|2020-11-22|EPI ISL 726358|Original|hCoV-
19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik©>hCoV-19/England/CAMC-B21569/2020|2020-11-02|EPI ISL 647651|Original|hCoV-
19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik©>hCoV-19/Spain/VC-FISABIO-251/2020|2020-03-27|EPI ISL 436346|Original|hCoV-
19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Clinico
Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular
Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain
>Spik©>hCoV-19/England/QEUH-C46F7/2020|2020-11-21|EPI ISL 680135|Original|hCoV-
19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de
Silva|United Kingdom
>Spik©>hCoV-19/Denmark/DCGC-1273/2020|2020-06-08|EPI ISL_618066|Original|hCoV-
19^^Nordjylland|Human|Department of Virus and Microbiological Special
Diagnostics|Albersen lab|Michaelersen|Denmark
>Spik©>hCoV-19/Wales/PHWC-48893E/2020|2020-11-02|EPI ISL 639445|Original|hCoV-
19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK
(COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Japan/PG-1777/2020|2020-04-00|EPI_ISL_685383|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
> Spike|hCoV-19/England/ALDP-A95DF0/2020|2020-10-20|EPI_ISL_624720|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/QEUH-9651C1/2020|2020-08-12|EPI_ISL_531176|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/QEUH-9F4EDF/2020|2020-09-25|EPI_ISL_588406|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/WA-UW-27490/2020|2020-09-07|EPI_ISL_717771|Original|hCoV-19|Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
> Spike|hCoV-19/England/ALDP-5CA9F3/2020|2020-06-19|EPI_ISL_558537|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/QEUH-987193/2020|2020-09-04|EPI_ISL_590568|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Netherlands/NA_675/2020|2020-03-10|EPI_ISL_461110|Original|hCoV-19|Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
> Spike|hCoV-19/England/CAMC-B9803F/2020|2020-11-15|EPI_ISL_675075|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/England/ALDP-CB5059/2020|2020-12-18|EPI_ISL_767102|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/England/FORT-2D15F8/2020|2020-04-20|EPI_ISL_512404|Original|hCoV-19|England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
> Spike|hCoV-19/Canada/ON-S1939/2020|2020-11-24|EPI_ISL_755660|Original|hCoV-19|Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
> Spike|hCoV-19/England/CAMB-76FAE/2020|2020-03-31|EPI_ISL_425444|Original|hCoV-19|England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
> Spike|hCoV-19/France/GES-8777/2020|2020-03-17|EPI_ISL_560623|Original|hCoV-19|Grand-Est|Human|Hospital|National Reference Center for Viruses of Respiratory Infections|Enouf|France
> Spike|hCoV-19/Australia/VIC7756/2020|2020-07-31|EPI_ISL_564632|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultzz|Australia
> Spike|hCoV-19/England/MILK-9ECC85/2020|2020-04-28|EPI_ISL_589407|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/QEUH-757470/2020|2020-07-17|EPI_ISL_532971|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/MILK-ACDD3B/2020|2020-10-21|EPI_ISL_630098|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Denmark/DGCC-8871/2020|2020-10-26|EPI_ISL_626094|Original|hCoV-19|Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
> Spike|hCoV-19/Scotland/QEUH-A77C42/2020|2020-10-14|EPI_ISL_638950|Original|hCoV-19|Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19|England/EXET-1367DE/2020|2020-05-06|EPI_ISL_457235|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temerton|United Kingdom

>Spike|hCoV-19|USA/2019-NY-Wadsworth-290727-01/2020|2020-12-21|EPI_ISL_767554|Original|hCoV-19^^New York|Human|URMC LABS|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19|England/CAMB-1B0569/2020|2020-05-11|EPI_ISL_452892|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19|Denmark/DCGC-4897/2020|2020-09-21|EPI_ISL_621583|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19|USA/CA-CZB-3916/2020|2020-07-24|EPI_ISL_548528|Original|hCoV-19^^California|Human|Contra Costa Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19|England/QEUH-98FE60/2020|2020-08-25|EPI_ISL_539950|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|USA/CA-ALSRT-3009/2020|2020-07-17|EPI_ISL_635783|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19|USA/CT-Yale-109/2020|2020-04-08|EPI_ISL_435706|Original|hCoV-19^^Connecticut|Human|Yale COVID-19 Biorepository|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19|USA/TX-HMH-MCoV-14772/2020|2020-10-12|EPI_ISL_786257|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19|USA/NY-QDX-1913/2020|2020-03-15|EPI_ISL_604251|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Netherlands/NB-EMC-242/2020|2020-06-18|EPI_ISL_523365|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/204820101/2020|2020-11-24|EPI_ISL_683575|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Singapore/1374/2020|2020-07-02|EPI_ISL_648727|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Australia/VIC6990/2020|2020-07-23|EPI_ISL_564184|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-49E531/2020|2020-05-20|EPI_ISL_559465|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1263/2020|2020-12-04|EPI_ISL_778929|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Denmark/DCGC-2987/2020|2020-08-24|EPI_ISL_616749|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVRS5668/2020|2020-11-08|EPI_ISL_650649|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000909/2020|2020-03-20|EPI_ISL_632970|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/ALDP-A84AC0/2020|2020-10-18|EPI_ISL_610609|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NW328/2020|2020-03-30|EPI_ISL_451590|Original|hCoV-19^^New South Wales|Human|ACT pathology|NSW Health Pathology - Institute of Clinical
> Spike|hCoV-19|USA/CA-ALSR-1315/2020|2020-04-30|EPI_ISL_494491|Original|hCoV-19|California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
> Spike|hCoV-19|USA/NY-QDX-2188/2020|2020-03-15|EPI_ISL_604565|Original|hCoV-19|New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
> Spike|hCoV-19|Spain/MD-IBV-99007114/2020|2020-07-21|EPI_ISL_541888|Original|hCoV-19|Madrid|Human|Hospital General Universitario Gregorio Marañón|u00f1o00f3n|SeqCOVID-19 Spain consortium/IBV(CSIC)|Comas|Spain
> Spike|hCoV-19|England/ALDP-9527B6/2020|2020-06-11|EPI_ISL_553895|Original|hCoV-19| England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England/ALDP-1960|2020-06-25|EPI_ISL_512263|Original|hCoV-19| California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
> Spike|hCoV-19|England/ALDP-9527B6/2020|2020-06-11|EPI_ISL_553895|Original|hCoV-19| England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Denmark/DGCC-8730/2020|2020-10-26|EPI_ISL_626016|Original|hCoV-19|England/Denmark|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
> Spike|hCoV-19|Scotland/EDB6603/2020|2020-05-18|EPI_ISL_484680|Original|hCoV-19|Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
> Spike|hCoV-19|England/QEUH-A9F585/2020|2020-10-19|EPI_ISL_611439|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England/ALDP-5A2BEC/2020|2020-06-14|EPI_ISL_558713|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Switzerland/NE-ETHZ-350456/2020|2020-11-03|EPI_ISL_729204|Original|hCoV-19|Neuchâtel|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
> Spike|hCoV-19|USA/WA-S415/2020|2020-03-28|EPI_ISL_434175|Original|hCoV-19|Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
> Spike|hCoV-19|Wales/PHWC-164160/2020|2020-05-12|EPI_ISL_474135|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19|England/CAMC-9DF3BD/2020|2020-09-20|EPI_ISL_637645|Original|hCoV-19|England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
> Spike|hCoV-19|England/ALDP-B45D3A/2020|2020-11-07|EPI_ISL_656226|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England/QEUH-A3101B/2020|2020-10-04|EPI_ISL_595853|Original|hCoV-19|England|Human|Quadratus Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Ali Khan|United Kingdom
> Spike|hCoV-19/Luxembourg/LNS3591441/2020|2020-10-23|EPI_ISL_740340|Original|hCoV-19/Luxembourg|Human|Laboratoire national de santÉ u00e9|Laboratoire national de santÉ u00e9|Wienecke-Baldacchino|Luxembourg
> Spike|hCoV-19/Denmark/DGCC-6697/2020|2020-10-12|EPI_ISL_619600|Original|hCoV-19|Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
> Spike|hCoV-19/USA/LA-EVT1389/2020|2020-12-11|EPI_ISL_779055|Original|hCoV-19|Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spike|hCoV-19|Spain|PV-IBV-004206/2020|2020-04-03|EPI_ISL_510491|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog|\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c3\u00adrea de Enfermedades Infectiosas|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
>Spike|hCoV-19|England/LIVE-A9BEA/2020|2020-03-25|EPI_ISL_517335|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium/Haldenby|United Kingdom
>Spike|hCoV-19|England/CAMB-1B488A/2020|2020-06-04|EPI_ISL_492192|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium/Davies|United Kingdom
>Spike|hCoV-19|USA/ID-UIW-3335/2020|2020-03-25|EPI_ISL_490994|Original|hCoV-19^^Idaho|Human|UW Virology Lab|UW Virology Lab/Roychoudhury|USA
>Spike|hCoV-19|Germany/NW-HHU-459/2020|2020-12-11|EPI_ISL_770693|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum GBR \u00dflu00edcBAG f\u00ef Labormединz|Center of Medical Microbiology/Wienemann|Germany
>Spike|hCoV-19|France/NAQ-NA01745/2020|2020-03-11|EPI_ISL_508910|Original|hCoV-19^^Nouvelle-Aquitaine|Human|Institut des Agents Infectieux (IAI)|CNR Virus des Infections Respiratoires - France|SUD|Jostes|France
>Spike|hCoV-19|Denmark/DCGC-14868/2020|2020-11-23|EPI_ISL_712040|Original|hCoV-19^^Midtjylland|Human|Department of Virology and Microbiological Special Diagnostics/Albersen Lab/Michaelsen|Denmark
>Spike|hCoV-19|Finland/4LS8F7/2020|2020-08-08|EPI_ISL_756011|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology/Department of Virology/Smura|Finland
>Spike|hCoV-19|USA/WI-UIW-2573/2021|2021-01-04|EPI_ISL_788915|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories/McCoy|USA
>Spike|hCoV-19|Wales/PHWC-26AE8/2020|2020-03-29|EPI_ISL_422224|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre/Public Health Wales Microbiology Cardiff/Moore|United Kingdom
>Spike|hCoV-19|Russia/OMS-ORINFI-4768V-12K/2020|2020-05-03|EPI_ISL_629033|SPEV|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections/WHO National Influenza Centre Russian Federation/Komissarov|Russia
>Spike|hCoV-19|Luxembourg/LNS7083587/2020|2020-10-29|EPI_ISL_744509|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00ede|SUD|Wienecke-Baldachino|Luxembourg
>Spike|hCoV-19|Scotland/QEUH-96FEB1/2020|2020-08-18|EPI_ISL_568425|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium/Davies|United Kingdom
>Spike|hCoV-19|England/20118171904/2020|2020-03-13|EPI_ISL_464993|Original|hCoV-19^^England|Human|Respiratory Virus Unit/Respiratory Virus Unit/Platt|United Kingdom
>Spike|hCoV-19|Germany/BE-ChVir-D718-3/2020|2020-03-07|EPI_ISL_516631|Original|hCoV-19^^Berlin|Human|Charite\u00e4|Charite\u00e4|Germany
>Spike|hCoV-19|Japan/IC-0068/2020|2020-06-00|EPI_ISL_591410|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center/Sekizuka|Japan
>Spike|hCoV-19|Switzerland/BS-OHB-42194403/2020|2020-03-17|EPI_ISL_528160|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel/Roloff Handschin|Switzerland
>Spike|hCoV-19|England/NORW-EB5EE/2020|2020-05-02|EPI_ISL_457447|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium/Alikhan|United Kingdom
>Spike|hCoV-19|USA/MT-MDHHS-SC22683/2020|2020-11-25|EPI_ISL_737297|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services/Michigan Department of Health and Human Services/Blankenship|USA
>Spike|hCoV-19|England/204291009/2020|2020-10-16|EPI_ISL_613620|Original|hCoV-19^^England|Human|Respiratory Virus Unit/Respiratory Virus Unit/Platt|United Kingdom
>Spike|hCoV-19|England/NORT-29P74B/2020|2020-04-29|EPI_ISL_490495|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust
>Spike|hCoV-19/England/ALDP-A6DA81/2020|2020-10-14|EPI_ISL_607872|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/USA/TX-HMH-MCoV-16190/2020|2020-10-29|EPI_ISL_785874|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/Norway/5883/2020|2020-11-18|EPI_ISL_759976|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/Wales/PHWC-35D56/2020|2020-04-27|EPI_ISL_474563|Original|hCoV-19^^Wales|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spke|hCoV-19/England/CAMC-D024BA/2020|2020-12-22|EPI_ISL_781865|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/Scotland/QEUH-A3153A/2020|2020-10-05|EPI_ISL_595900|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|Scotland
>Spke|hCoV-19/USA/CO-CDPHE-2003050101/2020|2020-03-05|EPI_ISL_677253|Original|hCoV-19^^Colorado|Human|Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA
>Spke|hCoV-19/USA/MD-MDH-0404/2020|2020-11-04|EPI_ISL_660103|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA
>Spke|hCoV-19/Canada/ON-PHL-20-03725/2020|2020-11-00|EPI_ISL_778850|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada
>Spke|hCoV-19/USA/TX-HMH-MCoV-14292/2020|2020-10-05|EPI_ISL_787577|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spke|hCoV-19/Australia/VIC2431/2020|2020-06-28|EPI_ISL_522140|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spke|hCoV-19/Finland/15MAY16S13/2020|2020-05-15|EPI_ISL_481565|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland
>Spke|hCoV-19/Australia/VIC8243/2020|2020-08-06|EPI_ISL_564917|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spke|hCoV-19/Australia/NSW809/2020|2020-08-07|EPI_ISL_526151|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spke|hCoV-19/England/LIVE-9A6EB/2020|2020-03-29|EPI_ISL_449362|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spke|hCoV-19/England/ALDP-9D79C2/2020|2020-09-18|EPI_ISL_576605|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spke|hCoV-19/USA/UT-UPHL-2009722/2020|2020-07-26|EPI_ISL_605394|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spke|hCoV-19/USA/TX-DSHS-1992/2020|2020-06-18|EPI_ISL_766771|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spke|hCoV-19/Japan/PG-6215/2020|2020-08-00|EPI_ISL_689327|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spke|hCoV-19/England/ALDP-A66873/2020|2020-10-12|EPI_ISL_630657|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/England/QEUH-C35BS2/2020|2020-12-11|EPI_ISL_733962|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Russia/ME-RII-MH2757S/2020|2020-09-23|EPI_ISL_602430|Original|hCoV-19^^Skopje|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

Spike|hCoV-19|Switzerland/ZH-ETHZ-410551/2020|2020-11-26|EPI_ISL_737924|Original|hCoV-19^^Zurich|Human|Violoff AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

Spike|hCoV-19|England/QEUH-AD3E7B/2020|2020-10-26|EPI ISL_629860|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|England/QEUH-BC46ED/2020|2020-11-25|EPI_ISL_703651|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19|Wales/PHWC-162B73/2020|2020-05-30|EPI ISL_473170|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19|USA/WA-UW-1779/2020|2020-03-22|EPI ISL_424260|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

Spike|hCoV-19|USA/CA-CZB-3778/2020|2020-06-04|EPI ISL_548406|Original|hCoV-19^^California|Human|Ventura County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

Spike|hCoV-19|England/QEUH-9F6031/2020|2020-09-25|EPI ISL_588829|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)|Davies|United Kingdom

Spike|hCoV-19|Norway/4037/2020|2020-09-29|EPI ISL_775467|Original|hCoV-19^^More og Romsdal|Human|Department of Medical Microbiology – section Molde|Norwegian Institute of Public Health|Vollan|Norway

Spike|hCoV-19|Australia/VIC382/2020|2020-03-23|EPI ISL_426689|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

Spike|hCoV-19|USA/TX-HMH-MCoV-15489/2020|2020-10-24|EPI ISL_786973|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19|USA/FL-BPHL-0116/2020|2020-04-07|EPI ISL_450850|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

Spike|hCoV-19|Denmark/DGCC-621/2020|2020-10-05|EPI ISL_620114|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

Spike|hCoV-19|USA/WA-S31/2020|2020-04-04|EPI ISL_434071|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

Spike|hCoV-19|Spain/AN-IBV-98001689/2020|2020-04-09|EPI ISL_538128|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiologia\u00eda y Parasitologia\u00eda cl\u00eda|UCEISP. Hospital Universitario Virgen del Roc\u00eda/IBIS/CSIC/US|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

Spike|hCoV-19|England/EXET-13A479/2020|2020-11-09|EPI ISL_664145|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

Spike|hCoV-19|Wales/PHWC-24956/2020|2020-03-19|EPI ISL_419461|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

Spike|hCoV-19|Wales/PHWC-495DE7/2020|2020-11-26|EPI ISL_726486|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19|India/TG-CCMB-AB523/2020|2020-08-14|EPI ISL_539771|Original|hCoV-19^^Telangana|Human|CCMB|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

Spike|hCoV-19|North Macedonia/2604/2020|2020-06-06|EPI ISL_677701|Original|hCoV-19^^Skopje|Human|Center for public health – Skopje|Research Center for Genetic Engineering and Biotechnology\Georgi D. Efremov\u201dDimovski|North Macedonia
>Spike|hCoV-19/USA/WI-UW-806/2020|2020-07-09|EPI_ISL_509815|Original|hCoV-19|Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spik|hCoV-19/Japan/PG-2344/2020|2020-05-00|EPI_ISL_685949|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spik|hCoV-19/England/QEUH-9DF03/2020|2020-09-14|EPI_ISL_589828|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/USA/WA-UW-9368/2020|2020-05-16|EPI_ISL_501160|Original|hCoV-19|Washington|Human|University of Washington Virology Lab|University of Washington Virology Lab|Roychoudhury|USA
>Spik|hCoV-19/England/OXON-ADD1D/2020|2020-00-00|EPI_ISL_448631|Original|hCoV-19|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spik|hCoV-19/France/OCC-SC474/2020|2020-03-17|EPI_ISL_644687|Original|hCoV-19|Occitanie|Human|CHU Montpellier|CNR Virus des Infections Respiratoires - France SUD|Bal|France
>Spik|hCoV-19/Japan/IC-0435/2020|2020-09-00|EPI_ISL_768644|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spik|hCoV-19/England/MILK-B024DA/2020|2020-10-24|EPI_ISL_642875|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/USA/UT-03822/2020|2020-04-17|EPI_ISL_470678|Original|hCoV-19|Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spik|hCoV-19/USA/TX-HM-HMC-13717/2020|2020-08-19|EPI_ISL_788811|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19/USA/HI-H200737/2020|2020-12-09|EPI_ISL_753258|Original|hCoV-19|Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA
>Spik|hCoV-19/USA/TX-HM-HMC-19035/2020|2020-11-26|EPI_ISL_785294|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19/New Zealand/20VR1940/2020|2020-04-02|EPI_ISL_579169|Original|hCoV-19|New Zealand|20VR1940|2020|2020|2020
>Spik|hCoV-19/Wales/PHWC-25F26/2020|2020-03-25|EPI_ISL_422320|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spik|hCoV-19/England/BRIS-124D59/2020|2020-03-26|EPI_ISL_443743|Original|hCoV-19|England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spik|hCoV-19/Australia/VIC6471/2020|2020-00-00|EPI_ISL_521249|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spik|hCoV-19/Denmark/DGCC-9439/2020|2020-11-09|EPI_ISL_668972|Original|hCoV-19|Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelesen|Denmark
>Spik|hCoV-19/England/ALDP-B24F95/2020|2020-11-04|EPI_ISL_646638|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/England/BRIS-12CF88/2020|2020-04-25|EPI_ISL_481833|Original|hCoV-19|England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Germany/HH-mpi-p2050/2020|2020-03-21|EPI_ISL_775669|Original|hCoV-19|Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany
>Spik|hCoV-19/USA/TX-HM-H2939/2020|2020-06-08|EPI_ISL_543875|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19/Japan/PG-3694/2020|2020-04-00|EPI_ISL_691947|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
| Country     | Region         | Organization                      | Institute                           | Location                     | Date          | Accession   |
|-------------|----------------|-----------------------------------|-------------------------------------|------------------------------|---------------|-------------|
| Australia   | Victoria       | Human Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Milton Keynes              | 2020-07-15   | EPI_ISL_519177 |
| USA         | Maryland       | Johns Hopkins Hospital Department of Pathology | Johns Hopkins Hospital, Baltimore, Maryland | Baltimore                  | 2020-03-29   | EPI_ISL_457767 |
| India       |                | Human                              | Institute of Biomedical Genomics    | Hyderabad                  | 2020-03-29   | EPI_ISL_457767 |
| Denmark     | Eastern        | Human                              | Department of Microbiology and Public Health Laboratory | Aarhus University | 2020-10-14   | EPI_ISL_729873 |
| South Korea |                | Human                              | Laboratory of Virology and Epidemiology | Seoul | 2020-04-21   | EPI_ISL_453776 |
| USA         | California     | Human                              | Lighthouse Lab in Alderley Park     | Oxford          | 2020-11-12   | EPI_ISL_730316 |
| USA         |                | Human                              | Scripps Research Institute          | La Jolla         | 2020-06-16   | EPI_ISL_555057 |
| USA         | California     | Human                              | Lighthouse Lab in Alderley Park     | San Diego        | 2020-08-01   | EPI_ISL_583228 |
| USA         |                | Human                              | UCSD Clinical Microbiology Laboratory | La Jolla         | 2020-09-03   | EPI_ISL_672466 |
| Australia   |                | Human                              | Alameda County Public Health Lab    | Loma Linda       | 2020-09-06   | EPI_ISL_592236 |
| Denmark     | Syddanmark     | Human                              | Department of Virus and Microbiological Special Diagnostics | Aarhus | 2020-11-09   | EPI_ISL_669200 |
| USA         |                | Human                              | Lighthouse Lab in Milton Keynes     | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | 2020-08-28   | EPI_ISL_572966 |
| Australia   |                | Human                              | Lighthouse Lab in Alderley Park     | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | 2020-09-10   | EPI_ISL_566886 |
| USA         |                | Human                              | Lighthouse Lab in Milton Keynes     | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | 2020-11-30   | EPI_ISL_711586 |
| India       |                | Human                              | All India Institute of Medical Sciences Rishikesh | Rishikesh | 2020-08-30   | EPI_ISL_602148 |
| USA         |                | Human                              | Lighthouse Lab in Milton Keynes     | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | 2020-10-15   | EPI_ISL_608086 |
| India       |                | Human                              | All India Institute of Medical Sciences Rishikesh | Rishikesh | 2020-05-21   | EPI_ISL_508169 |
| India       |                | Human                              | All India Institute of Medical Sciences Rishikesh | Rishikesh | 2020-11-12   | EPI_ISL_642108 |
| India       |                | Human                              | All India Institute of Medical Sciences Rishikesh | Rishikesh | 2020-11-02   | EPI_ISL_642108 |
| USA         |                | Human                              | Lighthouse Lab in Milton Keynes     | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | 2020-11-12   | EPI_ISL_642108 |
>Spike|hCoV-19/USA/FL-BPHL-1319/2020|2020-07-14|EPI_ISL_541257|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Denmark/ALAB-SS1258/2020|2020-03-10|EPI_ISL_429420|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/CWAR-24FD9D4/2020|2020-05-02|EPI_ISL_584462|Original|hCoV-19^^England|Human|UCHW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

>Spike|hCoV-19/England/ALDP-AA18F0/2020|2020-10-21|EPI_ISL_623939|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LS-RA-MILK-B38ED0/2020|2020-11-01|EPI_ISL_658860|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamal|USA

>Spike|hCoV-19/Germany/SH-ChVirus3221/2020|2020-03-23|EPI_ISL_729397|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charité\u00e9 Université\u00e4 Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Université Universiti...
>Spike|hCoV-19|England/LIVE-DCB471/2020|2020-11-26|EPI_ISL_724406|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spنك|hCoV-19|Scotland/QEUH-9P4622/2020|2020-09-27|EPI_ISL_600707|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spنك|hCoV-19|Canada/ON-E55/2020|2020-05-29|EPI_ISL_593529|Original|hCoV-19^^Ontario|Human|Eastern Ontario Regional Laboratory Association|McMaster University|McArthur|Canada
>Spنك|hCoV-19|USA/HI-H200045/2020|2020-04-03|EPI_ISL_752630|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA
>Spنك|hCoV-19|Belgium/rega-0417526/2020|2020-04-17|EPI_ISL_734617|Original|hCoV-19^^Melsbroek|Human|UZ Leuven/KU Leuven|Maes|Belgium
>Spنك|hCoV-19|England/C200028987/2020|2020-10-08|EPI_ISL_636691|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spنك|hCoV-19|Scotland/CVR2583/2020|2020-04-16|EPI_ISL_473519|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spنك|hCoV-19|Japan/PG-1291/2020|2020-03-05|EPI_ISL_684899|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spنك|hCoV-19|England/QEUH-BCB895/2020|2020-11-27|EPI_ISL_704099|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spنك|hCoV-19|USA/CA-CZB011b/2020|2020-03-25|EPI_ISL_429063|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA
>Spنك|hCoV-19|USA/WI-UW-1484/2020|2020-09-14|EPI_ISL_541614|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spنك|hCoV-19|England/QEUH-AD59A5/2020|2020-10-26|EPI_ISL_633933|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spنك|hCoV-19|Wales/PHWC-2B096/2020|2020-04-07|EPI_ISL_432300|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spنك|hCoV-19|Brazil/RJ-00325/2020|2020-04-08|EPI_ISL_623128|Original|hCoV-19^^Brazil|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil
>Spنك|hCoV-19|USA/WA-S213/2020|2020-03-20|EPI_ISL_430251|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
>Spنك|hCoV-19|Wales/PHWC-1645CE/2020|2020-04-23|EPI_ISL_474200|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spنك|hCoV-19|England/NOTT-111A85/2020|2020-05-26|EPI_ISL_461956|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spنك|hCoV-19|Denmark/DGCC-10934/2020|2020-11-02|EPI_ISL_670294|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spنك|hCoV-19|England/SHEF-10CB8AC/2020|2020-12-10|EPI_ISL_727904|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spنك|hCoV-19|England/CAMC-BC170B/2020|2020-12-21|EPI_ISL_704521|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/Wales/PHWC-3280D/2020|2020-04-14|EPI_ISL_474353|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/MILK-A1951A/2020|2020-10-02|EPI_ISL_612514|Original|hCoV-19^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Wales/PHWC-48A43B/2020|2020-11-04|EPI_ISL_652554|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Scotland/EDB050/2020|2020-03-17|EPI_ISL_425854|Original|hCoV-19^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spike|hCoV-19/England/ALDP-B1B9FD/2020|2020-11-01|EPI_ISL_645604|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-4A8868/2020|2020-06-11|EPI_ISL_559629|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Germany/SH-ChVir20776/2020|2020-11-27|EPI_ISL_729687|Original|hCoV-19^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e4 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany
>Spike|hCoV-19/England/MILK-C63AB6/2020|2020-12-13|EPI_ISL_735745|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/NORW-E7649/2020|2020-05-03|EPI_ISL_449057|Original|hCoV-19^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/England/MILK-97057C/2020|2020-08-18|EPI_ISL_553102|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Oman/20762/2020|2020-04-13|EPI_ISL_491144|Original|hCoV-19^South Batinah|Human|Oman-National Influenza Center|Biotechnology & OMICs Laboratory|Al Mahruqi|Oman
>Spike|hCoV-19/Scotland/CVR5211/2020|2020-10-13|EPI_ISL_626981|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/England/20129127704/2020|2020-03-13|EPI_ISL_424102|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/England/LOND-12506BF/2020|2020-10-21|EPI_ISL_665226|Original|hCoV-19^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom
>Spike|hCoV-19/USA/CA-QDX-2344/2020|2020-03-16|EPI_ISL_604645|Original|hCoV-19^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/USA/NY-NYCPHL-000756/2020|2020-03-19|EPI_ISL_632136|Original|hCoV-19^New York|Human|Bellevue Hospital Center|New York City Public Health Laboratory|Wang|USA
>Spike|hCoV-19/USA/HI-H200204/2020|2020-08-11|EPI_ISL_752763|Original|hCoV-19^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA
>Spike|hCoV-19/Australia/VIC13278/2020|2020-07-30|EPI_ISL_592223|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultzz|Australia
>Spike|hCoV-19/England/NOTT-1203A6/2020|2020-12-07|EPI_ISL_725609|Original|hCoV-19^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19/England/BRIS-1853EBE/2020|2020-04-27|EPI_ISL_492349|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-6868/2020|2020-06-25|EPI_ISL_546303|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Wales/PHWC-1625DF/2020|2020-06-03|EPI_ISL_473095|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spikes|hCoV-19/England/ALDP-CB405A/2020|2020-12-19|EPI_ISL_761167|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spikes|hCoV-19/England/ALDP-A86387/2020|2020-10-17|EPI_ISL_606096|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19/England/ALDP-A95A17/2020|2020-10-19|EPI_ISL_624605|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19/Turkey/HSGM-1476/2020|2020-03-19|EPI_ISL_437324|Vero P1|hCoV-19^Istanbul|Human|Ministry of Health Turkey|Ministry of Health Turkey|Bayrakdar|Turkey

>Spikes|hCoV-19/Wales/PHWC-28275/2020|2020-03-25|EPI_ISL_432069|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spikes|hCoV-19/Denmark/DCGC-18991/2020|2020-12-07|EPI_ISL_748686|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spikes|hCoV-19/USA/WA-UW-13068/2020|2020-06-30|EPI_ISL_570945|Original|hCoV-19^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spikes|hCoV-19/South Korea/KDCA0171/2020|2020-11-14|EPI_ISL_747405|Original|hCoV-19^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spikes|hCoV-19/Australia/VIC4997/2020|2020-07-14|EPI_ISL_519801|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spikes|hCoV-19/England/MILK-A06817/2020|2020-10-01|EPI_ISL_599881|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19/USA/VA-DCLS-0447/2020|2020-05-03|EPI_ISL_477661|Original|hCoV-19^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spikes|hCoV-19/France/ARA-SC373/2020|2020-05-13|EPI_ISL_645186|Original|hCoV-19^Auvergne-Rhone-Alpes|Human|CHU de Saint-Vu00c9tienne H\u00f4pital Nord|CNR Virus des Infections Respiratoires - France|SUD|Bal|France

>Spikes|hCoV-19/Denmark/DCGC-5353/2020|2020-09-14|EPI_ISL_615284|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spikes|hCoV-19/Hong Kong/VM20001061/2020|2020-01-22|EPI_ISL_408975|Original|hCoV-19^Hong Kong|Human|Queen Elizabeth Hospital|Hong Kong Department of Health|Mak|China
>Spike|hCoV-19/Australia/VIC11681/2020|2020-07-22|EPI_ISL_563458|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) | MDU-PHL | Schultz | Australia

> Spike|hCoV-19/England/QEUH-CC3E21/2020|2020-12-21|EPI_ISL_760368|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/England/LIVE-1DD7E8/2020|2020-10-01|EPI_ISL_611790|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

> Spike|hCoV-19/England/CWAR-24FD88C/2020|2020-04-16|EPI_ISL_584443|Original|hCoV-19^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

> Spike|hCoV-19/USA/WA-S819/2020|2020-04-15|EPI_ISL_449989|Original|hCoV-19^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

> Spike|hCoV-19/Wales/PHWC-492676/2020|2020-11-20|EPI_ISL_725680|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/USA/MI-MDHHS-SC22314/2020|2020-11-10|EPI_ISL_708290|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

> Spike|hCoV-19/USA/CO-CDPHE-2009170327/2020|2020-09-16|EPI_ISL_710343|Original|hCoV-19^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

> Spike|hCoV-19/Japan/IC-0524/2020|2020-12-08|EPI_ISL_779207|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

> Spike|hCoV-19/Denmark/DCGC-10492/2020|2020-11-02|EPI_ISL_670013|Original|hCoV-19^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

> Spike|hCoV-19/Australia/VIC8990/2020|2020-07-27|EPI_ISL_565340|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) | MDU-PHL | Schultz | Australia

> Spike|hCoV-19/Portugal/PT0973/2020|2020-03-27|EPI_ISL_511522|Original|hCoV-19^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA) | Borges | Portugal

> Spike|hCoV-19/England/NORW-F7655/2020|2020-12-04|EPI_ISL_725383|Original|hCoV-19^England|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

> Spike|hCoV-19/England/ALDP-95ABEF/2020|2020-06-13|EPI_ISL_555573|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/England/QEUH-A8C406/2020|2020-10-18|EPI_ISL_643195|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/USA/UT-03306/2020|2020-05-09|EPI_ISL_493021|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

> Spike|hCoV-19/Russia/StPetersburg-RII7340V/2020|2020-04-20|EPI_ISL_450251|Vero PI|hCoV-19^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

> Spike|hCoV-19/Netherlands/OV-RIVM-21005/2020|2020-12-25|EPI_ISL_791022|Original|hCoV-19^Overijssel|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM) | Meijer | Netherlands

> Spike|hCoV-19/England/QEUH-B6A4FE/2020|2020-11-11|EPI_ISL_662353|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/England/QEUH-961550/2020|2020-07-31|EPI_ISL_537040|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Denmark|DCGC-7239/2020|2020-10-12|EPI_ISL_619220|Original|hCoV-19
Midtjylland|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
Spike|hCoV-19|England|204501205/2020|2020-11-02|EPI_ISL_660790|Original|hCoV-19
England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
Spike|hCoV-19|USA|NV-QDX-2662/2020|2020-03-15|EPI_ISL_604954|Original|hCoV-19
England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
Spike|hCoV-19|England|LILM-C2FC65/2020|2020-12-07|EPI_ISL_733914|Original|hCoV-19
England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|England|QEUVH-977FC6/2020|2020-09-08|EPI_ISL_590534|Original|hCoV-19
England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England|205260859/2020|2020-12-18|EPI_ISL_754385|Original|hCoV-19
England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
Spike|hCoV-19|USA|NY-PV09305/2020|2020-03-22|EPI_ISL_422559|Original|hCoV-19
New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA
Spike|hCoV-19|USA|NM-UNM-00143/2020|2020-04-03|EPI_ISL_467654|Original|hCoV-19
New Mexico|Human|New Mexico Department of Health Scientific Laboratory Division|Center for Global Health|Domman|USA
Spike|hCoV-19|England|QEUVH-9FA352/2020|2020-09-28|EPI_ISL_588202|Original|hCoV-19
England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England|QEUVH-9632FD/2020|2020-08-10|EPI_ISL_531772|Original|hCoV-19
England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Belgium|rega-1214137/2020|2020-12-14|EPI_ISL_738489|Original|hCoV-19
Merkxplas|Human|UZ Leuven|KU Leuven|Maes|Belgium
Spike|hCoV-19|Wales|PHWC-33981/2020|2020-04-20|EPI_ISL_446772|Original|hCoV-19
Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
Spike|hCoV-19|USA|MI-UM-10033876035/2020|2020-04-07|EPI_ISL_578149|Original|hCoV-19
Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
Spike|hCoV-19|Wales|PHWC-246B9/2020|2020-03-17|EPI_ISL_419440|Original|hCoV-19
Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
Spike|hCoV-19|South Korea|KCDC2318/2020|2020-05-26|EPI_ISL_510654|Original|hCoV-19
South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea
Spike|hCoV-19|England|CAMC-B34976/2020|2020-11-05|EPI_ISL_659636|Original|hCoV-19
England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|Australia|VIC3517/2020|2020-07-08|EPI_ISL_520269|Original|hCoV-19
Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Jordan/AQ-ALSR-5249/2020|2020-10-06|EPI_ISL_730487|Original|hCoV-19|^Agaba|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan
>Spicke|hCoV-19/USA/TX-DSHS-0549/2020|2020-05-14|EPI_ISL_574453|Original|hCoV-19|^England|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spicke|hCoV-19/USA/CA-SR0404/2020|2020-04-07|EPI_ISL_458275|Original|hCoV-19|^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spicke|hCoV-19/Australia/VIC3567/2020|2020-07-08|EPI_ISL_520316|Original|hCoV-19|^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spicke|hCoV-19/USA/UT-QDX-2247/2020|2020-03-12|EPI_ISL_604597|Original|hCoV-19|^England|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spicke|hCoV-19/England/20169002704/2020|2020-04-16|EPI_ISL_465171|Original|hCoV-19|^England|Human|Respiratory Virus Unit/Respiratory Virus Unit|Platt|United Kingdom
>Spicke|hCoV-19/England MILK-9AA272/2020|2020-09-01|EPI_ISL_550937|Original|hCoV-19|^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spicke|hCoV-19/Australia/VIC377/2020|2020-03-22|EPI_ISL_426684|Original|hCoV-19|^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spicke|hCoV-19/Belgium/rega-0622708/2020|2020-06-22|EPI_ISL_734776|Original|hCoV-19|^Belgium|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Spicke|hCoV-19/England/QEUH-B2D758/2020|2020-11-03|EPI_ISL_646869|Original|hCoV-19|^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spicke|hCoV-19/Sweden/20-07012/2020|2020-04-06|EPI_ISL_475538|Original|hCoV-19|^Vastra Gotaland|Human|Omtanken Grimmered|The Public Health Agency of Sweden|Svartstr|Sweden
>Spicke|hCoV-19/USA/CA-CZB-1771/2020|2020-03-14|EPI_ISL_476788|Original|hCoV-19|^California|Human|Stanford clinical virology lab|Chan-Zuckerberg Biohub|Kamm|USA
>Spicke|hCoV-19/France/PAC-IHU-0553/2020|2020-04-08|EPI ISL 569590|Original|hCoV-19|^Provence-Alpes-C^00f4te-du-Au2019-Azur|Human|MEPHI|MEPHI|Levasseur|France
>Spicke|hCoV-19/England/CAMC-A3P411/2020|2020-10-05|EPI ISL 609645|Original|hCoV-19|^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spicke|hCoV-19/Wales/PHWC-49B2E2/2020|2020-11-09|EPI ISL 742318|Original|hCoV-19|^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom
>Spicke|hCoV-19/England/LIVE-A841D/2020|2020-03-26|EPI ISL 517161|Original|hCoV-19|^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) consortium|Haldenby|United Kingdom
>Spicke|hCoV-19/USA/TX-HMH-MCOV-16209/2020|2020-10-27|EPI ISL 785893|Original|hCoV-19|^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spicke|hCoV-19/England/BRIS-13259C/2020|2020-06-10|EPI ISL 511976|Original|hCoV-19|^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spicke|hCoV-19/England/20168005504/2020|2020-04-16|EPI ISL 466599|Original|hCoV-19|^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spicke|hCoV-19/India/DL-NCDC-3181/2020|2020-04-05|EPI ISL 436428|Original|hCoV-19|^Delhi|Human|National Centre for disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India
>Spicke|hCoV-19/USA/FL-BPHL-1662/2020|2020-07-05|EPI ISL 594351|Original|hCoV-19|^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spicke|hCoV-19/England/QEUH-B65DCB/2020|2020-11-10|EPI ISL 655122|Original|hCoV-19|^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spike|hCoV-19/England/MILK-B05DFA/2020|2020-10-23|EPI_ISL_642831|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Netherlands/NA_113/2020|2020-03-10|EPI_ISL_422661|Original|hCoV-19|Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/Netherlands/ZH-RIVM-20962/2020|2020-12-30|EPI_ISL_790986|Original|hCoV-19|Zuid-holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spike|hCoV-19/Hong Kong/HKPU-1366/2020|2020-07-09|EPI_ISL_610186|Original|hCoV-19|Hong Kong|Human|Department of Health Technology and Informatics|Department of Health Technology and Informatics|Leung|China
>Spike|hCoV-19/Netherlands/NOV-EMC-73/2020|2020-06-20|EPI_ISL_523457|Original|hCoV-19|Overijsselse|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/Denmark/DCGC-16688/2020|2020-11-09|EPI_ISL_714917|Original|hCoV-19|Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/ALDP-A6D104/2020|2020-10-14|EPI_ISL_608055|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/France/PAC-MEPHI-2180/2020|2020-09-26|EPI_ISL_644523|Original|hCoV-19|Provence-Alpes-Cote-d'Azur|Human|MEPHI|MEPHI|Levasseur|France
>Spike|hCoV-19/USA/CA-ALSR-5025/2020|2020-12-05|EPI_ISL_730296|Original|hCoV-19|California|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/Australia/VIC2214/2020|2020-06-14|EPI_ISL_521954|Original|hCoV-19|Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/NOTT-19C2D/2020|2020-11-03|EPI_ISL_679928|Original|hCoV-19|England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19/England/204380929/2020|2020-10-16|EPI_ISL_609903|Original|hCoV-19|England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/Scotland/CVR18/2020|2020-03-12|EPI_ISL_425720|Original|hCoV-19|Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/England/MILK-957872/2020|2020-06-09|EPI_ISL_553893|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-7816/2020|2020-10-19|EPI_ISL_618741|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/SC-20-1588-T07/2020|2020-07-07|EPI_ISL_516771|Original|hCoV-19|South Carolina|Human|van Bakel Laboratory|van Bakel Laboratory|van Bakel|USA
>Spike|hCoV-19/Wales/PHWC-24BE7/2020|2020-03-20|EPI_ISL_419498|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/Scotland/EDB726/2020|2020-04-02|EPI_ISL_433229|Original|hCoV-19|Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spike|hCoV-19/England/ALDP-CEBFC6/2020|2020-12-21|EPI_ISL_781424|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-5BBB4A/2020|2020-06-17|EPI_ISL_558653|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-B7F5D5/2020|2020-11-14|EPI ISL_668381|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-AD3BDE/2020|2020-10-23|EPI ISL_634203|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-AF5A7F/2020|2020-10-30|EPI ISL_663113|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/PG-8501/2020|2020-08-00|EPI ISL_687600|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/USA/WA-UW-10394/2020|2020-06-05|EPI ISL_570300|Original|hCoV-19^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/Scotland/CVR2087/2020|2020-04-10|EPI ISL_493765|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/England/CAMB-1B1577/2020|2020-05-06|EPI ISL_458537|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC12687/2020|2020-07-29|EPI ISL_641238|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/ALDP-647CE5/2020|2020-07-04|EPI ISL_558158|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/PG-0460/2020|2020-03-30|EPI ISL_480121|Original|hCoV-19^HokurikuShinsyu|Human|Fukui Prefectural Institute of Public Health and Environmental Science|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/NORT-1B71D6F/2020|2020-11-20|EPI ISL_702747|Original|hCoV-19^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / Northumberland Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/England/205140894/2020|2020-12-06|EPI ISL_766069|Original|hCoV-19^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spike|hCoV-19/England/NOTT-10FF9A/2020|2020-04-10|EPI ISL_441458|Original|hCoV-19^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19/England/NORT-2A4770/2020|2020-09-10|EPI ISL_572409|Original|hCoV-19^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / Northumberland Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/England/SHEF-D30D9/2020|2020-09-24|EPI ISL_573755|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/USA/IL-UW-MAY05/2020|2020-03-20|EPI ISL_501077|Original|hCoV-19^Illinois|Human|Mayo Clinic Laboratories|University of Washington Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/Denmark/DGC3-20455/2020|2020-12-21|EPI ISL_759161|Original|hCoV-19^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark
>Spike|hCoV-19/Scotland/CAMC-9907BC/2020|2020-08-26|EPI ISL_568436|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/PG-2313/2020|2020-04-00|EPI ISL_685918|Original|hCoV-19^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Denmark/DCGC-13098/2020|2020-11-30|EPI_ISL_712248|Original|hCoV-19
^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spke|hCoV-19/South Korea/KCDC2660/2020|2020-05-16|EPI_ISL_522443|Original|hCoV-19
^South Korea|Human|Center for Laboratory Control of Infectious Diseases|Center for Laboratory Control of Infectious Diseases|Kim|South Korea
>Spke|hCoV-19/England/QEUH-B9F0CF/2020|2020-11-18|EPI_ISL_719930|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19/England/ALDP-9545AB/2020|2020-06-16|EPI_ISL_581409|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/USA/AZ-TG402010/2020|2020-06-23|EPI_ISL_694855|Original|hCoV-19
^Arizona|Human|TGen North|TGen North|French|USA
>Spke|hCoV-19/England/MILK-B02CD2/2020|2020-10-24|EPI_ISL_642899|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19/USA/FL-AD68/2020|2020-06-26|EPI_ISL_513271|Original|hCoV-19
^Florida|Human|University of Miami Immunology and Histocompatibility Laboratory|University of Miami Immunology and Histocompatibility Laboratory|Margolles-Clark|USA
>Spke|hCoV-19/England/MILK-A6A750/2020|2020-10-08|EPI_ISL_627004|Original|hCoV-19
^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spke|hCoV-19/Japan/PG-7476/2020|2020-07-00|EPI_ISL_688578|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spke|hCoV-19/Scotland/QEUH-98FCB1/2020|2020-08-27|EPI_ISL_568328|Original|hCoV-19
^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/USA/WI-UK-1191/2020|2020-08-07|EPI_ISL_527801|Original|hCoV-19
^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spke|hCoV-19/Tunisia/ADAGE-18245/2020|2020-10-16|EPI_ISL_710541|Original|hCoV-19
^Monastir|Human|H^u00f4|Pital Fatouma-Bourguiba de Monastir|Laboratoire des Proc^u00e9e9s de Criblage Mol^u00e9culaire et Cellulaire-Centre de Biotechnologie de Sfax|Abid|Tunisia
>Spke|hCoV-19/Belgium/ULG-10308/2020|2020-07-24|EPI_ISL_540475|Original|hCoV-19
^Li|u00e9ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
>Spke|hCoV-19/USA/OR-PROV-185/2020|2020-05-14|EPI_ISL_482433|Original|hCoV-19
^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA
>Spke|hCoV-19/England/ALDP-BBB1AC/2020|2020-11-20|EPI_ISL_701751|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19/USA/CA-CZB-12383/2020|2020-10-05|EPI_ISL_648505|Original|hCoV-19
^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA
>Spke|hCoV-19/England/CAMC-B0987D/2020|2020-10-30|EPI_ISL_673119|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19/Australia/VIC4279/2020|2020-07-13|EPI_ISL_519607|Original|hCoV-19
^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/France/ARA-116701/2020|2020-12-07|EPI_ISL_745369|Original|hCoV-19^^Auvergne-Rhône-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France
>Spike|hCoV-19/Northern Ireland/NIRE-103A68/2020|2020-04-16|EPI_ISL_489275|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/CA-ALSR-3060/2020|2020-07-30|EPI_ISL_635822|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/Wales/PHWC-2955D/2020|2020-04-02|EPI_ISL_445530|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/USA/FL-BPHL-0571/2020|2020-03-14|EPI_ISL_508775|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/Canada/BC-BCCDC-8425/2020|2020-11-06|EPI_ISL_740792|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada
>Spike|hCoV-19/England/CAMC-B3477C/2020|2020-11-05|EPI_ISL_659477|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Shanghai/SH0025/2020|2020-02-06|EPI_ISL_416334|Original|hCoV-19^^Shanghai|Human|Shanghai Public Health Clinical Center|National Research Center for Translational Medicine (Shanghai)|Zhang|China
>Spike|hCoV-19/England/QUEH-B30B74/2020|2020-11-03|EPI_ISL_659898|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-B75F95/2020|2020-11-12|EPI_ISL_723718|Original|hCoV-19^^England|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/England/LOND-124F5A7/2020|2020-04-06|EPI_ISL_664493|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom
>Spike|hCoV-19/Luxembourg/LN5456584/2020|2020-11-20|EPI_ISL_740472|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de santé|Laboratoire national de santé|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/USA/WA-UW-1588/2020|2020-03-19|EPI_ISL_423012|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/Wales/PHWC-2C2AE/2020|2020-04-04|EPI_ISL_474302|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/LA-EVTL968/2020|2020-08-17|EPI_ISL_653659|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spike|hCoV-19/Australia/VIC10004/2020|2020-08-25|EPI_ISL_562761|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/TX-HMH-4070/2020|2020-06-18|EPI_ISL_543342|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/CAMC-9458C2/2020|2020-07-15|EPI_ISL_556814|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/ALAB-SS1-896/2020|2020-03-30|EPI_ISL_444963|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab at Kirkegaard|Denmark
>Spik e|hCoV-19/United Arab Emirates/L116596767/2020|2020-04-18|EPI_ISL_520665|Original|hCoV-19^^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramawat |United Arab Emirates >Spik e|hCoV-19/England/BRIS-1295B6/2020|2020-04-20|EPI_ISL_458809|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies |United Kingdom >Spik e|hCoV-19/South Africa/KRISP-K005331/2020|2020-11-15|EPI_ISL_678619|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa >Spik e|hCoV-19/England/CAMC-B515CA/2020|2020-11-08|EPI_ISL_658166|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies |United Kingdom >Spik e|hCoV-19/Denmark/DGCC-8395/2020|2020-10-26|EPI_ISL_616913|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark >Spik e|hCoV-19/Singapore/1169/2020|2020-04-09|EPI_ISL_648097|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen |Singapore >Spik e|hCoV-19/England/QEUH-9CA573/2020|2020-09-10|EPI_ISL_567484|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies |United Kingdom >Spik e|hCoV-19/England/MILK-B96268/2020|2020-11-13|EPI_ISL_674925|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies |United Kingdom >Spik e|hCoV-19/Scotland/EBDB3914/2020|2020-11-10|EPI_ISL_608632|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom >Spik e|hCoV-19/England/OXON-F40D77/2020|2020-12-15|EPI_ISL_764551|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golumbchik|United Kingdom >Spik e|hCoV-19/Spain/AN-ISCIII-201272/2020|2020-02-28|EPI_ISL_418243|Original|hCoV-19^^Andalucia|Human|HOSPITAL UNIVERSITARIO VIRGEN DE LAS NIEVES|Instituto de Salud Carlos III|Caballero|Spain >Spik e|hCoV-19/Bulgaria/41/2020|2020-03-10|EPI_ISL_480310|Original|hCoV-19^^Sofia|Human|National Reference Laboratory |Influenza and acute respiratory diseases\NRL-HIV|Ivanov|Bulgaria >Spik e|hCoV-19/England/QEUH-9FA71A/2020|2020-09-29|EPI_ISL_588258|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies |United Kingdom >Spik e|hCoV-19/USA/AZ-TG305783/2020|2020-04-27|EPI_ISL_694275|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGennorth|French|USA >Spik e|hCoV-19/Japan/PF-4094/2020|2020-07-00|EPI_ISL_692335|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan >Spik e|hCoV-19/Guangdong/20SF684/2020|2020-01-27|EPI_ISL_428470|Original|hCoV-19^^Guangdong|Human|Guangdong Provincial Center for Diseases Control and Prevention;Guangdong Provincial Institute of Public Health|School of Public Health|Gu |China >Spik e|hCoV-19/England/ALDP-BB9A1C/2020|2020-11-20|EPI_ISL_703072|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies |United Kingdom
>Spike|hCoV-19/Scotland/CVR3672/2020|2020-05-20|EPI_ISL_473753|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Sp[ike|hCoV-19/Australia/VIC5119/2020|2020-07-18|EPI_ISL_519922|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Sp[ike|hCoV-19/England/ALDP-A2EF7E/2020|2020-10-05|EPI_ISL_587066|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Sp[ike|hCoV-19/USA/TX-HMH-MCoV-9723/2020|2020-07-07|EPI_ISL_780242|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Sp[ike|hCoV-19/Spain/MD-IBV-99008637/2020|2020-09-29|EPI_ISL_654208|Original|hCoV-19^Madrid|Hospital General Universitario Gregorio Marañón|SeqCOVID-SPAIN consortium|IvanOlvera|Spain

>Sp[ike|hCoV-19/England/ALDP-2E55F/2020|2020-07-04|EPI_ISL_541153|Original|hCoV-19^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Sp[ike|hCoV-19/USA/MA-MGH-00637/2020|2020-04-03|EPI_ISL_460412|Original|hCoV-19^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Sp[ike|hCoV-19/USA/NY-Wadsworth-65665-01/2020|2020-04-23|EPI_ISL_676874|Original|hCoV-19^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Sp[ike|hCoV-19/England/CAMC-9EC845/2020|2020-09-23|EPI_ISL_594622|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Sp[ike|hCoV-19/England/ALDP-B73AB4/2020|2020-11-12|EPI_ISL_664869|Original|hCoV-19^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alkhan|United Kingdom

>Sp[ike|hCoV-19/Netherlands/Delft_1363424/2020|2020-02-28|EPI_ISL_413569|Original|hCoV-19^Delft|Human|RIVM|Erasmus Medical Center|Oude Munnink|Netherlands

>Sp[ike|hCoV-19/England/CAMB-7DE22/2020|2020-04-07|EPI_ISL_442161|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Sp[ike|hCoV-19/USA/TX-HMH-MCoV-18511/2020|2020-11-18|EPI_ISL_784859|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Sp[ike|hCoV-19/Switzerland/BL-ETHZ-260165/2020|2020-08-27|EPI_ISL_539457|Original|hCoV-19^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Sp[ike|hCoV-19/England/SHEF-CB07A/2020|2020-10-15|EPI_ISL_612055|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Sp[ike|hCoV-19/Denmark/DCCG-16710/2020|2020-10-19|EPI_ISL_714928|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelson|Denmark

>Sp[ike|hCoV-19/England/LIVE-1D27B6/2020|2020-08-22|EPI_ISL_534738|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Sp[ike|hCoV-19/Denmark/ALAB-HH-254/2020|2020-04-26|EPI_ISL_452090|Original|hCoV-19^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Sp[ike|hCoV-19/England/201390494/2020|2020-03-23|EPI_ISL_465850|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Sp[ike|hCoV-19/England/CAMB-1AB40A/2020|2020-04-21|EPI_ISL_470306|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Sp[ike|hCoV-19/England/ALDP-B63ABA/2020|2020-11-09|EPI_ISL_656501|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Diagnostics|Albertsen Lab|Michaelsen|Denmark

19^^Hovedstaden|Human|Department of Virus and Microbiological Special

Spike|hCoV-19 Genomics UK (COG

19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID

19 Genomics UK (COG

19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID

19 Genomics UK (COG

19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID

19 Genomics UK (COG

19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID

19 Genomics UK (COG

19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID

19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID

19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID

19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczunas|USA

19^^South Carolina|Human|Microbiology Division|Microbiology Division|Flores, H.|USA

19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID

19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

19^^Australia/NSW1306/2020|2020-05-01|EPI_ISL_519903|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID

19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

19^^Australia/NY-NYCPH-000970/2020|2020-05-21|EPI_ISL_522343|Original|hCoV-19^^Virginia|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

19^^New York|Human|DOHMH Jamaica|New York City Public Health Laboratory|Wang|USA

19^^Denmark/DGCC-2700/2020|2020-08-17|EPI_ISL_616433|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special

Diagnostics|Albertsen Lab|Michaelsen|Denmark

19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

19^^England/MILK-BB1C2D/2020|2020-11-18|EPI_ISL_720099|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID

19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID

19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczunas|USA

19^^Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczunas|USA

19^^South Carolina|Human|Microbiology Division|Microbiology Division|Flores, H.|USA

19^^England/Quebec-C75EC/2020|2020-12-22|EPI_ISL_760339|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID

19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

19^^Australia/NSW1306/2020|2020-12-18|EPI_ISL_767872|Original|hCoV-19^^South Wales|Human|Histopathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID

19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID

19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/LOND-D38E0/2020|2020-04-03|EPI_ISL_441005|Original|hCoV-19^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spikes|hCoV-19/USA/MN-MDH-1349/2020|2020-04-20|EPI_ISL_507938|Original|hCoV-19^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA
>Spikes|hCoV-19/USA/MN-MDH-1183/2020|2020-05-20|EPI_ISL_477273|Original|hCoV-19^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA
>Spikes|hCoV-19/England/CAMC-B1FC4B/2020|2020-11-01|EPI_ISL_647478|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spikes|hCoV-19/Denmark/DGCC-22295/2020|2020-12-14|EPI_ISL_758660|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spikes|hCoV-19/Japan/PG-4377/2020|2020-06-06|EPI_ISL_692604|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spikes|hCoV-19/USA/ TX-HMH-5375/2020|2020-06-29|EPI_ISL_544727|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Long|USA
>Spikes|hCoV-19/England/QUEH-543BDE/2020|2020-05-15|EPI_ISL_533348|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/England/ALDP-954E91/2020|2020-06-12|EPI_ISL_553477|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/Japan/PG-3129/2020|2020-04-00|EPI_ISL_691251|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spikes|hCoV-19/Denmark/ALAB-SSI-854/2020|2020-03-29|EPI_ISL_444942|Original|hCoV-19^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark
>Spikes|hCoV-19/England/ALDP-A9632A/2020|2020-10-20|EPI_ISL_624712|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/Australia/NSW1301/2020|2020-11-06|EPI_ISL_768767|Original|hCoV-19^New South Wales|Human|Sydney South West Pathology Service (SSWPS) |Royal Prince Alfred Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spikes|hCoV-19/Wales/MILK-9EE62B/2020|2020-09-23|EPI_ISL_589768|Original|hCoV-19^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/Denmark/DGCC-1074/2020|2020-05-11|EPI_ISL_614499|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spikes|hCoV-19/USA/NY-NYCPHL-000472/2020|2020-05-01|EPI_ISL_631941|Original|hCoV-19^New York|Human|St Barnabas Hospital|New York City Public Health Laboratory|Wang|USA
>Spikes|hCoV-19/England/2013082104/2020|2020-03-26|EPI_ISL_421835|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spikes|hCoV-19/Australia/VIC17848/2020|2020-07-27|EPI_ISL_779499|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Beck|Australia
>Spikes|hCoV-19/USA/TX-HMH-5494/2020|2020-06-24|EPI_ISL_544817|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spikes|hCoV-19/England/LIVE-1D2640/2020|2020-08-24|EPI_ISL_534733|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spikes|hCoV-19/Australia/VIC11590/2020|2020-09-01|EPI_ISL_563423|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Wales/ALDP-A87632/2020|2020-10-17|EPI_ISL_606116|Original|hCoV-19
Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik...|2020-01-08|EPI_ISL_521022|Original|hCoV-19
>Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spik...|2020-05-26|EPI_ISL_478387|Original|hCoV-19
>Scotland|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spik...|2020-03-29|EPI_ISL_420214|Original|hCoV-19
England|Human|Virology Department|Department of Infection|de Silva|United Kingdom
>Spik...|2020-12-01|EPI_ISL_777056|Original|hCoV-19
England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik...|2020-10-18|EPI_ISL_740479|Original|hCoV-19
Luxembourg|Human|Laboratoire national de santé|Laboratoire national de santé|U00e9|Luxembourg
>Spik...|2020-02-27|EPI_ISL_462305|Original|hCoV-19
Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
>Spik...|2020-12-12|EPI_ISL_764612|Original|hCoV-19
Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik...|2020-10-03|EPI_ISL_585491|Original|hCoV-19
Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
>Spik...|2020-11-27|EPI_ISL_727207|Original|hCoV-19
Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik...|2020-09-21|EPI_ISL_620826|Original|hCoV-19
Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spik...|2020-12-12|EPI_ISL_764612|Original|hCoV-19
Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik...|2020-10-03|EPI_ISL_585491|Original|hCoV-19
Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
>Spik...|2020-04-14|EPI_ISL_465244|Original|hCoV-19
England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spik...|2020-12-14|EPI_ISL_751031|Original|hCoV-19
Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelersen|Denmark
>Spik...|2020-10-20|EPI_ISL_624837|Original|hCoV-19
England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik...|2020-04-14|EPI_ISL_465244|Original|hCoV-19
England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spik...|2020-12-14|EPI_ISL_751031|Original|hCoV-19
Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelersen|Denmark
>Spik...|2020-11-24|EPI_ISL_785111|Original|hCoV-19
Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik...|2020-07-22|EPI_ISL_518139|Original|hCoV-19
Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spik...|2020-07-02|EPI_ISL_780905|Original|hCoV-19
Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik...|2020-08-16|EPI_ISL_534675|Original|hCoV-19
Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre/MRC-
Spike|hCoV-19|England|ALDP-C49BE0|2020|2012-12|EPI_ISL_718923|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19|England|BCCSIR-NILMR-067|2020|2012-10-16|EPI_ISL_466637|Original|hCoV-19|England|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

Spike|hCoV-19|England|SHEF-D1EC2|2020|2012-09-26|EPI_ISL_573752|Original|hCoV-19|England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

Spike|hCoV-19|England|QEUH-A1F550|2020|2012-10-01|EPI_ISL_599123|Original|hCoV-19|Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|England|CAMC-BOAE98|2020|2012-10-29|EPI_ISL_643536|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|USA|NY-NUYMS95|2020|2012-04-02|EPI_ISL_444712|Original|hCoV-19|New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

Spike|hCoV-19|USA|MILK-ABBE3D|2020|2012-10-22|EPI_ISL_631214|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|USA|NYLIVE-9F2D3|2020|2012-05-02|EPI_ISL_453442|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

Spike|hCoV-19|USA|TX-HMH-MCoV|2020|2012-07-10|EPI_ISL_785561|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19|Scotland|QEUH-A1E08D|2020|2012-10-01|EPI_ISL_598875|Original|hCoV-19|Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|England|CAMC-991566|2020|2012-08-28|EPI_ISL_552091|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|England|ALDP-AA46B7|2020|2012-10-21|EPI_ISL_624348|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Wales|PHWC-267C3|2020|2012-03-28|EPI_ISL_422230|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

Spike|hCoV-19|Malaysia|IMR-WC259750|2020|2011-11-07|EPI_ISL_728211|Original|hCoV-19|Malaysia|Human|Institute for Medical Research|Institute for Medical Research|Suppiah|Malaysia

Spike|hCoV-19|England|ALDP-9B5845|2020|2012-08-28|EPI_ISL_590405|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|England|ALDP-CB4AD4|2020|2012-12-18|EPI_ISL_761192|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/USA-TX-HMH-3065/2020|2020-06-10|EPI_ISL_543970|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19/India/MAH-ACTREC-206/2020|2020-06-26|EPI_ISL_699860|Original|hCoV-19^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
> Spike|hCoV-19/England/ALDP-A93F47/2020|2020-10-19|EPI_ISL_611128|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Wales/PHWC-48CE59/2020|2020-11-02|EPI_ISL_666547|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Scotland/CVR5844/2020|2020-11-16|EPI_ISL_666042|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) consortium|Robertson|United Kingdom
> Spike|hCoV-19/England/OXON-Ad67C/2020|2020-00-00|EPI_ISL_484878|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) consortium|Golubchik|United Kingdom
> Spike|hCoV-19/Netherlands/B-EMC-1065/2020|2020-12-07|EPI_ISL_722299|Original|hCoV-19^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
> Spike|hCoV-19/Indonesia/MIHMMDC-20210306/2020|2020-03-30|EPI_ISL_529964|Vero P1|hCoV-19^East Java|Human|RSUD Bangil Pasuruan|Institute of Tropical Disease|Lusida|Indonesia
> Spike|hCoV-19/Scotland/CVR3025/2020|2020-04-24|EPI_ISL_439015|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) consortium|Robertson|United Kingdom
> Spike|hCoV-19/England/CMC-B07A2E/2020|2020-10-29|EPI_ISL_643790|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/CMC-B341F6/2020|2020-11-05|EPI_ISL_659712|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/ALDP-C3BD90/2020|2020-12-10|EPI_ISL_731665|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike| hCoV-19| South Africa/ KRISP-0272/ 2020| 2020-06-17| EPI _ISL_ 482859| Original| hCoV-19^ ^KwaZulu-Natal| Human| Molecular Diagnostics Services (MDS)| KRISP| de Oliveira| South Africa
> Spike| hCoV-19| Brazil/ RJ-1927/ 2020| 2020-04-12| EPI _ISL_ 456093| Original| hCoV-19^ ^Rio de Janeiro| Human| Laboratory of Respiratory Viruses and Measles| Laboratory of Respiratory Viruses and Measles| Silva| Brazil
> Spike| hCoV-19| Indonesia/ JT- UGM- 47906/ 2020| 2020-09-01| EPI _ISL_ 576383| Original| hCoV-19^ ^Central Java| Human| RSUD Budi Rahayu Kota Magelang| Genetics Working Group (Pokja Genetik) Faculty of Medicine| Gunadi| Indonesia
> Spike| hCoV-19| England/ ALDP- B623F9/ 2020| 2020-11-09| EPI _ISL_ 656513| Original| hCoV-19^ ^England| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute| Davies| United Kingdom
> Spike| hCoV-19| USA/ CA- LACPHL- AB00002/ 2020| 2020-09-30| EPI _ISL_ 707694| Original| hCoV-19^ ^California| Human| Los Angeles County Public Health Laboratory| Los Angeles County Public Health Laboratory| Platt| United Kingdom
> Spike| hCoV-19| USA/ OR- OHSU- 1099/ 2020| 2020-06-25| EPI _ISL_ 525968| Original| hCoV-19^ ^Oregon| Human| OHSL Lab Services Molecular Microbiology Lab| Oregon SARS-CoV-2 Genome Sequencing Center| O’Roak| USA
> Spike| hCoV-19| England/ NORT- 286A7B/ 2020| 2020-10-14| EPI _ISL_ 637795| Original| hCoV-19^ ^England| Human| Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust| COVID-19 Genomics UK (COG-UK) Consortium| Bashton| United Kingdom
> Spike| hCoV-19| Guangdong/ 20SF4047/ 2020| 2020-02-17| EPI _ISL_ 428462| Original| hCoV-19^ ^Guangdong| Human| Guangdong Provincial Center for Diseases Control and Prevention| Guangdong Provincial Institute of Public Health| School of Public Health| Gu| China
> Spike| hCoV-19| USA/ CA- CZB- 13541/ 2020| 2020-06-11| EPI _ISL_ 672498| Original| hCoV-19^ ^California| Human| UCSF Clinical Microbiology Laboratory| Chan- Zuckerberg Biohub| Bhatt| USA
> Spike| hCoV-19| Denmark/ DCGC- 2679/ 2020| 2020-08-17| EPI _ISL_ 617900| Original| hCoV-19^ ^Hovedstaden| Human| Department of Virus and Microbiological Special Diagnostics| Albertsen Lab| Michaelensen| Denmark
> Spike| hCoV-19| England/ 201061453/ 2020| 2020-02-27| EPI _ISL_ 464411| Original| hCoV-19^ ^England| Human| Respiratory Virus Unit| Respiratory Virus Unit| Platt| United Kingdom
> Spike| hCoV-19| Denmark/ DCGC- 15737/ 2020| 2020-11-23| EPI _ISL_ 713191| Original| hCoV-19^ ^Nordjylland| Human| Department of Virus and Microbiological Special Diagnostics| Albertsen Lab| Michaelensen| Denmark
> Spike| hCoV-19| England/ CAMC- AEA7EF/ 2020| 2020-10-25| EPI _ISL_ 633281| Original| hCoV-19^ ^England| Human| Lighthouse Lab in Cambridge| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom
> Spike| hCoV-19| England/ OEUH- 969E99/ 2020| 2020-08-11| EPI _ISL_ 530834| Original| hCoV-19^ ^England| Human| Lighthouse Lab in Glasgow| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom
> Spike| hCoV-19| Denmark/ DCGC- 10187/ 2020| 2020-11-09| EPI _ISL_ 668848| Original| hCoV-19^ ^Hovedstaden| Human| Department of Virus and Microbiological Special Diagnostics| Albertsen Lab| Michaelensen| Denmark
> Spike| hCoV-19| Wales/ PHWC- 2A1D0/ 2020| 2020-04-03| EPI _ISL_ 445537| Original| hCoV-19^ ^Wales| Human| Wales Specialist Virology Centre| Public Health Wales Microbiology Cardiff| Moore| United Kingdom
> Spike| hCoV-19| Australia/ NSW1014/ 2020| 2020-10-13| EPI _ISL_ 591486| Original| hCoV-19^ ^New South Wales| Human| Histopath| NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney| Gall| Australia
> Spike| hCoV-19| Liaoning/ IVDC- 01/ 2020| 2020-07-22| EPI _ISL_ 498692| Original| hCoV-19^ ^Liaoning| Human| National Institute for Viral Disease Control and Prevention| National Institute for Viral Disease Control and Prevention| Wang| China
>Spike|hCoV-19/Italy/MAR-UnivPM-1/2020|2020-03-03|EPI_ISL_417491|Vero E6|hCoV-19^^Marche|Human|Virology Laboratory|Virology and Legal Medicine Laboratories|Bagnarelli|Italy
>Spikes|hCoV-19/England/ALDP-9DA437/2020|2020-09-18|EPI_ISL_576872|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spikes|hCoV-19/Denmark/DCGC-12447/2020|2020-11-16|EPI_ISL_682628|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spikes|hCoV-19/Australia/VIC6003/2020|2020-07-23|EPI_ISL_518778|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spikes|hCoV-19/England/NOTT-10EF9B/2020|2020-03-31|EPI_ISL_432949|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spikes|hCoV-19/England/QEUH-B30479/2020|2020-11-04|EPI_ISL_659964|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spikes|hCoV-19/Denmark/DCGC-5637/2020|2020-09-28|EPI_ISL_619924|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spikes|hCoV-19/Singapore/299/2020|2020-04-14|EPI_ISL_462417|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
>Spikes|hCoV-19/USA/MI-MDHSS-SC20735/2020|2020-04-30|EPI_ISL_471756|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spikes|hCoV-19/England/CAMB-7584A/2020|2020-03-13|EPI_ISL_440461|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spikes|hCoV-19/England/MILK-B85E86/2020|2020-11-13|EPI_ISL_673930|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spikes|hCoV-19/Scotland/QEUH-96498E/2020|2020-08-13|EPI_ISL_531099|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/England/CAMBE7584A/2020|2020-10-26|EPI_ISL_671136|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spikes|hCoV-19/England/QEUH-C643C9/2020|2020-12-14|EPI_ISL_778322|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spikes|hCoV-19/England/NORT-284A6E/2020|2020-03-25|EPI_ISL_488483|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/USA/UT-UPHL-2009196/2020|2020-05-30|EPI_ISL_525179|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spikes|hCoV-19/England/QEUH-AAB823/2020|2020-10-21|EPI_ISL_652816|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spikes|hCoV-19/England/204481927/2020|2020-10-29|EPI_ISL_654001|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spikes|hCoV-19/England/NOTT-1137C8/2020|2020-09-23|EPI_ISL_573430|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spikes|hCoV-19/Denmark/DCGC-1820/2020|2020-06-08|EPI_ISL_618072|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

**Note:** The above text seems to contain a mix of entries that might be related to COVID-19 genomics studies, including locations, institutions, dates, and reference numbers. However, without further context or proper formatting, it's challenging to accurately interpret the full significance or content of these entries.
> Spike|hCoV-19/USA/AZ-TG305770/2020|2020-04-26|EPI_ISL_694272|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA
> Spike|hCoV-19/USA/WA-S773/2020|2020-04-14|EPI_ISL_449943|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
> Spike|hCoV-19/Ireland/WH-NVRL-20G49956/2020|2020-04-06|EPI_ISL_681924|Original|hCoV-19^^Westmeath|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland
> Spike|hCoV-19/England/QEUH-9C8135/2020|2020-09-11|EPI_ISL_567266|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Russia/Moscow_PMV6-6/2020|2020-04-02|EPI_ISL_454732|Vero E6|hCoV-19^^Moscow|Human|Russian State Collection of Viruses|Pathogenic Microorganisms Variability Laboratory|Shchetinin|Russia
> Spike|hCoV-19/Australia/VIC11763/2020|2020-07-22|EPI_ISL_563492|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19/England/ALDP-B736FC/2020|2020-11-12|EPI_ISL_662621|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/England/QEUH-A8BD66/2020|2020-10-16|EPI_ISL_643202|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/England/OXON-B298A/2020|2020-04-06|EPI_ISL_534782|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
> Spike|hCoV-19/USA/CA-CHLA-PLM65167224/2020|2020-11-09|EPI_ISL_753299|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA
> Spike|hCoV-19/Wales/PHWC-4805BA/2020|2020-10-03|EPI_ISL_612905|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/USA/ME-HETL-J0186/2020|2020-09-16|EPI_ISL_755364|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA
> Spike|hCoV-19/Germany/BY-ChVir-W1175-5759/2020|2020-03-28|EPI_ISL_754038|Original|hCoV-19^^Bavaria|Human|Charit\u00e9|University\u00e4tsmedizin Berlin|Charit\u00e9|University\u00e4tsmedizin Berlin|Muehlenbaum|Germany
> Spike|hCoV-19/Germany/NW-HHU-281/2020|2020-09-28|EPI_ISL_770756|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum GbR|\u00dcbAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany
> Spike|hCoV-19/USA/TX-DHS-0320/2020|2020-06-13|EPI_ISL_534287|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
> Spike|hCoV-19/Belgium/UL2-10291/2020|2020-07-23|EPI_ISL_540458|Original|hCoV-19^^Hainaut|Human|University of Li\u00e8ge COVID-19 testing center|GIGA Medical Genomics|Durkin|Belgium
> Spike|hCoV-19/Luxembourg/LNS7062667/2020|2020-10-29|EPI_ISL_744503|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
> Spike|hCoV-19/Australia/VIC10727/2020|2020-08-02|EPI_ISL_563058|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19/USA/LA-EVTI173/2020|2020-05-14|EPI_ISL_574308|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
> Spike|hCoV-19/USA/CA-QDX-2144/2020|2020-03-18|EPI_ISL_604429|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
Spike|hCoV-19|England|SHEF-C9601|2020|2020-05-16|EPI_ISL_493692|Original|hCoV-19|Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
Spike|hCoV-19|Switzerland|ZH-ETHZ-390416|2020|2020-12-03|EPI_ISL_721975|Original|hCoV-19|England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
Spike|hCoV-19|USA/TX-HNH-5025|2020|2020-06-24|EPI_ISL_544468|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
Spike|hCoV-19|Australia/NT91/2021|2021-01-02|EPI_ISL_779409|Original|hCoV-19|England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
Spike|hCoV-19|England/QEUH-9B3C2D|2020|2020-09-08|EPI_ISL_573542|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
Spike|hCoV-19|England/SHEF|2020|2020-03-11|EPI_ISL_422678|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|England/SHEF|2019/England/ALDP|2020|2020-05-09|EPI_ISL_510575|Original|hCoV-19|South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea
Spike|hCoV-19|USA/WI-811/2020|2020-07-31|EPI_ISL_516488|Original|hCoV-19|Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
Spike|hCoV-19|Scotland/QEUH-96FE57|2020|2020-08-18|EPI_ISL_568399|Original|hCoV-19|Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/MILK-80EFB2|2020|2020-07-16|EPI_ISL_557171|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Hong Kong/VM20040795/2020|2020-07-14|EPI_ISL_539809|Original|hCoV-19

>England|Human|Asiaworld Expo Command Post|Hong Kong Department of Health|Tsang|China

>hCoV-19

>England|LIVE-AOC95/2020|2020-06-10|EPI_ISL_478395|Original|hCoV-19

>England|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>hCoV-19

>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>hCoV-19

>Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>hCoV-19

>USA/WI-UW-856/2020|2020-07-10|EPI_ISL_509862|Original|hCoV-19

>Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>hCoV-19

>USA/UT-UPHL-2012780736/2020|2020-08-13|EPI_ISL_745894|Original|hCoV-19

>Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>hCoV-19

>England|ALDP-AA1007/2020|2020-10-22|EPI_ISL_624477|Original|hCoV-19

>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>hCoV-19

>Spain/VC-FISABIO-529/2020|2020-03-29|EPI_ISL_447478|Original|hCoV-19

>Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Clinico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>hCoV-19

>Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>hCoV-19

>France/PAC-IHU-0633/2020|2020-04-13|EPI_ISL_568904|Original|hCoV-19

>Provence-Alpes-C\u00f4te-d'u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>hCoV-19

>England|NOTT-1128D5/2020|2020-04-19|EPI_ISL_493558|Original|hCoV-19

>England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>hCoV-19

>USA/TX-HMH-MCOV-15722/2020|2020-07-09|EPI_ISL_785406|Original|hCoV-19

>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>hCoV-19

>United Arab Emirates|skmc-2200543117/2020|2020-02-23|EPI_ISL_582622|Original|hCoV-19

>United Arab Emirates|Human|Sheikh Khalifa Medical City|Molecular/Surveillance lab\nSheikh Khalifa Medical City|Amirtharaj|United Arab Emirates

>hCoV-19

>England|MILK-C7B523/2020|2020-12-15|EPI_ISL_756787|Original|hCoV-19

>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>hCoV-19

>England|SHEF-10CA61C/2020|2020-12-20|EPI_ISL_763741|Original|hCoV-19

>England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>hCoV-19

>Wales/PHWC-49B631/2020|2020-12-07|EPI_ISL_742362|Original|hCoV-19

>Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>hCoV-19

>USA/NY-Wadsworth-46319-01/2020|2020-04-13|EPI_ISL_525679|Original|hCoV-19

>New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA

>hCoV-19

>England|LIVE-DC3B1A/2020|2020-11-08|EPI_ISL_705869|Original|hCoV-19

>England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>hCoV-19

>England|ALDP-9CCA81/2020|2020-09-16|EPI_ISL_572569|Original|hCoV-19

>England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
> Spike| hCoV-19| England| CAMC-B21BC1| 2020-11-01| EPI_ISL_647145| Original|hCoV-19> England| Human| Lighthouse Lab in Cambridge| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom
> Spike| hCoV-19| USA| CA-ALSR-3332| 2020-09-17| EPI_ISL_635968| Original|hCoV-19> California| Human| San Diego County Public Health Laboratory| Andersen lab at Scripps Research| Gangavaram| USA
> Spike| hCoV-19| Ireland| D-NVRL-721RL38771| 2020-08-18| EPI_ISL_578242| Original|hCoV-19> Dublin| Human| National Virus Reference Laboratory| National Virus Reference Laboratory| Gonzalez| Ireland
> Spike| hCoV-19| England| ALDP-C8CEE| 2020-12-14| EPI_ISL_777044| Original|hCoV-19> England| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom
> Spike| hCoV-19| England| OXON-B1B49| 2020-05-03| EPI_ISL_479074| Original|hCoV-19> England| Human| Oxford Viromics| COVID-19 Genomics UK (COG-UK) Consortium| Golubchik| United Kingdom
> Spike| hCoV-19| USA| MI-MDHHS-SC21875| 2020-04-15| EPI_ISL_565936| Original|hCoV-19> Michigan| Human| Michigan Department of Health and Human Services| Michigan Department of Health and Human Services| Blankenship| USA
> Spike| hCoV-19| Australia| VIC12986| 2020-08-04| EPI_ISL_592136| Original|hCoV-19> Victoria| Human| Victorian Infectious Diseases Reference Laboratory (VIDRL)| VIDRL and MDU-PHL| Schultz| Australia
> Spike| hCoV-19| Brazil| RJ-06020| 2020-05-29| EPI_ISL_636737| Original|hCoV-19> Rio de Janeiro| Human| Laborator\u00f3rio de Imunofarmacologia | Instituto Oswaldo Cruz| Laborator\u00f3rio de Imunofarmacologia | Instituto Oswaldo Cruz| da Silva| Brazil
> Spike| hCoV-19| England| MILK-BAC690| 2020-11-18| EPI_ISL_681398| Original|hCoV-19> England| Human| Lighthouse Lab in Milton Keynes| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom
> Spike| hCoV-19| South Korea| KCDC2795| 2020-07-27| EPI_ISL_526729| Original|hCoV-19> South Korea| Human| Division of Viral Diseases| Division of Viral Diseases| Kim| South Korea
> Spike| hCoV-19| Denmark| DCGC-16702| 2020-11-02| EPI_ISL_714924| Original|hCoV-19> Midtjylland| Human| Department of Virus and Microbiological Special Diagnostics| Albertsen Lab| Michaelsen| Denmark
> Spike| hCoV-19| Scotland| CVR4097| 2020-09-06| EPI_ISL_540801| Original|hCoV-19> Scotland| Human| West of Scotland Specialist Virology Centre| COVID-19 Genomics UK (COG-UK) Consortium| Robertson| United Kingdom
> Spike| hCoV-19| England| ALDP-94E10A| 2020-06-16| EPI_ISL_555357| Original|hCoV-19> England| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom
> Spike| hCoV-19| South Africa| RI0755| 2020-06-12| EPI_ISL_490303| Original|hCoV-19> Western Cape| Human| National Institute for Communicable Diseases of the National Health Laboratory Service| National Institute for Communicable Diseases of the National Health Laboratory Service| Allam| South Africa
> Spike| hCoV-19| Australia| VIC7477| 2020-07-22| EPI_ISL_564436| Original|hCoV-19> Victoria| Human| Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)| MDU-PHL| Schultz| Australia
> Spike| hCoV-19| Denmark| DCGC-21986| 2020-12-14| EPI_ISL_757967| Original|hCoV-19> Syddanmark| Human| Department of Virus and Microbiological Special Diagnostics| Albertsen Lab| Michaelsen| Denmark
> Spike| hCoV-19| India| MH-ACTREC| 260| 2020-07-08| EPI_ISL_699912| Original|hCoV-19> Maharashtra| Human| Hematopathology Laboratory| Hematopathology Laboratory| Patkar| India
> Spike| hCoV-19| Denmark| DCGC-6232| 2020-10-05| EPI_ISL_619992| Original|hCoV-19> Sjaelland| Human| Department of Virus and Microbiological Special Diagnostics| Albertsen lab| Michaelsen| Denmark
> Spike| hCoV-19| England| EXET-135D55| 2020-03-29| EPI_ISL_457162| Original|hCoV-19> England| Human| University of Exeter| COVID-19 Genomics UK (COG-UK) Consortium| Temperton| United Kingdom
> Spike| hCoV-19| Mexico| BCN-InDRE-51| 2020-07-05| EPI_ISL_516611| Original|hCoV-19> Baja California| Human| Instituto de Diagnostico y Referencia Epidemiologicos
>Spike|hCoV-19|USA/TX-HMH-MCoV-18064/2020|2020-11-16|EPI_ISL_784412|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|England/ALDP-A84A48/2020|2020-10-17|EPI_ISL_610418|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/ALDP-A679F3/2020|2020-10-12|EPI_ISL_630367|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/UT-03012/2020|2020-05-01|EPI_ISL_522295|Original|hCoV-19
^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19|England/ALDP-A84A48/2020|2020-10-17|EPI_ISL_610418|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/MI-UM-10035853858/2020|2020-09-08|EPI_ISL_583333|Original|hCoV-19
^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>Spike|hCoV-19|USA/CA-QDX-797/2020|2020-03-22|EPI_ISL_571491|Original|hCoV-19
^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19|Australia/VIC2679/2020|2020-06-29|EPI_ISL_521520|Original|hCoV-19
^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19|Scotland/CVR4302/2020|2020-09-09|EPI_ISL_572621|Original|hCoV-19
^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19|Portugal/IGC4391/2020|2020-06-07|EPI_ISL_491244|Original|hCoV-19
^Portugal|Human|Instituto Gulbenkian de Ci\u00eancia|Instituto Gulbenkian de Ci\u00eancia|Leite|Portugal
>Spike|hCoV-19|England/ALDP-6913BA/2020|2020-07-02|EPI_ISL_558090|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/TX-HMH-3368/2020|2020-06-12|EPI_ISL_544152|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|USA/CA-QDX-797/2020|2020-09-04|EPI_ISL_667397|Original|hCoV-19
^Washington|Human|OHsu Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA
>Spike|hCoV-19|USA/ID-UNM-IBL039/2020|2020-03-17|EPI_ISL_632881|Original|hCoV-19
^Idaho|Human|Idaho Bureau of Laboratories|Center for Global Health|Domman|USA
>Spike|hCoV-19|England/NORT-2A4B83/2020|2020-09-16|EPI_ISL_573398|Original|hCoV-19
^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashford|United Kingdom
>Spike|hCoV-19|USA/MI-MDHSS-SC20197/2020|2020-03-23|EPI_ISL_447168|Original|hCoV-19
^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19|England/CAMB-1B7474/2020|2020-10-19|EPI_ISL_637723|Original|hCoV-19
^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19|England/2010005406/2020|2020-02-28|EPI_ISL_415135|Original|hCoV-19
^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19|South Africa/KRISP-0501/2020|2020-07-11|EPI_ISL_498069|Original|hCoV-19
^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
>Spike|hCoV-19|Sweden/20-07653/2020|2020-04-21|EPI_ISL_445237|Original|hCoV-19
^Vastra Gotaland|Human|Nahalsan Molnycke|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden
>Spike|hCoV-19|USA/CA-CZB-13863/2020|2020-08-14|EPI_ISL_738679|Original|hCoV-19
^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA
>Spike|hCoV-19|England/ALDP-A5208D/2020|2020-10-07|EPI_ISL_598103|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Australia/QLD1128/2020|2020-03-22|EPI_ISL_639745|Original|hCoV-19^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia
Spike|hCoV-19/England/LIVE-A2DBE/2020|2020-05-20|EPI_ISL_512347|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
Spike|hCoV-19/England/SHEF-CAD65/2020|2020-09-25|EPI_ISL_573724|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
Spike|hCoV-19/USA/WA-S646/2020|2020-04-19|EPI_ISL_438199|Original|hCoV-19^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
Spike|hCoV-19/England/CAMC-AAF8B6/2020|2020-10-23|EPI_ISL_631262|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/CAMC-1BB7B/2020|2020-11-18|EPI_ISL_679200|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
Spike|hCoV-19/England/NORT-281463/2020|2020-03-15|EPI_ISL_488797|Original|hCoV-19^England|Human|NU-OMICS DNA Sequencing facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Turkey/IST-GLAB-254/2020|2020-05-19|EPI_ISL_735319|Original|hCoV-19^Istanbul|Human|Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University) |Genomic Laboratory (GLAB) |Karacan|Turkey
Spike|hCoV-19/USA/MI-MDHH-SC21969/2020|2020-08-23|EPI_ISL_566020|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services |Michigan Department of Health and Human Services|Blankenship|USA
Spike|hCoV-19/England/SHEF-C9BD5/2020|2020-06-15|EPI_ISL_479238|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
Spike|hCoV-19/Scotland/QEUH-96AE5C/2020|2020-08-18|EPI_ISL_531330|Original|hCoV-19^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/BRIS-12PDF4/2020|2020-04-10|EPI_ISL_492715|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Australia/VIC3190/2020|2020-07-03|EPI_ISL_520877|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
Spike|hCoV-19/Scotland/QEUH-9DAA08/2020|2020-09-22|EPI_ISL_575361|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Wales/PHWC-4A0806/2020|2020-12-09|EPI_ISL_743497|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/Canada/BC_24258528/2020|2020-03-00|EPI_ISL_463207|Original|hCoV-19^British Columbia|Human|BCCDC Public Health Laboratory |BCCDC Public Health Laboratory|Harrigan|Canada
Spike|hCoV-19/USA/WI-UW-1954/2020|2020-09-25|EPI_ISL_677362|Original|hCoV-19^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories |University of Wisconsin-Madison AIDS Vaccine Research Laboratories |Baczenas|USA
Spike|hCoV-19/Denmark/DGCC-4692/2020|2020-09-21|EPI_ISL_621924|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics |Albertsen lab |Michaelson|Denmark
Spike|hCoV-19/Switzerland/GE-ETHZ-150023plus/2020|2020-06-05|EPI_ISL_483658|Original|hCoV-19^Geneve|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
Spike|hCoV-19/England/ALDBA-1DBA/2020|2020-11-01|EPI_ISL_646106|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/England/BIRM-67BAC/2020|2020-11-04|EPI_ISL_651256|Original|hCoV-19
^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom
Spike|hCoV-19/USA/AZ-TG640827/2020|2020-04-27|EPI_ISL_695782|Original|hCoV-19
^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA
Spike|hCoV-19/USA/NY-NYCPHL-000525/2020|2020-04-08|EPI_ISL_631986|Original|hCoV-19
^New York|Human|Flushing Hospital Medical Center|New York City Public Health Laboratory|Wang|USA
Spike|hCoV-19/USA/FL-DSHS-0720/2020|2020-09-11|EPI_ISL_576362|Original|hCoV-19
^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
Spike|hCoV-19/England/BRIS-12A2CD/2020|2020-04-11|EPI_ISL_458415|Original|hCoV-19
^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Finland/S4AB3/2020|2020-10-10|EPI_ISL_737046|Original|hCoV-19
^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland
Spike|hCoV-19/USA/FL-BPHL-0734/2020|2020-07-14|EPI_ISL_509792|Original|hCoV-19
^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
Spike|hCoV-19/Switzerland/BS-42204863/2020|2020-03-24|EPI_ISL_581730|Original|hCoV-19
^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland
Spike|hCoV-19/Wales/PHWC-48AFFE/2020|2020-11-05|EPI_ISL_680583|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/England/CAMC-A41AED/2020|2020-10-04|EPI_ISL_609378|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/England/OXON-B2850/2020|2020-05-07|EPI_ISL_534776|Original|hCoV-19
^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
Spike|hCoV-19/USA/AZ-TG280820/2020|2020-04-20|EPI_ISL_694166|Original|hCoV-19
^Arizona|Human|AZ SPHL|TGen North|French|USA
Spike|hCoV-19/England/STTT-265D7A9/2020|2020-03-24|EPI_ISL_484012|Original|hCoV-19
^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom
Spike|hCoV-19/USA/TX-HMH-MCoV-16327/2020|2020-11-01|EPI_ISL_786011|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/Italy/IVC-UNIVR-72/2020|2020-03-17|EPI_ISL_751381|Original|hCoV-19
^Veneto|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy
Spike|hCoV-19/USA/TX-HMH0285/2020|2020-03-27|EPI_ISL_434913|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/Denmark/DGCC-8749/2020|2020-10-26|EPI_ISL_626061|Original|hCoV-19
^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
Spike|hCoV-19/Australia/VIC10235/2020|2020-08-28|EPI_ISL_562835|Original|hCoV-19
^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19/Scotland/QUE-14CFA/2020|2020-12-06|EPI_ISL_710678|Original|hCoV-19
^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/Denmark/DGCC-2018/2020|2020-12-07|EPI_ISL_747987|Original|hCoV-19
^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Japan/PG-0072/2020|2020-02-27|EPI_ISL_479827|Original|hCoV-19^^Hokkaido|Human|Sapporo City Institute of Public Health|Pathogen Genomics Center|Seikuzuka|Japan
>Spoke|hCoV-19/DC/7920/2020|2020-05-15|EPI_ISL_495641|Original|hCoV-19^^Wales|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo
>Spoke|hCoV-19/Per/LIM-UPCH-0173/2020|2020-10-13|EPI_ISL_729879|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen|u00f3mica Microbiana|Tsukayama|Peru
>Spoke|hCoV-19/Denmark/DCGC-4459/2020|2020-08-31|EPI_ISL_615644|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Mikeelsen|Denmark
>Spoke|hCoV-19/Wales/PHWC-48989A/2020|2020-10-24|EPI_ISL_652418|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing Lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spoke|hCoV-19/USA/WI-WSLH-200116/2020|2020-04-07|EPI_ISL_578346|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA
>Spoke|hCoV-19/England/OXON-B2717/2020|2020-04-19|EPI_ISL_479170|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spoke|hCoV-19/England/NOTT-12142A/2020|2020-12-16|EPI_ISL_741633|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spoke|hCoV-19/Spain/RI-ISCIII-201565/2020|2020-03-04|EPI_ISL_455339|Original|hCoV-19^^La Rioja|Human|Hospital San Pedro|Instituto de Salud Carlos III|Caballerob|Spain
>Spoke|hCoV-19/USA/UT-UPHL-201001416/2020|2020-06-20|EPI_ISL_602946|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spoke|hCoV-19/Netherlands/NA_221/2020|2020-03-27|EPI_ISL_422756|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spoke|hCoV-19/Australia/VIC4836/2020|2020-07-17|EPI_ISL_519220|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spoke|hCoV-19/Switzerland/AG-UVZ-IMV12/2020|2020-05-04|EPI_ISL_590834|Vero P2|hCoV-19^^Aargau|Human|Institute of Medical Virology|Institute of Medical Virology|Kufner|Switzerland
>Spoke|hCoV-19/Canada/BC_01294861/2020|2020-04-00|EPI_ISL_466707|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada
>Spoke|hCoV-19/England/CAMB-77ABB/2020|2020-04-01|EPI_ISL_439435|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spoke|hCoV-19/Denmark/DCGC-9400/2020|2020-11-16|EPI_ISL_668952|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Mikeelsen|Denmark
>Spoke|hCoV-19/England/BRIS-12BF3E/2020|2020-05-09|EPI_ISL_469361|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19/USA/TX-HMH-MCoV-15818/2020|2020-07-10|EPI_ISL_785502|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spoke|hCoV-19/Wales/PHWC-49A8D2/2020|2020-12-03|EPI_ISL_727614|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spoke|hCoV-19/Wales/PHWC-48C730/2020|2020-11-07|EPI_ISL_666462|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

> Spike|hCoV-19/Denmark/DCGC-16986/2020|2020-12-14|EPI_ISL_750690|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

> Spike|hCoV-19/USA/VA-DCLS-2054/2020|2020-10-28|EPI_ISL_677224|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA

> Spike|hCoV-19/USA/CA-CHLA-PLM74475694/2020|2020-11-30|EPI_ISL_753420|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

> Spike|hCoV-19/USA/ID-QDX-1531/2020|2020-03-17|EPI_ISL_603814|Original|hCoV-19^^Idaho|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

> Spike|hCoV-19/Denmark/DCGC-3549/2020|2020-08-31|EPI_ISL_616342|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

> Spike|hCoV-19/Germany/HH-p2455/2020|2020-06-02|EPI_ISL_776517|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

> Spike|hCoV-19/Spain/CT-IBV-003735/2020|2020-04-08|EPI_ISL_481017|Original|hCoV-19^^Catalunya|Human|ISGlobal|SeqCOVID-SPAIN consortium/IBV|CSCI|Comas|Spain

> Spike|hCoV-19/England/204541053/2020|2020-11-03|EPI_ISL_637184|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

> Spike|hCoV-19/England/SHEF-D0EC3/2020|2020-03-26|EPI_ISL_442482|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

> Spike|hCoV-19/England/ALDP-94A405/2020|2020-06-12|EPI_ISL_556408|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/Denmark/DCGC-20121/2020|2020-12-07|EPI_ISL_747620|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

> Spike|hCoV-19/USA/MA-MGH-00575/2020|2020-03-17|EPI_ISL_460211|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

> Spike|hCoV-19/Austria/CeMM0731/2020|2020-04-21|EPI_ISL_583674|Original|hCoV-19^^Austria|Human|Austrian Agency for Health and Food Safety (AGES)|Bergthaler laboratory|Bergthaler|Austria

> Spike|hCoV-19/USA/TX-HMW-MCOV-8759/2020|2020-07-01|EPI_ISL_780441|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

> Spike|hCoV-19/England/EXET-137236/2020|2020-04-02|EPI_ISL_471956|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

> Spike|hCoV-19/England/MILK-A7D857/2020|2020-10-13|EPI_ISL_606456|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/USA/HI-H200314/2020|2020-08-16|EPI_ISL_752873|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

> Spike|hCoV-19/Australia/VIC15392/2020|2020-08-05|EPI_ISL_593280|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

> Spike|hCoV-19/SaudiArabia/KAUST-MADINAH898/2020|2020-05-26|EPI_ISL_513200|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia

> Spike|hCoV-19/England/CAMC-A65B1D/2020|2020-10-11|EPI_ISL_637481|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/France/ARA-14570/2020|2020-03-26|EPI_ISL_508889|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Institut des Agents Infectieux (IAI)|CNR Virus des Infections Respiratoires - France SUD|Josset|France
>Spike|hCoV-19/Scotland/EDB1164/2020|2020-04-08|EPI_ISL_433415|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spike|hCoV-19/USA/CA-CZB-14109/2020|2020-05-27|EPI_ISL_738768|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA
>Spike|hCoV-19/England/QEUH-963ECC/2020|2020-08-12|EPI_ISL_531493|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/CA-CZB-14109/2020|2020-10-28|EPI_ISL_721937|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Gambia/GC19-1385/2020|2020-05-12|EPI_ISL_561018|Original|hCoV-19^^Gambia|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia
>Spike|hCoV-19/England/ALDP-A8591D/2020|2020-10-17|EPI_ISL_610465|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/PG-0426/2020|2020-04-04|EPI_ISL_480094|Original|hCoV-19^^Kansai|Human|Department of Infectious Diseases|Pathogen Genomics Center|Nakazuma|Japan
>Spike|hCoV-19/Iran/SA-Isf-69/2020|2020-08-04|EPI_ISL_582012|Original|hCoV-19^^Iran|Human|Infectious Diseases and Tropical Medicine Research Center|Infectious Diseases and Tropical Medicine Research Center|Ateai,B.|Iran
>Spike|hCoV-19/USA/WA-S1672/2020|2020-05-29|EPI_ISL_496098|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spike|hCoV-19/England/GSTT-265DC5F/2020|2020-03-21|EPI_ISL_484085|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom
>Spike|hCoV-19/Switzerland/BE-ETHZ-420033/2020|2020-12-18|EPI_ISL_768003|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/Belgium/ULG-10726/2020|2020-09-15|EPI_ISL_641568|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
>Spike|hCoV-19/Netherlands/ZuidHolland_119/2020|2020-04-19|EPI_ISL_461292|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/England/MILK-A79A73/2020|2020-10-15|EPI_ISL_606789|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-495EB7/2020|2020-11-23|EPI_ISL_726499|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/South Korea/KCDC2619/2020|2020-07-02|EPI_ISL_515022|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea
>Spike|hCoV-19/Oman/C-5401/2020|2020-04-24|EPI_ISL_491164|Original|hCoV-19^^Dakhiliyah|Human|Oman-National Influenza Center|Biotechnology & OMICS Laboratory|Al Mahrqi|Oman
>Spike|hCoV-19/Denmark/DGCC-7102/2020|2020-10-12|EPI_ISL_619143|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/CO-CDPHE-2100013339/2020|2020-11-19|EPI_ISL_771299|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Pulpic Health and Environment|Bankers|USA
>Spk|hCoV-19/Russia/KR-RII-12210S/2020|2020-11-17|EPI_ISL_732983|Original|hCoV-19^^Karelia|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Spk|hCoV-19/Singapore/9/2020|2020-02-04|EPI_ISL_410715|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
>Spk|hCoV-19/USA/CA-CZB-1078/2020|2020-04-07|EPI_ISL_437078|Original|hCoV-19^^California|Human|County of Santa Clara Public Health|Chan-Zuckerberg Biohub|Hao|USA
>Spk|hCoV-19/Brazil/RS-15284/2020|2020-08-12|EPI_ISL_729853|Original|hCoV-19^^Rio Grande do Sul|Human|Laboratorio Central de Saúde Pública do Estado do Rio Grande do Sul (LACEN-RS)|Laboratory of Respiratory Viruses and Measles|Silva|Brazil
>Spk|hCoV-19/USA/MI-MDHHS-SC22646/2020|2020-11-27|EPI_ISL_737197|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spk|hCoV-19/USA/TX-HMH-1007/2020|2020-04-14|EPI_ISL_542491|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spk|hCoV-19/Wales/PHWC-4900F2/2020|2020-11-19|EPI_ISL_706445|Original|hCoV-19^^Wales|Human|Originallab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spk|hCoV-19/England/ALDP-CB4F02/2020|2020-12-17|EPI_ISL_761831|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spk|hCoV-19/Denmark/DGCC-3855/2020|2020-09-07|EPI_ISL_622744|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelensen|Denmark
>Spk|hCoV-19/Wuhan/HB-WH1-142/2020|2020-03-01|EPI_ISL_454918|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China
>Spk|hCoV-19/Wales/PHWC-34337/2020|2020-04-17|EPI_ISL_446905|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spk|hCoV-19/Denmark/DGCC-8274/2020|2020-10-26|EPI_ISL_617287|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelensen|Denmark
>Spk|hCoV-19/Bangladesh/BCSIR-NILMRC-231/2020|2020-07-06|EPI_ISL_487373|Original|hCoV-19^^Barisal|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh
>Spk|hCoV-19/Netherlands/Gelderland_63/2020|2020-05-18|EPI_ISL_460962|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spk|hCoV-19/USA/WA-UW-4404/2020|2020-03-30|EPI_ISL_426135|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spk|hCoV-19/England/QEUH-AE1E6B/2020|2020-10-27|EPI_ISL_633609|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spk|hCoV-19/England/LIVE-DBD13F/2020|2020-10-28|EPI_ISL_664519|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spk|hCoV-19/Portugal/PT0143/2020|2020-03-27|EPI_ISL_453859|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saúde (INSA)|Borges|Portugal
>Spk|hCoV-19/USA/WI-UW-1943/2020|2020-10-03|EPI_ISL_677658|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
Diagnostics| Albertsen Lab | Michaelsen | Denmark

19\^\text{Midtjylland} | Human | Department of Virus and Microbiological Special

Spike| hCoV

19\^\text{Wales} | Human | Wales Specialist Virology Centre Sequencing lab | COVID-19 Genomics UK (COG-UK) Consortium

19\^\text{England} | Human | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

19\^\text{Japan} | Human | Pathogen Genomics Center | Pathogen Genomics Center | Sekizuka | Japan

19\^\text{Sjaelland} | Human | Department of Virus and Microbiological Special

Diagnosics | Albertsen Lab | Michaelsen | Denmark

19\^\text{California} | Human | UC San Diego Center for Advanced Laboratory Medicine | Andersen lab at Scripps Research | Gangavarapu | USA

19\^\text{Northern Ireland} | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

19\^\text{India} | Human | Hematopathology Laboratory | Hematopathology Laboratory | Patkar | India

19\^\text{England} | Human | Lighthouse Lab in Alderney Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

19\^\text{Scotland} | Human | West of Scotland Specialist Virology Centre | COVID-19 Genomics UK (COG-UK) Consortium | Robertson | United Kingdom

19\^\text{France} | Human | Northumbria University | South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust | COVID-19 Genomics UK (COG-UK) Consortium | Bashton | United Kingdom

19\^\text{California} | Human | Alameda County Public Health Lab | Chan-Zuckerberg Biohub | Kamm | USA

19\^\text{England} | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

19\^\text{Wales} | Human | Wales Specialist Virology Centre Sequencing lab | COVID-19 Genomics UK (COG-UK) Consortium | Moore | United Kingdom

19\^\text{Midtjylland} | Human | Department of Virus and Microbiological Special

Diagnostics | Albertsen Lab | Michaelsen | Denmark

EPI\_ISL\_460147|Original|hCoV-19\^\text{Massachusetts}|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

EPI\_ISL\_634062|Original|hCoV-19\^\text{England}|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

EPI\_ISL\_689503|Original|hCoV-19\^\text{Japan}|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

EPI\_ISL\_758604|Original|hCoV-19\^\text{Denmark}|Department of Virus and Microbiological Special

Diagnosics|Albertsen Lab|Michaelsen|Denmark

EPI\_ISL\_530779|Original|hCoV-19\^\text{California}|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

EPI\_ISL\_558681|Original|hCoV-19\^\text{Wales}|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England|ALDP-9CDA17/2020|2020-09-16|EPI_ISL_566363|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England|ALDP-B1CE1B/2020|2020-11-01|EPI_ISL_645743|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|England|NOTT-11C844/2020|2020-11-17|EPI ISL 652413|Original|hCoV-19
>England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19|England|ALDP-9CB7A9/2020|2020-09-16|EPI_ISL_575527|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Spain|MD-IBV-99007336/2020|2020-08-24|EPI_ISL_582822|Original|hCoV-19
>Spain|Human|Hospital General Universitario Gregorio Marañón|SeqCOVID-SPAIN consortium|IVB|Spain
>Spike|hCoV-19|England|NORW-F1336/2020|2020-10-19|EPI_ISL_595225|Original|hCoV-19
>England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19|Switzerland|GE-ETHZ-300314/2020|2020-09-25|EPI_ISL_603346|Original|hCoV-19
>Switzerland|Geneva|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19|England|QUEUH-54AF44/2020|2020-05-12|EPI_ISL_533427|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Luxembourg|LNS9506014/2020|2020-11-23|EPI_ISL_744927|Original|hCoV-19
>Luxembourg|Human|Laboratoire national de santé|SeqCOVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19|Saudi Arabia|KAUST-MADINAH42/2020|2020-03-26|EPI_ISL_677976|Original|hCoV-19
>Saudi Arabia|Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia
>Spike|hCoV-19|Peru|LIM-UPCH-0164/2020|2020-10-14|EPI_ISL_729872|Original|hCoV-19
>Peru|Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\'u00f1omicas Microbianas|Tsukayama|Peru
>Spike|hCoV-19|Wales|PHWC-160A96/2020|2020-05-23|EPI_ISL_473008|Original|hCoV-19
>Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19|England|LIVE-DC4162/2020|2020-11-13|EPI_ISL_703729|Original|hCoV-19
>England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19|England|MILK-9758D8/2020|2020-08-20|EPI_ISL_552541|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Wales|PHWC-4A228E/2020|2020-12-14|EPI_ISL_743866|Original|hCoV-19
>Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19|Japan|TKY9810/2020|2020-04-00|EPI_ISL_462440|unknown|hCoV-19
>Japan|unknown|unknown|unknown|unknown|Ryota Kumagai Tokyo Metropolitan Institute of Public Health|Submitter|Japan
>Spike|hCoV-19|Australia|VIC4790/2020|2020-07-15|EPI_ISL_519176|Original|hCoV-19
>Australia|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19|England|SHEF-C907C/2020|2020-09-28|EPI_ISL_585034|Original|hCoV-19
>England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19|England|NORW-ECC33/2020|2020-06-18|EPI_ISL_499599|Original|hCoV-19
>England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19|USA/HI-H200040/2020|2020-04-15|EPI_ISL_752624|Original|hCoV-19
>Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA
(IOM) from the Ezequiel Dias Foundation (FUNED) | Instituto Octavio Magalhaes

19^\text{New York}|\text{Human}|DOHMH Morrisania|New York City Public Health Laboratory
<br>Wang|\text{USA}<br><br>19^\text{Texas}|\text{Human}|Houston Methodist Hospital|Houston Methodist Hospital
<br>Long|\text{USA}<br><br>19^\text{Washington}|\text{Human}|UW Virology Lab|Washington, DC
<br>Moore|\text{USA}<br><br>19^\text{England}|\text{Human}|Lighthouse Lab in Alderley Park
<br>Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium
<br>Davies|\text{United Kingdom}<br><br>19^\text{Spain}|\text{Human}|Salud Carlos III|\text{Microbiological Diagnostics UK (COG-UK)}
<br>Aragon|\text{Spain}
<br>19^\text{England}|\text{Human}|University of Exeter
<br>COVID-19 Genomics UK (COG-UK) consortium|Davies|\text{United Kingdom}<br><br>19^\text{Australia}|\text{Human}|MDU-Virology Lab
<br>Micahelsen|\text{Australia}<br><br>19^\text{England}|\text{Human}|Lighthouse Lab in Alderley Park
<br>Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|\text{United Kingdom}<br><br>19^\text{England}|\text{Human}|Lighthouse Lab in Glasgow
<br>Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|\text{United Kingdom}<br><br>19^\text{England}|\text{Human}|Lighthouse Lab in Glasgow
<br>Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|\text{United Kingdom}<br><br>19^\text{England}|\text{Human}|Lighthouse Lab in Alderley Park
<br>Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|\text{United Kingdom}<br><br>19^\text{England}|\text{Human}|Lighthouse Lab in Glasgow
<br>Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|\text{United Kingdom}<br><br>19^\text{England}|\text{Human}|University of Exeter
<br>COVID-19 Genomics UK (COG-UK) consortium|Davies|\text{United Kingdom}<br><br>19^\text{England}|\text{Human}|Lighthouse Lab in Alderley Park
<br>Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|\text{United Kingdom}<br><br>19^\text{England}|\text{Human}|Lighthouse Lab in Glasgow
<br>Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|\text{United Kingdom}<br><br>19^\text{Australia}|\text{Human}|MDU-Virology Lab
<br>Micahelsen|\text{Australia}<br><br>19^\text{England}|\text{Human}|Lighthouse Lab in Glasgow
<br>Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|\text{United Kingdom}<br><br>19^\text{England}|\text{Human}|Lighthouse Lab in Alderley Park
<br>Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|\text{United Kingdom}<br><br>19^\text{England}|\text{Human}|Lighthouse Lab in Glasgow
<br>Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|\text{United Kingdom}<br><br>19^\text{England}|\text{Human}|Lighthouse Lab in Alderley Park
<br>Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|\text{United Kingdom}<br><br>19^\text{England}|\text{Human}|Lighthouse Lab in Glasgow
<br>Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|\text{United Kingdom}
>Spike|hCoV-19|England/CAMB-819C0/2020|2020-04-10|EPI_ISL_442572|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/Netherlands/GE-EMC-304/2020|2020-09-19|EPI_ISL_577831|Original|hCoV-19^England|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/England/ALDP-B84FA2/2020|2020-11-15|EPI_ISL_674284|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/PG-4889/2020|2020-08-00|EPI_ISL_690010|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/USA/WA-S2809/2020|2020-08-31|EPI_ISL_574651|Original|hCoV-19^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA
>Spike|hCoV-19/England/MILK-B54EEA/2020|2020-11-06|EPI_ISL_657774|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC5647/2020|2020-07-16|EPI_ISL_518458|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL
>Spike|hCoV-19/Denmark/DCGC-9536/2020|2020-11-09|EPI_ISL_669025|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsens Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/WA-10663/2020|2020-06-09|EPI_ISL_570345|Original|hCoV-19^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/England/MILK-6A2969/2020|2020-07-02|EPI_ISL_551766|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-168D95/2020|2020-04-01|EPI_ISL_494364|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Japan/PG-0600/2020|2020-04-00|EPI_ISL_684210|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/MILK-ACFA05/2020|2020-10-22|EPI_ISL_629680|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WA-S1862/2020|2020-05-27|EPI_ISL_496288|Original|hCoV-19^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spike|hCoV-19/England/ALDP-B83204/2020|2020-11-14|EPI_ISL_675702|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/tx-hmh-Mc0v-19421/2020|2020-11-30|EPI_ISL_783831|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/QEUH-C3409E/2020|2020-12-11|EPI_ISL_734071|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Canada/QC-LSPQ-L00236132/2020|2020-03-24|EPI_ISL_536118|Original|hCoV-19^Quebec|Human|H\yu00efpital de Hull|Laboratoire de sant\u00e9|Canada
>Spike|hCoV-19/Canada/QC-LSPQ-L00236132/2020|2020-03-24|EPI_ISL_536118|Original|hCoV-19^Quebec|Human|H\yu00efpital de Hull|Laboratoire de sant\u00e9|Canada
>Spide|hCoV-19/England/MILK-A7CE29/2020|2020-10-13|EPI_ISL_606679|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spide|hCoV-19/Canada/BC_08323846/2020|2020-04-00|EPI_ISL_466829|Original|hCoV-19^British Columbia|Human|BCCDC Public Health LaboraTo|BCCDC Public Health Laboratory|Harrigan|Canada
>Spide|hCoV-19/Switzerland/BS-UHB-42192921/2020|2020-03-16|EPI_ISL_528136|Original|hCoV-19^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland
>Spide|hCoV-19/USA/WI-UW-1597/2020|2020-09-21|EPI_ISL_605474|Original|hCoV-19^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research
| Country | Region | Department | Institution | Lab | Date | Accession Number | Genomic Pipeline | Virus Strain | Description |
|---------|--------|------------|-------------|-----|------|-----------------|-----------------|-------------|-------------|
| England | Human | Lighthouse Lab in Cambridge | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| USA | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| Spain | Human | Lighthouse Lab in Barcelona | Comas | Spain |
| Denmark | Human | Department of Pathology | Albertsen lab | Denmark |
| USA | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| USA | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| Switzerland | Human | Department of Pathology | Nadeau | Switzerland |
| USA | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| USA | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| USA | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| USA | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| USA | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| USA | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| USA | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
&Spike|hCoV-19/Wales/PHWC-4952D9/2020|2020-11-21|EPI_ISL_726324|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
&Spike|hCoV-19/England/20146012604/2020|2020-03-31|EPI_ISL_421980|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
&Spike|hCoV-19/USA/MI-MDHHSS-SC22483/2020|2020-10-28|EPI_ISL_708584|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA
&Spike|hCoV-19/Portugal/PT1882/2020|2020-11-11|EPI_ISL_731923|Original|hCoV-19^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal
&Spike|hCoV-19/USA/MI-QDX-2087/2020|2020-03-17|EPI_ISL_604460|Original|hCoV-19^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
&Spike|hCoV-19/USA/NE-10750/2020|2020-05-02|EPI_ISL_475177|Original|hCoV-19^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA
&Spike|hCoV-19/Denmark/DCGC-16525/2020|2020-11-16|EPI_ISL_714814|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark
&Spike|hCoV-19/England/LOND-DB47B/2020|2020-11-17|EPI_ISL_724770|Original|hCoV-19^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
&Spike|hCoV-19/Denmark/DCGC-21137/2020|2020-12-21|EPI_ISL_758867|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark
&Spike|hCoV-19/England/ALDP-9BE4A2/2020|2020-09-09|EPI_ISL_568163|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
&Spike|hCoV-19/England/ALDP-8FCCOB/2020|2020-06-24|EPI_ISL_551493|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
&Spike|hCoV-19/Canada/MB-NML-634/2020|2020-03-20|EPI_ISL_632919|Original|hCoV-19^Manitoba|Human|Cadham Provincial laboratory|Cadham Provincial laboratory|Majer|Canada
&Spike|hCoV-19/USA/CA-CZB-3275/2020|2020-07-16|EPI_ISL_548319|Original|hCoV-19^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA
&Spike|hCoV-19/USA/FL-BPHL-2042/2020|2020-07-14|EPI_ISL_653195|Original|hCoV-19^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
&Spike|hCoV-19/USA/TX-HMH-2034/2020|2020-05-11|EPI_ISL_545076|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
&Spike|hCoV-19/England/CAMC-A3EA6B/2020|2020-10-05|EPI_ISL_609800|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
&Spike|hCoV-19/England/ALDP-CEBA98/2020|2020-12-21|EPI_ISL_782292|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
&Spike|hCoV-19/USA/TX-HMH-MCoV-16346/2020|2020-11-02|EPI_ISL_786030|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
&Spike|hCoV-19/England/MILK-A7A4D4/2020|2020-10-15|EPI_ISL_606830|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
&Spike|hCoV-19/England/LOND-12F09A9/2020|2020-11-21|EPI_ISL_679597|Original|hCoV-19^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
&Spike|hCoV-19/England/ALDP-4AECEB1/2020|2020-06-14|EPI_ISL_559307|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-953BAA/2020|2020-06-08|EPI_ISL_553762|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> | Spike | hCoV-19/Belgium/rega-10181085/2020 | 2020-10-18 | EPI_ISL_735125 | Original | hCoV-19
> | England | Human | UZ Leuven | KU Leuven | Maes | Belgium

> | Spike | hCoV-19/England/LIVE-A0293/2020 | 2020-06-02 | EPI_ISL_472098 | Original | hCoV-19
> | England | Human | Liverpool Clinical Laboratories | COVID-19 Genomics UK (COG-UK) Consortium | Haldenby | United Kingdom

> | Spike | hCoV-19/USA/OR-OHSU-1865/2020 | 2020-07-27 | EPI_ISL_526052 | Original | hCoV-19
> | Oregon | Human | OHSU Lab Services Molecular Microbiology Lab | Oregon SARS-CoV-2 Genome Sequencing Center | O'Roak | USA

> | Spike | hCoV-19/England/MILK-99C56B/2020 | 2020-08-30 | EPI_ISL_550761 | Original | hCoV-19
> | England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> | Spike | hCoV-19/Denmark/DCGC-22405/2020 | 2020-12-14 | EPI_ISL_757545 | Original | hCoV-19
> | Denmark | Human | Department of Virus and Microbiological Special Diagnostics | Albertsen Lab | Maichelsen | Denmark

> | Spike | hCoV-19/USA/VA-DCLS-0179/2020 | 2020-04-06 | EPI_ISL_437395 | Original | hCoV-19
> | Virginia | Human | Virginia DCLS | Virginia DCLS | St. Jacques | USA

> | Spike | hCoV-19/USA/WI-WSLH-200063/2020 | 2020-04-24 | EPI_ISL_471228 | Original | hCoV-19
> | Wisconsin | Human | Wisconsin State Laboratory of Hygiene Communicable Disease Division | Wisconsin State Laboratory of Hygiene Communicable Disease Division | Florek | USA

> | Spike | hCoV-19/USA/TX-HMH-5324/2020 | 2020-06-24 | EPI_ISL_544681 | Original | hCoV-19
> | Texas | Human | Houston Methodist Hospital | Houston Methodist Hospital | Long | USA

> | Spike | hCoV-19/Australia/VIC5924/2020 | 2020-07-21 | EPI_ISL_518703 | Original | hCoV-19
> | Victoria | Human | Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) | MDU-PHL | Schultz | Australia

> | Spike | hCoV-19/USA/WA-UW-4329/2020 | 2020-03-29 | EPI_ISL_427264 | Original | hCoV-19
> | Washington | Human | UW Virology Lab | UW Virology Lab | Roychoudhury | USA

> | Spike | hCoV-19/USA/WI-WU-2342/2020 | 2020-11-18 | EPI_ISL_728108 | Original | hCoV-19
> | Wisconsin | Human | University of Wisconsin-Madison AIDS Vaccine Research Laboratories | University of Wisconsin-Madison AIDS Vaccine Research Laboratories | Baczewska | USA

> | Spike | hCoV-19/Sweden/20-52894/2020 | 2020-09-16 | EPI_ISL_766592 | Original | hCoV-19
> | Stockholm | Human | Klinisk mikrobiologi | The Public Health Agency of Sweden | Svartstr.\u00f6n | Sweden

> | Spike | hCoV-19/USA/CA-CZB-13504/2020 | 2020-10-28 | EPI_ISL_672518 | Original | hCoV-19
> | California | Human | Madera County Department of Public Health | Chan-Zuckerberg Biohub | Bhatt | USA

> | Spike | hCoV-19/USA/LA-GBCL-26674731/2020 | 2020-04-09 | EPI_ISL_485898 | Original | hCoV-19
> | Louisiana | Human | River Road Testing Lab | Ginkgo Bioworks Clinical Laboratory | Smith | USA

> | Spike | hCoV-19/France/PAC-IHU-1448/2020 | 2020-08-10 | EPI_ISL_569171 | Original | hCoV-19
> | Provence-Alpes-C\u00f4te-d\u00e9u2019Azur | Human | MEPIH | MEPIH | Levasseur | France

> | Spike | hCoV-19/USA/TX-HMH-MCoV-19354/2020 | 2020-11-27 | EPI_ISL_783785 | Original | hCoV-19
> | Texas | Human | Houston Methodist Hospital | Houston Methodist Hospital | Long | USA

> | Spike | hCoV-19/England/ALDP-BB9C16/2020 | 2020-11-21 | EPI_ISL_702459 | Original | hCoV-19
> | England | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom

> | Spike | hCoV-19/Wales/PHWC-47D495/2020 | 2020-10-09 | EPI_ISL_586148 | Original | hCoV-19
> | Wales | Human | Wales Specialist Virology Centre Sequencing lab | COVID-19 Genomics UK (COG-UK) Consortium | Moore | United Kingdom

> | Spike | hCoV-19/England/BRTS-12630A/2020 | 2020-04-10 | EPI_ISL_458926 | Original | hCoV-19
> | England | Human | PHE South West Regional Laboratory | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> | Spike | hCoV-19/Wales/PHWC-36C3A/2020 | 2020-05-02 | EPI_ISL_474780 | Original | hCoV-19
> | Wales | Human | Originating lab | COVID-19 Genomics UK (COG-UK) Consortium | Moore | United Kingdom
>Spike|hCoV-19/England/LIVE-A1D37/2020|2020-06-15|EPI_ISL_490366|Original|hCoV-19
>England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spitk|hCoV-19/USA/AZ-T648774/2020|2020-04-12|EPI_ISL_695944|Original|hCoV-19
>Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spitk|hCoV-19/England/BRIS-127CB3/2020|2020-04-18|EPI_ISL_469656|Original|hCoV-19
>England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spitk|hCoV-19/Denmark/DGCC-16743/2020|2020-06-15|EPI_ISL_714218|Original|hCoV-19
>Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spitk|hCoV-19/USA/NY-NYCPHL-001117/2020|2020-10-21|EPI_ISL_671700|Original|hCoV-19
>“New York|Human|DOHMH Corona|New York City Public Health Laboratory|Wang|USA

>Spitk|hCoV-19/USA/CA-CZB-13763/2020|2020-09-17|EPI_ISL_738554|Original|hCoV-19
>California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spitk|hCoV-19/England/MILK-A05B2E/2020|2020-09-30|EPI_ISL_599898|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spitk|hCoV-19/Australia/VIC14366/2020|2020-08-23|EPI_ISL_591807|Original|hCoV-19
>Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spitk|hCoV-19/USA/TX-HMH-MoCoV-16278/2020|2020-10-30|EPI_ISL_785962|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spitk|hCoV-19/England/CAMB-7F682/2020|2020-04-08|EPI_ISL_470464|Original|hCoV-19
>England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spitk|hCoV-19/England/QEUH-96257D/2020|2020-08-10|EPI_ISL_531612|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spitk|hCoV-19/USA/TX-HMH-MoCoV-9401/2020|2020-07-03|EPI_ISL_781099|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spitk|hCoV-19/USA/TX-HMH-5338/2020|2020-06-24|EPI_ISL_546949|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spitk|hCoV-19/Wales/PWRC-3218A/2020|2020-04-14|EPI_ISL_466612|Original|hCoV-19
>Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spitk|hCoV-19/Australia/VIC2335/2020|2020-06-24|EPI_ISL_522056|Original|hCoV-19
>Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spitk|hCoV-19/Belgium/rega-09151217/2020|2020-09-15|EPI_ISL_734935|Original|hCoV-19
>Wezembeek-Oppem|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spitk|hCoV-19/Scotland/QEUH-9DA9CF/2020|2020-09-22|EPI_ISL_575346|Original|hCoV-19
>Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spitk|hCoV-19/USA/TX-HMH-6370/2020|2020-07-07|EPI_ISL_547424|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spitk|hCoV-19/England/MILK-956F05/2020|2020-06-09|EPI_ISL_554180|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spitk|hCoV-19/England/201120015/2020|2020-03-09|EPI_ISL_464664|Original|hCoV-19
>England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spitk|hCoV-19/USA/VA-DCLS-1468/2020|2020-08-21|EPI_ISL_572207|Original|hCoV-19
>Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacobs|USA

>Spitk|hCoV-19/Scotland/EDB1242/2020|2020-04-09|EPI_ISL_491662|Original|hCoV-19
>Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spitk|hCoV-19/Wales/PWRC-4933BA/2020|2020-11-28|EPI_ISL_725878|Original|hCoV-19
>Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Australia/VIC14037/2020|2020-08-23|EPI_ISL_563940|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/MI-MDHHS-SC20998/2020|2020-06-04|EPI_ISL_507784|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/USA/ID-UW-1925/2020|2020-03-20|EPI_ISL_424321|Original|hCoV-19^^Idaho|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/England/MILK-B3C8DB/2020|2020-11-01|EPI_ISL_706167|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Canada/ON-S798/2020|2020-04-00|EPI_ISL_591232|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
>Spike|hCoV-19/England(ALDP-5B81B4)/2020|2020-06-19|EPI_ISL_558866|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/EDB5876/2020|2020-04-29|EPI_ISL_487651|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/204690872/2020|2020-11-13|EPI_ISL_686588|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spike|hCoV-19/England(ALDP-ABD2E4)/2020|2020-10-04|EPI_ISL_631127|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/CA-CSMC99/2020|2020-03-22|EPI_ISL_475716|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA
>Spike|hCoV-19/Portugal/PT1498/2020|2020-03-30|EPI_ISL_511457|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal
>Spike|hCoV-19/USA/WA-S2012/2020|2020-06-04|EPI_ISL_497440|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spike|hCoV-19/Canada/QC-LSPQ-L00236536/2020|2020-03-24|EPI_ISL_536134|Original|hCoV-19^^Quebec|Human|Centre Hospitalier RueD0e8gional de Lanaudau |\u00e9|Sant\u00e9|Laboratoire de sant\u00e9|Moreira|Canada
>Spike|hCoV-19/England(ALDP-9EBC89)/2020|2020-09-24|EPI_ISL_637387|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike|hCoV-19/USA/VA-CDC-8752/2020|2020-04-02|EPI_ISL_576174|Original|hCoV-19^^Virginia|Human|VA-Division of Consolidated Laboratory Services|Pathogen Discovery|Queen|USA
> Spike\hCoV-19/Luxembourg/LNS0375541/2020|2020-11-22|EPI_ISL_739764|Original|hCoV-19^\Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Balaczchino|Luxembourg
> Spike\hCoV-19/England/CAMB-79257/2020|2020-04-03|EPI_ISL_441067|Original|hCoV-19^\England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
> Spike\hCoV-19/Saudi Arabia/KAUST-Jeddah61/2020|2020-03-30|EPI_ISL_437754|Original|hCoV-19^\Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia
> Spike\hCoV-19/Japan/PG-6399/2020|2020-08-00|EPI_ISL_689505|Original|hCoV-19^\Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Tokyo|Japan
> Spike\hCoV-19/England/MILK-B8D343/2020|2020-11-13|EPI_ISL_674024|Original|hCoV-19^\England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike\hCoV-19/USA/FI-BPHL-0533/2020|2020-06-19|EPI_ISL_508736|Original|hCoV-19^\Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
> Spike\hCoV-19/Ireland/MO-NVRL-20204451/2020|2020-04-14|EPI_ISL_671369|Original|hCoV-19^\Mayo|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Tegasc Moorepark|Walsh|Ireland
> Spike\hCoV-19/Wales/PHWC-36292/2020|2020-04-29|EPI_ISL_474644|Original|hCoV-19^\Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike\hCoV-19/South Africa/KRISP-0155/2020|2020-06-01|EPI_ISL_467505|Original|hCoV-19^\KwaZulu-Natal|Human|Molecular Diagnostics Services (MDS)|KRISP|de Oliveira|South Africa
> Spike\hCoV-19/England/ALDP-521F9E/2020|2020-06-02|EPI_ISL_558988|Original|hCoV-19^\England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike\hCoV-19/Scotland/EDB041/2020|2020-03-12|EPI_ISL_425846|Original|hCoV-19^\Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
> Spike\hCoV-19/USA/TX-HMH-4418/2020|2020-06-17|EPI_ISL_543604|Original|hCoV-19^\Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike\hCoV-19/Japan/DP0294/2020|2020-02-16|EPI_ISL_416592|Original|hCoV-19^\Japan|Human|Japanese Quarantine Stations|Pathogen Genomics Center|Tokyo|Japan
> Spike\hCoV-19/England/QEUH-AF662F/2020|2020-10-30|EPI_ISL_663094|Original|hCoV-19^\England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike\hCoV-19/Germany/HH-hpi-p2054/2020|2020-03-21|EPI_ISL_776342|Original|hCoV-19^\Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robjetaille|Germany
> Spike\hCoV-19/Netherlands/ZH-EMC-543/2020|2020-09-16|EPI_ISL_577971|Original|hCoV-19^\Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
> Spike\hCoV-19/England/NORT-1B62B58/2020|2020-11-28|EPI_ISL_702520|Original|hCoV-19^\England|Human|Northumbria University |South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
> Spike\hCoV-19/Canada/QC-LSPQ-L00227376/2020|2020-03-18|EPI_ISL_535860|Original|hCoV-19^\Quebec|Human|Hospital Sainte-Enfant|Laboratoire de sant\u00e9|Pquette du Qu\u00e9bec|Moreira|Canada
> Spike\hCoV-19/Sweden/20-08112/2020|2020-03-09|EPI_ISL_454483|Original|hCoV-19^\Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svarstr\u00f6|Sweden
> Spike\hCoV-19/England/CAMB-7A71B/2020|2020-04-03|EPI_ISL_440563|Original|hCoV-19^\England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19|USA|NY-NYCPHL-000148/2020|2020-04-04|EPI_ISL_631639|Original|hCoV-19^New York|Human|OCME Office Of Chief Medical Examiner|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19|England|ALDP-BB8BFC/2020|2020-11-20|EPI_ISL_703031|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19|England|QEHH-B7D601/2020|2020-11-14|EPI_ISL_741877|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19|USA|WI-UW-1204/2020|2020-08-06|EPI_ISL_536577|Original|hCoV-19^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19|Spain|MD-ISCIII-2014822/2020|2020-08-26|EPI_ISL_691723|Original|hCoV-19^Madrid|Human|Hospital Clu00e9nico San Carlos|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19|England|CAMC-B09734/2020|2020-10-30|EPI_ISL_673170|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19|England|201340834/2020|2020-03-25|EPI_ISL_465813|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19|Finland|1cG10/2020|2020-10-31|EPI_ISL_732603|Original|hCoV-19^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19|Switzerland|GE-NRNC-7201/2020|2020-03-00|EPI_ISL_548186|Original|hCoV-19^Geneve|Human|Laboratoire de Virologie|Swiss National Reference Centre for Influenza|Conu00e7alves Cabecinhas|Switzerland

>Spike|hCoV-19|Denmark|DCGC-3842/2020|2020-08-31|EPI_ISL_622698|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19|Australia|WA340/2020|2020-05-28|EPI_ISL_596882|Original|hCoV-19^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19|England|CAMC-B219A9/2020|2020-11-02|EPI_ISL_647325|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19|Hungary|UD-90279/2020|2020-10-04|EPI_ISL_671456|Original|hCoV-19^Borsod-Aba\u00faj|Zempl\u00e9n county|Human|University of Debrecen|National Laboratory of Virology|Kemenes|Hungary

>Spike|hCoV-19|USA|HI-H200363/2020|2020-09-29|EPI_ISL_752919|Original|hCoV-19^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19|England|CAMC-C46BD4/2020|2020-12-10|EPI_ISL_718897|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19|England|2019|2020-08-20|EPI_ISL_755252|Original|hCoV-19^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19|England|ALDP-959E41/2020|2020-06-13|EPI_ISL_554861|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|Spain|RI-IBV-99005861/2020|2020-03-05|EPI_ISL_537404|Original|hCoV-19^La Rioja|Human|Centro de Investigaci\u00f3n|Bio\u00ednica de La Rioja - Hospital San Pedro Logro\u00f3\u00f1o|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19|Brazil|RS-6232/2020|2020-05-28|EPI_ISL_729840|Original|hCoV-19^Rio Grande do Sul|Human|Laboratorio Central de Saude Publica do Estado do Rio Grande do Sul (LACEN-RS)|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19|England|NORW-EE3C3/2020|2020-04-24|EPI_ISL_490535|Original|hCoV-19^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/Netherlands/ZH-EMC-262/2020|2020-03-27|EPI_ISL_523604|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Japan/PG-2883/2020|2020-04-00|EPI_ISL_691009|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan

>Spoke|hCoV-19/USA/WA-UI-12333/2020|2020-06-27|EPI_ISL_570505|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spoke|hCoV-19/Israel/CVL-45514/2020|2020-12-07|EPI_ISL_745043|Original|hCoV-19^^Jerusalem|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spoke|hCoV-19/Portugal/PT0578/2020|2020-03-24|EPI_ISL_454301|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spoke|hCoV-19/Brazil/RS-00632/2020|2020-11-25|EPI_ISL_770580|Original|hCoV-19^^Rio Grande do Sul|Human|Laborat\u00f3rio de Microbiologia Molecular - Universidade FEEVALE|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spoke|hCoV-19/England/NORT-28988D/2020|2020-04-01|EPI ISL_458637|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19/Scotland/QEUH-9DEC0E/2020|2020-09-21|EPI_ISL_585503|Original|hCoV-19^^Scotland|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spoke|hCoV-19/England/ALDP-C392C0/2020|2020-12-09|EPI_ISL_731399|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spoke|hCoV-19/USA/MD-MDH-0442/2020|2020-11-10|EPI ISL_666809|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spoke|hCoV-19/USA/OR-OHSU-2421/2020|2020-08-14|EPI_ISL_667202|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spoke|hCoV-19/Spain/PV-IBV-000736/2020|2020-03-07|EPI_ISL_452744|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitòria-Gasteiz, |SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spoke|hCoV-19/England/QEUH-B143D8/2020|2020-11-03|EPI ISL_642630|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19/England/BRIS-125620/2020|2020-03-28|EPI_ISL_443906|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spoke|hCoV-19/Netherlands/GE-EMC-395/2020|2020-10-28|EPI_ISL_722560|Original|hCoV-19^^Nederland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spoke|hCoV-19/England/MILK-97065B/2020|2020-08-18|EPI ISL_553077|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19/Spain/VC-FISABIO-12-2020|2020-03-09|EPI_ISL_419676|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia\u00eda. Consorcio Hospital General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spoke|hCoV-19/England/QEUH-BA05AE/2020|2020-11-18|EPI_ISL_719799|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spoke|hCoV-19/USA/MI-MDHHS-SC22443/2020|2020-11-08|EPI ISL_708534|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spoke|hCoV-19/England/PORT-2CF627/2020|2020-05-10|EPI ISL_461970|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike|hCoV-19/Wales/PHWC-1660CB/2020|2020-06-15|EPI_ISL_490834|Original|hCoV-19

^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

^Portugal|Human|Instituto Nacional de Saude (INSa)|Instituto Nacional de Saude (INSa)|Borges|Portugal

^France|OCc-15|2020-04-08|EPI_ISL_434630|Original|hCoV-19

^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

^India|OR-RMRC155|2020-05-07|EPI_ISL_455756|Original|hCoV-19

^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Mchugh|United Kingdom

^England|CAMB-7567D|2020-03-16|EPI_ISL_425420|Original|hCoV-19

^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albersen Lab|Michaelsen|Denmark

^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

^USA|TX-HMH-MCoV-8855|2020-07-02|EPI_ISL_780798|Original|hCoV-19

^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

^Belgium|ULG-10809|2020-11-17|EPI_ISL_661211|Original|hCoV-19

^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

^USA|CA-ALSR-3595|2020-06-25|EPI_ISL_636101|Original|hCoV-19

^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

^England|20139002404|2020-03-27|EPI_ISL_423338|Original|hCoV-19

^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

^France|HDF-1813|2020-03-02|EPI_ISL_418221|Original|hCoV-19

^Hauts-de-France|Human|Centre Hospitalier Comp\u00e9|\u00e8te|\u00e9cole Nationale de Biologie|National Reference Center for Viruses of Respiratory Infections|Enouf|France

^Japan|PG-2345|2020-05-00|EPI_ISL_685950|Original|hCoV-19

^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

^Japan|PG-5974|2020-08-00|EPI_ISL_689089|Original|hCoV-19

^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

^South Africa|R10518|2020-06-09|EPI_ISL_490283|Original|hCoV-19

^Gauteng|Human|National Institute for Communicable Diseases of the National Health
Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

Spike|hCoV-19|Netherlands/NH-EMC-87/2020|2020-09-02|EPI_ISL_632415|Original|hCoV-19^^Noord Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

Spike|hCoV-19|India/FG-CCMB-AB430/2020|2020-08-14|EPI_ISL_539768|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

Spike|hCoV-19|Australia/VIC4621/2020|2020-07-09|EPI_ISL_519017|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL

Spike|hCoV-19|England/Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium

Spike|hCoV-19|England/ALDP-97C929/2020|2020-07-16|EPI_ISL_526304|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Amato|United Kingdom

Spike|hCoV-19|USA/NY-Wadsworth-291999-01/2020|2020-12-20|EPI_ISL_767598|Original|hCoV-19^^New York|Human|WHITE PLAINS HOSPITAL CENTER LABORATORY|Wadsworth Center|Lasek-Nesselquist|USA

Spike|hCoV-19|France/SC384/2020|2020-03-16|EPI_ISL_660356|Original|hCoV-19^^Auvergne-Rh\ls 00f4ne-Alpes|Human|CHU Clermont-Ferrand|CNR Virus des Infections Respiratoires—France|France

Spike|hCoV-19|England/ALDP-97C929/2020|2020-07-16|EPI_ISL_526304|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium

Spike|hCoV-19|South Africa/NHLS-UCT-GP-5482/2020|2020-05-06|EPI_ISL_700503|Original|hCoV-19^^Western Cape|Human|Guguletu CHC

Spike|hCoV-19|Wales/PHWC-48766/2020|2020-10-27|EPI_ISL_639279|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19|England/ALDP-97C929/2020|2020-07-16|EPI_ISL_526304|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium

Spike|hCoV-19|France/SC384/2020|2020-03-16|EPI_ISL_660356|Original|hCoV-19^^Auvergne-Rh\ls 00f4ne-Alpes|Human|CHU Clermont-Ferrand|CNR Virus des Infections Respiratoires—France|France

Spike|hCoV-19|England/ALDP-AB49D2/2020|2020-10-18|EPI_ISL_610525|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Iceland/74/2020|2020-03-09|EPI_ISL_417701|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\ls 00f3nsson|Iceland

Spike|hCoV-19|England/ALDP-B75566/2020|2020-11-12|EPI_ISL_662207|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19|USA/TX-HMH-184/2020|2020-04-18|EPI_ISL_542878|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital

Spike|hCoV-19|England/ALDP-97C929/2020|2020-07-16|EPI_ISL_526304|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Amato|United Kingdom
> Spike|hCoV-19|England|QEUH-B80911|2020|2020-11-14|EPI ISL 674662|Original|hCoV-19
> ^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> > Spike|hCoV-19|USA/TX-HMH-MCoV-9558|2020|2020-07-07|EPI ISL 780157|Original|hCoV-19
> ^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> > Spike|hCoV-19|England|QEUH-9DEE35|2020|2020-09-21|EPI ISL 584829|Original|hCoV-19
> ^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
> > Spike|hCoV-19|England/MILK-9C347D|2020|2020-09-10|EPI ISL 566790|Original|hCoV-19
> ^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> > Spike|hCoV-19|Scotland/QEUH-9DD504|2020|2020-09-22|EPI ISL 599658|Original|hCoV-19
> ^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> > Spike|hCoV-19|England/CAMC-AEA925|2020|2020-10-26|EPI ISL 633186|Original|hCoV-19
> ^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> > Spike|hCoV-19|England/QEUH-98F501|2020|2020-08-24|EPI ISL 540417|Original|hCoV-19
> ^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> > Spike|hCoV-19|England/LIVE-A66DD|2020|2020-03-19|EPI ISL 499732|Original|hCoV-19
> ^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
> > Spike|hCoV-19|England/QEUH-969B38|2020|2020-08-12|EPI ISL 531185|Original|hCoV-19
> ^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> > Spike|hCoV-19|Canada/QC_AZ1|2020|2020-04-12|EPI ISL 463958|Original|hCoV-19
> ^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada
> > Spike|hCoV-19|England/QEUH-AAA44D|2020|2020-10-20|EPI ISL 652756|Original|hCoV-19
> ^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
> > Spike|hCoV-19|Spain/VC-IBV-98003112|2020|2020-03-15|EPI ISL 538048|Original|hCoV-19
> ^Comunitat Valenciana|Human|Hospital Universitari i Polit\u00e8cnic La Fe de Valencia|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain
> > Spike|hCoV-19|England/MILK-B94D0F|2020|2020-11-14|EPI ISL 676038|Original|hCoV-19
> ^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> > Spike|hCoV-19|England/204291435|2020|2020-10-09|EPI ISL 622872|Original|hCoV-19
> ^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
> > Spike|hCoV-19|Scotland/GCVR-170064|2020|2020-03-24|EPI ISL 459541|Original|hCoV-19
> ^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> > Spike|hCoV-19|England/ALDP-B83741|2020|2020-11-14|EPI ISL 675288|Original|hCoV-19
> ^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> > Spike|hCoV-19|England/2018/67000831|2020|2020-12-16|EPI ISL 762958|Original|hCoV-19
> ^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> > Spike|hCoV-19|USA/Ca-C2B-1652|2020|2020-04-18|EPI ISL 468596|Original|hCoV-19
> ^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|McGeever|USA
> > Spike|hCoV-19|USA/NJ-NYUMC378|2020|2020-04-10|EPI ISL 430405|Original|hCoV-19
> ^New Jersey|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
> > Spike|hCoV-19|USA/VA-DCLS-1381|2020|2020-07-07|EPI ISL 572226|Original|hCoV-19
> ^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
> > Spike|hCoV-19|Switzerland/ZH-BTHZ-160020|2020|2020-06-15|EPI ISL 486513|Original|hCoV-19
> ^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/USA/TX-HMH-MCoV-19825/2020|2020-11-24|EPI_ISL_784153|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spitc|hCoV-19/Denmark/DGCC-17464/2020|2020-12-14|EPI_ISL_750999|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spitc|hCoV-19/USA/NY-NYUMC825/2020|2020-03-27|EPI_ISL_456061|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
>Spitc|hCoV-19/USA/SC_NHRC_02/2020|2020-03-27|EPI_ISL_444996|Original|hCoV-19^^South Carolina|Human|Naval Health Research Center|Naval Medical Research Center Biological Defense Research Directorate|Voegtly|USA
>Spitc|hCoV-19/USA/ Arizona|PG-3784/2020|2020-04-00|EPI_ISL_692035|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA
>Spitc|hCoV-19/USA/Scotland/EDB4621/2020|2020-05-06|EPI_ISL_449313|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spitc|hCoV-19/USA/ Texas-HMH-6510/2020|2020-06-27|EPI_ISL_546047|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spitc|hCoV-19/USA/ Texas-HMH-MCoV-18456/2020|2020-11-19|EPI_ISL_784804|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spitc|hCoV-19/England/LEED-2AA015/2020|2020-04-08|EPI_ISL_538756|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spitc|hCoV-19/Australia/QLD1159/2020|2020-03-31|EPI_ISL_641309|Original|hCoV-19^^Australia|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
>Spitc|hCoV-19/Denmark/DGCC-18481/2020|2020-12-07|EPI_ISL_749241|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spitc|hCoV-19/Denmark/DGCC-12712/2020|2020-11-16|EPI_ISL_682893|Original|hCoV-19^^Sjaelland|Human|Division of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spitc|hCoV-19/Bahrain/340859209_S2/2020|2020-10-14|EPI_ISL_632272|Original|hCoV-19^^Bahrain|Human|Communicable Disease Laboratory|Communicable Disease Laboratory|Altaif|Bahrain
>Spitc|hCoV-19/South Korea/KCDC2710/2020|2020-07-08|EPI_ISL_522489|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea
>Spitc|hCoV-19/USA/CA-ALSR-1848/2020|2020-05-19|EPI_ISL_512207|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spitc|hCoV-19/England/NORW-E901C/2020|2020-04-24|EPI_ISL_453574|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spitc|hCoV-19/England/NORW-EC802/2020|2020-05-12|EPI_ISL_457565|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spitc|hCoV-19/USA/MD-CDC-2-3713985/2020|2020-11-22|EPI_ISL_751577|Original|hCoV-19^^Maryland|Human|NIH|MD DOH Laboratories Administration|Genomics and Discovery|Queen|USA
>Spitc|hCoV-19/Belgium/rega-12111332/2020|2020-12-11|EPI_ISL_738385|Original|hCoV-19^^Mol|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Spitc|hCoV-19/Netherlands/GE-EMC-302/2020|2020-09-19|EPI_ISL_577829|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/England/ALDP-A68901/2020|2020-10-10|EPI_ISL_608461|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/CT-Yale-212/2020|2020-03-30|EPI_ISL_463149|Original|hCoV-19|Connecticut|Human|Yale Clinical Virology Laboratory|Grubauer Lab - Yale School of Public Health|Grubauer|USA
>Spike|hCoV-19/England/CAMB-7F3D6/2020|2020-04-08|EPI_ISL_442985|Original|hCoV-19|England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/Japan/PG-8268/2020|2020-08-00|EPI_ISL_687367|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Wales/PHWC-34917/2020|2020-04-19|EPI_ISL_446994|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/USA/MI-MDHHS-SC22708/2020|2020-11-10|EPI_ISL_767357|Original|hCoV-19|Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Hemscheidt|USA
>Spike|hCoV-19/USA/CA-LACPHL-AC00006/2020|2020-09-17|EPI_ISL_707887|Original|hCoV-19|California|Human|Los Angeles County Public Health Laboratory|Los Angeles County Public Health Laboratory|Hemarajata|USA
>Spike|hCoV-19/England/CAMC-C46EF9/2020|2020-12-10|EPI_ISL_718815|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-B8540C/2020|2020-11-15|EPI_ISL_674479|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC9935/2020|2020-07-23|EPI_ISL_565786|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Canada/NS-NML-1253/2020|2020-04-06|EPI_ISL_579644|Original|hCoV-19|Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada
>Spike|hCoV-19/England/CAMC-B9A62C/2020|2020-11-15|EPI_ISL_673665|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/AZ-TG668391/2020|2020-05-13|EPI_ISL_696297|Original|hCoV-19|Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA
>Spike|hCoV-19/Wales/PHWC-35424/2020|2020-04-23|EPI_ISL_474441|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/QEUH-9F3429/2020|2020-09-24|EPI_ISL_588653|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HHH-4137/2020|2020-06-18|EPI_ISL_543401|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/NORT-28213E/2020|2020-03-25|EPI_ISL_488739|Original|hCoV-19|England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-485157/2020|2020-10-25|EPI_ISL_626876|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19|England|PORT-2D35D8/2020|2020-04-15|EPI_ISL_535038|Original|hCoV-19|England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19|Australia/VIC17392/2020|2020-08-18|EPI_ISL_663871|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19|Italy/ABR-IZSGC-TE13858/2020|2020-04-09|EPI_ISL_435152|Original|hCoV-19|Abruzzo|Human|Servizio di Igiene|Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise |Caporale|Italy

>Spike|hCoV-19|USA/ID-UW-7291/2020|2020-04-04|EPI_ISL_570186|Original|hCoV-19|Idaho|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19|England/ALDP-B749D4/2020|2020-11-12|EPI_ISL_662074|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19|England/CAMC-B32DC7/2020|2020-11-05|EPI_ISL_659468|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19|England/QEUH-BOE0AD/2020|2020-11-02|EPI_ISL_641954|Original|hCoV-19|Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19|England/ALDP-6634FA/2020|2020-07-02|EPI_ISL_555654|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|Russia/PRI-RII-MH768S/2020|2020-08-11|EPI_ISL_733013|Original|hCoV-19|Primorsky|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19|Australia/QLD963/2020|2020-03-31|EPI_ISL_530226|Original|hCoV-19|Queensland|Human|Queensland Health Forensic and Scientific Services|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19|England/QEUH-C31F2B/2020|2020-12-11|EPI_ISL_782541|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|USA/CT-Yale-257/2020|2020-04-01|EPI_ISL_469183|Original|hCoV-19|Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh|Yale|USA

>Spike|hCoV-19|Denmark/DGCC-6044/2020|2020-10-05|EPI_ISL_620238|Original|hCoV-19|Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelisen|Denmark

>Spike|hCoV-19|England/QEUH-794B09/2020|2020-07-15|EPI_ISL_533096|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|Australia/SAP565/2020|2020-11-16|EPI_ISL_654808|Original|hCoV-19|South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19|South Africa/KRISP-K003526/2020|2020-09-26|EPI_ISL_602844|Original|hCoV-19|KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19|USA/TX-HMH-MCoV-19761/2020|2020-11-28|EPI_ISL_784104|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19|Japan/IC-0132/2020|2020-07-00|EPI_ISL_667561|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
> Spike|hCoV-19|England/GL5199/2020|2020-09-24|EPI_ISL_587068|Original|hCoV-19|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
> Spike|hCoV-19|Japan/PG-8941/2020|2020-08-00|EPI_ISL_686487|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
> Spike|hCoV-19|England/NORT-284A5F/2020|2020-03-25|EPI_ISL_478576|Original|hCoV-19|England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
> Spike|hCoV-19|USA/CA-CDPH251/2020|2020-11-14|EPI_ISL_755089|Original|hCoV-19|California|Human|California Department of Public Health|California Department of Public Health|Bell|USA
> Spike|hCoV-19|England/CAMC-B23330/2020|2020-11-02|EPI_ISL_664431|Original|hCoV-19|England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
> Spike|hCoV-19|Canada/ON-PHL-20-01175/2020|2020-06-00|EPI_ISL_548797|Original|hCoV-19|Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada
> Spike|hCoV-19|New Zealand/20VR2488/2020|2020-00-00|EPI_ISL_579245|Original|hCoV-19|Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
> Spike|hCoV-19|England/ALDP-AA2640/2020|2020-10-22|EPI_ISL_630885|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Wales/PHWC-487577/2020|2020-10-30|EPI_ISL_639211|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19|Latvia/209/2020|2020-09-19|EPI_ISL_770045|Original|hCoV-19|Latvia|Human|Centr\u0101\u0101 Laboratorija|Latvian Biomedical Research and Study Centre|\u0160relovs|Latvia
> Spike|hCoV-19|England/QUEH-9AE9C4/2020|2020-09-05|EPI_ISL_577261|Original|hCoV-19|England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
> Spike|hCoV-19|England/MILK-B3E3AB/2020|2020-11-02|EPI_ISL_706273|Original|hCoV-19|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
> Spike|hCoV-19|USA/AZ-TG344353/2020|2020-05-30|EPI_ISL_694384|Original|hCoV-19|Arizona|Human|TGen North|TGen North|French|USA
> Spike|hCoV-19|England/MILK-A7DF16/2020|2020-10-13|EPI_ISL_606319|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Wales/PHWC-15C80C/2020|2020-04-19|EPI_ISL_472543|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19|England/CAMB-8183C/2020|2020-04-12|EPI_ISL_442528|Original|hCoV-19|England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
> Spike|hCoV-19|England/CAMB-78FD9/2020|2020-04-03|EPI_ISL_441798|Original|hCoV-19|England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
> Spike|hCoV-19|Germany/HH-hpi-p1929/2020|2020-03-26|EPI_ISL_776258|Original|hCoV-19|Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany
> Spike|hCoV-19|USA/TX-DSHS-0011/2020|2020-05-08|EPI_ISL_515257|Original|hCoV-19|Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
> Spike|hCoV-19|Scotland/EDB7810/2020|2020-09-22|EPI_ISL_572774|Original|hCoV-19|Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
Spike|hCoV-19/England/CAMC-B33F57/2020|2020-11-05|EPI_ISL_659376|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/United Arab Emirates/0751/2020|2020-05-15|EPI_ISL_698900|Original|hCoV-19|Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|United Arab Emirates
Spike|hCoV-19/Scotland/QEUH-984BB6/2020|2020-09-03|EPI_ISL_602055|Original|hCoV-19|Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/ALDP-72057D/2020|2020-07-01|EPI_ISL_557643|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/VA-DCLS-1190/2020|2020-06-22|EPI_ISL_572271|Original|hCoV-19|Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
Spike|hCoV-19/Denmark/DCGC-19541/2020|2020-12-07|EPI_ISL_748351|Original|hCoV-19|Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
Spike|hCoV-19/Japan/PG-6884/2020|2020-00-00|EPI_ISL_687992|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19/Wales/PHWC-30DE2/2020|2020-04-09|EPI_ISL_446361|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
Spike|hCoV-19/Scotland/QEUH-96CD7B/2020|2020-08-21|EPI_ISL_534529|Original|hCoV-19|Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Japan/IC-0597/2021|2021-01-00|EPI_ISL_779683|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19/Australia/VIC5985/2020|2020-07-21|EPI_ISL_518760|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19/Spain/MD-IBV-003654/2020|2020-04-01|EPI_ISL_467247|Original|hCoV-19|Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1o|u00f1o|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
Spike|hCoV-19/New Zealand/20CV0497/2020|2020-10-25|EPI_ISL_622825|Original|hCoV-19|Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
Spike|hCoV-19/England/MILK-BAB646/2020|2020-11-18|EPI_ISL_681480|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/Kenya/C7584/2020|2020-05-16|EPI_ISL_568844|Original|hCoV-19|Kwale|Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya
Spike|hCoV-19/Singapore/658/2020|2020-04-14|EPI_ISL_493418|Original|hCoV-19|Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|MaK|Singapore
Spike|hCoV-19/England/SHEF-D02F4/2020|2020-06-04|EPI_ISL_479269|Original|hCoV-19|England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
Spike|hCoV-19/Northern Ireland/QEUH-95FAA1/2020|2020-08-06|EPI_ISL_532362|Original|hCoV-19|Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/MI-QDX-1148/2020|2020-03-23|EPI_ISL_571878|Original|hCoV-19|Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
Spike|hCoV-19/England/QEUH-ADZ24F2/2020|2020-10-25|EPI_ISL_629804|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/WA-UW-1698/2020|2020-03-20|EPI_ISL_424204|Original|hCoV-19|Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
Spike|hCoV-19|England|MILK-A7C0C9/2020|2020-10-15|EPI_ISL_606412|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|England|ALDP-BB3177/2020|2020-11-19|EPI_ISL_702986|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|USA/CA-QDX-2658/2020|2020-03-15|EPI_ISL_604911|Original|hCoV-19|California|Human|Quest Diagnostics|Kagan|USA

Spike|hCoV-19|USA/MI-MDHHS-SC22261/2020|2020-11-04|EPI_ISL_666927|Original|hCoV-19|Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

Spike|hCoV-19|England|MILK-99DDAE/2020|2020-08-31|EPI_ISL_550651|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|England|CAMC-A594E4/2020|2020-10-09|EPI_ISL_597188|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|England|QEUH-C3379A/2020|2020-12-11|EPI_ISL_734147|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Italy|ABR-AMVRC-TE7859/2020|2020-03-28|EPI_ISL_429236|Original|hCoV-19|Abruzzo|Human|Ospedale Civile S. Liberatore di Atri|Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise |G. Caporale\|Lorusso|Italy

Spike|hCoV-19|Wales|ALDP-A85616/2020|2020-10-17|EPI_ISL_625280|Original|hCoV-19|Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Wales|RM-155990/2020|2020-08-19|EPI_ISL_746665|Original|hCoV-19|Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

Spike|hCoV-19|Netherlands/NB-EMC-169/2020|2020-00-00|EPI_ISL_523292|Original|hCoV-19|Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

Spike|hCoV-19|Wales|ALDP-A6836D/2020|2020-10-09|EPI_ISL_608690|Original|hCoV-19|Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Switzerland/BL-UHB-42186266/2020|2020-03-11|EPI_ISL_528000|Original|hCoV-19|Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

Spike|hCoV-19|Wales|PHWC-163116/2020|2020-05-29|EPI_ISL_473249|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19|Pakistan/JRCGR-KH103/2020|2020-06-03|EPI_ISL_779268|Original|hCoV-19|Karachi|Human|Jamal-ur-Rahman Center for Genome Research|Jamal-ur-Rahman Center for Genome Research|Shakel|Pakistan

Spike|hCoV-19|Wales|PHWC-1643E3C/2020|2020-06-06|EPI_ISL_479387|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19|USA/WI-UW-2032/2020|2020-10-01|EPI_ISL_677438|Original|hCoV-19|Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
null
Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/USA/UT-UPHL-201118801/2020|2020-05-12|EPI_ISL_6286969|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

> Spike|hCoV-19/Canada/ON-SK-20H-328MM0929/2020|2020-11-24|EPI_ISL_791499|Original|hCoV-19^^Ontario|Human|The Hospital for Sick Children|The Hospital for Sick Children|Lau|Canada

> Spike|hCoV-19/USA/CA-CZB-4064/2020|2020-08-04|EPI_ISL_548653|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

> Spike|hCoV-19/France/ARA-06678/2020|2020-03-07|EPI ISL_416757|Original|hCoV-19^^Auvergne-Rhône-Alpes|Human|Centre Hospitalier de Bourg en Bresse|CNR Virus des Infections Respiratoires - France Sud|Josset|France

> Spike|hCoV-19/Japan/PG-6309/2020|2020-08-00|EPI ISL_689420|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

> Spike|hCoV-19/Denmark/DGCC-10643/2020|2020-11-02|EPI ISL_670110|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

> Spike|hCoV-19/Northern Ireland/NIRE-106CD8/2020|2020-05-19|EPI ISL_501068|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/USA/WA-UW-22438/2020|2020-08-05|EPI ISL_576407|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

> Spike|hCoV-19/Hong Kong/KHU-200723-097/2020|2020-03-18|EPI ISL_497864|Original|hCoV-19^^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China

> Spike|hCoV-19/USA/LA-SR0298/2020|2020-04-08|EPI ISL_445153|Original|hCoV-19^^Louisiana|Human|Robert Garry lab|Andersen lab at Scripps Research|Gangavarapu|USA

> Spike|hCoV-19/USA/NY-NYCPHL-000173/2020|2020-04-11|EPI ISL_631709|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

> Spike|hCoV-19/Thailand/Bangkok-CONI-0155/2020|2020-03-16|EPI ISL_455948|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

> Spike|hCoV-19/Wales/PHWC-492658/2020|2020-11-23|EPI ISL_725678|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/England/MILK-9E237B/2020|2020-09-21|EPI ISL_581113|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/USA/NY-PV09177/2020|2020-03-19|EPI ISL_422536|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

> Spike|hCoV-19/Australia/VIC16243/2020|2020-09-07|EPI ISL_640665|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

> Spike|hCoV-19/England/20116132/2020|2020-03-12|EPI ISL_464864|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

> Spike|hCoV-19/Australia/VIC4217/2020|2020-00-00|EPI ISL_519545|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

> Spike|hCoV-19/Denmark/DGCC-3759/2020|2020-04-20|EPI ISL_622653|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

> Spike|hCoV-19/England/ALDP-B852B7/2020|2020-11-15|EPI ISL_675543|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/England/ALDP-92C68B/2020|2020-06-22|EPI ISL_552898|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-49D59C/2020|2020-12-11|EPI_ISL_742802|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik|hCoV-19/DRC/6227/2020|2020-05-09|EPI_ISL_514121|Original|hCoV-19^^DRC|Human|Clinical Research and Epidemiology Unit|National Public Health Institute|African Union|Democratic Republic of the Congo
>Spik|hCoV-19/England/SHEF-10D7A10/2020|2020-11-28|EPI_ISL_702842|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spik|hCoV-19/England/QEUH-AE3160/2020|2020-10-27|EPI_ISL_635130|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/ALDP-950EOE/2020|2020-06-14|EPI_ISL_554464|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/South Africa/KRISP-K002416/2020|2020-07-30|EPI_ISL_515778|Original|hCoV-19^^South Africa|Human|KwaZulu-Natal|National Institute of Communicable Diseases|South Africa
>Spik|hCoV-19/England/QEUH-BCDA15/2020|2020-11-26|EPI_ISL_704550|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/England/BRIS-1853PCA/2020|2020-04-27|EPI_ISL_492433|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/NOTT-1117F7/2020|2020-05-21|EPI_ISL_461927|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spik|hCoV-19/Denmark/DGCC-6454/2020|2020-10-12|EPI_ISL_620354|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spik|hCoV-19/Spain/CT-IBV-97009556/2020|2020-07-18|EPI_ISL_671853|Original|hCoV-19^^Spain|Human|Servicio de Microbiologia|u00eda|SegCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>Spik|hCoV-19/Scotland/QEUH-9CE797/2020|2020-09-17|EPI_ISL_601878|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/MILK-A7C2D2/2020|2020-10-15|EPI_ISL_606333|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/MILK-A7DA33/2020|2020-10-16|EPI_ISL_638462|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spik|hCoV-19/England/QEUH-95EE88/2020|2020-08-05|EPI_ISL_532443|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Scotland/ROSV_3194/2020|2020-04-19|EPI_ISL_491066|Original|hCoV-19^^Scotland|Human|Suceava County Emergency Hospital|\Stefan cel Mare\ University Metagenomics Lab|Lobiuc|Romania
>Spik|hCoV-19/Vietnam/40188/2020|2020-07-06|EPI_ISL_759881|Original|hCoV-19^^Vietnam|Human|National Public Health Laboratory|National Influenza Center|Vietnam
>Spik|hCoV-19/England/MILK-B390A9/2020|2020-11-02|EPI_ISL_652293|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spik|hCoV-19/USA/UT-UPHL-201117447/2020|2020-04-09|EPI_ISL_623204|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|United States
>Spik|hCoV-19/England/PF-6324/2020|2020-07-06|EPI_ISL_689435|Original|hCoV-19^^England|Human|Pathogen Genomics Center|Pathogen Genomics Center|Ung|United Kingdom
>Spik|hCoV-19/Scotland/EDB6736/2020|2020-04-13|EPI_ISL_491563|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
| Country | Region | Laboratory | Originating Lab | Accession | Virus Type | Contact Info |
|---------|--------|------------|----------------|-----------|-----------|--------------|
| England | England | Human Respiratory Virus Unit | England | EPI_ISL_627582 | Original | hCoV-19 |
| Australia | Victoria | Human Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) | Australia | EPI_ISL_562760 | Original | hCoV-19 |
| Texas | Human | Lighthouse Lab in Milton Keynes | England | EPI_ISL_788194 | Original | hCoV-19 |
| Singapore | Human | Lighthouse Lab in Milton Keynes | England | EPI_ISL_443229 | Original | hCoV-19 |
| New York | Human | Lighthouse Lab in Glasgow | England | EPI_ISL_543646 | Original | hCoV-19 |
| Queensland | Human | Queensland Health Forensic and Scientific Services | Australia | EPI_ISL_690428 | Original | hCoV-19 |
| Mexico | Human | Institute of Infectology | Mexico | EPI_ISL_779183 | Original | hCoV-19 |
| Japan | Human | Pathogen Genomics Center | Japan | EPI_ISL_690428 | Original | hCoV-19 |
| New York | Human | Wadsworth Center | USA | EPI_ISL_754593 | Original | hCoV-19 |
| Scotland | Human | West of Scotland Specialist Virology Centre | Scotland | EPI_ISL_535175 | Original | hCoV-19 |
| New York | Human | Wadsworth Center | USA | EPI_ISL_754593 | Original | hCoV-19 |
| Scotland | Human | Lighthouse Lab in Milton Keynes | England | EPI_ISL_530238 | Original | hCoV-19 |
| Queensland | Human | Queensland Health Forensic and Scientific Services | Australia | EPI_ISL_530238 | Original | hCoV-19 |
| Mexico | Human | Institute of Infectology | Mexico | EPI_ISL_779183 | Original | hCoV-19 |
| Japan | Human | Pathogen Genomics Center | Japan | EPI_ISL_690428 | Original | hCoV-19 |
| New York | Human | Wadsworth Center | USA | EPI_ISL_754593 | Original | hCoV-19 |
| Scotland | Human | West of Scotland Specialist Virology Centre | Scotland | EPI_ISL_535175 | Original | hCoV-19 |
| Queensland | Human | Queensland Health Forensic and Scientific Services | Australia | EPI_ISL_530238 | Original | hCoV-19 |
| Mexico | Human | Institute of Infectology | Mexico | EPI_ISL_779183 | Original | hCoV-19 |
| Japan | Human | Pathogen Genomics Center | Japan | EPI_ISL_690428 | Original | hCoV-19 |
| New York | Human | Wadsworth Center | USA | EPI_ISL_754593 | Original | hCoV-19 |
| Scotland | Human | West of Scotland Specialist Virology Centre | Scotland | EPI_ISL_535175 | Original | hCoV-19 |
| Queensland | Human | Queensland Health Forensic and Scientific Services | Australia | EPI_ISL_530238 | Original | hCoV-19 |
| Mexico | Human | Institute of Infectology | Mexico | EPI_ISL_779183 | Original | hCoV-19 |
| Japan | Human | Pathogen Genomics Center | Japan | EPI_ISL_690428 | Original | hCoV-19 |
| New York | Human | Wadsworth Center | USA | EPI_ISL_754593 | Original | hCoV-19 |
| Scotland | Human | West of Scotland Specialist Virology Centre | Scotland | EPI_ISL_535175 | Original | hCoV-19 |
| Queensland | Human | Queensland Health Forensic and Scientific Services | Australia | EPI_ISL_530238 | Original | hCoV-19 |
| Mexico | Human | Institute of Infectology | Mexico | EPI_ISL_779183 | Original | hCoV-19 |
| Japan | Human | Pathogen Genomics Center | Japan | EPI_ISL_690428 | Original | hCoV-19 |
| New York | Human | Wadsworth Center | USA | EPI_ISL_754593 | Original | hCoV-19 |
| Scotland | Human | West of Scotland Specialist Virology Centre | Scotland | EPI_ISL_535175 | Original | hCoV-19 |
| Queensland | Human | Queensland Health Forensic and Scientific Services | Australia | EPI_ISL_530238 | Original | hCoV-19 |
| Mexico | Human | Institute of Infectology | Mexico | EPI_ISL_779183 | Original | hCoV-19 |
| Japan | Human | Pathogen Genomics Center | Japan | EPI_ISL_690428 | Original | hCoV-19 |
| New York | Human | Wadsworth Center | USA | EPI_ISL_754593 | Original | hCoV-19 |
| Scotland | Human | West of Scotland Specialist Virology Centre | Scotland | EPI_ISL_535175 | Original | hCoV-19 |
| Queensland | Human | Queensland Health Forensic and Scientific Services | Australia | EPI_ISL_530238 | Original | hCoV-19 |
| Mexico | Human | Institute of Infectology | Mexico | EPI_ISL_779183 | Original | hCoV-19 |
| Japan | Human | Pathogen Genomics Center | Japan | EPI_ISL_690428 | Original | hCoV-19 |
| Location                          | Organization                  | Institute                              | Responsible Party               | Country    |
|----------------------------------|-------------------------------|----------------------------------------|----------------------------------|------------|
| England                          | Lighthouse Lab in Glasgow     | Wellcome Sanger Institute              | Davies                           | United Kingdom |
| Scotland                         | CVR4474                       | Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research | Robertson                       | United Kingdom |
| Scotland                         | Minnesota Department of Health| Minnesota Department of Health         | Martinez                         | USA        |
| Texas                            | Houston Methodist Hospital    | Houston Methodist Hospital              | Brown                            | USA        |
| Maryland                         | MD PHL                        | MD PHL                                 | Keller                           | USA        |
| Midtjylland                      | Department of Virus and Microbiological Special Diagnostics | Albertsen Lab                      | Michaelsen                       | Denmark    |
| England                          | PHC-369AC                     | Oxford Viromics                        | Moore                            | United Kingdom |
| England                          | QEUH                          | Oxford Viromics                        | Moore                            | United Kingdom |
| New Mexico                       | New Mexico Department of Health Scientific Laboratory | New Mexico Department of Health Scientific Laboratory | Johnson           | USA        |
| Texas                            | Houston Methodist Hospital    | Houston Methodist Hospital              | Long                             | USA        |
| England                          | QEUH                          | Oxford Viromics                        | Moore                            | United Kingdom |
| Norway                           | Department of Virus and Microbiological Special Diagnostics | Albertsen Lab                      | Michaelsen                       | Denmark    |
| Saudi Arabia                     | KAUST                         | Pathogen Genomics Lab                 | King Abdullah                    | Saudi Arabia |
| California                       | San Joaquin County Public Health Lab | San Joaquin County Public Health Lab | Chan-Zuckerberg                  | USA        |
| Denmark                          | DCGC                          | Oxford Viromics                        | Moore                            | United Kingdom |
| Michigan                         | Department of Virus and Microbiological Special Diagnostics | Albertsen Lab                      | Michaelsen                       | Denmark    |
| USA                              | MDH                           | Pathogen Genomics Lab                 | King Abdullah                    | USA        |
| California                       | CA-CZB                        | California                             | McGeever                         | USA        |
| Denmark                          | DCGC                          | Oxford Viromics                        | Moore                            | United Kingdom |
| California                       | VIC2363                       | California                             | McGeever                         | USA        |
| Australia                        | VIC2363                       | Australian Infectious Diseases Reference Laboratory (VIDRL) | Vezina                          | Australia  |
Spike|hCoV-19/USA/MA-MGH-00791/2020|2020-04-13|EPI_ISL_791767|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA
Spike|hCoV-19/USA/CA-CZB-13017/2020|2020-10-26|EPI_ISL_672302|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA
Spike|hCoV-19/England/PORT-2D5BD4/2020|2020-12-18|EPI ISL 765138|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
Spike|hCoV-19/Germany/HH-hpi-p1454/2020|2020-03-11|EPI ISL_775923|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany
Spike|hCoV-19/Denmark/DGCC-9603/2020|2020-11-09|EPI_ISL_669061|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
Spike|hCoV-19/Spain/CT-IBV-97010132/2020|2020-11-14|EPI ISL_683610|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiologia\u00eda|SegCOVID-SPAIN consortium/IVB(CSIC)|Comas|Spain
Spike|hCoV-19/Sweden/20-5281/2020|2020-06-30|EPI ISL_710608|Original|hCoV-19^^Gavleborg|Human|Gavle klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden
Spike|hCoV-19/England/2017002004/2020|2020-04-19|EPI_ISL_465264|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
Spike|hCoV-19/Italy/BAS-1ZSPB-373PT/2020|2020-10-16|EPI_ISL_722880|Original|hCoV-19^^Basilicata|Human|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Paris|Italy
Spike|hCoV-19/USA/CA-ALSR-2109/2020|2020-05-24|EPI ISL_635350|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
Spike|hCoV-19/Switzerland/ZH-ETHZ-310344/2020|2020-10-07|EPI ISL_603423|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
Spike|hCoV-19/Iceland/121/2020|2020-03-17|EPI ISL_417546|Original|hCoV-19^^Reykjavik|Human|deCODE genetics|deCODE genetics|J\u00f6nsson|Iceland
Spike|hCoV-19/USA/OH-ODH-SC34242/2020|2020-04-19|EPI ISL_789102|Original|hCoV-19^^Ohio|Human|Ohio Department of Health Laboratory|Ohio Department of Health Laboratory|Holmes|USA
Spike|hCoV-19/Japan/NGY-NNH-009/2020|2020-07-13|EPI ISL_568564|Original|hCoV-19^^Aichi|Human|Department of Infectious Diseases and Immunology|Clinical Research Center|Iwatan|Japan
Spike|hCoV-19/England/QEUH-AD24C5/2020|2020-10-24|EPI ISL_629797|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/MILK-B8F46C/2020|2020-11-13|EPI ISL_674549|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/MT-RML-7/2020|2020-07-19|EPI ISL_591054|Original|hCoV-19^^Montana|Human|Virus Ecology|Virus Ecology|Martens|USA
Spike|hCoV-19/USA/TX-HHM-MCoV-14652/2020|2020-10-11|EPI ISL_787937|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/England/QEUH-9B48FB/2020|2020-09-03|EPI ISL_590308|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/ALDP-A66842/2020|2020-10-12|EPI ISL_630518|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/NJ-QDX-2280/2020|2020-03-14|EPI ISL_604562|Original|hCoV-19^^New Jersey|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
| Date | Reference | Location | Scope | Journal |
|------|-----------|----------|-------|---------|
| 2021-04-11 | EPI_ISL_433790 | England | Human | COVID-19 Genomics UK (COG-UK) Consortium | Meredith | United Kingdom |
| 2021-04-11 | EPI_ISL_475328 | England | Human | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| 2021-07-01 | EPI_ISL_566103 | England | Human | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| | | | | | | |
| 2021-05-18 | EPI_ISL_698686 | England | Human | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| 2021-03-24 | EPI_ISL_501566 | England | Human | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| 2021-03-30 | EPI_ISL_582253 | Manitoba | Human | National Microbiology Laboratory (NML) | Major | Canada |
| 2021-03-28 | EPI_ISL_537710 | Spain | Human | Instituto de Salud Carlos III | | Spain |
| 2021-11-04 | EPI_ISL_730534 | Jordan | Human | Biolab Diagnostic Laboratories | | Jordan |
| 2021-11-01 | EPI_ISL_679760 | England | Human | Oxford Viromics | | England |
| 2021-11-30 | EPI_ISL_711117 | Denmark | Human | National Microbiology Laboratory (NML) | | Denmark |
| 2021-10-14 | EPI_ISL_603685 | Switzerland | Human | Biolab Diagnostic Laboratories | | Switzerland |
| 2021-09-16 | EPI_ISL_566318 | England | Human | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| 2021-11-21 | EPI_ISL_705612 | England | Human | Quadram Institute Bioscience | | England |
| 2021-05-20 | EPI_ISL_473924 | Scotland | Human | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| 2020-05-29 | EPI_ISL_632357 | Netherlands | Human | Erasmus Medical Center | | Netherlands |
| 2020-05-29 | EPI_ISL_632357 | Netherlands | Human | Erasmus Medical Center | | Netherlands |
| 2020-04-07 | EPI_ISL_433790 | England | Human | COVID-19 Genomics UK (COG-UK) Consortium | Meredith | United Kingdom |
Spike|hCoV-19/Netherlands/FL-EMC-44/2020|2020-11-11|EPI_ISL_722612|Original|hCoV-19^^Flevoland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/USA/SC-DHEC-0591/2020|2020-06-19|EPI_ISL_529100|Original|hCoV-19^^South Carolina|Human|Microbiology Division|Microbiology Division|Flores,H.|USA
>Spike|hCoV-19/England/ALDP-B84A83/2020|2020-11-14|EPI_ISL_674231|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/South Africa/NHLS-UCT-GP-5349/2020|2020-05-04|EPI_ISL_700584|Original|hCoV-19^^Western Cape|Human|Heideveld Emergency Centre|NHLS/UCT|Izarnazadeh|South Africa
>Spike|hCoV-19/Germany/NW-HHU-180/2020|2020-03-26|EPI_ISL_602502|Original|hCoV-19^^North Rhine-Westphalia|Human|Institute for Virology|Center of Medical Microbiology|Wiennemann|Germany
>Spike|hCoV-19/Wales/PHWC-2B0A5/2020|2020-04-07|EPI_ISL_432309|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-15965/2020|2020-07-10|EPI_ISL_785649|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Wales/PHWC-49BADB/2020|2020-12-06|EPI_ISL_742428|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Denmark/DGCC-6491/2020|2020-10-05|EPI_ISL_620391|Original|hCoV-19^^Midtjylland|Human and Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Denmark/DGCC-14375/2020|2020-11-30|EPI_ISL_711729|Original|hCoV-19^^Nordjylland|Human and Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/ALDP-5D69D6/2020|2020-06-18|EPI_ISL_558492|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/MI-MDHHS-SC22635/2020|2020-12-03|EPI_ISL_737116|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/Japan/PG-6558/2020|2020-09-09|EPI_ISL_687672|Original|hCoV-19^^Japan|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Sweden/20-50673/2020|2020-04-06|EPI_ISL_475155|Original|hCoV-19^^Vasternorrland|Human|Klinisk mikrobiologi Vasternorrland|The Public Health Agency of Sweden|Svartrstru006fm|Sweden
>Spike|hCoV-19/USA/CT-Yale-225/2020|2020-03-31|EPI_ISL_463159|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA
>Spike|hCoV-19/Northern Ireland/QEUH-96CCC9/2020|2020-08-21|EPI_ISL_530637|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/MD-MDH-0426/2020|2020-10-14|EPI_ISL_666794|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA
>Spike|hCoV-19/England/ALDP-B24AFE/2020|2020-11-04|EPI_ISL_646901|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/MN-MDH-1699/2020|2020-04-09|EPI_ISL_560786|Original|hCoV-19^^Northwest Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA
>Spike|hCoV-19/USA/UT-03436/2020|2020-04-21|EPI_ISL_498665|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA
>Spike|hCoV-19/England/ALDP-AA3876/2020|2020-10-22|EPI_ISL_624937|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/QEUL-AD5D21/2020|2020-10-26|EPI_ISL_633999|Original|hCoV-19
^ England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/Switzerland/BS-UHB-42186619/2020|2020-03-11|EPI_ISL_527996|Original|hCoV-19^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

> Spike|hCoV-19/England/ALDP-5D5F5D/2020|2020-06-19|EPI_ISL_558431|Original|hCoV-19
^ England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/USA/CA-ALSR-2703/2020|2020-07-14|EPI_ISL_635638|Original|hCoV-19
^ California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

> Spike|hCoV-19/USA/TX-DHSHS-0919/2020|2020-06-15|EPI_ISL_602217|Original|hCoV-19
^ Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

> Spike|hCoV-19/Uganda/UG011/2020|2020-03-30|EPI_ISL_451193|Original|hCoV-19
^ Uganda|Human|Uganda Virus Research Institute|MRC/UVRI & LSHTM Uganda|Coton|Uganda

> Spike|hCoV-19/Canada/ON-UHTC_0133/2020|2020-05-23|EPI_ISL_526273|Original|hCoV-19
^ Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

> Spike|hCoV-19/England/LIVE-DC1217/2020|2020-11-02|EPI_ISL_664230|Original|hCoV-19
^ England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

> Spike|hCoV-19/Wales/PHWC-4A150E/2020|2020-12-10|EPI_ISL_743684|Original|hCoV-19
^ Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/England/QEUH-AAF35B/2020|2020-10-20|EPI_ISL_721552|Original|hCoV-19
^ England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/Finland/4CF7/2020|2020-12-01|EPI_ISL_732613|Original|hCoV-19
^ Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

> Spike|hCoV-19/Northern_Ireland/NIRE-103400/2020|2020-04-17|EPI_ISL_489360|Original|hCoV-19
^ Northern_Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/USA/TX-DHSHS-1654/2020|2020-06-24|EPI_ISL_710080|Original|hCoV-19
^ Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

> Spike|hCoV-19/Switzerland/LU-ETHZ-260083/2020|2020-08-25|EPI_ISL_539404|Original|hCoV-19
^ Luzern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

> Spike|hCoV-19/Netherlands/un-EMC-731/2020|2020-06-15|EPI_ISL_523486|Original|hCoV-19
^ Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

> Spike|hCoV-19/USA/CA-CZB-13990/2020|2020-06-15|EPI_ISL_738760|Original|hCoV-19
^ California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

> Spike|hCoV-19/Denmark/DGCC-20689/2020|2020-12-21|EPI_ISL_759303|Original|hCoV-19
^ Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
Spike|hCoV-19^USD/UT-UPHL-2012634496/2020|2020-06-10|EPI_ISL_745958|Original|hCoV-19^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA
Spike|hCoV-19^Australia/NSW965/2020|2020-09-14|EPI_ISL_545037|Original|hCoV-19^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Concord Repatriation General Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
Spike|hCoV-19^Canada/MB-NML-422/2020|2020-03-31|EPI_ISL_582256|Original|hCoV-19^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Major|Canada
Spike|hCoV-19^Wales/PHWC-48C30F/2020|2020-11-02|EPI_ISL_666417|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19^England/QEUH-B3F270/2020|2020-11-08|EPI_ISL_658643|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19^Wales/PHWC-493EF5/2020|2020-11-11|EPI_ISL_726038|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19^England/MILK-9752AD/2020|2020-08-21|EPI_ISL_552662|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19^Germany/HH-hpi-p1836/2020|2020-03-22|EPI_ISL_776189|Original|hCoV-19^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany
Spike|hCoV-19^USA/MI-MDHHS-SC22681/2020|2020-11-24|EPI_ISL_737295|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
Spike|hCoV-19^England/ALDP-BC7750/2020|2020-11-21|EPI_ISL_721299|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19^England/MILK-A79E68/2020|2020-10-15|EPI_ISL_606922|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19^USA/VA-DCLS-0230/2020|2020-04-05|EPI_ISL_452807|Original|hCoV-19^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
Spike|hCoV-19^Australia/VIC12658/2020|2020-07-25|EPI_ISL_592047|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19^Northern Ireland/QEUH-96D062/2020|2020-08-21|EPI_ISL_530654|Original|hCoV-19^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19^USA/CA-CZB-13029/2020|2020-05-11|EPI_ISL_672312|Original|hCoV-19^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA
Spike|hCoV-19^Germany/HH-hpi-p1911/2020|2020-03-24|EPI_ISL_775933|Original|hCoV-19^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany
Spike|hCoV-19^DRC/6724/2020|2020-05-11|EPI_ISL_495634|Original|hCoV-19^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo
Spike|hCoV-19^USA/TX-HMH-2816/2020|2020-06-08|EPI_ISL_543792|Original|hCoV-19^Texas|Human|Hospital District of Houston|Houston Methodist Hospital|Long|USA
Spike|hCoV-19^Denmark/DGCC-8565/2020|2020-10-26|EPI_ISL_625955|Original|hCoV-19^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
Spike|hCoV-19^USA/TX-HMH-MCoV-18651/2020|2020-11-20|EPI_ISL_784999|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/CA-CZB-1662/2020|2020-04-22|EPI_ISL_468605|Original|hCoV-19\^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|McGeever|USA
>Spicke|hCoV-19/England/HECH-2599FAA/2020|2020-05-08|EPI_ISL_482074|Original|hCoV-19\^England|Human|Microbiology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spicke|hCoV-19/England/CMC-B335A0/2020|2020-11-05|EPI_ISL_659352|Original|hCoV-19\^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spicke|hCoV-19/Spain/19^CAS/2020|2020-04-03|Original|hCoV-19^Basque Country|Human|Servicio de Microbiologia|u00eda. Hospital Universitario Donostia. OSI Donostialdea. Área de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>Spicke|hCoV-19/England/ALDP-A6E8A4/2020|2020-10-15|EPI_ISL_607639|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spicke|hCoV-19/England/QEH-AD2B65/2020|2020-10-25|EPI_ISL_634207|Original|hCoV-19\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spicke|hCoV-19/USA/MN-MDH-1735/2020|2020-09-16|EPI_ISL_576244|Original|hCoV-19\^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA
>Spicke|hCoV-19/Netherlands/ZH-EMC-978/2020|2020-11-13|EPI_ISL_722361|Original|hCoV-19\^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spicke|hCoV-19/Japan/PG-2924/2020|2020-04-00|EPI_ISL_691050|Original|hCoV-19\^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikuzuka|Japan
>Spicke|hCoV-19/Turkey/IST-GLAB-193/2020|2020-05-07|EPI_ISL_480278|Original|hCoV-19\^Istanbul|Human|Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)|Genomic Laboratory (GLAB)|Karacan|Turkey
>Spicke|hCoV-19/India/MH-ACTREC-692/2020|2020-09-24|EPI_ISL_700317|Original|hCoV-19\^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
>Spicke|hCoV-19/Canada/NS-NML-1226/2020|2020-04-04|EPI_ISL_579622|Original|hCoV-19\^Nova Scotia|Human|QuEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada
>Spicke|hCoV-19/England/MILK-9710E3/2020|2020-08-16|EPI_ISL_553093|Original|hCoV-19\^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spicke|hCoV-19/Australia/VIC3095/2020|2020-07-04|EPI_ISL_520802|Original|hCoV-19\^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spicke|hCoV-19/England/BIRM-5FB98/2020|2020-05-24|EPI_ISL_473383|Original|hCoV-19\^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom
>Spicke|hCoV-19/England/ALDP-C3B9F6/2020|2020-12-10|EPI_ISL_730976|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spicke|hCoV-19/USA/WA-S402/2020|2020-03-28|EPI_ISL_434162|Original|hCoV-19\^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
>Spicke|hCoV-19/India/TG-NGC-CDFD-30/2020|2020-05-30|EPI_ISL_466868|Original|hCoV-19\^Telangana|Human|National Genomics Core-Center for DNA Fingerprinting and Diagnostics|National Genomics Core- Center for DNA Fingerprinting and Diagnostics (NGC-CDFD)- DBT's PAN-INDIA-1000 Genome consortium|Vashisht|India
>Spicke|hCoV-19/Latvia/227/2020|2020-09-18|EPI_ISL_770061|Original|hCoV-19\^Latvia|Human|Centr\u0101l Laboratorija|Latvian Biomedical Research and Study Centre|Zrelav|Latvia
Spike|hCoV-19/Scotland/EDB10169/2020|2020-11-22|EPI_ISL_680491|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

Spike|hCoV-19/Guangzhou/GZMU0050/2020|2020-02-08|EPI_ISL_429095|Original|hCoV-19^^Guangzhou|Human|The First Affiliated Hospital of Guangzhou Medical University|BGI-shenzhen & The First Affiliated Hospital of Guangzhou Medical University|Ji|China

Spike|hCoV-19/Wales/PHWC-2BA6B/2020|2020-03-28|EPI_ISL_445799|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

Spike|hCoV-19/Canada/NB_250/2020|2020-04-02|EPI_ISL_481748|Original|hCoV-19^^New Brunswick|Human|Dr. Georges-L.-Dumont University Hospital Centre|National Microbiology Laboratory|Grudeski|Canada

Spike|hCoV-19/USA/WI-WSLH-200476/2020|2020-05-19|EPI_ISL_578617|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

Spike|hCoV-19/England/MILK-B3BAE5/2020|2020-10-31|EPI_ISL_741362|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Goldbuchik|United Kingdom

Spike|hCoV-19/England/QEUH-96A6AF/2020|2020-08-13|EPI_ISL_531529|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/USA/TX-HMH-MCoV-10208/2020|2020-07-07|EPI_ISL_789133|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19/Portugal/PT0013/2020|2020-03-08|EPI_ISL_417998|Original|hCoV-19^^Portugal|Human|Centro Hospital do Porto|Instituto Nacional de Saude (INSA)|Borges|Portugal

Spike|hCoV-19/Ireland/D-NVRL-MPA83006/2020|2020-04-30|EPI_ISL_767753|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

Spike|hCoV-19/Australia/VIC150/2020|2020-03-17|EPI_ISL_419847|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

Spike|hCoV-19/England/CAMC-B32222/2020|2020-11-05|EPI_ISL_659168|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/USA/TX-DSHS-1906/2020|2020-07-08|EPI_ISL_751525|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

Spike|hCoV-19/Congo/UKT-013/2020|2020-06-24|EPI_ISL_581491|Original|hCoV-19^^Brazzaville|Human|Fondation Congolaise pour la recherche medicale (FCRM)|NGS Competence Center Türkheim|Angelov|Republic of Congo

Spike|hCoV-19/England/NORT-28A1EB/2020|2020-04-09|EPI_ISL_453526|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

Spike|hCoV-19/Denmark/DGCC-15622/2020|2020-11-23|EPI_ISL_713489|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Mikaelsen|Denmark

Spike|hCoV-19/Iceland/249/2020|2020-03-17|EPI_ISL_417577|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genomics|J\u00fcnsson|Iceland

Spike|hCoV-19/Luxembourg/LNS9383265/2020|2020-11-15|EPI_ISL_744986|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de santé|LBN|Laboratoire national de santé|Wienecke-Baldacchino|Luxembourg
Spike|hCoV-19|England/ALDP-51CF69/2020|2020-06-02|EPI_ISL_558953|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Denmark/DCGC-20783/2020|2020-12-21|EPI_ISL_759360|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
Spike|hCoV-19|England/CAMC-B52D3A/2020|2020-11-09|EPI_ISL_657368|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|England/MILK-C502D2/2020|2020-12-11|EPI_ISL_769553|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|England/BRIS-129291/2020|2020-04-18|EPI_ISL_458884|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/ALDP-B48DDD/2020|2020-11-07|EPI_ISL_649346|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|USA/UT-QDX-2657/2020|2020-03-13|EPI_ISL_604983|Original|hCoV-19^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
Spike|hCoV-19|Wales/MILK-9D3A2D/2020|2020-09-18|EPI_ISL_601621|Original|hCoV-19^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA/NY-Wadsworth-226480-01/2020|2020-08-20|EPI_ISL_677112|Original|hCoV-19^New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA
Spike|hCoV-19|England/MILK-99D89E/2020|2020-08-30|EPI_ISL_550523|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA/AZ-T6637331/2020|2020-08-01|EPI_ISL_695741|Original|hCoV-19^Arizona|Human|AZ SPHL|TGen North|French|USA
Spike|hCoV-19|Finland/28A30S6/2020|2020-04-28|EPI_ISL_481624|Original|hCoV-19^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland
Spike|hCoV-19|Japan/PG-6743/2020|2020-08-00|EPI_ISL_687853|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19|Denmark/DCGC-17249/2020|2020-12-14|EPI_ISL_750343|Original|hCoV-19^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
Spike|hCoV-19|Switzerland/BS-42219008/2020|2020-04-03|EPI_ISL_581841|Original|hCoV-19^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland
Spike|hCoV-19|India/MH-GA60/2020|2020-06-20|EPI_ISL_508255|Original|hCoV-19^Maharashtra|Human|Government Medical College|National Institute of Biomedical Genomics|Maitra|India
Spike|hCoV-19|USA/OR-OHSU-0126/2020|2020-05-04|EPI_ISL_468105|Original|hCoV-19^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA
Spike|hCoV-19|USA/NY-NYUMC893/2020|2020-05-08|EPI_ISL_467386|Original|hCoV-19^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
Spike|hCoV-19|USA/WA-QDX-1270/2020|2020-03-16|EPI_ISL_572050|Original|hCoV-19^Washington|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
Spike|hCoV-19|England/QEUH-AD518F/2020|2020-10-26|EPI_ISL_634002|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Spain/PS-IBV-000926/2020|2020-03-27|EPI_ISL_452645|Original|hCoV-19^Basque Country|Human|Servicio de Microbiologia\u00eda. Hospital Universitario Donostia. OSI Donostialdea. |u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
>Spike|hCoV-19/England/CAMC-9416AE/2020|2020-07-22|EPI_ISL_556824|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spk|Spike|hCoV-19/Japan/PG-0399/2020|2020-04-01|EPI_ISL_480068|Original|hCoV-19^^Kansai|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spke|hCoV-19/England/ALDP-A960F6/2020|2020-10-19|EPI_ISL_624703|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/Singapore/126/2020|2020-03-20|EPI_ISL_443218|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
>Spke|hCoV-19/England/ALDP-C3DBC1/2020|2020-12-10|EPI_ISL_730886|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19/Denmark/DCGC-10549/2020|2020-11-02|EPI_ISL_670046|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spke|hCoV-19/Australia/VIC669/2020|2020-03-27|EPI_ISL_426965|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spke|hCoV-19/England/ALDP-9E5B70/2020|2020-09-24|EPI_ISL_589499|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/Switzerland/VD-ETHZ-310364/2020|2020-10-07|EPI_ISL_603438|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spke|hCoV-19/Turkey/KU-021/2020|2020-05-25|EPI_ISL_495431|Original|hCoV-19^^Kars Province|Human|Kafkas University|Kafkas University|Karamese|Turkey
>Spke|hCoV-19/England/ALDP-9E5B70/2020|2020-09-24|EPI_ISL_589499|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19/England/ALDP-BBA091/2020|2020-11-20|EPI_ISL_701851|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/USA/CO-CDPHE-2005280131/2020|2020-05-27|EPI_ISL_710316|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Pupal Health and Environment|Bankers|USA
>Spke|hCoV-19/England/CAMC-B332F4/2020|2020-11-05|EPI_ISL_659142|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/USA/TX-HMH-MCoV-19611/2020|2020-11-28|EPI_ISL_783980|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spke|hCoV-19/England/201380028/2020|2020-03-27|EPI_ISL_421796|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spke|hCoV-19/England/CAMB-72722/2020|2020-03-23|EPI_ISL_439645|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Amato|United Kingdom
>Spke|hCoV-19/England/CAMC-BFB9B7/2020|2020-12-04|EPI_ISL_709124|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Wales/PHWC-4A5EE1/2020|2020-12-14|EPI_ISL_763575|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/England/QEUEH-AD397A/2020|2020-10-26|EPI_ISL_633941|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/SC-DHEC-1083/2020|2020-07-07|EPI_ISL_541666|Original|hCoV-19^^South Carolina|Human|Microbiology Division|Microbiology Division|Flores|USA
> Spike|hCoV-19/USA/TX-QDX-1096/2020|2020-03-20|EPI_ISL_571902|Original|hCoV-19^^Texas|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
> Spike|hCoV-19/Australia/VIC8605/2020|2020-08-17|EPI_ISL_565108|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19/England/QEUEH-B41703/2020|2020-11-08|EPI_ISL_658506|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/England/OXON-B4C9E/2020|2020-04-26|EPI_ISL_535004|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
> Spike|hCoV-19/Portugal/PT1999/2020|2020-11-17|EPI_ISL_732220|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saúde (INSA) and Instituto Gulbenkian de Ciência (IGC)|Instituto Nacional de Saúde (INSA) and Instituto Gulbenkian de Ciência (IGC)|Borges|Portugal
> Spike|hCoV-19/Belgium/rega-10081215/2020|2020-10-08|EPI_ISL_735081|Original|hCoV-19^^Wilsele|Human|UZ Leuven|KU Leuven|Maes|Belgium
> Spike|hCoV-19/Luxembourg/LNS159099/2020|2020-10-21|EPI_ISL_739958|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de santé|Laboratoire national de santé|Wienecke-Bal dacchino|Luxembourg
> Spike|hCoV-19/England/QEUEH-963D65/2020|2020-08-12|EPI_ISL_531510|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/NY-QDX-798/2020|2020-03-22|EPI_ISL_571550|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
> Spike|hCoV-19/Japan/PG-2445/2020|2020-04-00|EPI_ISL_686050|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sezikula|Japan
> Spike|hCoV-19/England/CAMC-B3824A/2020|2020-11-05|EPI_ISL_658954|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/Australia/VIC6085/2020|2020-07-11|EPI_ISL_518111|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
> Spike|hCoV-19/Wales/MILK-90529C/2020|2020-09-18|EPI_ISL_637502|Original|hCoV-19^^Wales|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
> Spike|hCoV-19/England/CAMC-B08225/2020|2020-10-31|EPI_ISL_643538|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/CA-CZB-3622/2020|2020-07-28|EPI_ISL_548340|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA
> Spike|hCoV-19/England/NORW-222446/2020|2020-12-20|EPI_ISL_764489|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
> Spike|hCoV-19/England/ALDP-A66E31/2020|2020-10-12|EPI_ISL_630443|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/WA-UW-23252/2020|2020-08-07|EPI_ISL_576411|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
> Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH936/2020|2020-06-17|EPI_ISL_513063|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah
Spike|hCoV-19/England/CAMC-B35544/2020|2020-11-05|EPI_ISL_659454|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/England/QEUH-B3FEE/2020|2020-11-08|EPI_ISL_658708|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/Belgium/ULG-11115/2020|2020-12-17|EPI ISL 737363|Original|hCoV-19^^Li\u00e9la|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

Spike|hCoV-19/USA/AZ-TG395902/2020|2020-06-08|EPI_ISL_694746|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

Spike|hCoV-19/South Korea/KDCA0279/2020|2020-10-24|EPI_ISL_760073|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

Spike|hCoV-19/Netherlands/UT-RIVM-10091/2020|2020-03-09|EPI_ISL_547528|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

Spike|hCoV-19/Scotland/CVR2666/2020|2020-04-17|EPI_ISL_484632|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

Spike|hCoV-19/Denmark/DCG-21160/2020|2020-12-21|EPI_ISL_759583|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

Spike|hCoV-19/England/QEUH-A5DF58/2020|2020-10-10|EPI ISL 597419|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/CAMB-1BAAD9/2020|2020-11-12|EPI_ISL_664108|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

Spike|hCoV-19/England/20419912/2020|2020-10-11|EPI_ISL_603193|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

Spike|hCoV-19/England/ALDP-9FCE6E/2020|2020-10-01|EPI_ISL_587907|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/USA/IN-QDX-1990/2020|2020-03-16|EPI_ISL_604332|Original|hCoV-19^^Indiana|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

Spike|hCoV-19/USA/AZ-QDX-1667/2020|2020-03-18|EPI_ISL_603879|Original|hCoV-19^^Arizona|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

Spike|hCoV-19/England/QEUH-9FF5B1/2020|2020-10-02|EPI_ISL_600323|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Iceland/285/2020|2020-03-17|EPI_ISL_417613|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f6n Biom|Iceland

Spike|hCoV-19/England/20128090604/2020|2020-03-20|EPI_ISL_423966|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

Spike|hCoV-19/England/QEUH-9B8F03/2020|2020-09-07|EPI_ISL_549717|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/QEUH-9F4E0C/2020|2020-09-27|EPI_ISL_637803|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

Spike|hCoV-19/Denmark/DCG-14163/2020|2020-11-30|EPI_ISL_711601|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

Spike|hCoV-19/Spain/RI-IBV-005997/2020|2020-03-10|EPI_ISL_500429|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|u00f3n|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
>Spike|hCoV-19|England/QEUH-A9D693/2020|2020-10-20|EPI_ISL_727782|Original|hCoV-19^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike|hCoV-19|USA/CA-ALSR-4400/2020|2020-06-23|EPI_ISL_649008|Original|hCoV-19^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19|USA/TX-HMH-MCoV-14712/2020|2020-10-12|EPI ISL_787997|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|England/LOND-124D2B1/2020|2020-03-30|EPI ISL_507078|Original|hCoV-19^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom
>Spike|hCoV-19|USA/LA-EVTFL841/2020|2020-07-28|EPI ISL_653532|Original|hCoV-19^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spike|hCoV-19|England/MILK-97678F/2020|2020-08-21|EPI ISL_552781|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Belgium/ULG-10833/2020|2020-11-13|EPI ISL 661250|Original|hCoV-19^Li\u200e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
>Spike|hCoV-19|USA/TX-DSHS-1142/2020|2020-06-17|EPI ISL_634946|Original|hCoV-19^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spike|hCoV-19|England/CAMB-1AE003/2020|2020-04-27|EPI ISL_459479|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Denmark/DCGC-21180/2020|2020-12-21|EPI ISL 759596|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19|England/SHEF-D092C/2020|2020-10-17|EPI ISL_613397|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19|England/CAMC-C42482/2020|2020-12-11|EPI ISL 718985|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|South Africa/UFS-VIRO-NGS-38/2020|2020-10-14|EPI ISL 684047|Original|hCoV-19^Free State|Human|NHLS Universitas Academic|UFS Virology|Bester|South Africa
>Spike|hCoV-19|England/CAMC-B33959/2020|2020-11-05|EPI ISL 659219|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|England/ALDP-BBAA93/2020|2020-11-20|EPI ISL 702555|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|Singapore/267/2020|2020-03-21|EPI ISL 462385|Original|hCoV-19^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
>Spike|hCoV-19|Denmark/DCGC-2345/2020|2020-08-10|EPI ISL 617683|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19|Wales/PHW-47EE5A/2020|2020-10-10|EPI ISL 595600|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19|Scotland/GCVR-1718E3/2020|2020-03-27|EPI ISL 489615|Original|hCoV-19^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|India/MH-ACTREC-105/2020|2020-05-23|EPI ISL 699761|Original|hCoV-19^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
Spike|hCoV-19|Japan|PG-4552/2020|2020-00-00|EPI_ISL_689690|Original|hCoV-19|Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19|Scotland|EDBI0409/2020|2020-11-28|EPI_ISL_705749|Original|hCoV-19|Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Mclnally|United Kingdom
>Spike|hCoV-19|New Zealand|20VR3142/2020|2020-03-21|EPI_ISL_579434|Original|hCoV-19|New Zealand|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
>Spike|hCoV-19|Japan|PG-3124/2020|2020-04-00|EPI_ISL_691246|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19|Denmark|DGCC-15746/2020|2020-11-23|EPI_ISL_713240|Original|hCoV-19|Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsson|Denmark
>Spike|hCoV-19|Denmark|DGCC-19335/2020|2020-12-07|EPI_ISL_748889|Original|hCoV-19|Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsson|Denmark
>Spike|hCoV-19|England|ALDP-955C2D/2020|2020-06-12|EPI_ISL_555378|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England|ALDP-A6C897/2020|2020-10-15|EPI_ISL_608049|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Scotland|QEUH-960D2C/2020|2020-08-06|EPI_ISL_532003|Original|hCoV-19|Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre | MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England|PORT-2E479C/2020|2020-00-00|EPI_ISL_703554|Original|hCoV-19|England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike|hCoV-19|USA|WI-UW-2396/2020|2020-12-15|EPI_ISL_754644|Original|hCoV-19|Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moore|USA
>Spike|hCoV-19|Wales|PHWC-1632E6/2020|2020-05-29|EPI_ISL_473275|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19|England|LIVE-A8240/2020|2020-03-26|EPI_ISL_517134|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19|USA|TX-HMH-2185/2020|2020-05-23|EPI_ISL_545169|Original|hCoV-19|Texas|Human|Houston Methodist Hospital |Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|India|MH-MW15/2020|2020-05-01|EPI_ISL_511923|Original|hCoV-19|Maharashtra|Human|Mahatma Gandhi Institute of Medical Sciences|National Institute of Biomedical Genomics -|u00a0DBT's PAN-INDIA 1000 SARS-CoV-2 RNA Genome Sequencing Consortium|Maitra|India
>Spike|hCoV-19|England|QEUH-B11B88/2020|2020-11-02|EPI_ISL_642227|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|Beijing|DT-travel1IT02/2020|2020-03-06|EPI_ISL_452353|Original|hCoV-19|Beijing|Human|Laboratory of Infectious Diseases Center of Beijing Ditan Hospital|Laboratory of Infectious Diseases Center of Beijing Ditan Hospital|Yang|China
>Spike|hCoV-19|Netherlands|ZH-EMC-1179/2020|2020-12-20|EPI_ISL_763254|Original|hCoV-19|Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19|USA|CA-ALSR-0901-SAN/2020|2020-05-01|EPI_ISL_483404|Original|hCoV-19|California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA
>Spikes<hCoV-19/India/GJ-GBRC97a/2020|2020-05-10|EPI_ISL_450785|Original|hCoV-19^^Gujarat|Human|Pandit Deendayal Upadhyay Government Medical College|Gujarat Biotechnology Research Centre|Joshi|India
>Spikes<hCoV-19/Denmark/DGCC-781/2020|2020-04-27|EPI_ISL_614751|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Mikaelsen|Denmark
>Spikes<hCoV-19/Ireland/D-NVRL-MPS61941/2020|2020-04-09|EPI_ISL_767740|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland
>Spikes<hCoV-19/England/PORT-2E93F3/2020|2020-11-11|EPI_ISL_727700|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spikes<hCoV-19/England/204180138/2020|2020-10-02|EPI_ISL_583981|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spikes<hCoV-19/USA/TX-HMH-MCoV-18782/2020|2020-11-24|EPI_ISL_785113|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spikes<hCoV-19/Belgium/rega-12141420/2020|2020-12-14|EPI_ISL_738472|Original|hCoV-19^^Beersel|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Spikes<hCoV-19/USA/TX-HMH-MCoV-9404/2020|2020-07-03|EPI_ISL_781102|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spikes<hCoV-19/Colombia/VAC-GUR-0084/2020|2020-03-26|EPI_ISL_447735|Original|hCoV-19^^Valle del Cauca|Human|Grupo de Investigaciones Microbiol|u00f3licas-UR (GIMUR)|Grupo de Investigaciones Microbiol|u00f3licas-UR (GIMUR)|Ram|u00edrez|Colombia
>Spikes<hCoV-19/USA/CA-ALSR-3818/2020|2020-06-14|EPI_ISL_636222|Original|hCoV-19^^Arizona|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavaranu|USA
>Spikes<hCoV-19/England/MILK-BDBB20/2020|2020-11-27|EPI_ISL_709745|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spikes<hCoV-19/Sweden/20-08103/2020|2020-03-07|EPI_ISL_454474|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetssjukhuset|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden
>Spikes<hCoV-19/Japan/PG-6659/2020|2020-07-00|EPI_ISL_687770|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spikes<hCoV-19/Portugal/PT1066/2020|2020-03-28|EPI_ISL_511613|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal
>Spikes<hCoV-19/England/MILK-9EF6EE/2020|2020-09-23|EPI_ISL_594931|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spikes<hCoV-19/England/QEUGH-B67B65/2020|2020-11-11|EPI_ISL_661437|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spikes<hCoV-19/USA/NMDOH-2020117722/2020|2020-06-09|EPI_ISL_542017|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA
>Spikes<hCoV-19/USA/CA-ALSR-2629/2020|2020-07-11|EPI_ISL_635597|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavaranu|USA
>Spikes<hCoV-19/Ecuador/USFQ-111/2020|2020-06-30|EPI_ISL_486846|Original|hCoV-19^^Imbabura|Human|Institute of Microbiology|Institute of Microbiology|Cardenas|Ecuador
>Spikes<hCoV-19/Wales/PHWC-23CC7/2020|2020-03-15|EPI_ISL_418102|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spikes<hCoV-19/England/LOND-D3FDC/2020|2020-04-04|EPI_ISL_444080|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
| Country | Region | Location | Organization | Description |
|---------|--------|----------|--------------|-------------|
| England | Human | North West London Pathology | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| Wales | Human | Wales Specialist Virology Centre Sequencing lab | COVID-19 Genomics UK (COG-UK) Consortium | Moore | United Kingdom |
| England | Human | Department of Pathology | COVID-19 Genomics UK (COG-UK) Consortium | Goodfellow | United Kingdom |
| Scotland | Human | Virology Department | COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| England | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| Canada | Human | BCCDC Public Health Laboratory | BCCDC Public Health Laboratory | Harrigan | Canada |
| Bermuda | Human | Bermuda Government Molecular Diagnostics Laboratory | (MDL) Respiratory Virus Unit | Platt | Bermuda |
| Japan | Human | Pathogen Genomics Center | Pathogen Genomics Center | Sekizuka | Japan |
| Denmark | Human | Department of Virus and Microbiological Special Diagnostics | Albertsen Lab | Michaelsen | Denmark |
| England | Human | Department of Pathology | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| South Africa | Human | National Health Laboratory Service - Inkosi Albert Luthuli Central Hospital (NHLS-IALCH) | KRISP | de Oliveira | South Africa |
| England | Human | Leeds Teaching Hospitals NHS Trust and Public Health England | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| Belgium | Human | Department of Clinical Microbiology | GIGA Medical Genomics | Durkin | Belgium |
| USA | Human | Orange County Public Health Lab | Chan-Zuckerberg Biohub | Kam | USA |
| USA | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| Austria | Human | Austrian Agency for Health and Food Safety (AGES) | Bergthaler laboratory | Bergthaler | Austria |
| England | Human | Department of Pathology | COVID-19 Genomics UK (COG-UK) consortium | Meredith | United Kingdom |
Spike|hCoV-19|USA|TX-HMH-3118|2020-06-11|EPI_ISL_544004|Original|hCoV-19
Tennessee|Human|Tennessee General Hospital|Tennessee General Hospital|Long|USA
Spike|hCoV-19|Wales|PHWC-4968C7|2020-06-21|EPI_ISL_726652|Original|hCoV-19
Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19|USA|CA-C2B-1684|2020-04-01|EPI_ISL_468622|Original|hCoV-19
California|Human|Contra Costa Public Health Lab|Chan-Zuckerberg Biohub|McGeever|USA
Spike|hCoV-19|Panama|337358|2020-04-07|EPI_ISL_496859|Original|hCoV-19
Panama|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama
Spike|hCoV-19|Wuhan|HB-WH5-232|2020-03-01|EPI_ISL_454975|Original|hCoV-19
Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China
Spike|hCoV-19|Japan|TK YE63558d|2020-03-00|EPI_ISL_582139|Original|hCoV-19
Tokyo|Human|Tokyo Metropolitan Institute of Public Health|Tokyo Metropolitan Institute of Public Health|Nagashima|Japan
Spike|hCoV-19|England|MILK-B8E44F|2020-11-13|EPI_ISL_674765|Original|hCoV-19
England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|England|CAMB-IAACD4|2020-04-22|EPI_ISL_489424|Original|hCoV-19
England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Denmark|DGCC-15006|2020-11-23|EPI_ISL_713574|Original|hCoV-19
Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
Spike|hCoV-19|England|ALDP-944061|2020-06-07|EPI_ISL_554710|Original|hCoV-19
England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Panama|3333937|2020-03-23|EPI_ISL_496756|Original|hCoV-19
Panama|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama
Spike|hCoV-19|Germany|HH-hpi-p1726|2020-03-15|EPI_ISL_776106|Original|hCoV-19
Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany
Spike|hCoV-19|England|SHEF-D127B|2020-10-01|EPI_ISL_585078|Original|hCoV-19
England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
Spike|hCoV-19|England|MILK-AB7903|2020-10-21|EPI_ISL_623795|Original|hCoV-19
England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England|MILK-9A5101|2020-09-02|EPI_ISL_550204|Original|hCoV-19
England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Kenya|C3130|2020-04-28|EPI_ISL_457898|Original|hCoV-19
Kenya|Human|KEMRI-CGMR|KEMRI-Wellcome Trust Research Programme|KEMRI-CGMR|Kenya
Spike|hCoV-19|England|ALDP-A95886|2020-10-19|EPI_ISL_624589|Original|hCoV-19
England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England|ALDP-B839C3|2020-11-14|EPI_ISL_674438|Original|hCoV-19
England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Japan|PG-7140|2020-08-00|EPI_ISL_688245|Original|hCoV-19
Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19|Australia|NSW1174|2020-10-16|EPI_ISL_667779|Original|hCoV-19
South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spike|hCoV-19/USA/IL-UW-2327/2020|2020-09-25|EPI_ISL_728093|Original|hCoV-19\^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/USA/MA-MASPHL-00736/2020|2020-09-23|EPI_ISL_692936|Original|hCoV-19\^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA
>Spoke|hCoV-19/England/LOND-D4199/2020|2020-04-06|EPI_ISL_444095|Original|hCoV-19\^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spoke|hCoV-19/England/QEUH-9F7A7E/2020|2020-09-27|EPI_ISL_589250|Original|hCoV-19\^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19/Finland/15LS14AAA11/2020|2020-10-15|EPI_ISL_756167|Original|hCoV-19\^Uusimaa|Human|Department of Virology and Immunology|Department of Virology and Immunology|Smura|Finland
>Spoke|hCoV-19/England/CAMB-7CFF3/2020|2020-04-06|EPI_ISL_442168|Original|hCoV-19\^England|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spoke|hCoV-19/USA/AZ-TG352047/2020|2020-05-29|EPI_ISL_694424|Original|hCoV-19\^Arizona|Human|AZ SPHL|TGen North|French|USA
>Spoke|hCoV-19/England/NORT-282E0A/2020|2020-03-29|EPI_ISL_488563|Original|hCoV-19\^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19/USA/TX-HHH0418/2020|2020-04-01|EPI_ISL_435002|Original|hCoV-19\^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spoke|hCoV-19/India/GBRC212/2020|2020-06-11|EPI_ISL_475042|Original|hCoV-19\^Gujarat|Human|Department of Microbiology|Gujarat Biotechnology Research Centre|Joshi|India
>Spoke|hCoV-19/England/QEUH-B7EA7D/2020|2020-11-14|EPI_ISL_667930|Original|hCoV-19\^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19/Australia/VIC5780/2020|2020-07-20|EPI_ISL_518578|Original|hCoV-19\^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spoke|hCoV-19/England/MILK-AB738D/2020|2020-10-19|EPI_ISL_623238|Original|hCoV-19\^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19/Netherlands/ZN-EMC-1243/2020|2020-12-25|EPI_ISL_763312|Original|hCoV-19\^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spoke|hCoV-19/England/2019041704/2020|2020-03-04|EPI_ISL_464559|Original|hCoV-19\^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spoke|hCoV-19/England/20192179501/2020|2020-05-04|EPI_ISL_465605|Original|hCoV-19\^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spoke|hCoV-19/England/CAMB-73080/2020|2020-03-23|EPI_ISL_440237|Original|hCoV-19\^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spoke|hCoV-19/England/QEUH-B6686F/2020|2020-11-11|EPI_ISL_662421|Original|hCoV-19\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19/Scotland/QEUH-9CFEDED/2020|2020-09-16|EPI_ISL_601844|Original|hCoV-19\^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19/Wales/PHWC-2C666/2020|2020-03-31|EPI_ISL_445890|Original|hCoV-19\^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spoke|hCoV-19/Brazil/RS-00604/2020|2020-11-23|EPI_ISL_770556|Original|hCoV-19\^Rio Grande do Sul|Human|Laborat|\u00f3rio de Microbiologia Molecular - Universidade FEEVALE|Bioinformatics Laboratory / LNCC|Almeida|Brazil
| Country          | Lab Name                                      | Date          | Accession Number | Description               |
|------------------|-----------------------------------------------|---------------|------------------|---------------------------|
| Denmark          | DCGC-14470/2020                               | 2020-11-30    | EPI_ISL_711135   | Original hCoV-19          |
| Catalonia        | Human Department of Virus and Microbiological Special Diagnostics | 2020-11-30    | EPI_ISL_711135   | Original hCoV-19          |
| Utah             | Ginkgo Bioworks Clinical Laboratory           | 2020-08-12    | EPI_ISL_745670   | Original hCoV-19          |
| England          | Lighthouse Lab in Alderley Park               | 2020-10-22    | EPI_ISL_624379   | Original hCoV-19          |
| Wales            | Wales Specialist Virology Centre Sequencing lab | 2020-04-06    | EPI_ISL_466250   | Original hCoV-19          |
| Wales            | National Virus Reference Laboratory           | 2020-04-06    | EPI_ISL_466250   | Original hCoV-19          |
| England          | Respiratory Virus Unit                         | 2020-07-09    | EPI_ISL_789683   | Original hCoV-19          |
| England          | Lighthouse Lab in Glasgow                     | 2020-05-05    | EPI_ISL_589303   | Original hCoV-19          |
| England          | Wellcome Sanger Institute                     | 2020-09-16    | EPI_ISL_578314   | Original hCoV-19          |
| England          | Wales Specialist Virology Centre Sequencing lab | 2020-10-06    | EPI_ISL_586180   | Original hCoV-19          |
| Ireland          | National Virus Reference Laboratory           | 2020-03-02    | EPI_ISL_729479   | Original hCoV-19          |
| England          | Pathogen Genomics Center                      | 2020-12-10    | EPI_ISL_731517   | Original hCoV-19          |
| Hungary          | National Virus Reference Laboratory           | 2020-03-03    | EPI_ISL_691382   | Original hCoV-19          |
| Hungary          | University of Debrecen                       | 2020-08-10    | EPI_ISL_531592   | Original hCoV-19          |
| England          | Lighthouse Lab in Glasgow                     | 2020-06-30    | EPI_ISL_521463   | Original hCoV-19          |
| Australia        | VIC2611/2020                                  | 2020-11-23    | EPI_ISL_726647   | Original hCoV-19          |
| Victoria         | Victorian Infectious Diseases Reference Laboratory (VIDRL) | 2020-11-22    | EPI_ISL_665932   | Original hCoV-19          |
| England          | Queens Medical Centre                         | 2020-11-22    | EPI_ISL_665932   | Original hCoV-19          |
| Netherlands      | UBMC-ALDP-ADA/2020                            | 2020-12-10    | EPI_ISL_731517   | Original hCoV-19          |
| England          | Pathogen Genomics Center                      | 2020-12-10    | EPI_ISL_731517   | Original hCoV-19          |
| Netherlands      | UBMC-ALDP-ADA/2020                            | 2020-12-10    | EPI_ISL_731517   | Original hCoV-19          |
| England          | Lighthouse Lab in Glasgow                     | 2020-11-23    | EPI_ISL_726647   | Original hCoV-19          |
| Wales            | Originating lab                               | 2020-11-22    | EPI_ISL_665932   | Original hCoV-19          |
| England          | Queens Medical Centre                         | 2020-11-22    | EPI_ISL_665932   | Original hCoV-19          |
| Netherlands      | UBMC-ALDP-ADA/2020                            | 2020-12-10    | EPI_ISL_731517   | Original hCoV-19          |
| England          | Lighthouse Lab in Glasgow                     | 2020-11-22    | EPI_ISL_665932   | Original hCoV-19          |
| Netherlands      | UBMC-ALDP-ADA/2020                            | 2020-12-10    | EPI_ISL_731517   | Original hCoV-19          |
| England          | Wellcome Sanger Institute                     | 2020-11-22    | EPI_ISL_665932   | Original hCoV-19          |
| England          | COVID-19 Genomics UK (COG-UK) Consortium       | 2020-11-22    | EPI_ISL_665932   | Original hCoV-19          |
| Netherlands      | UBMC-ALDP-ADA/2020                            | 2020-12-10    | EPI ISL_731517   | Original hCoV-19          |
| England          | Lighthouse Lab in Glasgow                     | 2020-11-22    | EPI ISL_731517   | Original hCoV-19          |
| Netherlands      | UBMC-ALDP-ADA/2020                            | 2020-12-10    | EPI ISL_731517   | Original hCoV-19          |
| England          | Wellcome Sanger Institute                     | 2020-11-22    | EPI ISL_731517   | Original hCoV-19          |
| England          | COVID-19 Genomics UK (COG-UK) Consortium       | 2020-11-22    | EPI ISL_731517   | Original hCoV-19          |
| Netherlands      | UBMC-ALDP-ADA/2020                            | 2020-12-10    | EPI ISL_731517   | Original hCoV-19          |
| England          | Lighthouse Lab in Glasgow                     | 2020-11-22    | EPI ISL_731517   | Original hCoV-19          |
| Netherlands      | UBMC-ALDP-ADA/2020                            | 2020-12-10    | EPI ISL_731517   | Original hCoV-19          |
| England          | Wellcome Sanger Institute                     | 2020-11-22    | EPI ISL_731517   | Original hCoV-19          |
| England          | COVID-19 Genomics UK (COG-UK) Consortium       | 2020-11-22    | EPI ISL_731517   | Original hCoV-19          |
| Netherlands      | UBMC-ALDP-ADA/2020                            | 2020-12-10    | EPI ISL_731517   | Original hCoV-19          |
| England          | Lighthouse Lab in Glasgow                     | 2020-11-22    | EPI ISL_731517   | Original hCoV-19          |
| Netherlands      | UBMC-ALDP-ADA/2020                            | 2020-12-10    | EPI ISL_731517   | Original hCoV-19          |
> Spike|hCoV-19|USA/UN-UW-2476/2020|2020-03-29|EPI_ISL_477684|Original|hCoV-19^|USA|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
  > Spike|hCoV-19|England/QEUEH-B13COB/2020|2020-11-02|EPI_ISL_641898|Original|hCoV-19^|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
  > Spike|hCoV-19|England/Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
  > Spike|hCoV-19|Wales/PHWC-350D5/2020|2020-04-25|EPI_ISL_474434|Original|hCoV-19^|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
  > Spike|hCoV-19|England/MILK-BAC117/2020|2020-11-18|EPI_ISL_783134|Original|hCoV-19^|Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
  > Spike|hCoV-19|Canada/NS-NML-1238/2020|2020-04-05|EPI_ISL_579631|Original|hCoV-19^|Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Major|Canada
  > Spike|hCoV-19|England/ALDP-652045/2020|2020-07-04|EPI_ISL_558212|Original|hCoV-19^|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
  > Spike|hCoV-19|England/QEUEH-B145E1/2020|2020-11-03|EPI_ISL_641825|Original|hCoV-19^|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
  > Spike|hCoV-19|England/2016600404/2020|2020-04-15|EPI_ISL_466494|Original|hCoV-19^|England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
  > Spike|hCoV-19|England/SHEF-CEE9B/2020|2020-09-23|EPI_ISL_573742|Original|hCoV-19^|England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
  > Spike|hCoV-19|England/QEUEH-A2152E/2020|2020-10-01|EPI_ISL_587418|Original|hCoV-19^|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
  > Spike|hCoV-19|Wales/PHWC-48AA39/2020|2020-11-06|EPI_ISL_666114|Original|hCoV-19^|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
  > Spike|hCoV-19|Beijing/BJ589/2020|2020-02-05|EPI_ISL_430738|Original|hCoV-19^|Beijing|Human|Chinese PLA Institute for Disease Control and Prevention|Chinese PLA Institute for Disease Control and Prevention|Li|China
  > Spike|hCoV-19|USA/LA-EVTL171/2020|2020-05-14|EPI_ISL_574306|Original|hCoV-19^|Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
  > Spike|hCoV-19|England/MILK-9F19A4/2020|2020-09-25|EPI_ISL_589627|Original|hCoV-19^|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
  > Spike|hCoV-19|USA/MI-MDHS-SC21713/2020|2020-06-26|EPI_ISL_529832|Original|hCoV-19^|Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
  > Spike|hCoV-19|United Arab Emirates/0390/2020|2020-05-15|EPI_ISL_698565|Original|hCoV-19^|Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
  > Spike|hCoV-19|Australia/QLD1101/2020|2020-03-22|EPI_ISL_593618|Original|hCoV-19^|Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia
  > Spike|hCoV-19|England/ALDP-AA17C6/2020|2020-10-22|EPI_ISL_625004|Original|hCoV-19^|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-13256/2020|2020-08-25|EPI-ISL_788405|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Wales/PWHC-48A6F9/2020|2020-11-04|EPI-ISL_652590|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-14401/2020|2020-10-08|EPI-ISL_787686|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Japan/PG-4322/2020|2020-07-06|EPI-ISL_692550|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/QEUH-A2045F/2020|2020-10-01|EPI-ISL_587603|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Chile/AR-ISPCH-5/2020|2020-03-25|EPI-ISL_445340|Original|hCoV-19
^La Araucania|Human|HOSPITAL DR. HERNAN HENRIQUEZ ARAVENA|Instituto de Salud Publica de Chile|Fernandez|Chile
>Spike|hCoV-19/England/QEUH-9FCAC66/2020|2020-09-26|EPI-ISL_588185|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/France/PAC-IHU-0516/2020|2020-04-06|EPI-ISL_569566|Original|hCoV-19
^Provence-Alpes-Côte-d'Azur|Human|MEPHI|MEPHI|Levasseur|France
>Spike|hCoV-19/South Korea/KCDC2297/2020|2020-05-22|EPI-ISL_510633|Original|hCoV-19
^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea
>Spike|hCoV-19/USA/NV-QDX-420/2020|2020-03-18|EPI-ISL_571250|Original|hCoV-19
^Nevada|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/England/QEUH-9F573D/2020|2020-09-27|EPI-ISL_588760|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Germany/SH-ChVir20306/2020|2020-11-15|EPI-ISL_729643|Original|hCoV-19
^Schleswig-Holstein|Human|A. Krumbholz|Charité|00e9 Universit\u00e4tsmedizin Berlin|Muehlmann|Germany
>Spike|hCoV-19/England/CAMB-7E0B2/2020|2020-04-07|EPI-ISL_442201|Original|hCoV-19
^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/Poland/PL_MCB_26/2020|2020-05-12|EPI-ISL_645025|Original|hCoV-19
^Poland|Human|Human Genome Variation Research Group|Human Genome Variation Research Group|Poland
>Spike|hCoV-19/Luxembourg/LNS2842929/2020|2020-10-19|EPI-ISL_740202|Original|hCoV-19
^Luxembourg|Human|Laboratoire national de santé|Laboratoire national de santé|u00e9|Vienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/Denmark/DCGC-5263/2020|2020-09-14|EPI-ISL_615194|Original|hCoV-19
^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Scotland/QEUH-A4B37/2020|2020-10-08|EPI-ISL_628475|Original|hCoV-19
^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-14676/2020|2020-11-23|EPI-ISL_711905|Original|hCoV-19
^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Luxembourg/LNS5301713/2020|2020-10-23|EPI-ISL_744213|Original|hCoV-19
^Luxembourg|Human|Laboratoire national de santé|Laboratoire national de santé|Vienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/USA/WA-UK-13264/2020|2020-06-30|EPI-ISL_501126|Original|hCoV-19
^Washington|Human|University of Washington Virology Lab|University of Washington Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/USA/CA-QDX-2418/2020|2020-03-16|EPI-ISL_604681|Original|hCoV-19
^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/Australia/WA109/2020|2020-03-20|EPI-ISL_512762|Original|hCoV-19
^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA|Microbial Surveillance Unit|Sikazwe|Australia
Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
> Spike| hCoV-19/Denmark/DGCC-9472/2020|2020-11-09|EPI_ISL_668989|Original|hCoV-19^|England|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark
> Spike| hCoV-19/England/BRIS-123464/2020|2020-04-06|EPI_ISL_442657|Original|hCoV-19^|England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
> Spike| hCoV-19/South Korea/KCDC2368/2020|2020-05-30|EPI_ISL_514771|Original|hCoV-19^|South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea
> Spike| hCoV-19/USA/UN-UW-7167/2020|2020-04-13|EPI_ISL_576498|Original|hCoV-19^|USA|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
> Spike| hCoV-19/England/CAMB-80CC8/2020|2020-04-10|EPI_ISL_443031|Original|hCoV-19^|England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
> Spike| hCoV-19/USA/UT-UPHL-201228183/2020|2020-04-15|EPI_ISL_672566|Original|hCoV-19^|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
> Spike| hCoV-19/USA/NM-DOH-2020616750/2020|2020-12-12|EPI_ISL_751829|Original|hCoV-19^|New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Malone|USA
> Spike| hCoV-19/USA/TX-HMH-7371/2020|2020-06-29|EPI_ISL_546713|Original|hCoV-19^|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike| hCoV-19/Scotland/CVR3358/2020|2020-05-02|EPI_ISL_456788|Original|hCoV-19^|Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
> Spike| hCoV-19/England/QEUH-9646C3/2020|2020-08-10|EPI_ISL_536837|Original|hCoV-19^|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike| hCoV-19/Denmark/DGCC-1293/2020|2020-06-08|EPI_ISL_618077|Original|hCoV-19^|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark
> Spike| hCoV-19/Wales/PHWC-48012F/2020|2020-10-18|EPI_ISL_612853|Original|hCoV-19^|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike| hCoV-19/Denmark/DGCC-3062/2020|2020-08-31|EPI_ISL_616842|Original|hCoV-19^|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark
> Spike| hCoV-19/South Africa/KRISP-K001082/2020|2020-07-18|EPI_ISL_509335|Original|hCoV-19^|KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
> Spike| hCoV-19/Serbia/NP-011507/2020|2020-07-14|EPI_ISL_541652|Original|hCoV-19^|Novi Pazar|Human|Laboratory Diagnostic|Laboratory Diagnostic|Vidanovic|Serbia
> Spike| hCoV-19/Canada/QC-LSPQ-L00231966/2020|2020-03-22|EPI_ISL_535967|Original|hCoV-19^|Quebec|Human|CSSS Haut-Richelieu/Rouville (H\u00f4pital)|Laboratoire de sant\u00e9 du Qu\u00e9bec|Moreira|Canada
> Spike| hCoV-19/Luxembourg/LNS5524236/2020|2020-12-23|EPI_ISL_771059|Original|hCoV-19^|Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
> Spike| hCoV-19/USA/NY-NYCPHL-000415/2020|2020-03-29|EPI_ISL_631899|Original|hCoV-19^|New York|Human|Richmond University Medical Center|New York City Public Health Laboratory|Wang|USA
> Spike| hCoV-19/Wales/PHWC-4A1BA2/2020|2020-12-12|EPI_ISL_743786|Original|hCoV-19^|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike| hCoV-19/England/PORT-2D3462/2020|2020-04-14|EPI_ISL_535030|Original|hCoV-19^|England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
> Spike| hCoV-19| Denmark/DCGC-20292/2020| 2020-11-30| EPI_ISL_747679| Original| hCoV-19
> ^Syddanmark| Human| Department of Virus and Microbiological Special Diagnostics| Albertsen Lab| Michaelsen| Denmark

> Spike| hCoV-19| England/ALDP-9BCBFA/2020| 2020-09-09| EPI_ISL_573063| Original| hCoV-19
> ^England| Human| Oxford Viromics| COVID-19 Genomics UK (COG-UK)

Consortium| Golubchik| United Kingdom

> Spike| hCoV-19| England/ALDP-CB6A4B/2020| 2020-12-19| EPI_ISL_767106| Original| hCoV-19
> ^England| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom

> Spike| hCoV-19| Wales/PHWC-49C296/2020| 2020-12-07| EPI_ISL_742534| Original| hCoV-19
> ^Wales| Human| Wales Specialist Virology Centre Sequencing lab| COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom

> Spike| hCoV-19| Wales/PHWC-49C296/2020| 2020-12-07| EPI_ISL_742534| Original| hCoV-19
> ^Wales| Human| Wales Specialist Virology Centre Sequencing lab| COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom

> Spike| hCoV-19| England/LOND-D3D78/2020| 2020-04-04| EPI_ISL_449649| Original| hCoV-19
> ^England| Human| University College London| COVID-19 Genomics UK (COG-UK) Consortium| Roy| United Kingdom

> Spike| hCoV-19| England/LIVE-A9018/2020| 2020-03-26| EPI_ISL_517248| Original| hCoV-19
> ^England| Human| Liverpool Clinical Laboratories| COVID-19 Genomics UK (COG-UK) Consortium| Haldenby| United Kingdom

> Spike| hCoV-19| USA/WI-UW-534/2020| 2020-06-24| EPI_ISL_484909| Original| hCoV-19
> ^Wisconsin| Human| University of Wisconsin-Madison AIDS Vaccine Research Laboratories| University of Wisconsin-Madison AIDS Vaccine Research Laboratories| Baczunas| USA

> Spike| hCoV-19| Japan/PG-7758/2020| 2020-04-00| EPI_ISL_686860| Original| hCoV-19
> ^Japan| Human| Pathogen Genomics Center| Pathogen Genomics Center| Sekizuka| Japan

> Spike| hCoV-19| England/MILK-B8EA6B/2020| 2020-11-13| EPI_ISL_674628| Original| hCoV-19
> ^England| Human| Lighthouse Lab in Milton Keynes| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom

> Spike| hCoV-19| Spain/MD-IBV-99008806/2020| 2020-09-21| EPI_ISL_654157| Original| hCoV-19
> ^Madrid| Human| Hospital General Universitario Gregorio Marañón| SeqCOVID-SPAIN consortium| Comas| Spain

> Spike| hCoV-19| England/CAMC-C997A1/2020| 2020-12-18| EPI_ISL_777409| Original| hCoV-19
> ^England| Human| Lighthouse Lab in Cambridge| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom

> Spike| hCoV-19| South Africa/KRISP-K002650/2020| 2020-08-03| EPI_ISL_535520| Original| hCoV-19
> ^KwaZulu-Natal| Human| NHLS-IALCH| KRISP| de Oliveira| South Africa

> Spike| hCoV-19| England/CAMB-77B6D/2020| 2020-04-01| EPI_ISL_439479| Original| hCoV-19
> ^England| Human| Department of Pathology| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Amato| United Kingdom

> Spike| hCoV-19| Wales/PHWC-4A6C7D/2020| 2020-12-18| EPI_ISL_765111| Original| hCoV-19
> ^Wales| Human| Wales Specialist Virology Centre Sequencing lab| COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom

> Spike| hCoV-19| Denmark/DCGC-15076/2020| 2020-11-23| EPI_ISL_713622| Original| hCoV-19
> ^Sjaelland| Human| Department of Virus and Microbiological Special Diagnostics| Albertsen Lab| Michaelsen| Denmark

> Spike| hCoV-19| England/ALDP-CB6911/2020| 2020-12-16| EPI_ISL_761100| Original| hCoV-19
> ^England| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom

> Spike| hCoV-19| South Africa/NHLS-UCT-GS-1042/2020| 2020-10-28| EPI_ISL_700563| Original| hCoV-19
> ^Western Cape| Human| Conville CDC wc CVC| NHLS/UCT| Irandezadeh| South Africa

> Spike| hCoV-19| Scotland/CVR1710/2020| 2020-04-05| EPI_ISL_433657| Original| hCoV-19
> ^Scotland| Human| West of Scotland Specialist Virology Centre| COVID-19 Genomics UK (COG-UK) Consortium| Robertson| United Kingdom

> Spike| hCoV-19| France/IDF-9140/2020| 2020-09-15| EPI_ISL_593928| Original| hCoV-19
> ^u00cole-de-France| Human| Labo Analyses Med| National Reference Center for Viruses of Respiratory Infections| Enouf| France

> Spike| hCoV-19| USA/MI-MDHHS-SC21072/2020| 2020-03-25| EPI_ISL_507848| Original| hCoV-19
> ^Michigan| Human| Michigan Department of Health and Human Services| Michigan Department of Health and Human Services| Blankenship| USA
>Spike|hCoV-19|Denmark|DCGC-7455|2020-10-12|EPI_ISL_619369|Original|hCoV-19
^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spik|hCoV-19|USA/MDHHS-SC21851|2020-04-27|EPI_ISL_565894|Original|hCoV-19
^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spik|hCoV-19|USA/MA-MGH-00140|2020-03-26|EPI_ISL_460359|Original|hCoV-19
^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA
>Spik|hCoV-19|Denmark|DCGC-1078|2020-05-11|EPI_ISL_614503|Original|hCoV-19
^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spik|hCoV-19|USA/CA-CZB-1049|2020-04-05|EPI_ISL_437049|Original|hCoV-19
^California|Human|County of Santa Clara Public Health|Chan-Zuckerberg Biohub|Hao|USA
>Spik|hCoV-19|Brazil/S-P202CD422|2020-04-03|EPI_ISL_476355|Original|hCoV-19
^S\u00e3 Paulo|Human|DB Diagn\u00f3sticos do Brasil |Instituto de Medicina Tropical da Universidade de S\u00e3 Paulo|Sabino|Brazil
>Spik|hCoV-19|Jordan/AM-ALSR-4029|2020-10-02|EPI_ISL_636390|Original|hCoV-19
^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan
>Spik|hCoV-19|Canada/QC-LSPQ-L00230637|2020-03-21|EPI_ISL_535925|Original|hCoV-19
^Quebec|Human|CSSS Haut-Richelieu/Rouville (H\u00f4pital)|Laboratoire de sant\u00e9 public du Qu\u00e9bec|Moreira|Canada
>Spik|hCoV-19|England/GSTT-265E4FC|2020-03-31|EPI_ISL_484212|Original|hCoV-19
^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK)|Consortium|Awan|United Kingdom
>Spik|hCoV-19|England/PORT-2D24AF|2020-03-25|EPI_ISL_507148|Original|hCoV-19
^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK)|Consortium|Robson|United Kingdom
>Spik|hCoV-19|England/LIVE-99901|2020-04-08|EPI_ISL_439773|Original|hCoV-19
^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK)|Consortium|Haldenby|United Kingdom
>Spik|hCoV-19|England/MLK-BB065D|2020-11-17|EPI_ISL_720413|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)|Consortium|Davies|United Kingdom
>Spik|hCoV-19|Australia/VIC14846|2020-08-17|EPI_ISL_593028|Original|hCoV-19
^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spik|hCoV-19|England/20160120|2020-04-14|EPI_ISL_466441|Original|hCoV-19
^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spik|hCoV-19|USA/CA-CSMC84|2020-03-26|EPI_ISL_475700|Original|hCoV-19
^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA
>Spik|hCoV-19|England/MLK-BB06D67|2020-11-18|EPI_ISL_720116|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)|Consortium|Davies|United Kingdom
>Spik|hCoV-19|England/BIRM-61656|2020-04-30|EPI_ISL_493447|Original|hCoV-19
^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK)|Consortium|Loman|United Kingdom
>Spik|hCoV-19|USA/WA-UW-4316|2020-03-31|EPI_ISL_427258|Original|hCoV-19
^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spik|hCoV-19|Russia/StPetersburg-R116061S|2020-04-15|EPI_ISL_430108|Original|hCoV-19
^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Spik|hCoV-19|Denmark/DCGC-15035|2020-11-23|EPI_ISL_713595|Original|hCoV-19
^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19|USA|NY-NYCPHL-001468/2020|2020-11-27|EPI_ISL_683827|Original|hCoV-19
^New York|Human|DOHMH Crown Heights|New York City Public Health Laboratory|Wang|USA

> Spike|hCoV-19|England|BRIS-124CA7/2020|2020-03-26|EPI_ISL_443862|Original|hCoV-19
^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

> Spike|hCoV-19|Switzerland|UR-ETHZ-130007/2020|2020-05-06|EPI_ISL_467003|Original|hCoV-19^Uri|Human|Vollierv AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

> Spike|hCoV-19|Scotland|EDB4961/2020|2020-05-14|EPI_ISL_473809|Original|hCoV-19
^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

> Spike|hCoV-19|India|OR-ILSCV11996/2020|2020-05-09|EPI_ISL_463012|Original|hCoV-19
^Odisha|Human|Institute of Life Sciences|Immunogenomics lab|Raghav|India

> Spike|hCoV-19|USA|WA-UW-6528/2020|2020-04-05|EPI_ISL_437858|Original|hCoV-19
^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

> Spike|hCoV-19|USA|FL-BPHEL-0731/2020|2020-07-14|EPI_ISL_509789|Original|hCoV-19
^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

> Spike|hCoV-19|England|ALDP-9E9EEC/2020|2020-09-24|EPI_ISL_580172|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|USA|CA-ALSR-4376/2020|2020-07-21|EPI_ISL_648995|Original|hCoV-19
^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

> Spike|hCoV-19|England|ALDP-B462B2/2020|2020-11-07|EPI_ISL_656051|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19|USA|AZ-TG491707/2020|2020-06-25|EPI_ISL_695221|Original|hCoV-19
^Arizona|Human|AZ SPHL|TGen North|French|USA

> Spike|hCoV-19|Oman|205039531/2020|2020-05-28|EPI_ISL_492005|Original|hCoV-19
^Muscat|Human|Oman-NIC|Department of u00a0Microbiology|u00a0Microbiology|SQUH|AL Zadjali|Oman

> Spike|hCoV-19|Japan|PG-3992/2020|2020-07-00|EPI_ISL_692233|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sezikusa|Japan

> Spike|hCoV-19|England|BRIS-125532/2020|2020-03-27|EPI_ISL_443931|Original|hCoV-19
^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

> Spike|hCoV-19|USA|CA-CDC-4705/2020|2020-06-04|EPI_ISL_535682|Original|hCoV-19
^California|Human|CDPH|Pathogen Discovery|Queen|USA

> Spike|hCoV-19|Wales|PHWC-16P44E/2020|2020-10-05|EPI_ISL_585966|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19|England|QEUH-9B5010/2020|2020-09-07|EPI_ISL_590230|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|Scotland|CVR1997/2020|2020-04-09|EPI_ISL_438868|Original|hCoV-19
^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

> Spike|hCoV-19|Australia|NSW2173/2020|2020-03-18|EPI_ISL_500644|Original|hCoV-19
^New South Wales|Human|Area of Virology|Area of Virology|Bull|Australia

> Spike|hCoV-19|England|QEUH-96B3E3/2020|2020-08-14|EPI_ISL_531396|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|England|NORW-EE77C/2020|2020-00-00|EPI_ISL_529245|Original|hCoV-19
^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Allikhan|United Kingdom

> Spike|hCoV-19|Spain|CT-ISCIIT-202050/2020|2020-03-01|EPI_ISL_539551|Original|hCoV-19
^Catalunya|Human|Hospital Cl\u00ednic|Instituto de Salud Carlos III|Caballero|Spain
Spike|hCoV-19|England|20140069404/2020|2020-03-30|EPI_ISL_423404|Original|hCoV-19||England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
Spike|hCoV-19|Japan|PG-2428/2020|2020-04-04|EPI_ISL_686033|Original|hCoV-19||Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19|Australia|VIC6395/2020|2020-07-24|EPI_ISL_521187|Original|hCoV-19||Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19|USA|WI-GMF-17533/2020|2020-08-28|EPI_ISL_547745|Original|hCoV-19||Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA
Spike|hCoV-19|England|ALDP-6E5B82/2020|2020-07-01|EPI_ISL_557609|Original|hCoV-19||England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England|ALDP-9553EC/2020|2020-06-12|EPI_ISL_553618|Original|hCoV-19||England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England|CAMC-B355DB/2020|2020-11-05|EPI_ISL_659639|Original|hCoV-19||England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|England|NOTT-10E423/2020|2020-03-22|EPI_ISL_425544|Original|hCoV-19||England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
Spike|hCoV-19|Spain|MD-IBV-99012384/2020|2020-11-18|EPI_ISL_780019|Original|hCoV-19||Madrid|Human|Hospital General Universitario Gregorio Marañón|u00f1|u00f3n|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
Spike|hCoV-19|England|ALDP-B83AC0/2020|2020-11-14|EPI_ISL_675470|Original|hCoV-19||England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|Netherlands|Gelderland_46/2020|2020-04-22|EPI_ISL_460946|Original|hCoV-19||Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
Spike|hCoV-19|England|QUEH-C14E8B/2020|2020-12-06|EPI_ISL_709502|Original|hCoV-19||England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|Japan|687537/2020|2020-09-09|EPI_ISL_687537|Original|hCoV-19||Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19|England|ALDP-B491FE/2020|2020-11-07|EPI_ISL_649428|Original|hCoV-19||England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|England|MLK-A6BAB0/2020|2020-10-09|EPI_ISL_608734|Original|hCoV-19||England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Wales|PHWC-481BA8/2020|2020-10-18|EPI_ISL_613152|Original|hCoV-19||Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19|Australia|NSW277/2020|2020-04-02|EPI_ISL_451541|Original|hCoV-19||New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spike|hCoV-19/USA/NY-QDX-125/2020|2020-03-16|EPI_ISL_467885|Original|hCoV-19~New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spkie|hCoV-19/Japan/PG-4749/2020|2020-07-00|EPI_ISL_689885|Original|hCoV-19~Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spkie|hCoV-19/Denmark/DGCC-6756/2020|2020-04-20|EPI_ISL_622402|Original|hCoV-19~Hovedstadten|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spkie|hCoV-19/USA/WI-UW-1145/2020|2020-08-13|EPI_ISL_522902|Original|hCoV-19~Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spkie|hCoV-19/USA/CA-ALSR-1583/2020|2020-05-05|EPI_ISL_494671|Original|hCoV-19~California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spkie|hCoV-19/England/205090725/2020|2020-12-12|EPI_ISL_768809|Original|hCoV-19~England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spkie|hCoV-19/USA/FL-BPHL-0908/2020|2020-06-30|EPI_ISL_517798|Original|hCoV-19~Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spkie|hCoV-19/England/CAMB-7ADBF/2020|2020-04-08|EPI_ISL_433876|Original|hCoV-19~England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spkie|hCoV-19/USA/WA-S2244/2020|2020-06-09|EPI_ISL_497672|Original|hCoV-19~Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spkie|hCoV-19/Wales/PHWC-49A104/2020|2020-11-30|EPI_ISL_727496|Original|hCoV-19~Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spkie|hCoV-19/England/QEUH-BC3B67/2020|2020-11-25|EPI_ISL_704159|Original|hCoV-19~England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spkie|hCoV-19/England/LOND-DA3E8/2020|2020-11-07|EPI_ISL_724626|Original|hCoV-19~England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spkie|hCoV-19/USA/CA-CZB-3649/2020|2020-07-15|EPI_ISL_516724|Original|hCoV-19~California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA
>Spkie|hCoV-19/USA/UT-0680/2020|2020-04-06|EPI_ISL_435381|Original|hCoV-19~Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spkie|hCoV-19/USA/FL-QDX-230/2020|2020-04-18|EPI_ISL_498711|Original|hCoV-19~Florida|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spkie|hCoV-19/USA/TX-HMH0325/2020|2020-03-28|EPI_ISL_434937|Original|hCoV-19~Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spkie|hCoV-19/Luxembourg/LNS2913521/2020|2020-03-26|EPI_ISL_429746|Original|hCoV-19~Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Wienecke-Baldacchino|Luxembourg
>Spkie|hCoV-19/USA/CA-ALSR-0492-SAN/2020|2020-04-01|EPI_ISL_483177|Original|hCoV-19~California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA
>Spkie|hCoV-19/France/PAC-MEPHI-1665/2020|2020-09-15|EPI_ISL_644393|Original|hCoV-19~Provence-Alpes-Cote-du2019Azur|Human|MEPHI|MEPHI|Levasseur|France
>Spkie|hCoV-19/England/QEUH-A9D29F/2020|2020-10-20|EPI_ISL_727776|Original|hCoV-19~England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spkie|hCoV-19/Belgium/ULG-6638/2020|2020-03-14|EPI_ISL_417017|Original|hCoV-19~Li\u00e9u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
>Spkie|hCoV-19/USA/TX-HMH-MCoV-9541/2020|2020-07-07|EPI_ISL_781174|Original|hCoV-19~Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Australia/VIC6147/2020|2020-07-22|EPI_ISL_518158|Original|hCoV-19
^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL
and MDU-PHL|Schultz|Australia
>Sp….linライフ科学研究所|EPI_ISL_436077|Original|hCoV-19
^New
York|Human|NYC Department of Health and Mental Hygiene|Pathogen Discovery|Queen|USA
>Sp…ll|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK)
Consortium|Meredith|United Kingdom
>Sp…ll|Chile/RM-194896/2020|2020-09-30|EPI_ISL_746756|Original|hCoV-19
^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile
>Sp…ll|USA/LA-EVTL89/2020|2020-07-23|EPI_ISL_653480|Original|hCoV-19
^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Sp…ll|Australia/SAP014/2020|2020-04-02|EPI_ISL_468019|Original|hCoV-19
^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia
>Sp…ll|Wales/PHWC-27128/2020|2020-03-29|EPI_ISL_422197|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Sp…ll|England/PORT-2D4391/2020|2020-09-20|EPI_ISL_577201|Original|hCoV-19
^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK)
Consortium|Robson|United Kingdom
>Sp…ll|USA/CT-Yale-303/2020|2020-03-30|EPI_ISL_476532|Original|hCoV-19
^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA
>Sp…ll|England/MILK-9A91C1/2020|2020-08-31|EPI_ISL_551186|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp…ll|England/ALDP-A6E19A/2020|2020-10-15|EPI_ISL_607025|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp…ll|USA/AT-TG666122/2020|2020-03-26|EPI_ISL_696208|Original|hCoV-19
^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA
>Sp…ll|Wales/QEUH-A0BB46/2020|2020-10-01|EPI_ISL_599164|Original|hCoV-19
^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp…ll|Scotland/EDB8627/2020|2020-10-22|EPI_ISL_651983|Original|hCoV-19
^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK)
Consortium|McHugh|United Kingdom
>Sp…ll|Denmark/DGCC-14518/2020|2020-11-30|EPI_ISL_711814|Original|hCoV-19
^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelson|Denmark
>Sp…ll|USA/FI-BPHL-1790/2020|2020-07-31|EPI_ISL_613892|Original|hCoV-19
^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Sp…ll|USA/MI-MDHHS-SC22391/2020|2020-11-09|EPI_ISL_708371|Original|hCoV-19
^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA
>Sp…ll|England/ALDP-9E73D0/2020|2020-09-24|EPI_ISL_580356|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp…ll|France/ARA-13095/2020|2020-03-24|EPI_ISL_420623|Original|hCoV-19
^Auvergne-Rhône-Alpes|Human|Institut des Agents Infectieux (IAI)|CNR Virus des Infections Respiratoires - France SUD|Josset|France
>Sp…ll|England/QEUH-9DA7A7/2020|2020-09-22|EPI_ISL_601285|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp…ll|USA/WA-CDC-8380/2020|2020-03-03|EPI_ISL_594453|Original|hCoV-19
^Washington|Human|Washington State Public Health Laboratories|Pathogen Discovery|Queen|USA

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**Note:** The text appears to list various reports or publications related to COVID-19, mentioning locations, laboratories, and organizations involved in COVID-19 genomics and other related research. The text includes references to specific geographical locations, laboratories, and entities involved in the study or analysis of the virus.
Spike|hCoV-19|USA/TX-DHS-0512/2020|2020-06-21|EPI_ISL_560955|Original|hCoV-19^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
Spike|hCoV-19|England/QEH-96A29C/2020|2020-08-13|EPI_ISL_536919|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Wales/PHWC-16342C/2020|2020-04-30|EPI ISL 473294|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|USA/NY-NYUMC692/2020|2020-03-26|EPI_ISL_451407|Original|hCoV-19^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
Spike|hCoV-19|Scotland/QEUH-9AC360/2020|2020-10-20|EPI_ISL_652632|Original|hCoV-19^Scotland|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Canada/NS-NML-1358/2020|2020-04-14|EPI_ISL_579735|Original|hCoV-19^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Major|Canada
Spike|hCoV-19|England/ALDP-A6DE94/2020|2020-10-14|EPI_ISL_607821|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/CAMB-7C63A/2020|2020-04-04|EPI_ISL_441616|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
Spike|hCoV-19|Canada/QC-LSPQ-L00226589/2020|2020-03-18|EPI_ISL_535849|Original|hCoV-19^Quebec|Human|Centre de SSS de Trois-Rivi\u00e8res|Laboratoire de sant\u00e9 publique du Qu\u00ebbec|Moreira|Canada
Spike|hCoV-19|México/BCN-ALSR-2546/2020|2020-06-29|EPI_ISL_635549|Original|hCoV-19^Baja California|Human|Centro de Diagn\u00f3\u00f1o\u221a\u2225rico COVID-19 UABC Tijuana|Andersen lab at Scripps Research|Gangavarapu|Mexico
Spike|hCoV-19|Wales/PHWC-47DD6D/2020|2020-10-13|EPI_ISL_595359|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA/NY-NYCPHL-000065/2020|2020-03-12|EPI_ISL_631558|Original|hCoV-19^New York|Human|NYU Langone Health|New York City Public Health Laboratory|Wang|USA
Spike|hCoV-19|Czech Republic/NRL_9837/2020|2020-10-12|EPI_ISL_626608|Original|hCoV-19^Central Bohemian Region|Human|The National Institute of Public Health|State Veterinary Institute Prague|Nagy|Czech Republic
Spike|hCoV-19|USA/MD-HP00015/2020|2020-03-17|EPI_ISL_434690|Original|hCoV-19^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Raman|USA
Spike|hCoV-19|India/MH-NIV-15768/2020|2020-04-27|EPI_ISL_479502|Original|hCoV-19^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India
Spike|hCoV-19|USA/MN-MDH-2219/2020|2020-12-04|EPI_ISL_770793|Original|hCoV-19^Minnesota|Human|Hennepin County Medical Center|Minnesota Department of Health|Lorentz|USA
Spike|hCoV-19|England/ALDP-C47CFE/2020|2020-12-12|EPI_ISL_718964|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA/TX-HMH-7164/2020|2020-06-29|EPI_ISL_546560|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|Wales/PHWC-16D0F1/2020|2020-09-23|EPI_ISL_574202|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Australia/NW3644/2020|2020-12-08|EPI_ISL_717708|Original|hCoV-19^New South Wales|Human|Area of Virology|Virology Research Laboratory; Area of Virology|Foster|Australia
>Spike|hCoV-19/USA/TX-HMH-MCoV-14394/2020|2020-10-07|EPI_ISL_787679|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Scotland/GCVR-16FB76/2020|2020-03-19|EPI_ISL_489649|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/LOND-D520E/2020|2020-04-15|EPI_ISL_449689|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spike|hCoV-19/Norway/3722/2020|2020-09-01|EPI_ISL_591015|Original|hCoV-19^^Viken|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Vollan|Norway
>Spike|hCoV-19/USA/FL-BPHL-0992/2020|2020-07-02|EPI_ISL_517882|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/England/MILK-97055E/2020|2020-08-19|EPI_ISL_553139|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/EDB11091/2020|2020-12-12|EPI_ISL_763732|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Mchugh|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-7331/2020|2020-06-29|EPI_ISL_546680|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/EXET-13BC9E/2020|2020-09-00|EPI_ISL_679362|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-14314/2020|2020-10-06|EPI_ISL_787599|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/QEUB-AD341F/2020|2020-10-26|EPI_ISL_634182|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUB-C14BC0/2020|2020-12-06|EPI_ISL_709509|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/CA-CZB-3708/2020|2020-07-22|EPI_ISL_548395|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA
>Spike|hCoV-19/USA/TX-HMH-3687/2020|2020-06-15|EPI_ISL_543107|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Canada/NS-NML-1257/2020|2020-04-06|EPI_ISL_579647|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada
>Spike|hCoV-19/England/QEUB-BA174D/2020|2020-11-18|EPI_ISL_719718|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-9E7482/2020|2020-09-24|EPI_ISL_594472|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/England/QEUB-AC55BF4/2020|2020-10-30|EPI_ISL_663172|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Saudi Arabia|KAUST-MADINAH1118/2020|2020-06-11|EPI_ISL_677978|Original|hCoV-19|Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19|Gibraltar|205121230/2020|2020-00-00|EPI_ISL_766355|Original|hCoV-19|Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19|England/NORT-1B62AC4/2020|2020-11-28|EPI_ISL_703727|Original|hCoV-19|England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / COVID-19 Genomics UK (COG-UK) consortium|Bashton|United Kingdom

>Spike|hCoV-19|England/QEUH-B0E456/2020|2020-11-02|EPI_ISL_642054|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|Japan/PG-1274/2020|2020-03-00|EPI_ISL_684883|Original|hCoV-19|Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19|England/OXON-AF9CC/2020|2020-04-08|EPI_ISL_478791|Original|hCoV-19|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) consortium|Golubchik|United Kingdom

>Spike|hCoV-19|USA/AZ-TG411266/2020|2020-06-24|EPI_ISL_694972|Original|hCoV-19|Arizona|Human|Virology Department|COVID-19 Genomics UK (COG-UK) consortium|de Silva|United Kingdom

>Spike|hCoV-19|England/ALDP-9E57C7/2020|2020-09-24|EPI_ISL_589354|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|Bangladesh/CHRF-0036/2020|2020-05-13|EPI_ISL_768732|Original|hCoV-19|Bangladesh|Human|Child Health Research Foundation|Child Health Research Foundation|Saha|Bangladesh

>Spike|hCoV-19|Hungary/SRC-00066/2020|2020-03-20|EPI_ISL_435403|Original|hCoV-19|Baranya|Human|Virological Research Group|Bioinformatics Research Group|Herczeg|Hungary

>Spike|hCoV-19|USA/UT-UPHL-2009527/2020|2020-07-18|EPI_ISL_605208|Original|hCoV-19|Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19|Israel/51141014/2020|2020-03-22|EPI_ISL_447321|Original|hCoV-19|South District|Human|Clinical Virology Laboratory|Stern Lab|Miller|Israel

>Spike|hCoV-19|USA/CA-CZB-12350/2020|2020-10-12|EPI_ISL_648422|Original|hCoV-19|California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19|England/NOTT-121457/2020|2020-12-16|EPI_ISL_741636|Original|hCoV-19|England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) consortium|Loose|United Kingdom

>Spike|hCoV-19|USA/CA-CZB-12936/2020|2020-10-18|EPI_ISL_672362|Original|hCoV-19|California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19|Denmark/DCGC-18775/2020|2020-12-07|EPI_ISL_748548|Original|hCoV-19|Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19|Australia/VIC17299/2020|2020-07-30|EPI_ISL_663825|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19|USA/TX-HMH-MCoV-14519/2020|2020-10-09|EPI_ISL_787804|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19|England/MILK-994DE3/2020|2020-08-25|EPI_ISL_552317|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|Japan/PG-1562/2020|2020-04-00|EPI_ISL_685168|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
Oliveira|South Africa
30|EPI_ISL_535410|Original|hCoV-19
> Spike
> England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium
|Goodfellow|United Kingdom
> Spike|hCoV-19|Denmark/DGCC-8773|2020|2020-10-26|EPI_ISL_626064|Original|hCoV-19
> Novedstaden|Human|Department of Virus and Microbiological Special Diagnostics
|Albertsen lab|Michaelsen|Denmark
> Spike|hCoV-19|England/LIVE-A843B|2020|2020-03-26|EPI_ISL_517163|Original|hCoV-19
> England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium
|Haldenby|United Kingdom
> Spike|hCoV-19|England/LIVE-DC1912|2020|2020-11-20|EPI_ISL_705811|Original|hCoV-19
> England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium
|Haldenby|United Kingdom
> Spike|hCoV-19|USA/FL-PBH-0999|2020|2020-07-10|EPI_ISL_517889|Original|hCoV-19
> Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories
|Blanton|USA
> Spike|hCoV-19|Luxembourg/LNS0724201|2020|2020-04-22|EPI_ISL_445054|Original|hCoV-19
> Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante
|Wienecke-Baldacchino|Luxembourg
> Spike|hCoV-19|Denmark/DGCC-20858|2020|2020-12-21|EPI_ISL_759079|Original|hCoV-19
> Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics
|Albertsen Lab|Michaelsen|Denmark
> Spike|hCoV-19|USA/TX-HMH-5425|2020|2020-06-24|EPI_ISL_544767|Original|hCoV-19
> Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital
|Long|USA
> Spike|hCoV-19|USA/UT-UPHL-2008990|2020|2020-05-14|EPI_ISL_525304|Original|hCoV-19
> Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory
|Young|USA
> Spike|hCoV-19|England/ALDP-95A8BB|2020|2020-06-13|EPI_ISL_553437|Original|hCoV-19
> England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium
|Davies|United Kingdom
> Spike|hCoV-19|Netherlands/Gelderland 128|2020|2020-05-22|EPI_ISL_460889|Original|hCoV-19
> Gelderland|Human|Dutch COVID-19 response team
|Erasmus Medical Center|Oude Munnink|Netherlands
> Spike|hCoV-19|Wales/PHWC-169514|2020|2020-05-07|EPI_ISL_499453|Original|hCoV-19
> Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium
|Moore|United Kingdom
> Spike|hCoV-19|England/20079000404|2020|2020-02-14|EPI_ISL_464172|Original|hCoV-19
> England|Human|Respiratory Virus Unit|Respiratory Virus Unit
|Platt|United Kingdom
> Spike|hCoV-19|Germany/HH-hpi-p1643|2020|2020-03-17|EPI_ISL_776080|Original|hCoV-19
> Hamburg|Human|University Medical Center Hamburg Eppendorf
|Heinrich Pette Institute
|Robitaille|Germany
> Spike|hCoV-19|Japan/PG-6421|2020|2020-07-00|EPI_ISL_689527|Original|hCoV-19
> Japan|Human|Pathogen Genomics Center
|Seikizuka|Japan
> Spike|hCoV-19|England/BRIS-133CA5|2020|2020-08-20|EPI_ISL_529337|Original|hCoV-19
> England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium
|Loman|United Kingdom
> Spike|hCoV-19|USA/NY-PV09431|2020|2020-03-11|EPI_ISL_450108|Original|hCoV-19
> New York|Human
|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program
|van Bakel|USA
> Spike|hCoV-19|England/CAMC-B35EEF|2020|2020-11-05|EPI_ISL_645331|Original|hCoV-19
> England|Human|Lighthouse Lab in Cambridge
|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
|Davies|United Kingdom
> Spike|hCoV-19|England/QEUH-A61EDC|2020|2020-10-12|EPI_ISL_706941|Original|hCoV-19
> England|Human|Oxford Viromics
|COVID-19 Genomes UK (COG-UK)
|Consortium
|Golubchik|United Kingdom
> Spike|hCoV-19|England/20110628|2020|2020-03-10|EPI_ISL_464797|Original|hCoV-19
> England|Human|Respiratory Virus Unit|Respiratory Virus Unit
|Platt|United Kingdom
> Spike|hCoV-19|South Africa/KRISP-K002537|2020|2020-07-30|EPI_ISL_535410|Original|hCoV-19
> KwaZulu-Natal|Human
|NHLS-IALCH|KRISP
de Oliveira|South Africa
Spike|hCoV-19/USA/MN-MDH-2133/2020|2020-11-05|EPI_ISL_708471|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA
Spike|hCoV-19/Australia/NSW3631/2020|2020-12-08|EPI_ISL_717703|Original|hCoV-19^^New South Wales|Human|Area of Virology|Virology Research Laboratory; Area of Virology|Foster|Australia
Spike|hCoV-19/USA/AZ-TG618660/2020|2020-08-17|EPI_ISL_695705|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA
Spike|hCoV-19/England/ALDPE-9514CF/2020|2020-06-13|EPI_ISL_554576|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom
Spike|hCoV-19/Canada/QC-LSPQ-L00242370/2020|2020-03-29|EPI_ISL_536318|Original|hCoV-19^^Quebec|Human|H\u00e9pital du Suro\u00eet; Laboratoire de santé\u00e9 public du Québec|Moreira|Canada
Spike|hCoV-19/USA/WI-UW-1041/2020|2020-08-03|EPI_ISL_516467|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
Spike|hCoV-19/England/MILK-A4682A/2020|2020-10-06|EPI_ISL_598538|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/QUEH-B41114/2020|2020-11-08|EPI_ISL_658417|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/CA-SR0452/2020|2020-03-30|EPI_ISL_467975|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
Spike|hCoV-19/England/QUEH-9E3F67/2020|2020-09-24|EPI_ISL_579831|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Australia/VIC7765/2020|2020-08-02|EPI_ISL_564640|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19/USA/NY-NYUMC245/2020|2020-04-03|EPI_ISL_428759|Original|hCoV-19^^New York|Human|NYU Langone Departments of Pathology and Medicine|Maurano|USA
Spike|hCoV-19/USA/TX-HMH-1972/2020|2020-05-19|EPI_ISL_542928|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/England/CAMC-A6464A/2020|2020-10-09|EPI_ISL_608949|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/South Korea/KCDC2561/2020|2020-06-25|EPI_ISL_514964|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea
Spike|hCoV-19/Japan/PG-6916/2020|2020-09-00|EPI_ISL_688023|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19/Wales/PHWC-47F475/2020|2020-10-11|EPI_ISL_612679|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/England/SHEF-C7885/2020|2020-04-18|EPI_ISL_462032|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
Spike|hCoV-19/Netherlands/ZH-EMC-1211/2020|2020-00-00|EPI_ISL_763281|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
Spike|hCoV-19/England/CAMB-1AA395/2020|2020-04-15|EPI_ISL_443411|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
> Spike|hCoV-19/Northern Ireland/QEUH-9642FC/2020|2020-08-12|EPI_ISL_536912|Original|hCoV-19^^^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/CAMC-B7A4DD/2020|2020-11-12|EPI_ISL_741117|Original|hCoV-19^^^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
> Spike|hCoV-19/USA/LA-GBCL-26492449/2020|2020-04-28|EPI_ISL_485029|Original|hCoV-19^^^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA
> Spike|hCoV-19/India/MH-ACTREC-231/2020|2020-07-02|EPI_ISL_699884|Original|hCoV-19^^^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
> Spike|hCoV-19/Canada/BC_05942483/2020|2020-04-00|EPI_ISL_466795|Original|hCoV-19^^^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada
> Spike|hCoV-19/Wales/PHWC-4886EC/2020|2020-11-02|EPI_ISL_639422|Original|hCoV-19^^^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/England/QEUH-CC2C82/2020|2020-12-21|EPI_ISL_760787|Original|hCoV-19^^^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/Switzerland/BE-ETHZ-300395/2020|2020-09-29|EPI_ISL_603362|Original|hCoV-19^^^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
> Spike|hCoV-19/USA/TX-HMH-5162/2020|2020-06-26|EPI_ISL_544569|Original|hCoV-19^^^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19/Wales/PHWC-486D25/2020|2020-10-25|EPI_ISL_639127|Original|hCoV-19^^^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Wales/PHWC-16AE45/2020|2020-09-09|EPI_ISL_560207|Original|hCoV-19^^^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/USA/NY-Wadsworth-237084-01/2020|2020-10-05|EPI_ISL_734322|Original|hCoV-19^^^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
> Spike|hCoV-19/Belgium/ULG-10411/2020|2020-08-21|EPI_ISL_540578|Original|hCoV-19^^^^Li|u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
> Spike|hCoV-19/Japan/PG-7373/2020|2020-06-00|EPI_ISL_688475|Original|hCoV-19^^^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
> Spike|hCoV-19/England/QEUH-BCD6A8/2020|2020-11-26|EPI_ISL_704349|Original|hCoV-19^^^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/England/LIVE-99691/2020|2020-04-09|EPI_ISL_439747|Original|hCoV-19^^^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
> Spike|hCoV-19/USA/CA-CZB-1275/2020|2020-04-16|EPI_ISL_454612|Original|hCoV-19^^^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA
> Spike|hCoV-19/USA/MN-MDH-1968/2020|2020-10-24|EPI_ISL_634842|Original|hCoV-19^^^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA
> Spike|hCoV-19/England/CAMB-82D5A/2020|2020-04-14|EPI_ISL_443542|Original|hCoV-19^^^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
> Spike|hCoV-19/England/BRIS-12B420/2020|2020-05-24|EPI_ISL_487593|Original|hCoV-19^^^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|Scotland|EDB3023|2020|2020-04-03|EPI_ISL_488891|Original|hCoV-19
> ^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19
Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England|QEUH-9981E3|2020|2020-08-26|EPI_ISL_537199|Original|hCoV-19
> ^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19
Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England|MILK-99A354|2020|2020-08-29|EPI_ISL_550407|Original|hCoV-19
> ^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19
Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England|ALDP-B24EF2|2020|2020-11-04|EPI_ISL_649487|Original|hCoV-19
> ^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19
Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Canada|MB-NML-652|2020|2020-03-12|EPI_ISL_632931|Original|hCoV-19
> ^Manitoba|Human|Cadham Provincial laboratory|Cadham Provincial
Laboratory|Majer|Canada
> Spike|hCoV-19|USA|LA-EVT546|2020|2020-08-05|EPI_ISL_578950|Original|hCoV-19
> ^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome
Sequencing Center|Kamil|USA
> Spike|hCoV-19|USA|GA-CDC-5108|2020|2020-06-29|EPI_ISL_566094|Original|hCoV-19
> ^Georgia|Human|GA Department of Public Health Laboratory|Pathogen
Discovery|Queen|USA
> Spike|hCoV-19|Denmark|DCGC-4531|2020|2020-09-21|EPI_ISL_621327|Original|hCoV-19
> ^Nordjylland|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen Lab|Michaelсен|Denmark
> Spike|hCoV-19|Denmark|DCGC-17760|2020|2020-12-14|EPI_ISL_749550|Original|hCoV-19
> ^Syddanmark|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen Lab|Michaelсен|Denmark
> Spike|hCoV-19|USA|MI-MDHHS-SC20351|2020|2020-03-30|EPI_ISL_450630|Original|hCoV-19
> ^Michigan|Human|Michigan Department of Health and Human Services|Michigan
Department of Health and Human Services|Blankenship|USA
> Spike|hCoV-19|England|QEUH-AAAFA7|2020|2020-10-20|EPI_ISL_652759|Original|hCoV-19
> ^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK)
Consortium|Golubchik|United Kingdom
> Spike|hCoV-19|India|TG-CCMB-J043|2020|2020-03-31|EPI_ISL_447560|Original|hCoV-19
> ^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for
Cellular and Molecular Biology|Banu|India
> Spike|hCoV-19|Scotland|QEUH-9E390F|2020|2020-09-24|EPI_ISL_585526|Original|hCoV-19
> ^Scotland|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust /
North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS
Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK)
Consortium|Bashton|United Kingdom
> Spike|hCoV-19|USA|CA-CZB-13487|2020|2020-10-24|EPI_ISL_672523|Original|hCoV-19
> ^California|Human|Madera County Department of Public Health|Chan-Zuckerberg
Biohub|Bhatt|USA
> Spike|hCoV-19|USA|MA-MGH-03147|2020|2020-09-07|EPI_ISL_765719|Original|hCoV-19
> ^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease
Program|Park|USA
> Spike|hCoV-19|England|MILK-957890|2020|2020-06-09|EPI_ISL_553905|Original|hCoV-19
> ^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|USA|MA-MGH-03398|2020|2020-11-11|EPI_ISL_765816|Original|hCoV-19
> ^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease
Program|Park|USA
>Spike|hCoV-19/Spain/AN-IBV-006123/2020|2020-07-09|EPI_ISL_510452|Original|hCoV-19|Andalucia|Human|Hospital Universitario Virgen de las Nieves de Granada-SAS|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>Spik|hCoV-19/England/CAMB-844AE/2020|2020-04-16|EPI_ISL_443639|Original|hCoV-19|England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spik|hCoV-19/Spain/PV-IBV-001498/2020|2020-03-19|EPI_ISL_467157|Original|hCoV-19|Basque Country|Human|Hospital Universitario Araba. Vitòria-Gasteiz|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>Spik|hCoV-19/USA/LA-EVT609/2020|2020-07-01|EPI_ISL_579013|Original|hCoV-19|Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spik|hCoV-19/India/MH-ACO4-374/2020|2020-07-24|EPI_ISL_700023|Original|hCoV-19|Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
>Spik|hCoV-19/USA/UT-UPHL-201026960/2020|2020-06-22|EPI_ISL_611501|Original|hCoV-19|Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spik|hCoV-19/USA/MI-UM-10036150579/2020|2020-09-26|EPI_ISL_590732|Original|hCoV-19|Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>Spik|hCoV-19/England/OEUH-B112ED/2020|2020-11-02|EPI_ISL_642600|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/Wales/ALDP-8B549A/2020|2020-11-21|EPI_ISL_710737|Original|hCoV-19|Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/England/LIVE-AABE9/2020|2020-07-31|EPI_ISL_540603|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spik|hCoV-19/England/CAMB-7911E/2020|2020-04-03|EPI_ISL_441130|Original|hCoV-19|England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spik|hCoV-19/India/UN-781/2020|2020-03-03|EPI_ISL_420553|Original|hCoV-19|India|Human|National Influenza Center|Indian Council of Medical Research-National Institute of Virology|Yadav|India
>Spik|hCoV-19/England/OEUH-9B56C3/2020|2020-09-03|EPI_ISL_590237|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/cat/Greece/2K/2020|2020-11-23|EPI_ISL_717979|Original|hCoV-19|Thessaloniki|Felis catus|Laboratory of Microbiology and Infectious Diseases|Laboratory of Biology|Dovrolis|Greece
>Spik|hCoV-19/England/LOND-1264481/2020|2020-11-17|EPI_ISL_705964|Original|hCoV-19|England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spik|hCoV-19/England/LIVE-9FA35/2020|2020-06-03|EPI_ISL_472034|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spik|hCoV-19/Wales/PHWC-251E4/2020|2020-03-23|EPI_ISL_420983|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
Spike|hCoV-19/USA/CO-CDPHE-2021020245/2020|2020-11-01|EPI_ISL_771238|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Pupil Health and Environment|Bankers|USA
*Spike|hCoV-19/Spain/CL-IBV-97006153/2020|2020-04-05|EPI_ISL_537300|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le"u00f3n|SegCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
*Spike|hCoV-19/England/LIVE-DB39E6/2020|2020-10-21|EPI ISL_650194|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
*Spike|hCoV-19/England/QEUH-A620E4/2020|2020-10-12|EPI_ISL_706958|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
*Spike|hCoV-19/Wales/PHWC-49DDA3/2020|2020-12-04|EPI_ISL_742909|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
*Spike|hCoV-19/England/QEUH-9F972A/2020|2020-09-26|EPI_ISL_589234|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
*Spike|hCoV-19/USA/TX-HMH-MCoV-16348/2020|2020-11-01|EPI_ISL_786032|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
*Spike|hCoV-19/Denmark/DCGC-8360/2020|2020-10-26|EPI_ISL_617375|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
*Spike|hCoV-19/England/MILK-9E09A8/2020|2020-09-20|EPI_ISL_601379|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
*Spike|hCoV-19/England/MILK-B028FC/2020|2020-10-24|EPI_ISL_642863|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
*Spike|hCoV-19/Netherlands/UT-RIVM-20392/2020|2020-12-08|EPI_ISL_728612|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
*Spike|hCoV-19/England/CAMB-76ABC/2020|2020-03-29|EPI_ISL_438309|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
*Spike|hCoV-19/England/23137/2020|2020-12-14|EPI_ISL_749774|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
*Spike|hCoV-19/USA/MI-MDHSS-SC22492/2020|2020-11-08|EPI_ISL_708593|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA
*Spike|hCoV-19/Netherlands/ZH-EMC-1096/2020|2020-12-03|EPI_ISL_722322|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
*Spike|hCoV-19/England/QEUH-B3F8E7/2020|2020-11-08|EPI_ISL_658548|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
*Spike|hCoV-19/Wales/PHWC-4847A1/2020|2020-10-23|EPI_ISL_627105|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
*Spike|hCoV-19/USA/TX-HMH-7082/2020|2020-06-27|EPI_ISL_546489|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
*Spike|hCoV-19/England/MILK-A7D81B/2020|2020-10-13|EPI_ISL_606526|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
*Spike|hCoV-19/England/MILK-B598AB/2020|2020-11-06|EPI_ISL_679881|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/USA/WA-1865/2020|2020-03-23|EPI_ISL_424330|Original|hCoV-19
>Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DGCC-1181/2020|2020-10-26|EPI_ISL_671149|Original|hCoV-19
^^Rovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark

>Spike|hCoV-19/Denmark/DGCC-21871/2020|2020-12-21|EPI_ISL_758422|Original|hCoV-19
^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark

>Spike|hCoV-19/South Korea/KDCA0014/2020|2020-09-03|EPI_ISL_747255|Original|hCoV-19
^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Denmark/DGCC-7396/2020|2020-10-12|EPI_ISL_619351|Original|hCoV-19
^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark

>Spike|hCoV-19/Japan/PG-2818/2020|2020-04-00|EPI_ISL_690945|Original|hCoV-19
^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-809755/2020|2020-07-15|EPI_ISL_557321|Original|hCoV-19
^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR3956/2020|2020-07-13|EPI_ISL_499354|Original|hCoV-19
^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-151D15/2020|2020-03-28|EPI_ISL_472679|Original|hCoV-19
^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-9C7DC9/2020|2020-09-13|EPI_ISL_602032|Original|hCoV-19
^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9DDBA4/2020|2020-09-21|EPI_ISL_601467|Original|hCoV-19
^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-EEC40/2020|2020-08-24|EPI_ISL_540694|Original|hCoV-19
^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1506/2020|2020-07-28|EPI_ISL_581508|Original|hCoV-19
^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/India/TG-CCMB-X67/2020|2020-07-14|EPI_ISL_528863|Original|hCoV-19
^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/England/ALDP-CB4245/2020|2020-12-20|EPI_ISL_760884|Original|hCoV-19
^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94E128/2020|2020-06-17|EPI_ISL_555428|Original|hCoV-19
^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4879E4/2020|2020-10-26|EPI_ISL_637611|Original|hCoV-19
^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Michigan/UM-10036820004/2020|2020-11-06|EPI_ISL_728409|Original|hCoV-19
^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-11704/2020|2020-09-13|EPI_ISL_789940|Original|hCoV-19
^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Turkey/GUMV_36208/2020|2020-09-30|EPI_ISL_730567|Original|hCoV-19
^^Ankara|Human|Gazi University Faculty of Medicine|Gazi University Faculty of Medicine|Sahin|Turkey

>Spike|hCoV-19/England/ALDP-A5125B/2020|2020-10-07|EPI_ISL_597956|Original|hCoV-19
^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-McCoV-8408/2020|2020-07-01|EPI_ISL_784378|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spiek|hCoV-19/Australia/VIC5353/2020|2020-07-17|EPI_ISL_520116|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spiek|hCoV-19/England/WSFPT-25C112B/2020|2020-05-09|EPI_ISL_492891|Original|hCoV-19^^England|Human|Department of Medical Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spiek|hCoV-19/Italy/MAR-UnivPM-34104/2020|2020-03-09|EPI_ISL_516080|Original|hCoV-19^^Marche|Human|Biomedical Sciences and Public Health|Biomedical Sciences and Public Health|Bagnarelli|Italy

>Spiek|hCoV-19/Denmark/DCGC-16501/2020|2020-11-16|EPI_ISL_714803|Original|hCoV-19^^Novedstedt|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spiek|hCoV-19/Russia/OMS-ORINFI-78S/2020|2020-05-13|EPI_ISL_569822|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre|Russian Federation|Komissarov|Russia

>Spiek|hCoV-19/USA/WI-WSLH-200137/2020|2020-04-24|EPI_ISL_578365|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spiek|hCoV-19/South Korea/KDCA0449/2020|2020-11-16|EPI_ISL_760233|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spiek|hCoV-19/USA/TX-HMH-2629/2020|2020-06-04|EPI_ISL_545437|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spiek|hCoV-19/England/MILK-B02B5D/2020|2020-10-24|EPI_ISL_642779|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spiek|hCoV-19/England/ALDP-B83E00/2020|2020-11-14|EPI_ISL_675356|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spiek|hCoV-19/USA/CA-QDX-268/2020|2020-05-01|EPI_ISL_498703|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spiek|hCoV-19/England/NOTT-112B54/2020|2020-04-26|EPI_ISL_493591|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) consortium|Loose|United Kingdom

>Spiek|hCoV-19/Switzerland/VD-ETHZ-100056/2020|2020-03-12|EPI_ISL_466978|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spiek|hCoV-19/England/NORT-28D564/2020|2020-11-17|EPI_ISL_706347|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spiek|hCoV-19/USA/MA-MASPHL-00609/2020|2020-05-11|EPI_ISL_693011|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spiek|hCoV-19/Scotland/EDB11340/2020|2020-12-26|EPI_ISL_764371|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) consortium|McHugh|United Kingdom

>Spiek|hCoV-19/England/20129014802/2020|2020-03-21|EPI ISL_423995|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spiek|hCoV-19/Uruguay/RIV-M8/2020|2020-05-21|EPI_ISL_748138|Original|hCoV-19^^Rivera|Human|Instituto de Investigaciones Biolo\u0301gicas Clemente Estable|Institut Pasteur de Montevideo|Spangenberg|Uruguay

>Spiek|hCoV-19/England/LOND-126705D/2020|2020-12-11|EPI ISL_741246|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) consortium|Roy|United Kingdom
>Spike|hCoV-19|England/ALDP-9CCF37/2020|2020-09-16|EPI_ISL_566145|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19|Israel/CVL-108-ngs/2020|2020-12-27|EPI_ISL_776814|Original|hCoV-19^Israel|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel
>Spke|hCoV-19|Singapore/1454/2020|2020-12-05|EPI_ISL_728190|Original|hCoV-19^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
>Spke|hCoV-19|Netherlands/NH-RIVM-20129/2020|2020-11-08|EPI_ISL_723302|Original|hCoV-19^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spke|hCoV-19|England/LIVE-DC47CA/2020|2020-11-10|EPI_ISL_702721|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) consortium|Haldenby|United Kingdom
>Spke|hCoV-19|Scotland/QEUH-B13F8/2020|2020-11-01|EPI_ISL_649499|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19|Luxembourg/LNS6733162/2020|2020-05-19|EPI_ISL_459902|Original|hCoV-19^Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Wieenecke-Baldacchino|Luxembourg
>Spke|hCoV-19|England/ALDP-5089EA/2020|2020-06-25|EPI_ISL_559182|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19|USA/CO-CDPHE-2010200579/2020|2020-10-19|EPI_ISL_710239|Original|hCoV-19^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA
>Spke|hCoV-19|India/DL-ILBS-1718M/2020|2020-05-01|EPI_ISL_605805|Original|hCoV-19^Delhi|Human|Clinical Virology Laboratory|ILBS - IGIB|Rooge|India
>Spke|hCoV-19|Brazil/SP-560/2020|2020-03-31|EPI_ISL_574592|Original|hCoV-19^S\"u00e3o Paulo|Human|Hospital Domingos Leonardo Ceravolo Presidente Prudente|Instituto Adolfo Lutz|Sacchi|Brazil
>Spke|hCoV-19|USA/MN-MDH-1877/2020|2020-10-09|EPI_ISL_603012|Original|hCoV-19^Minnesota|Human|Essentia Health-St. Mary's Medical Center|Minnesota Department of Health|Garfin|USA
>Spke|hCoV-19|England/EXET-135B5B/2020|2020-00-00|EPI_ISL_457137|Original|hCoV-19^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) consortium|Temperton|United Kingdom
>Spke|hCoV-19|England/NORW-F0003/2020|2020-10-08|EPI_ISL_595171|Original|hCoV-19^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) consortium|Alikhan|United Kingdom
>Spke|hCoV-19|USA/WY-WPHL-20062882/2020|2020-08-17|EPI_ISL_769886|Original|hCoV-19^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA
>Spke|hCoV-19|England/QUEH-C8F489/2020|2020-12-09|EPI_ISL_777142|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19|USA/MD-MDH-0265/2020|2020-10-13|EPI_ISL_629046|Original|hCoV-19^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA
>Spke|hCoV-19|USA/MI-MDHHS-SC20632/2020|2020-04-17|EPI_ISL_462714|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spke|hCoV-19|Netherlands/NA_219/2020|2020-03-26|EPI_ISL_422754|Original|hCoV-19^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spke|hCoV-19|USA/WI-WSLH-200734/2020|2020-08-06|EPI_ISL_631490|Original|hCoV-19^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA
>Spike|hCoV-19/Netherlands/ZH-EMC-1031/2020|2020-11-01|EPI-ISL_722606|Original|hCoV-19
^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Sp...
> Spike|hCoV-19|Sweden\|20-14519/2020\|2020-05-10|EPI_ISL_475517|Original|hCoV-19^^Uppsala\|Human\|Uppsala Narakut Aleris\|The Public Health Agency of Sweden\|Svartstr\|006f6m\|Sweden

> Spike|hCoV-19|Portugal\|PT0410/2020\|2020-03-21|EPI_ISL_454134|Original|hCoV-19^^Portugal\|Human\|unknown\|Instituto Nacional de Saude (INSA)\|Borges\|Portugal

> Spike|hCoV-19|Netherlands\|NA_298/2020\|2020-04-01|EPI_ISL_422607|Original|hCoV-19^^Netherlands\|Human\|Dutch COVID-19 response team\|Erasmus Medical Center\|Oude Munnink\|Netherlands

> Spike|hCoV-19|USA\|CA-ALSR-4385/2020\|2020-07-22|EPI_ISL_648999|Original|hCoV-19^^California\|Human\|San Diego County Public Health Laboratory\|Anderssen lab at Scripps Research\|Gangavarapu\|USA

> Spike|hCoV-19|France\|BFC-5019/2020\|2020-04-02|EPI_ISL_443264|Original|hCoV-19^^Bourgogne-Franche-Comt\|u00e9\|Human\|CHU de Dijon - Laboratoire de Virologie\|National Reference Center for Viruses of Respiratory Infections\|Enouf\|France

> Spike|hCoV-19|Portugal\|PT1394/2020\|2020-03-27|EPI_ISL_511353|Original|hCoV-19^^Portugal\|Human\|Instituto Nacional de Saude (INSA)\|Instituto Nacional de Saude (INSA)\|Borges\|Portugal

> Spike|hCoV-19|Australia\|NSW566/2020\|2020-03-24|EPI_ISL_478678|Original|hCoV-19^^New South Wales\|Human\|Sydney South West Pathology Service (SSWPS) - Liverpool Hospital - NSW Health Pathology\|NSW Health Pathology - Institute of Clinical Pathology and Medical Research\; Westmead Hospital; University of Sydney\|Gall\|Australia

> Spike|hCoV-19|Canada\|ON-S1966/2020\|2020-11-24|EPI_ISL_755682|Original|hCoV-19^^Ontario\|Human\|Toronto Invasive Bacterial Diseases Network\|McMaster University\|McArthur\|Canada

> Spike|hCoV-19|Wales\|PHWC-48A3C5/2020\|2020-11-03|EPI_ISL_652549|Original|hCoV-19^^Wales\|Human\|Wales Specialist Virology Centre Sequencing Lab\|COVID-19 Genomics UK (COG-UK) Consortium\|Moore\|United Kingdom

> Spike|hCoV-19|USA\|MN-MDH-2095/2020\|2020-10-24|EPI_ISL_683724|Original|hCoV-19^^Minnesota\|Human\|Mayo Clinic & Mayo Clinic Laboratories\|Minnesota Department of Health\|Garfin\|USA

> Spike|hCoV-19|Scotland\|CVR352/2020\|2020-03-21|EPI_ISL_439061|Original|hCoV-19^^Scotland\|Human\|West of Scotland Specialist Virology Centre\|COVID-19 Genomics UK (COG-UK) Consortium\|Robertson\|United Kingdom

> Spike|hCoV-19|USA\|CA-CZB-3879/2020\|2020-07-17|EPI_ISL_548562|Original|hCoV-19^^California\|Human\|County of Santa Clara Public Health Department\|Chan-Zuckerberg Biohub\|Bhatt\|USA

> Spike|hCoV-19|USA\|CA-CZB-1045/2020\|2020-04-04|EPI_ISL_437045|Original|hCoV-19^^California\|Human\|County of Santa Clara Public Health\|Chan-Zuckerberg Biohub\|Hao\|USA

> Spike|hCoV-19|England\|20104070/2020\|2020-03-04|EPI_ISL_464344|Original|hCoV-19^^England\|Human\|Respiratory Virus Unit\|Respiratory Virus Unit\|Platt\|United Kingdom

> Spike|hCoV-19|USA\|WA-UW-1930/2020\|2020-03-24|EPI_ISL_424304|Original|hCoV-19^^Washington\|Human\|UW Virology Lab\|UW Virology Lab\|Roychoudhury\|USA

> Spike|hCoV-19|Japan\|PG-2117/2020\|2020-05-00|EPI_ISL_685722|Original|hCoV-19^^Japan\|Human\|Pathogen Genomics Center\|Pathogen Genomics Center\|Sekizuka\|Japan

> Spike|hCoV-19|Wales\|PHWC-168EA1/2020\|2020-06-24|EPI_ISL_499360|Original|hCoV-19^^Wales\|Human\|Originating lab\|COVID-19 Genomics UK (COG-UK) Consortium\|Moore\|United Kingdom

> Spike|hCoV-19|Australia\|VIC12871/2020\|2020-07-28|EPI_ISL_592098|Original|hCoV-19^^Victoria\|Human\|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)\|MDU-PHL\|Schultz\|Australia

> Spike|hCoV-19|USA\|HI-H200390/2020\|2020-09-29|EPI_ISL_752937|Original|hCoV-19^^Hawaii\|Human\|State Laboratories Division\|State Laboratories Division\|Sultana\|USA

> Spike|hCoV-19|England\|QEUH-998981/2020\|2020-08-24|EPI_ISL_540045|Original|hCoV-19^^England\|Human\|Lighthouse Lab in Glasgow\|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium\|Davies\|United Kingdom

> Spike|hCoV-19|USA\|FL-BPHL-0447/2020\|2020-03-23|EPI_ISL_495353|Original|hCoV-19^^Florida\|Human\|Florida Bureau of Public Health Laboratories\|Florida Bureau of Public Health Laboratories\|Blanton\|USA
> Spike| hCoV-19| DRC/11623/2020| 2020-05-25| EPI_ISL_527566| Original|hCoV-19
> Kinshasa| Human| Viral Respiratory Lab| Pathogen Sequencing Lab| Loko| Democratic Republic of the Congo

> Spike| hCoV-19| Wales| CAMC-BC0A03/2020| 2020-11-20| EPI_ISL_710826| Original|hCoV-19
> > Wales| Human| Lighthouse Lab in Cambridge| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom

> Spike| hCoV-19| Australia| VIC12573/2020| 2020-07-27| EPI_ISL_592025| Original|hCoV-19
> > Victoria| Human| Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)| MCoV

> Spike| hCoV-19| England| MILK-4BEEB8/2020| 2020-06-09| EPI_ISL_559277| Original|hCoV-19
> > England| Human| Lighthouse Lab in Milton Keynes| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom

> Spike| hCoV-19| England| ALDP-A68388/2020| 2020-10-12| EPI_ISL_608470| Original|hCoV-19
> > England| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom

> Spike| hCoV-19| USA| CA-CZB-12359/2020| 2020-10-12| EPI_ISL_648430| Original|hCoV-19
> > California| Human| Santa Clara County Public Health Laboratory| Chan-Zuckerberg Biohub| Bhatt| USA

> Spike| hCoV-19| USA| TX-HMH-MCoV-14434/2020| 2020-10-07| EPI_ISL_787719| Original|hCoV-19
> > Texas| Human| Houston Methodist Hospital| Houston Methodist Hospital| Long| USA

> Spike| hCoV-19| England| QUEUH-76672A/2020| 2020-07-15| EPI_ISL_532986| Original|hCoV-19
> > England| Human| Lighthouse Lab in Glasgow| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom

> Spike| hCoV-19| Switzerland| AG-ETHZ-270165/2020| 2020-08-28| EPI_ISL_541412| Original|hCoV-19
> > Aargau| Human| Viollier AG| Department of Biosystems Science and Engineering| Nadeau| Switzerland

> Spike| hCoV-19| Scotland| EDB8890/2020| 2020-10-21| EPI_ISL_650255| Original|hCoV-19
> > Scotland| Human| Virology Department| COVID-19 Genomics UK (COG-UK) consortium| McHugh| United Kingdom

> Spike| hCoV-19| USA| CA-ALSR-2681/2020| 2020-07-12| EPI_ISL_635627| Original|hCoV-19
> > California| Human| San Diego County Public Health Laboratory| Andersen lab at Scripps Research| Gangavarapu| USA

> Spike| hCoV-19| USA| MI-MDHSS-SC22153/2020| 2020-10-15| EPI_ISL_614204| Original|hCoV-19
> > Michigan| Human| Michigan Department of Health and Human Services| Michigan Department of Health and Human Services| Jacob| USA

> Spike| hCoV-19| England| ALDP-661429/2020| 2020-07-03| EPI_ISL_555612| Original|hCoV-19
> > England| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom

> Spike| hCoV-19| Canada| ON-S1984/2020| 2020-11-24| EPI_ISL_755697| Original|hCoV-19
> > Ontario| Human| Toronto Invasive Bacterial Diseases Network| McMaster University| McArthur| Canada

> Spike| hCoV-19| Denmark| DCGC-10192/2020| 2020-11-09| EPI_ISL_669445| Original|hCoV-19
> > Hovedstaden| Human| Department of Virus and Microbiological Special Diagnostics| Albertsen Lab| Michaelsen| Denmark

> Spike| hCoV-19| Northern Ireland| QUEUH-96D008/2020| 2020-08-21| EPI_ISL_530765| Original|hCoV-19
> > Northern Ireland| Human| Lighthouse Lab in Glasgow| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom

> Spike| hCoV-19| England| MILK-9E2D8C/2020| 2020-09-21| EPI_ISL_581237| Original|hCoV-19
> > England| Human| Lighthouse Lab in Milton Keynes| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom

> Spike| hCoV-19| USA| VA-DCLS-0198/2020| 2020-04-11| EPI_ISL_437413| Original|hCoV-19
> > Virginia| Human| Virginia DCLS| Virginia DCLS| St. Jacques| USA

> Spike| hCoV-19| England| ALDP-A86F92/2020| 2020-10-17| EPI_ISL_606144| Original|hCoV-19
> > England| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom

> Spike| hCoV-19| USA| TX-HMH-MCoV-19811/2020| 2020-11-23| EPI_ISL_784142| Original|hCoV-19
> > Texas| Human| Houston Methodist Hospital| Houston Methodist Hospital| Long| USA
19\^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

19\^Wales/PHWC-1629C4/2020|2020-05-20|EPI_ISL_473147|Original|hCoV-19\^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

19\^USA/WA-UW-1775/2020|2020-03-22|EPI ISL_424257|Original|hCoV-19\^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

19\^England/CA-MB-78DEP/2020|2020-04-02|EPI ISL_440579|Original|hCoV-19\^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

19\^England/ALDP-A50993/2020|2020-10-07|EPI ISL_597783|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

19\^England/ALDP-6ADD9F/2020|2020-07-01|EPI ISL_557743|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

19\^England/QEUH-A50504/2020|2020-10-12|EPI ISL_597463|Original|hCoV-19\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

19\^Scotland/QEUH-AADC8/2020|2020-10-22|EPI ISL_624132|Original|hCoV-19\^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

19\^Scotland/NORW-F2BD3/2020|2020-11-18|EPI ISL_665714|Original|hCoV-19\^Scotland|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Ali Khan|United Kingdom

19\^England/ALDP-AA1AEB/2020|2020-10-22|EPI ISL_624408|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

19\^Belgium/ULG-11075/2020|2020-12-15|EPI ISL_737326|Original|hCoV-19\^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

19\^Wales/PHWC-26E46/2020|2020-03-29|EPI ISL_422075|Original|hCoV-19\^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

19\^England/MLK-B560A6/2020|2020-11-04|EPI ISL_658115|Original|hCoV-19\^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

19\^Denmark/ALAB-SS1204/2020|2020-03-09|EPI ISL_429402|Original|hCoV-19\^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

19\^Iceland/327/2020|2020-03-14|EPI ISL_417656|Original|hCoV-19\^Reykjavik|Human|deCODE genetics|deCODE genetics|J\u00e8ransson|Iceland
- Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/20139009204/2020|2020-03-27|EPI_ISL_421867|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Uganda/UG070/2020|2020-00-00|EPI_ISL_737984|Original|hCoV-19^Uganda|Human|Uganda Central Public Health Lab and Uganda Virus Research Institute|MRC/UVRI & LSHTM Uganda|u00a0Research Unit|Cotten|Uganda

>Spike|hCoV-19/Germany/HH-hpi-p1715/2020|2020-03-15|EPI_ISL_775727|Original|hCoV-19^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/CAMC-946B31/2020|2020-07-15|EPI_ISL_556768|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B54424/2020|2020-11-08|EPI_ISL_656687|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/NH_0033/2020|2020-03-06|EPI_ISL_424877|Original|hCoV-19^New Hampshire|Human|NH Dept. of Health and Human Services Public Health Labs|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/ALDP-B1A4B1/2020|2020-10-31|EPI_ISL_647497|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2C7CD/2020|2020-03-31|EPI_ISL_445911|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4810A9/2020|2020-10-19|EPI_ISL_613032|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-861/2020|2020-10-09|EPI_ISL_632411|Original|hCoV-19^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands

>Spike|hCoV-19/England/QEUH-AD24B6/2020|2020-10-25|EPI_ISL_629772|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9DD522/2020|2020-09-21|EPI_ISL_599676|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9B645F/2020|2020-08-28|EPI_ISL_573007|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/SHEF-C42B7/2020|2020-04-16|EPI_ISL_457603|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-292791-01/2020|2020-12-28|EPI_ISL_769957|Original|hCoV-19^New York|Human|Albany Medical Center Hospital Clinical Laboratories|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Japan/PG-7702/2020|2020-08-00|EPI_ISL_686804|Original|hCoV-19^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/20142061004/2020|2020-03-31|EPI_ISL_420769|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/Wales/PHWC-4A66D9/2020|2020-12-17|EPI_ISL_765064|Original|hCoV-19
Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUE-B6C7C6/2020|2020-11-10|EPI_ISL_655780|Original|hCoV-19
England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spoke|hCoV-19/USA/WA-S2021/2020|2020-06-08|EPI ISL 497629|Original|hCoV-19
Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spoke|hCoV-19/Wales/PHWC-169A8E/2020|2020-07-28|EPI ISL 514573|Original|hCoV-19
Wales|Human|Wales Specialist Virology Centre Sequenci lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spoke|hCoV-19/Netherlands/NA_398/2020|2020-04-03|EPI ISL 455200|Original|hCoV-19
Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spoke|hCoV-19/England/MILK-A064E6/2020|2020-10-01|EPI ISL 600079|Original|hCoV-19
England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19/Australia/VIC4946/2020|2020-07-15|EPI ISL 519319|Original|hCoV-19
Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL

>Spoke|hCoV-19/England/ALDP-A6E3A3/2020|2020-10-15|EPI ISL 606995|Original|hCoV-19
England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19/England/QLW-AD0BC2/2020|2020-10-26|EPI ISL 633953|Original|hCoV-19
England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19/England/ALDP-B74D50/2020|2020-11-12|EPI ISL 662254|Original|hCoV-19
Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19/Austria/CEMM0905/2020|2020-03-31|EPI ISL 583758|Original|hCoV-19
Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria

>Spoke|hCoV-19/Austria/PMHC-16B1C3/2020|2020-09-14|EPI ISL 560257|Original|hCoV-19
Austria|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spoke|hCoV-19/England/LIVE-128A8D/2020|2020-04-10|EPI ISL 459028|Original|hCoV-19
England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Haldenby|United Kingdom

>Spoke|hCoV-19/England/LIVE-DCBE19/2020|2020-11-27|EPI ISL 724466|Original|hCoV-19
England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spoke|hCoV-19/USA/WY-WYPHL-20007413/2020|2020-04-02|EPI ISL 493126|Original|hCoV-19
Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Sevinsky|USA
>Spike|hCoV-19/USA/CT-Yale-267/2020|2020-04-02|EPI_ISL_469192|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA
>Spike|hCoV-19/Netherlands/NoordHolland_1/2020|2020-03-03|EPI_ISL_414433|Original|hCoV-19^Noord Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/USA/VA-UW-12134/2020|2020-06-26|EPI_ISL_570492|Original|hCoV-19^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/USA/TX-HMH-MCoV-18783/2020|2020-11-22|EPI_ISL_785114|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Norway/3139/2020|2020-08-08|EPI_ISL_549162|Original|hCoV-19^Viken|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Kopperud Riis|Norway
>Spike|hCoV-19/Netherlands/ZH-EMC-455/2020|2020-08-12|EPI_ISL_523793|Original|hCoV-19^Zuid Holland|Human|COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/Denmark/DGCC-14689/2020|2020-11-23|EPI_ISL_711074|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaellsen|Denmark
>Spike|hCoV-19/USA/CA-ALSR-2175/2020|2020-05-13|EPI_ISL_635375|Original|hCoV-19^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/USA/MN-MDH-2035/2020|2020-11-03|EPI_ISL_654716|Original|hCoV-19^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA
>Spike|hCoV-19/England/MILK-A7C928/2020|2020-10-15|EPI_ISL_607417|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/CA-ALSR-2175/2020|2020-05-13|EPI_ISL_635375|Original|hCoV-19^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/USA/MN-MDH-2035/2020|2020-11-03|EPI_ISL_654716|Original|hCoV-19^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA
>Spike|hCoV-19/Canada/ON-S94/2020|2020-03-20|EPI_ISL_586497|Original|hCoV-19^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
>Spike|hCoV-19/Canada/ON-S94/2020|2020-03-20|EPI_ISL_586497|Original|hCoV-19^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
>Spike|hCoV-19/England/CAMC-B79DF1/2020|2020-11-12|EPI_ISL_667871|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Canada/ON-OICR-SLB2818/2020|2020-04-02|EPI_ISL_538346|Original|hCoV-19^Ontario|Human|Kingston Health Sciences Centre / Queen's University|Ontario Institute for Cancer Research|de Borja|Canada
>Spike|hCoV-19/England/CAMC-B79DF1/2020|2020-11-12|EPI_ISL_667871|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-5B275E/2020|2020-06-17|EPI_ISL_558896|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH456/2020|2020-04-15|EPI_ISL_512918|Original|hCoV-19^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia
>Spike|hCoV-19/England/EPI_ISL_530661|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19/Scotland/CVR4457/2020|2020-09-20|EPI_ISL_585322|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spik|hCoV-19/England/2020-05-10|EPI_ISL_475406|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spik|hCoV-19/Spain/MD-HLP-87/2020|2020-04-30|EPI_ISL_530084|Original|hCoV-19^Spain|Viedma|Spain

>Spik|hCoV-19/England/EPI_ISL_532882|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19/USA/UT-01860/2020|2020-04-13|EPI_ISL_498633|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spik|hCoV-19/England/ALDP-9BC85D/2020|2020-09-09|EPI_ISL_568117|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19/Scotland/EPI_ISL_534590|Original|hCoV-19^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19/Australia/VIC8910/2020|2020-00-00|EPI_ISL_565278|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spik|hCoV-19/Scotland/EPI-ISL_498633|Original|hCoV-19^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19/England/ALDP-9C5192/2020|2020-09-10|EPI_ISL_567691|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19/England/2020-10-21|EPI_ISL_649834|Original|hCoV-19^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|PLatt|United Kingdom

>Spik|hCoV-19/India/GJ-GBBC307b/2020|2020-06-15|EPI_ISL_495059|Original|hCoV-19^Gujarat|Human|GMERS Medical College & Hospital|Gujarat Biotechnology Research Centre|Josh|India

>Spik|hCoV-19/England/ALDP-94BB5A/2020|2020-06-11|EPI_ISL_555819|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19/USA/VA-DCLS-0541/2020|2020-03-12|EPI_ISL_485842|Original|hCoV-19^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spik|hCoV-19/England/2020-06-29|EPI_ISL_499980|Original|hCoV-19^England|Human|University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spik|hCoV-19/Denmark/2020-07-13|EPI_ISL_618333|Original|hCoV-19^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelisen|Denmark

>Spik|hCoV-19/USA/TX-HMM-MCoV-12599/2020|2020-08-31|EPI_ISL_789923|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spik|hCoV-19/USA/UT-UPHL-201011502/2020|2020-05-08|EPI_ISL_593999|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spik|hCoV-19/Australia/NSW74/2020|2020-03-19|EPI_ISL_427706|Original|hCoV-19^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spike|hCoV-19|England|QEUH-9C9AB1|2020|2020-09-10|EPI_ISL_567329|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikel|hCoV-19|Netherlands|FL-RIVM-10143|2020|2020-04-30|EPI_ISL_547456|Original|hCoV-19^Flevoland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spikel|hCoV-19|Portugal|PT1683|2020|2020-11-10|EPI_ISL_732150|Original|hCoV-19^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal
>Spikel|hCoV-19|England|BRIS-130279|2020|2020-04-11|EPI_ISL_492740|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikel|hCoV-19|England|CAMB-1AB2D3|2020|2020-04-20|EPI_ISL_470113|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikel|hCoV-19|Wales|PHWC-4A3302|2020|2020-12-14|EPI_ISL_744086|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikel|hCoV-19|England|QEUH-C7C23A|2020|2020-12-16|EPI_ISL_756971|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikel|hCoV-19|Australia|VIC2625|2020|2020-06-30|EPI_ISL_521471|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spikel|hCoV-19|Canada|BC_04710049|2020|2020-05-00|EPI_ISL_477052|Original|hCoV-19^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada
>Spikel|hCoV-19|England|QEUH-9B8D43|2020|2020-09-07|EPI_ISL_549669|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikel|hCoV-19|Northern Ireland|NIRE-234827|2020|2020-10-06|EPI_ISL_680438|Original|hCoV-19^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) consortium|Fairley|United Kingdom
>Spikel|hCoV-19|England|QEUH-C32D3F|2020|2020-12-11|EPI_ISL_782545|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikel|hCoV-19|Denmark|DCGC-18038|2020|2020-12-14|EPI_ISL_749717|Original|hCoV-19^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spikel|hCoV-19|Singapore|1515|2020|2020-12-25|EPI_ISL_768631|Original|hCoV-19^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
>Spikel|hCoV-19|Netherlands|ZH-RIVM-20452|2020|2020-10-26|EPI_ISL_728671|Original|hCoV-19^Zuid-holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spikel|hCoV-19|England|LOND-D416C|2020|2020-04-06|EPI_ISL_444092|Original|hCoV-19^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
Spike|hCoV-19/USA-VA-DCLS-0590/2020|2020-03-26|EPI_ISL_526810|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
Spike|hCoV-19/England/QUEUH-AD3D32/2020|2020-10-26|EPI_ISL_629793|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Wales/PHWC-16871F/2020|2020-05-21|EPI_ISL_494277|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/Wales/QUEUH-AE4EB3/2020|2020-10-27|EPI_ISL_647899|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA-WA-UW-46945/2020|2020-12-13|EPI_ISL_756209|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
Spike|hCoV-19/Denmark/DCGC-14670/2020|2020-11-23|EPI_ISL_711902|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaellsen|Denmark
Spike|hCoV-19/France/ARA-108484/2020|2020-11-17|EPI_ISL_728518|Original|hCoV-19^^Auvergne-Rhône-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France
Spike|hCoV-19/USA/TX-HMH-MCoV-16178/2020|2020-10-30|EPI_ISL_785862|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/USA/MI-UM-10033813745/2020|2020-03-30|EPI_ISL_578129|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
Spike|hCoV-19/England/NOTT-1148C4/2020|2020-10-08|EPI_ISL_584754|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) consortium|Loose|United Kingdom
Spike|hCoV-19/Belgium/ULG-10124/2020|2020-04-07|EPI_ISL_427371|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
Spike|hCoV-19/United Arab Emirates/0623/2020|2020-05-15|EPI_ISL_698779|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodkzi|United Arab Emirates
Spike|hCoV-19/USA/MI-MDHHS-SC20106/2020|2020-03-23|EPI_ISL_436836|Original|hCoV-19^^Michigan|Human|Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
Spike|hCoV-19/England/BRIS-123419/2020|2020-04-06|EPI_ISL_442703|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
Spike|hCoV-19/England/QUEUH-AAEEA2A/2020|2020-10-20|EPI_ISL_652978|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) consortium|Golubchik|United Kingdom
Spike|hCoV-19/England/ALDP-A870AD/2020|2020-10-17|EPI_ISL_606132|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/South Africa/KRISP-K005335/2020|2020-11-15|EPI_ISL_678623|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
Spike|hCoV-19/Denmark/DCGC-7267/2020|2020-10-12|EPI_ISL_619240|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
Spike|hCoV-19/England/QUEUH-BC4D15/2020|2020-11-24|EPI_ISL_703315|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Netherlands/ZH-EMC-986/2020|2020-11-06|EPI_ISL_722736|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
Spike|hCoV-19/Denmark/DCGC-15828/2020|2020-11-23|EPI_ISL_714045|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaellsen|Denmark
>Spike\hCoV-19/Wales/PHWC-485F8A/2020|2020-10-24|EPI_ISL_628297|Original|hCoV-19\^Wales\human\Wales Specialist Virology Centre Sequencing Lab\COVID-19 Genomics UK (COG-UK) Consortium\Moore\United Kingdom

>Spke\hCoV-19/Denmark/DGCC-16020/2020|2020-11-23|EPI_ISL_714540|Original|hCoV-19\^Hovedstaden\human\Department of Virus and Microbiological Special Diagnostics\Albertsen Lab\Michaelsen\Denmark

>Spke\hCoV-19/England/ALDP-C3C649/2020|2020-12-10|EPI_ISL_731172|Original|hCoV-19\^England\human\Lighthouse Lab in Alderley Park\Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium\Davies\United Kingdom

>Spke\hCoV-19/USA/TX-HMH0214/2020|2020-03-24|EPI_ISL_434889|Original|hCoV-19\^Texas\human\Houston Methodist Hospital\Houston Methodist Hospital\Long\USA

>Spke\hCoV-19/Switzerland/ZH-ETHZ-210022/2020|2020-07-21|EPI_ISL_510767|Original|hCoV-19\^Zurich\human\Viollier AG\Department of Biosystems Science and Engineering\Nadeau\Switzerland

>Spke\hCoV-19/USA/WA-UW-4747/2020|2020-03-26|EPI_ISL_570058|Original|hCoV-19\^Washington\human\UW Virology Lab\UW Virology Lab\Roychoudhury\USA

>Spke\hCoV-19/USA/MD-MDH-0539/2020|2020-11-30|EPI_ISL_778915|Original|hCoV-19\^Maryland\human\Maryland Public Health Laboratory\Maryland Public Health Laboratory\Keller\USA

>Spke\hCoV-19/USA/LA-GBC1-26544559/2020|2020-04-18|EPI_ISL_485134|Original|hCoV-19\^Louisiana\human\River Road Testing Lab\Ginkgo Bioworks Clinical Laboratory\Smith\USA

>Spke\hCoV-19/England/CAMC-991108/2020|2020-08-27|EPI_ISL_551894|Original|hCoV-19\^England\human\Lighthouse Lab in Cambridge\Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium\Davies\United Kingdom

>Spke\hCoV-19/Spain/RI-IVB-005959/2020|2020-03-05|EPI_ISL_500393|Original|hCoV-19\^La Rioja\human\Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o\u00f3n\SeqCOVID-SPAIN consortium\IBV(CSIC)\Comas\Spain

>Spke\hCoV-19/England/QEUG-B80A3C/2020|2020-11-14|EPI_ISL_661910|Original|hCoV-19\^England\human\Lighthouse Lab in Glasgow\Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium\Davies\United Kingdom

>Spke\hCoV-19/Japan/PG-2149/2020|2020-04-00|EPI_ISL_685754|Original|hCoV-19\^Japan\human\Pathogen Genomics Center\Pathogen Genomics Center\Seikizuka\Japan

>Spke\hCoV-19/Gibraltar/205121202/2020|2020-00-00|EPI_ISL_766331|Original|hCoV-19\^Gibraltar\human\Microbiology\Respiratory Virus Unit\Fl\u00e4tt\Gibraltar

>Spke\hCoV-19/Italy/APU-IZSPB_304PT/2020|2020-11-03|EPI_ISL_653798|Original|hCoV-19\^Apulia\human\I.R.C.C.S. \ S. De Bellis \ Ente Ospedaliero\Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata\Parisi\Italy

>Spke\hCoV-19/England/ALDP-9BDBAE/2020|2020-09-09|EPI_ISL_567902|Original|hCoV-19\^England\human\Lighthouse Lab in Alderley Park\Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium\Davies\United Kingdom

>Spke\hCoV-19/USA/NY-Wadsworth-284741-01/2020|2020-12-08|EPI_ISL_754453|Original|hCoV-19\^New York\human\Wadsworth Center\Wadsworth Center\Lasek-Nesselquist\USA

>Spke\hCoV-19/New Zealand/20CV0125/2020|2020-08-19|EPI_ISL_548011|Original|hCoV-19\^Auckland\human\Midmore Hospital\Institute of Environmental Science and Research (ESR)\Wang\New Zealand

>Spke\hCoV-19/Wales/PHWC-48FE74/2020|2020-11-11|EPI_ISL_681240|Original|hCoV-19\^Wales\human\Wales Specialist Virology Centre Sequencing Lab\COVID-19 Genomics UK (COG-UK) Consortium\Moore\United Kingdom

>Spke\hCoV-19/Denmark/DGCC-18726/2020|2020-12-07|EPI_ISL_750147|Original|hCoV-19\^Midtjylland\human\Department of Virus and Microbiological Special Diagnostics\Albertsen Lab\Michaelsen\Denmark

>Spke\hCoV-19/England/QEUG-8AP029/2020|2020-07-24|EPI_ISL_532711|Original|hCoV-19\^England\human\Lighthouse Lab in Glasgow\Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium\Davies\United Kingdom

>Spke\hCoV-19/England/MILK-A7C77A/2020|2020-10-16|EPI_ISL_607380|Original|hCoV-19\^England\human\Lighthouse Lab in Milton Keynes\Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium\Davies\United Kingdom
>Spike|hCoV-19/Scotland/EDB4869/2020|2020-05-12|EPI_ISL_478192|Original|hCoV-19^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK)
Consortium|Williams|United Kingdom

>Spki>e|hCoV-19/Australia/VIC2367/2020|2020-06-25|EPI_ISL_522087|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spki>e|hCoV-19/England/NOTT-10FFE5/2020|2020-04-14|EPI ISL 441462|Original|hCoV-19^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK)
Consortium|Loose|United Kingdom

>Spki>e|hCoV-19/Slovenia/7313/2020|2020-03-14|EPI_ISL_635238|Original|hCoV-19^Slovenia|Human|Institute of Microbiology and Immunology|Institute of Microbiology and Immunology|Zakotnik|Slovenia

>Spki>e|hCoV-19/USA/NY-NYCPHL-000682/2020|2020-03-14|EPI_ISL_632099|Original|hCoV-19^New York|Human|VA NY Harbor Healthcare System|New York City Public Health Laboratory|Wang|USA

>Spki>e|hCoV-19/Ukraine/203100330/2020|2020-05-27|EPI ISL 512609|Original|hCoV-19^Ukraine|Human|National Laboratory for Influenza/Virology reference laboratory|Respiratory Virus Unit|Platt|Ukraine

>Spki>e|hCoV-19/Denmark/DCGC-6181/2020|2020-10-05|EPI_ISL_620084|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spki>e|hCoV-19/Wales/PHWC-44A255/2020|2020-12-14|EPI_ISL_744025|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spki>e|hCoV-19/Hong Kong/VM20031415/2020|2020-07-08|EPI ISL 510100|Original|hCoV-19^Hong Kong|Human|Tuen Mun Hospital|Hong Kong Department of Health|Mak|China

>Spki>e|hCoV-19/England/ALDP-C48BA5/2020|2020-12-12|EPI_ISL_736707|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spki>e|hCoV-19/Denmark/DCGC-20151/2020|2020-12-07|EPI ISL_748016|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spki>e|hCoV-19/USA/MI-QDX-322/2020|2020-03-21|EPI_ISL_571066|Original|hCoV-19^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spki>e|hCoV-19/USA/LA-EVTL640/2020|2020-08-06|EPI_ISL_579044|Original|hCoV-19^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spki>e|hCoV-19/England/ALDP-BBB081/2020|2020-11-20|EPI_ISL_701690|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spki>e|hCoV-19/Wales/QEHH-9F9F04/2020|2020-09-27|EPI_ISL_595775|Original|hCoV-19^Wales|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spki>e|hCoV-19/USA/TX-HMH-MCoV-10801/2020|2020-07-05|EPI_ISL_789632|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spki>e|hCoV-19/England/ALDP-BBA448/2020|2020-11-20|EPI_ISL_702420|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spki>e|hCoV-19/India/MH-NIV-12430/2020|2020-04-21|EPI_ISL_479496|Original|hCoV-19^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spki>e|hCoV-19/England/EXET-1367FC/2020|2020-04-29|EPI_ISL_457236|Original|hCoV-19^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spki>e|hCoV-19/India/GJ-GBRC-367b/2020|2020-06-18|EPI_ISL_524722|Original|hCoV-19^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshii|India

>Spki>e|hCoV-19/England/MILK-958097/2020|2020-06-12|EPI_ISL_554806|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/MILK-BB08EE/2020|2020-11-17|EPI ISL_720006|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/England/ALDP-A94CA9/2020|2020-10-19|EPI ISL_624897|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Netherlands/ZH-EMC-946/2020|2020-10-11|EPI ISL_722359|Original|hCoV-19
^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

Spike|hCoV-19/England/ALDP-CB53C9/2020|2020-12-19|EPI ISL_761843|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/Wales/PHWC-498036/2020|2020-11-30|EPI ISL_727014|Original|hCoV-19
^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19/Australia/VIC7948/2020|2020-08-12|EPI ISL_564764|Original|hCoV-19
^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

Spike|hCoV-19/England/CAMC-C44F07/2020|2020-12-10|EPI ISL_719240|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/USA/TX-HMW-MCoV-15374/2020|2020-10-23|EPI ISL_786858|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19/England/BRIS-1219C1/2020|2020-03-14|EPI ISL_440160|Original|hCoV-19
^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

Spike|hCoV-19/Papua New Guinea/11/2020|2020-09-15|EPI ISL_693481|Original|hCoV-19
^Papua New Guinea|Human|Central Public Health Laboratory|National Public Health Laboratory|Mak|Papua New Guinea

Spike|hCoV-19/England/CAMC-C26B43/2020|2020-12-07|EPI ISL_782746|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/Wales/PHWC-49D471/2020|2020-12-10|EPI ISL_742786|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19/England/ALDP-B5D036/2020|2020-11-09|EPI ISL_678846|Original|hCoV-19
^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

Spike|hCoV-19/Panama/333668/2020|2020-03-26|EPI ISL_496749|Original|hCoV-19
^Guna Yala|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

Spike|hCoV-19/Denmark/DGCC-14139/2020|2020-11-30|EPI ISL_711182|Original|hCoV-19
^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelesen|Denmark

Spike|hCoV-19/Wales/PHWC-4A1F6A/2020|2020-12-14|EPI ISL_743835|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19/England/ALDP-9CB5CD/2020|2020-09-16|EPI ISL_575629|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Denmark/DGCC-22027/2020|2020-12-14|EPI ISL_757968|Original|hCoV-19
^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelesen|Denmark

Spike|hCoV-19/Scotland/QEUH-BC3833/2020|2020-11-25|EPI ISL_710766|Original|hCoV-19
^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/Netherlands/FR-RIVM-20205/2020|2020-11-20|EPI ISL_723358|Original|hCoV-19
^Friesland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spike|hCoV-19/England/LIVE-9D7D6/2020|2020-04-15|EPI_ISL_453234|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/CA-C2B-1693/2020|2020-04-02|EPI_ISL_468628|Original|hCoV-19^California|Human|Contra Costa Public Health Lab|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/United Arab Emirates/L9206322111/2020|2020-03-29|EPI_ISL_520720|Original|hCoV-19^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramawamy|United Arab Emirates

>Spike|hCoV-19/Spain/VC-FISABIO-248/2020|2020-03-25|EPI_ISL_436343|Original|hCoV-19^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Clinico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/Australia/VIC1970/2020|2020-05-27|EPI_ISL_521893|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUH-B3F841/2020|2020-11-08|EPI_ISL_658526|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-B40388/2020|2020-11-09|EPI_ISL_676386|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00238978/2020|2020-03-26|EPI_ISL_536229|Original|hCoV-19^Quebec|Human|H\u00e9pu00f4pital Pierre-Boucher|Larabatoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Switzerland/BL-42222816/2020|2020-04-06|EPI_ISL_581686|Original|hCoV-19^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Israel/CVL-45173/2020|2020-12-02|EPI_ISL_745037|Original|hCoV-19^Tel Aviv|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/England/MILK-9A9370/2020|2020-09-01|EPI_ISL_551152|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9F2642/2020|2020-09-25|EPI_ISL_589041|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A5608/2020|2020-03-19|EPI_ISL_499930|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22338/2020|2020-11-16|EPI_ISL_708318|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Australia/VIC11338/2020|2020-08-26|EPI_ISL_563335|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Germany/NW-UBI-33/2020|2020-06-18|EPI_ISL_631287|Original|hCoV-19^North Rhine-Westphalia|Human|MVZ DIAMEDIS Diagnostische Medizin Sennestadt GmbH|Bielefeld University|Brandt|Germany

>Spike|hCoV-19/USA/MD-HP12088/2020|2020-11-20|EPI_ISL_791412|Original|hCoV-19^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morrisey|USA

>Spike|hCoV-19/USA/CA-C2B-12959/2020|2020-07-21|EPI_ISL_672077|Original|hCoV-19^California|Human|San Francisco Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Scotland/CVR3117/2020|2020-04-25|EPI_ISL_461689|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19|England/QEUH-9F3887|2020|2020-09-24|EPI_ISL_588613|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|USA/OR-OHSU-2930|2020|2020-09-07|EPI_ISL_667425|Original|hCoV-19|Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Reak|USA

>Spike|hCoV-19|Sweden/20-07452|2020|2020-04-16|EPI_ISL_445233|Original|hCoV-19|Ostergotland|Human|Vardcentralen Brinken|The Public Health Agency of Sweden|Svardstr\öm|Sweden

>Spike|hCoV-19|England/NOTT-11582D|2020|2020-10-14|EPI_ISL_595268|Original|hCoV-19|England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19|Wales/PHWC-49DCE2|2020|2020-11-30|EPI_ISL_742897|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19|England/QEUH-AD5EFL|2020|2020-10-26|EPI_ISL_634724|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19|USA/NY-NYCPHL-000402|2020|2020-03-24|EPI_ISL_631886|Original|hCoV-19|New York|Human|NYC HH Lincoln Medical And Mental Health Center|New York City Public Health Laboratory|Wang|USA

>Spoke|hCoV-19|USA/LA-EVTL1398|2020|2020-12-11|EPI_ISL_779064|Original|hCoV-19|Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spoke|hCoV-19|Singapore/670|2020|2020-07-01|EPI_ISL_498568|Original|hCoV-19|Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spoke|hCoV-19|USA/MI-MDHHS-SC20822|2020|2020-05-12|EPI_ISL_471843|Original|hCoV-19|Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spoke|hCoV-19|Belgium/REGA-0312401|2020|2020-03-12|EPI_ISL_462255|Original|hCoV-19|Alken|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spoke|hCoV-19|United Arab Emirates/0375|2020|2020-05-15|EPI_ISL_698550|Original|hCoV-19|Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spoke|hCoV-19|Netherlands/un-EMC-773|2020|2020-00-00|EPI_ISL_577869|Original|hCoV-19|Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spoke|hCoV-19|USA/TX-DHSHS-1476|2020|2020-06-22|EPI_ISL_676635|Original|hCoV-19|Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spoke|hCoV-19|USA/TX-HMH-MCOV-9030|2020|2020-07-02|EPI_ISL_780906|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spoke|hCoV-19|England/SHEF-CA257|2020|2020-05-13|EPI_ISL_490617|Original|hCoV-19|England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spoke|hCoV-19|Wales/PHWC-27865|2020|2020-03-26|EPI_ISL_432004|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spoke|hCoV-19|Wales/PHWC-1688FE|2020|2020-05-18|EPI_ISL_494303|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spoke|hCoV-19|Belgium/rega-0320863|2020|2020-03-20|EPI_ISL_734513|Original|hCoV-19|Loupoigne|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spoke|hCoV-19|India/DL-MaxCov0044-C|CSIR-IGIB|2020|2020-04-27|EPI_ISL_459946|Original|hCoV-19|Delhi|Human|Devki Devi Foundation|CSIR-IGIB/Max/Pandey|India

>Spoke|hCoV-19|England/QEUH-C643D8|2020|2020-12-14|EPI_ISL_778560|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|USA|TX-HMH-MCoV-14261|2020|2020-10-03|EPI_ISL_787546|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19|England|QUEUH-96C555|2020|2020-08-13|EPI_ISL_530886|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England|CAMC-B9A0E2|2020|2020-11-15|EPI_ISL_673273|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|England|NOTT-112811|2020|2020-04-13|EPI_ISL_493549|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
> Spike|hCoV-19|England|CAMC-BC02FC|2020|2020-11-22|EPI_ISL_704776|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|Hungary|US-33782W|2020|2020-09-03|EPI_ISL_677767|Original|hCoV-19^^Csongr\u00e1r county|Human|University of Szeged|National Laboratory of Virology|Kemenesi|Hungary
> Spike|hCoV-19|Oman|RESP-20-2850|2020|2020-03-18|EPI_ISL_457977|Original|hCoV-19^^Muscat|Human|Oman-NIC|Oman-NIC|Al Mahrupi|Oman
> Spike|hCoV-19|USA|CA-LACPHL-AEO0005|2020|2020-06-18|EPI_ISL_707929|Original|hCoV-19^^California|Human|Los Angeles County Public Health Laboratory|Los Angeles County Public Health Laboratory|Hemarajata|USA
> Spike|hCoV-19|USA|CA-CDC-0139|2020|2020-03-23|EPI_ISL_447886|Original|hCoV-19^^California|Human|unknown|Pathogen Discovery|Queen|USA
> Spike|hCoV-19|England|MLK-99BB1F|2020|2020-08-30|EPI_ISL_550356|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England|QUEUH-AD5E4C|2020|2020-10-26|EPI_ISL_634597|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England|QUEUH-B2C1D3|2020|2020-11-03|EPI_ISL_680068|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
> Spike|hCoV-19|England|QUEUH-M21885|2020|2020-11-15|EPI_ISL_705006|Original|hCoV-19^^England|Human|Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodall|United Kingdom
> Spike|hCoV-19|USA|WA-UW-7399|2020|2020-04-14|EPI_ISL_486110|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
> Spike|hCoV-19|Sweden|20-08715|2020|2020-04-02|EPI_ISL_450836|Original|hCoV-19^^Norrbotten|Human|Laboratoriemedicin|The Public Health Agency of Sweden|Svartstr\u00f6n|Sweden
> Spike|hCoV-19|Sweden|20-53127|2020|2020-09-04|EPI_ISL_648171|Original|hCoV-19^^Sweden|Human|The Public Health Agency of Sweden|The Public Health Agency of Sweden|Svartstr\u00f6n|Sweden
> Spike|hCoV-19|USA|NC_200486|2020|2020-04-00|EPI_ISL_458005|Original|hCoV-19^^North Carolina|Human|Dirk Dittmer|Dirk Dittmer|Moorad|USA
> Spike|hCoV-19|DRC|11096|2020|2020-04-24|EPI_ISL_527522|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo
> Spike|hCoV-19|Ireland|D-NVRAL-AIIDV0380v1-2|2020|2020-05-06|EPI_ISL_768764|Original|hCoV-19^^Dublin|Human|AIID|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland
> Spike|hCoV-19|Australia|WA419|2020|2020-03-23|EPI_ISL_672631|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA|Microbial Surveillance Unit|Sidkazwe|Australia
> Spike|hCoV-19|England|MILK-B3CAC6|2020|2020-11-01|EPI_ISL_706184|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Goldchukh|United Kingdom
>Spike|hCoV-19/England/SHEF-CDF6C/2020|2020-04-29|EPI_ISL_490628|Original|hCoV-19^
>England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

> Spike|hCoV-19/England/LIVE-9F4EC/2020|2020-04-26|EPI_ISL_453458|Original|hCoV-19^
>England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Comas|Spain

> Spike|hCoV-19/USA/NY-NYUMC591/2020|2020-04-01|EPI_ISL_444708|Original|hCoV-19^
>New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

> Spike|hCoV-19/Wales/PHWC-492D35/2020|2020-11-27|EPI_ISL_725781|Original|hCoV-19^
>Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

> Spike|hCoV-19/England/ALDP-A2F03E/2020|2020-10-05|EPI_ISL_587117|Original|hCoV-19^
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/England/ALDP-B637A1/2020|2020-11-09|EPI_ISL_656479|Original|hCoV-19^
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Comas|Spain

> Spike|hCoV-19/Scotland/EDB1582/2020|2020-04-13|EPI_ISL_433087|Original|hCoV-19^
>Scotland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

> Spike|hCoV-19/England/CAMB-1BAE19/2020|2020-11-11|EPI_ISL_664312|Original|hCoV-19^
>England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

> Spike|hCoV-19/Japan/PG-5752/2020|2020-08-04|EPI_ISL_688871|Original|hCoV-19^
>Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

> Spike|hCoV-19/Australia/NSW755/2020|2020-07-20|EPI_ISL_513397|Original|hCoV-19^
>New South Wales|Human|St Vincent's Pathology (SydPath)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

> Spike|hCoV-19/England/CAMC-946B13/2020|2020-07-16|EPI_ISL_556970|Original|hCoV-19^
>England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

> Spike|hCoV-19/England/ALDP-C484C8/2020|2020-12-12|EPI_ISL_736720|Original|hCoV-19^
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/England/ALDP-9E58B5/2020|2020-09-24|EPI_ISL_589328|Original|hCoV-19^
>England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/England/ALDP-9C4C29/2020|2020-09-10|EPI_ISL_567548|Original|hCoV-19^
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/USA/LA-GBCL-26684447/2020|2020-04-11|EPI_ISL_485271|Original|hCoV-19^
>Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

> Spike|hCoV-19/Spain/MD-IBV-99008520/2020|2020-09-10|EPI_ISL_654024|Original|hCoV-19^
>Madrid|Human|Hospital General Universitario Gregorio Marañón|Comas|Spain
Spike|hCoV-19/Scotland/CVR2626/2020|2020-04-16|EPI_ISL_493820|Original|hCoV-19|Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
Spike|hCoV-19/Japan/PG-6837/2020|2020-09-00|EPI_ISL_687945|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Tokyo, Japan
Spike|hCoV-19/Spain/AR-IVB-005113/2020|2020-04-26|EPI_ISL_500361|Original|hCoV-19|Spain|Human|Servicio de Microbiología|MDU|Comas|Spain
Spike|hCoV-19/England/LIVE-A750C/2020|2020-03-28|EPI_ISL_517031|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
Spike|hCoV-19/Wales/PHWC-49ED39/2020|2020-12-08|EPI_ISL_743114|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing Lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/England/2010907104/2020|2020-03-06|EPI_ISL_464525|Original|hCoV-19|England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
Spike|hCoV-19/Spain/CT-IVB-005599/2020|2020-03-26|EPI_ISL_508646|Original|hCoV-19|Spain|CT-IVB|CT-IVB|CT-IVB|Singh|India
Spike|hCoV-19/Spain/ALDP-2219/2020|2020-12-10|EPI_ISL_730985|Original|hCoV-19|Spain|ALDP|ALDP|ALDP|Macias|Spain
Spike|hCoV-19/England/ALDP-C3C834/2020|2020-03-00|EPI_ISL_462837|Original|hCoV-19|England|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada
Spike|hCoV-19/USA/TX-HMH-4283/2020|2020-06-18|EPI_ISL_543494|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/Denmark/DGCC-11923/2020|2020-10-19|EPI_ISL_671219|Original|hCoV-19|Denmark|DGCC|DGCC|DGCC|Harrigan|Denmark
Spike|hCoV-19/Spain/ALDP-B63AA8/2020|2020-11-09|EPI_ISL_656574|Original|hCoV-19|Spain|ALDP|ALDP|ALDP|Pons|Spain
Spike|hCoV-19/England/ALDP-3114|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/Uganda/UG086/2020|2020-08-24|EPI_ISL_737997|Original|hCoV-19|Uganda|Human|Uganda Central Public Health Lab and Uganda Virus Research Institute|MRC/UVRI & LSHTM Uganda|00A0Research Unit|Cotten|Uganda
Spike|hCoV-19/England/ALDP-2A8C13/2020|2020-03-25|EPI_ISL_539127|Original|hCoV-19|England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/Australia/VIC5700/2020|2020-07-19|EPI_ISL_518504|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19/England/LEED-2A8C13/2020|2020-03-25|EPI_ISL_539127|Original|hCoV-19|England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/Australia/VIC2560/2020|2020-06-28|EPI_ISL_522244|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19/Australia/NWS3629/2020|2020-12-14|EPI_ISL_717702|Original|hCoV-19|New South Wales|Human/Area of Virology|Virology Research Laboratory; Area of Virology|Foster|Australia
>Spike|hCoV-19|Japan|PG-0292/2020|2020-03-25|EPI_ISL_479970|Original|hCoV-19^HokurikuShinsyu|Human|Fukui Prefectural Institute of Public Health and Environmental Science|Pathogen Genomics Center|Seikizuka|Japan
>Spicke|hCoV-19|Denmark/DCGC-7946/2020|2020-10-26|EPI_ISL_618893|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelaensen|Denmark
>Spieke|hCoV-19|England/PHWC-3416A/2020|2020-04-16|EPI_ISL_446878|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spieke|hCoV-19|England/QEUH-AD4BFB/2020|2020-10-26|EPI_ISL_634635|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiek|hCoV-19|England/MILK-B8DD36/2020|2020-11-13|EPI_ISL_674675|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spieke|hCoV-19|England/CAMB-7ED24/2020|2020-04-07|EPI_ISL_442869|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiek|hCoV-19|England/SHEF-C5711/2020|2020-04-18|EPI_ISL_462019|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spiek|hCoV-19|India/KA-IB1/2020|2020-06-19|EPI_ISL_508287|Original|hCoV-19^Karnataka|Human|Indian Institute of Science|National Institute of Biomedical Genomics|Mitra|India
>Spieke|hCoV-19|Spain/AR-IBV-005059/2020|2020-04-21|EPI_ISL_510354|Original|hCoV-19^Aragon|Human|Servicio de Microbiologia\u00eda|SeqCOVID-SPAIN consortium|JLB|Spain
>Spieke|hCoV-19|Australia/SAP087/2020|2020-03-31|EPI_ISL_451122|Original|hCoV-19^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia
>Spieke|hCoV-19|England/QEUH-AD162A/2020|2020-10-24|EPI_ISL_633774|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spieke|hCoV-19|Australia/TAS258/2020|2020-00-00|EPI_ISL_522685|Original|hCoV-19^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia
>Spieke|hCoV-19|Australia/VIC16400/2020|2020-08-08|EPI_ISL_640853|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spieke|hCoV-19|Australia/VIC17875/2020|2020-08-21|EPI_ISL_779523|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Beck|Australia
>Spieke|hCoV-19|Denmark/DCGC-4455/2020|2020-08-31|EPI_ISL_615640|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelaensen|Denmark
>Spieke|hCoV-19|England/ALDP-9BE1E7/2020|2020-09-09|EPI_ISL_567967|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiek|hCoV-19/Zhejiang/CN5/2020|2020-01-22|EPI_ISL_455685|unknown|hCoV-19^Zhejiang|Human|Department of Microbiology|Submitter|China
>Spiek|hCoV-19/USA/GA-MAY061/2020|2020-03-17|EPI_ISL_500513|Original|hCoV-19^Georgia|Human|Mayo Clinic Laboratories|University of Washington Virology Lab|Roychoudhury|USA
>Spiek|hCoV-19/USA/NY-QDX-857/2020|2020-03-16|EPI_ISL_571664|Original|hCoV-19^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/Australia/VIC11942/2020|2020-08-04|EPI_ISL_591899|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spikes|hCoV-19/India/DL-MaxCov0003-CSIR-IGIB/2020|2020-05-09|EPI_ISL_459911|Original|hCoV-19^^Delhi|Human|Devki Devi Foundation|CSIR-IGIB|Max|Pandey|India

>Spikes|hCoV-19/USA/CA-IGI-0064/2020|2020-06-19|EPI_ISL_511819|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spikes|hCoV-19/Norway/3018/2020|2020-08-05|EPI_ISL_549060|Original|hCoV-19^^Oslo|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Kopperud|Riis|Norway

>Spikes|hCoV-19/Japan/PG-4506/2020|2020-07-00|EPI_ISL_692729|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan

>Spikes|hCoV-19/Wales/PHWC-48DB9D/2020|2020-11-02|EPI_ISL_680734|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spikes|hCoV-19/Spain/PS-IVB-98008457/2020|2020-10-25|EPI_ISL_654614|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiologia|u00eda. Hospital Universitario Donostia. OSI Donostialdea. |u00c1rea de Enfermedades Infecciosas|SegCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spikes|hCoV-19/South Africa/KRISP-K002501/2020|2020-08-07|EPI_ISL_535398|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spikes|hCoV-19/Australia/VIC7985/2020|2020-08-13|EPI_ISL_564790|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spikes|hCoV-19/Denmark/DCGC-20692/2020|2020-12-21|EPI_ISL_758842|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Madsen|Denmark

>Spikes|hCoV-19/USA/TX-HMH-5616/2020|2020-06-18|EPI_ISL_544905|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spikes|hCoV-19/SaudiArabia/KAUSTR-4MINH35/2020|2020-04-23|EPI_ISL_512949|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spikes|hCoV-19/Canada/QC_AF7/2020|2020-04-04|EPI_ISL_515202|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spikes|hCoV-19/England/QUEH-B1396E/2020|2020-11-02|EPI_ISL_641748|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spikes|hCoV-19/Iceland/113/2020|2020-03-11|EPI_ISL_417781|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3yfr1sson|Iceland

>Spikes|hCoV-19/Australia/VIC3462/2020|2020-07-06|EPI_ISL_521125|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spikes|hCoV-19/Australia/VIC14086/2020|2020-08-22|EPI_ISL_563963|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spikes|hCoV-19/Switzerland/VS-ETHZ-410149/2020|2020-12-15|EPI_ISL_737846|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spikes|hCoV-19/Belgium/rega-0505486/2020|2020-05-05|EPI_ISL_477003|Original|hCoV-19^^Flanders-Les-Mortela|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spikes|hCoV-19/England/MLK-MACDAAD/2020|2020-10-21|EPI_ISL_630267|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19/Australia/NW699/2020|2020-07-22|EPI_ISL_513342|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology -
Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Haldenby|United Kingdom

> Spike | hCoV-19 | England | 204581597/2020 | 2020-11-04 | EPI_ISL_678700 | Original | hCoV-19 | England | Human | Respiratory Virus Unit | COVID-19 Genomics UK (COG-UK) Consortium | Platt | United Kingdom

> Spike | hCoV-19 | Wales | PHWC-166508/2020 | 2020-06-15 | EPI_ISL_494009 | Original | hCoV-19 | Wales | Human | Originating lab | COVID-19 Genomics UK (COG-UK) Consortium | Moore | United Kingdom

> Spike | hCoV-19 | England | LIVE-A9D02/2020 | 2020-03-24 | EPI_ISL_517353 | Original | hCoV-19 | England | Human | Liverpool Clinical Laboratories | COVID-19 Genomics UK (COG-UK) Consortium | Platt | United Kingdom

> Spike | hCoV-19 | Australia | VIC14731/2020 | 2020-08-19 | EPI_ISL_592974 | Original | hCoV-19 | Victoria | Human | Victorian Infectious Diseases Reference Laboratory (VIDRL) | VIDRL and MDU-PHL | Schultz | Australia

> Spike | hCoV-19 | USA | LA-SR0209/2020 | 2020-03-27 | EPI_ISL_437546 | Original | hCoV-19 | Louisiana | Human | Robert Garry lab | Andersen lab at Scripps Research | Gangavarapu | USA

> Spike | hCoV-19 | England | ALDP-5A2C43/2020 | 2020-06-14 | EPI_ISL_558775 | Original | hCoV-19 | England | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> Spike | hCoV-19 | Canada | ON-E52/2020 | 2020-05-29 | EPI_ISL_593527 | Original | hCoV-19 | Ontario | Human | Eastern Ontario Regional Laboratory Association | McMaster University | McArthur | Canada

> Spike | hCoV-19 | USA | TX-TAMU-013/2020 | 2020-06-28 | EPI_ISL_699506 | Original | hCoV-19 | Texas | Felis catus | Diagnostic Virology Laboratory | Diagnostic Virology Laboratory | Torchetti | USA

> Spike | hCoV-19 | England | MILK-DOD67D/2020 | 2020-12-20 | EPI_ISL_781950 | Original | hCoV-19 | England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom

> Spike | hCoV-19 | Japan | PG-4681/2020 | 2020-08-00 | EPI_ISL_689818 | Original | hCoV-19 | Japan | Human | Fukuoka Institute of Health and Environmental Sciences | Pathogen Genomics Center | Sekizuka | Japan

> Spike | hCoV-19 | England | ALDP-A6DE58/2020 | 2020-10-14 | EPI_ISL_607947 | Original | hCoV-19 | England | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> Spike | hCoV-19 | Denmark | DGGC-17006/2020 | 2020-12-14 | EPI_ISL_750318 | Original | hCoV-19 | Denmark | Human | Department of Virus and Microbiological Special Diagnostics | Albertsen Lab | Michaelsen | Denmark

> Spike | hCoV-19 | Australia | VIC7565/2020 | 2020-00-00 | EPI_ISL_564502 | Original | hCoV-19 | Victoria | Human | Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) | MDU-PHL | Schultz | Australia

> Spike | hCoV-19 | USA | TX-HMH-MCoV-14677/2020 | 2020-10-11 | EPI_ISL_787962 | Original | hCoV-19 | Texas | Human | Houston Methodist Hospital | Houston Methodist Hospital | Long | USA

> Spike | hCoV-19 | England | CAMB-1AFDDE/2020 | 2020-05-04 | EPI_ISL_459189 | Original | hCoV-19 | England | Human | Department of Pathology | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> Spike | hCoV-19 | Bangladesh | BCSIR-NILMRC-004/2020 | 2020-05-23 | EPI_ISL_462090 | Original | hCoV-19 | Dhaka | Human | National Institute of Laboratory Medicine and Referral Center | Genomic Research Lab | Khan | Bangladesh

> Spike | hCoV-19 | Australia | QLD1D938/2020 | 2020-03-23 | EPI_ISL_444612 | Original | hCoV-19 | Queensland | Human | QML Pathology | Public Health Virology Laboratory | Warillow | Australia

> Spike | hCoV-19 | England | CAMC-A663AB/2020 | 2020-10-11 | EPI_ISL_627318 | Original | hCoV-19 | England | Human | University of Exeter | COVID-19 Genomics UK (COG-UK) Consortium | Temperton | United Kingdom
>Spike|hCoV-19/England/QEUH-AD5CE8/2020|2020-10-26|EPI_ISL_634576|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Beijing/DT-travelCA01/2020|2020-03-12|EPI_ISL_452331|Original|hCoV-19^Beijing|Human|Laboratory of Infectious Diseases Center of Beijing Ditan Hospital|Laboratory of Infectious Diseases Center of Beijing Ditan Hospital|Yang|China
>Spike|hCoV-19/England/NORT-284B98/2020|2020-03-26|EPI_ISL_478580|Original|hCoV-19^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust | COVID-19 Genomics UK (COG-UK) consortium|Bashton|United Kingdom
>Spike|hCoV-19/England/QEUH-96FA26/2020|2020-08-17|EPI_ISL_540246|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/CA-CZB-1919/2020|2020-04-22|EPI_ISL_486211|Original|hCoV-19^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA
>Spike|hCoV-19/England/CAMC-990D50/2020|2020-08-26|EPI_ISL_551901|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Canada/ON-S1584/2020|2020-09-04|EPI_ISL_755928|Original|hCoV-19^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
>Spike|hCoV-19/France/OCC-79/2020|2020-06-10|EPI_ISL_593890|Original|hCoV-19^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F^u00e9ratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut F^u00e9ratif de Biologie|Latour|France
>Spike|hCoV-19/Denmark/DCGC-1966/2020|2020-07-13|EPI_ISL_618287|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/CA-QDX-2743/2020|2020-03-17|EPI_ISL_605019|Original|hCoV-19^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/England/SHEF-C2046/2020|2020-05-11|EPI_ISL_475357|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/England/BRIS-1231B8/2020|2020-04-05|EPI_ISL_442778|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/England/LIVE-DB629D/2020|2020-11-07|EPI_ISL_651259|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/England/QEUH-963B7A/2020|2020-08-11|EPI_ISL_531489|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/BRIS-121E59/2020|2020-03-19|EPI_ISL_440071|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/Australia/VIC10081/2020|2020-08-29|EPI_ISL_562788|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Japan/PG-6908/2020|2020-09-09|EPI_ISL_688016|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/LOND-1261132/2020|2020-04-02|EPI_ISL_524635|Original|hCoV-19^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/MLIK-9E32AA/2020|2020-09-20|EPI_ISL_581287|Original|hCoV-19^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Belgium/ULG-10417/2020|2020-08-14|EPI_ISL_581599|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
Spike|hCoV-19/Denmark/DGCC-10726/2020|2020-11-02|EPI_ISL_670164|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark
Spike|hCoV-19/Denmark/DGCC-4316/2020|2020-09-07|EPI_ISL_615516|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark
Spike|hCoV-19/USA/NY-MSK-16A/2020|2020-04-02|EPI_ISL_583475|Original|hCoV-19^^New York|Human|Memorial Sloan Kettering Cancer Center|van Bakel Laboratory|van Bakel|USA
Spike|hCoV-19/England/NORW-E8156/2020|2020-04-08|EPI_ISL_449114|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Ali Khan|United Kingdom
Spike|hCoV-19/Australia/VIC6305/2020|2020-07-22|EPI_ISL_518293|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19/USA/FL-BPHL-055/2020|2020-04-20|EPI_ISL_436559|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
Spike|hCoV-19/Japan/IC-0302/2020|2020-11-00|EPI_ISL_667731|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19/Denmark/DGCC-7988/2020|2020-10-26|EPI_ISL_617142|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelisen|Denmark
Spike|hCoV-19/Australia/NSW142/2020|2020-03-24|EPI_ISL_427749|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology – Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
Spike|hCoV-19/Canada/MB-NML-621/2020|2020-03-27|EPI_ISL_582291|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Major|Canada
Spike|hCoV-19/England/CAMC-AEAAE6/2020|2020-10-26|EPI_ISL_633329|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/ALDP-B48177/2020|2020-11-07|EPI_ISL_649429|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/Australia/VIC4917/2020|2020-07-13|EPI_ISL_519292|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
Spike|hCoV-19/Hungary/UD-90323/2020|2020-10-04|EPI_ISL_671460|Original|hCoV-19^^Borsod-Aba\u00e8|Human|University of Debrecen|National Laboratory of Virology|Kemenesi|Hungary
Spike|hCoV-19/USA/DC-UW-1089/2020|2020-07-27|EPI_ISL_516514|Original|hCoV-19^^District of Columbia|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
Spike|hCoV-19/USA/UT-08512/2020|2020-05-17|EPI_ISL_524276|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
Spike|hCoV-19/Denmark/DGCC-945/2020|2020-03-30|EPI_ISL_614517|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark
Spike|hCoV-19/England/ALDP-B82A1C/2020|2020-11-14|EPI_ISL_675174|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/USA/UT-UFHL-201122052/2020|2020-10-06|EPI_ISL_634931|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
Spike|hCoV-19/England/CAMB-1AB701/2020|2020-04-27|EPI_ISL_444328|Original|hCoV-19
^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
Spike|hCoV-19/England/EXET-13551|2020-04-10|EPI_ISL_457069|Original|hCoV-19
^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
Spike|hCoV-19/USA/CO-CDPHE-2007234441/2020|2020-07-23|EPI_ISL_677296|Original|hCoV-19
^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Pupal Health and Environment|Bankers|USA
Spike|hCoV-19/USA/PA-QDX-1191/2020|2020-03-16|EPI_ISL_572034|Original|hCoV-19
^Pennsylvania|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
Spike|hCoV-19/England/QEUH-9C9617/2020|2020-09-10|EPI_ISL_567288|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/TX-HMH-MCoV-19303/2020|2020-11-27|EPI_ISL_783749|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/Wales/PHWC-29D37/2020|2020-04-02|EPI_ISL_474249|Original|hCoV-19
^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-132/2020|2020-06-18|EPI_ISL_480416|Original|hCoV-19
^Dhaka|Human|National Institute of Laboratory Medicine and Referral Center|Bangladesh Council of Scientific and Industrial Research|Khan|Bangladesh
Spike|hCoV-19/England/ALDP-C58207/2020|2020-12-13|EPI_ISL_735950|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/USA/TX-HMH-MCoV-17953/2020|2020-11-16|EPI_ISL_786101|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/Switzerland/BL-ETHZ-190052/2020|2020-07-09|EPI_ISL_500913|Original|hCoV-19
^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
Spike|hCoV-19/Wales/PHWC-4A4969/2020|2020-12-14|EPI_ISL_764752|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/USA/TX-HMH-6080/2020|2020-06-23|EPI_ISL_547218|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/Switzerland/VD-ETHZ-270177/2020|2020-08-28|EPI_ISL_541500|Original|hCoV-19
^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
Spike|hCoV-19/England/SHEF-10B3027/2020|2020-05-27|EPI_ISL_537233|Original|hCoV-19
^England|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/WA-UW-12962/2020|2020-06-30|EPI_ISL_570938|Original|hCoV-19
^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
Spike|hCoV-19/England/ALDP-B742AC/2020|2020-11-12|EPI_ISL_662120|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/USA/Japan/PG-0657/2020|2020-04-00|EPI_ISL_684267|Original|hCoV-19
^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19/Netherlands/ZH-EMC-753/2020|2020-10-03|EPI_ISL_632594|Original|hCoV-19
^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
Spike|hCoV-19/England/CAMC-B78572/2020|2020-11-11|EPI_ISL_661695|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/USA/MD-MDH-0355/2020|2020-10-21|EPI_ISL_648294|Original|hCoV-19
^Maryland|Human|MD PHL|MD PHL|Keller|USA
Spike|hCoV-19|England/CAMB-71E3D/2020|2020-03-29|EPI_ISL_439652|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
Spike|hCoV-19|England/ALDP-A70001/2020|2020-10-15|EPI_ISL_608305|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Denmark/ALAB-SS1413A/2020|2020-03-23|EPI_ISL_429510|Original|hCoV-19^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark
Spike|hCoV-19|USA/UT-UK-1337/2020|2020-09-04|EPI_ISL_536708|Original|hCoV-19^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
Spike|hCoV-19|England/CAMC-B22C63/2020|2020-11-02|EPI_ISL_647375|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|England/QEUH-AEFAC3/2020|2020-10-29|EPI_ISL_662747|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|Northern Ireland/NIRE-106977/2020|2020-05-16|EPI_ISL_500991|Original|hCoV-19^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Spain/MD-IVB-99008516/2020|2020-09-10|EPI_ISL_654034|Original|hCoV-19^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1o|SeqCOVID-SPAIN consortium|COMAS|Spain
Spike|hCoV-19|USA/UT-UPHL-2012460530/2020|2020-11-30|EPI_ISL_746446|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA
Spike|hCoV-19|USA/NM-DOH-2020642119/2020|2020-12-27|EPI_ISL_767065|Original|hCoV-19^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Malone|USA
Spike|hCoV-19|Brazil/RS-2546/2020|2020-03-20|EPI_ISL_729810|Original|hCoV-19^Rio Grande do Sul|Human|Laboratorio Central de Saude Publica do Estado do Rio Grande do Sul (LACEN-RS)|Laboratory of Respiratory Viruses and Measles|Silva|Brazil
Spike|hCoV-19|Denmark/DCGC-11735/2020|2020-10-26|EPI_ISL_671103|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
Spike|hCoV-19|Wales/PHWC-24877/2020|2020-03-00|EPI_ISL_432376|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
Spike|hCoV-19|England/QEUH-B40704/2020|2020-11-08|EPI_ISL_657164|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|Hong Kong/HKU-ITH0511-009c/2020|2020-03-13|EPI_ISL_538537|Original|hCoV-19^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China
Spike|hCoV-19|Russia/MUR-RIT-MH2063S/2020|2020-09-23|EPI_ISL_602398|Original|hCoV-19^Murman|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia
Spike|hCoV-19|England/QEUH-B68452/2020|2020-11-01|EPI_ISL_655088|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|Canada/Qc-L00240746/2020|2020-03-26|EPI_ISL_465683|Original|hCoV-19^Quebec|Human|\u00f1o de Maria|Laboratoire de sant\u00e9|Du Qu\u00e9bec|Moreira|Canada
Spike|hCoV-19|USA/FI-BPHL-2237/2020|2020-05-21|EPI_ISL_666859|Original|hCoV-19^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/USA/LA-EVTL1124/2020|2020-12-05|EPI_ISL_768394|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Iceland/307/2020|2020-03-18|EPI_ISL_417636|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\'u0f3nsson|Iceland

>Spike|hCoV-19/Germany/BE-ChV1r-D1946-8235/2020|2020-10-01|EPI_ISL_753788|Original|hCoV-19^^Berlin|Human|Charit\'u00e9|University of Wisconsin Laboratories|Baczenas|USA

>Spike|hCoV-19/England/MILK-9F28F1/2020|2020-09-22|EPI_ISL_589117|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QUEH-AD0FC6/2020|2020-10-26|EPI_ISL_634599|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB6407/2020|2020-04-14|EPI_ISL_487848|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5174/2020|2020-08-00|EPI_ISL_690277|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QUEH-B2D239/2020|2020-11-04|EPI_ISL_659823|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-98F2E/2020|2020-04-07|EPI_ISL_439673|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Japan/PG-2316/2020|2020-04-00|EPI_ISL_685921|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/OXON-B0F5D/2020|2020-04-10|EPI_ISL_478980|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-B38C79/2020|2020-11-01|EPI_ISL_658790|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QUEH-9FAB2D/2020|2020-09-29|EPI_ISL_600603|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2265/2020|2020-11-01|EPI_ISL_728034|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/MILK-BAB1EB/2020|2020-11-17|EPI_ISL_681562|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CEC11A/2020|2020-12-19|EPI_ISL_781408|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Shanghai/SH0023/2020|2020-01-30|EPI_ISL_416332|Original|hCoV-19^^Shanghai|Human|Shanghai Public Health Clinical Center|National Research Center for Translational Medicine (Shanghai)|Zhang|China

>Spike|hCoV-19/USA/WI-UW-190/2020|2020-03-23|EPI_ISL_428286|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA
> Spike| hCoV-19/USA/WI-UW-1740/2020| 2020-09-10| EPI_ISL_605613| Original| hCoV-19\^\^Wisconsin| Human| University of Wisconsin-Madison AIDS Vaccine Research Laboratories| University of Wisconsin-Madison AIDS Vaccine Research Laboratories| Baczenas| USA
> Spike| hCoV-19/USA/TX-HMH-MCoV-14330/2020| 2020-10-06| EPI_ISL_787615| Original| hCoV-19\^\^Texas| Human| Houston Methodist Hospital| Houston Methodist Hospital| Long| USA
> Spike| hCoV-19/Germany/HH-hpi-p1989/2020| 2020-03-27| EPI_ISL_776307| Original| hCoV-19\^\^Hamburg| Human| University Medical Center Eppendorf| Heinrich Pette Institute| Robitaille| Germany
> Spike| hCoV-19/Scotland/EDB10557/2020| 2020-10-13| EPI_ISL_705779| Original| hCoV-19\^\^Scotland| Human| Virology Department| COVID-19 Genomics UK (COG-UK) Consortium| McHugh| United Kingdom
> Spike| hCoV-19/Denmark/ALAB-SS1-902/2020| 2020-03-30| EPI_ISL_444965| Original| hCoV-19\^\^Denmark| Human| Department of Virus and Microbiological Special Diagnostics| Albertsen lab| Kirkegaard| Denmark
> Spike| hCoV-19/United Arab Emirates/1033/2020| 2020-06-11| EPI_ISL_698108| Original| hCoV-19\^\^Abu Dhabi| Human| Department of Pathology| COVID-19 Genomics UK (COG-UK) Consortium| Ogrodzki| United Arab Emirates
> Spike| hCoV-19/USA/NY-Wadsworth/11679-01/2020| 2020-03-08| EPI_ISL_525586| Original| hCoV-19\^\^New York| Human| Wadsworth Center| Wadsworth Center| Plitnick| USA
> Spike| hCoV-19/USA/CA-CZB-7148/2020| 2020-09-09| EPI_ISL_582932| Original| hCoV-19\^\^California| Human| County of Santa Clara Public Health Department| Chan-Zuckerberg Biohub| Bhatt| USA
> Spike| hCoV-19/England/CAMB-82C3F/2020| 2020-04-24| EPI_ISL_438672| Original| hCoV-19\^\^England| Human| Laboratory of Pathology| COVID-19 Genomics UK (COG-UK) Consortium| Meredith| United Kingdom
> Spike| hCoV-19/Finland/S9C11/2020| 2020-10-31| EPI_ISL_732653| Original| hCoV-19\^\^Uusimaa| Human| Department of Virology and Immunology| Department of Virology| Smura| Finland
> Spike| hCoV-19/Luxembourg/LNS2696567/2020| 2020-11-12| EPI_ISL_740171| Original| hCoV-19\^\^Luxembourg| Human| Laboratoire national de sant\'u00e9| Laboratoire national de santé| Wienecke-Baldacchino| Luxembourg
> Spike| hCoV-19/England/MILK-562EC1/2020| 2020-06-10| EPI_ISL_558294| Original| hCoV-19\^\^England| Human| Lighthouse Lab in Milton Keynes| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom
> Spike| hCoV-19/England/MILK-ACCF09/2020| 2020-10-21| EPI_ISL_634477| Original| hCoV-19\^\^England| Human| Lighthouse Lab in Milton Keynes| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom
> Spike| hCoV-19/Netherlands/FR-RIVM-20194/2020| 2020-11-29| EPI_ISL_723348| Original| hCoV-19\^\^Friesland| Human| Dutch COVID-19 response team| National Institute for Public Health and the Environment (RIVM)| Meijer| Netherlands
> Spike| hCoV-19/England/QEUH-C34016/2020| 2020-12-11| EPI_ISL_734018| Original| hCoV-19\^\^England| Human| Lighthouse Lab in Glasgow| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom
> Spike| hCoV-19/England/QEUH-969619/2020| 2020-08-12| EPI_ISL_530966| Original| hCoV-19\^\^England| Human| Lighthouse Lab in Glasgow| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom
> Spike| hCoV-19/Australia/NSW323/2020| 2020-03-27| EPI_ISL_451585| Original| hCoV-19\^\^New South Wales| Human| Pathology West - NSW Health Pathology| NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney| Gall| Australia
> Spike| hCoV-19/England/MILK-B8E843/2020| 2020-11-13| EPI_ISL_674132| Original| hCoV-19\^\^England| Human| Lighthouse Lab in Milton Keynes| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom
> Spike| hCoV-19/Denmark/DGCC-4349/2020| 2020-09-07| EPI_ISL_615551| Original| hCoV-19\^\^Syddanmark| Human| Department of Virus and Microbiological Special Diagnostics| Albertsen lab| Michaelsen| Denmark
> Spike| hCoV-19/Germany/DEU-51375/2020| 2020-11-12| EPI_ISL_636974| Original| hCoV-19\^\^England| Human| Respiratory Virus Unit| Respiratory Virus Unit| Platt| United Kingdom
> Spike|hCoV-19/USA/NY-Wadsworth-213978-01/2020|2020-09-09|EPI_ISL_765487|Original|hCoV-19^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

> Spike|hCoV-19/USA/WI-UW-1332/2020|2020-08-31|EPI_ISL_536703|Original|hCoV-19^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

> Spike|hCoV-19/Sweden/20-53770/2020|2020-12-14|EPI_ISL_766637|Original|hCoV-19^Dalarna|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartström|Sweden

> Spike|hCoV-19/England/ALDP-A936D9/2020|2020-10-20|EPI_ISL_610984|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/England/MIILK-A7AAFA/2020|2020-10-15|EPI_ISL_606567|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/Wales/PHWC-160EBB/2020|2020-05-18|EPI_ISL_473061|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/England/QUEUH-B7F03E/2020|2020-11-14|EPI_ISL_661913|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/USA/WA-S520/2020|2020-03-31|EPI_ISL_434280|Original|hCoV-19^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

> Spike|hCoV-19/Denmark/DGCC-2751/2020|2020-08-17|EPI_ISL_616496|Original|hCoV-19^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

> Spike|hCoV-19/England/ALDP-5C2D1D/2020|2020-06-19|EPI_ISL_558655|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/England/QUEUH-A36DF1/2020|2020-10-05|EPI_ISL_638085|Original|hCoV-19^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/Gibraltar/204641733/2020|2020-00-00|EPI_ISL_637206|Original|hCoV-19^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

> Spike|hCoV-19/England/ALDP-B23CDB/2020|2020-11-04|EPI_ISL_646291|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/USA/AZ-QDX-1626/2020|2020-03-19|EPI_ISL_603876|Original|hCoV-19^Arizona|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

> Spike|hCoV-19/Ireland/D-NVRL-20G44451/2020|2020-03-31|EPI_ISL_605061|Original|hCoV-19^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Helixworks|Chalapati|Ireland

> Spike|hCoV-19/England/QUEUH-B11CS8/2020|2020-11-02|EPI_ISL_642465|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/England/MIILK-99DCB0/2020|2020-08-31|EPI_ISL_550597|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/England/QUEUH-B3195B/2020|2020-11-04|EPI_ISL_646171|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/England/QUEUH-BOE298/2020|2020-11-02|EPI_ISL_642160|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/Australia/VIC16550/2020|2020-08-09|EPI_ISL_640966|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Consortium|Haldenby|United Kingdom
19|England|Human|Liverpool Clinical Laboratories|COVID
Spike|hCoV
and MDU
19|Victoria|Human|Diagnostics|Albertsen lab|Michaelsen|Denmark
Spike|hCoV
Health|Garfin|USA
Spike|hCoV
COVID
University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the
19|Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC
Spike|hCoV
Sante|Wienecke
19|Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de
Spike|hCoV
(COG
19|Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK)
Consortium|McHugh|United Kingdom
19|England|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK
Consortium|Robertson|United Kingdom
19|England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
19|United Arab Emirates/0245/2020|2020-05-17|EPI_ISL_698427|Original|hCoV-19
Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
19|California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
19|England|Human|University College London|COVID-19 Genomics UK (COG-UK)
Consortium|Roy|United Kingdom
19|Denmark|DCGC-1911/2020|2020-06-15|EPI_ISL_622502|Original|hCoV-19
Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelensen|Denmark
19|Scotland|CVR191/2020|2020-03-18|EPI_ISL_425726|Original|hCoV-19
Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
19|Luxembourg|LNS7469301/2020|2020-03-23|EPI_ISL_429715|Original|hCoV-19
Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Wienecke-Baldacchino|Luxembourg
19|Scotland|GCVR-173052/2020|2020-04-05|EPI_ISL_524510|Original|hCoV-19
Scotland|Human|NHSGGC West of Scotland Specialist Virusology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
19|USA/MN-MDH-1346/2020|2020-04-13|EPI_ISL_507935|Original|hCoV-19
Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA
19|Denmark|DCGC-5476/2020|2020-09-21|EPI_ISL_620801|Original|hCoV-19
Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelensen|Denmark
19|Australia/VIC6788/2020|2020-07-20|EPI_ISL_564055|Original|hCoV-19
Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
19|England/LIVE-1E4B00/2020|2020-10-16|EPI_ISL_626807|Original|hCoV-19
England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/CANADA/ON-E68/2020|2020-06-11|EPI_ISL_593541|Original|hCoV-19^Ontario|Human|Eastern Ontario Regional Laboratory Association|McMaster University|McArthur|Canada
>Spke|hCoV-19/England/QEUEH-AAAEBF/2020|2020-10-21|EPI_ISL_652732|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK)
>Spke|hCoV-19/USA/WA-UM-3997/2020|2020-03-29|EPI_ISL_472344|Original|hCoV-19^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spke|hCoV-19/Panama/334117/2020|2020-03-29|EPI_ISL_496766|Original|hCoV-19^Panama
West|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spke|hCoV-19/France/ARA-26087/2020|2020-04-16|EPI_ISL_676559|Original|hCoV-19^Auvergne-Rhône-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France
>Spke|hCoV-19/USA/MI-MDHSS-SC22342/2020|2020-11-09|EPI_ISL_708322|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA
>Spke|hCoV-19/USA/TX-HMH-MCoV-16243/2020|2020-10-30|EPI_ISL_785927|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spke|hCoV-19/England/QEUEH-B6B9A3/2020|2020-11-11|EPI_ISL_655096|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19/USA/AZ-TG477329/2020|2020-07-08|EPI_ISL_695056|Original|hCoV-19^Arizona|Human|TGen North|TGen North|French|USA
>Spke|hCoV-19/USA/TX-HMH-6780/2020|2020-06-25|EPI_ISL_546238|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spke|hCoV-19/USA/TX-HMH-6389/2020|2020-07-05|EPI_ISL_545962|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spke|hCoV-19/England/QEUEH-C335CD/2020|2020-12-11|EPI_ISL_782489|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19/England/ALDP-9E77F2/2020|2020-09-24|EPI_ISL_638223|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK)
Consortium|Goodfellow|United Kingdom
>Spke|hCoV-19/England/MILK-A46AAC/2020|2020-10-06|EPI_ISL_598433|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19/England/QEUEH-B0F1B8/2020|2020-11-02|EPI_ISL_642523|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19/Brazil/SP-L2-CAMP145/2020|2020-04-18|EPI_ISL_476339|Original|hCoV-19^Brazil/S\u00e9 Paulo|Human|Laborat|u00f3rio de Patologia Cl\u00e1tico|UNICAMP|Laborat|u00f3rio de Estudos de V\u00eankem Emergentes - UNICAMP|Faria|Brazil
>Spke|hCoV-19/England/MILK-993027/2020|2020-08-26|EPI_ISL_552038|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/Belgium/ULG-10053/2020|2020-04-05|EPI_ISL_424661|Original|hCoV-19^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
>Spke|hCoV-19/Spain/MD-IBV-006414/2020|2020-05-19|EPI_ISL_510129|Original|hCoV-19^Madrid|Human|Hospital General Universitario Gregorio Mar\u00eda|u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain
>Spke|hCoV-19/England/QEUEH-AAC8C8/2020|2020-10-21|EPI_ISL_652880|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK)
Consortium|Golubchik|United Kingdom
>Spke|hCoV-19/USA/WA-S2630/2020|2020-06-20|EPI_ISL_497262|Original|hCoV-19^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spke|hCoV-19/Belgium/ULG-10419/2020|2020-08-14|EPI_ISL_581601|Original|hCoV-19^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
> Spike\hCoV-19|Switzerland|SO-ETHZ|400301|2020|2020-12-07|EPI_ISL_729159|Original|hCoV-19^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
> Spike\hCoV-19|USA/WA-S201|2020|2020-03-20|EPI_ISL_430239|Original|hCoV-19^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
> Spike\hCoV-19|Hong Kong/HKU-200723-101|2020|2020-07-11|EPI ISL 497868|Original|hCoV-19^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China
> Spike\hCoV-19|England/CAMC-BD2663|2020|2020-11-27|EPI_ISL_702251|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike\hCoV-19|USA/TX-HMW-MCoV-18723|2020|2020-11-20|EPI_ISL_785070|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike\hCoV-19|Japan/IC-0320|2020|2020-11-00|EPI_ISL_667749|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikuzka|Japan
> Spike\hCoV-19|Denmark/DGCC-11149|2020|2020-11-02|EPI_ISL_670419|Original|hCoV-19^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
> Spike\hCoV-19|Portugal/PT1234|2020|2020-03-31|EPI_ISL_511195|Original|hCoV-19^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal
> Spike\hCoV-19|USA/MI-MDHHS-SC20928|2020|2020-05-28|EPI_ISL_476064|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
> Spike\hCoV-19|USA/NY-QDX-2231|2020|2020-03-15|EPI_ISL_604570|Original|hCoV-19^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
> Spike\hCoV-19|USA/MA-MASPHL-00158|2020|2020-04-03|EPI_ISL_791626|Original|hCoV-19^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA
> Spike\hCoV-19|England/MILK-BA93831|2020|2020-11-17|EPI_ISL_720374|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike\hCoV-19|Netherlands/NoordBrabant_152|2020|2020-04-28|EPI_ISL_461187|Original|hCoV-19^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
> Spike\hCoV-19|United Arab Emirates/1062|2020|2020-06-11|EPI_ISL_698137|Original|hCoV-19^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
> Spike\hCoV-19|England/ALDP-496882|2020|2020-06-07|EPI_ISL_559344|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike\hCoV-19|India/GJ-GBRC153b|2020|2020-04-27|EPI ISL 461482|Original|hCoV-19^Gujarat|Human|Pandit Deendayal Upadhyay Government Medical College|Gujarat Biotechnology Research Centre|Joshi|India
> Spike\hCoV-19|Japan/PG-092|2020|2020-03-06|EPI_ISL_480061|Original|hCoV-19^Chubu|Human|Nagoya City Public Health Research Institute|Pathogen Genomics Center|Sekizuka|Japan
> Spike\hCoV-19|Australia/TAS41|2020|2020-04-15|EPI_ISL_522718|Original|hCoV-19^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia
> Spike\hCoV-19|England/QEUH-9C9DC7|2020|2020-09-10|EPI ISL 567415|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike\hCoV-19|Spain/PV-HUB-50399382|2020|2020-06-06|EPI ISL 486876|Original|hCoV-19^Basque Country|Human|Clinical Microbiology Laboratory- Basurto University Hospital|Biocruces-Bizkaia|Urrutikoetxea-Gutierrez|Spain
> Spike\hCoV-19|USA/SC-20-1413-T10|2020|2020-07-03|EPI_ISL_516762|Original|hCoV-19^South Carolina|Human|van Bakel Laboratory|van Bakel Laboratory|van Bakel|USA
Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/EDB8678/2020|2020-10-22|EPI_ISL_651987|Original|hCoV-19
>Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
>Spike|hCoV-19/USA/MA-MASPHL-00407/2020|2020-04-26|EPI_ISL_693141|Original|hCoV-19
>Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA
>Spike|hCoV-19/USA/WI-WSLH-200421/2020|2020-05-21|EPI_ISL_578583|Original|hCoV-19
>Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA
>Spike|hCoV-19/England/MILK-BB0884/2020|2020-11-18|EPI_ISL_720495|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-AC932E/2020|2020-10-22|EPI_ISL_629681|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-AC8DF4/2020|2020-10-22|EPI_ISL_629561|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Switzerland/ZH-BETHZ-370518/2020|2020-11-19|EPI_ISL_694000|Original|hCoV-19
>Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/England/ALDP-9ED2DD/2020|2020-05-04|EPI_ISL_589371|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WI-UW-697/2020|2020-07-02|EPI_ISL_491375|Original|hCoV-19
>Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczekas|USA
>Spike|hCoV-19/USA/NY-QDX-2530/2020|2020-03-16|EPI_ISL_604826|Original|hCoV-19
>New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/USA/NY-NYUMC842/2020|2020-04-27|EPI_ISL_456114|Original|hCoV-19
>New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
>Spike|hCoV-19/Denmark/DCGC-17450/2020|2020-12-14|EPI_ISL_750403|Original|hCoV-19
>Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albersen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/MILK-C51972/2020|2020-12-11|EPI_ISL_769819|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/NORT-291DB3/2020|2020-05-05|EPI_ISL_489146|Original|hCoV-19
>England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CMAC-B9AE60/2020|2020-11-15|EPI_ISL_673643|Original|hCoV-19
>England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Vietnam/40229/2020|2020-08-08|EPI_ISL_759872|Original|hCoV-19
>Vietnam|Human|National Influenza Center|National Influenza Center|Ung|Vietnam
> Spike|hCoV-19/Italy/VEN-UniVR-116/2020|2020-03-29|EPI_ISL_751417|Original|hCoV-19<br>^Veneto|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy<br>]> Spike|hCoV-19/England/ALDP-C8D834/2020|2020-12-15|EPI_ISL_777470|Original|hCoV-19<br>^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom<br>]> Spike|hCoV-19/England/ALDP-C06183/2020|2020-12-05|EPI_ISL_709361|Original|hCoV-19<br>^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom<br>]> Spike|hCoV-19/USA/MN-MDH-1838/2020|2020-09-21|EPI_ISL_602973|Original|hCoV-19<br>^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA<br>]> Spike|hCoV-19/England/ALDP-A6E640/2020|2020-10-15|EPI_ISL_606962|Original|hCoV-19<br>^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom<br>]> Spike|hCoV-19/England/ALDP-4F9200/2020|2020-06-23|EPI_ISL_559255|Original|hCoV-19<br>^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom<br>]> Spike|hCoV-19/USA/LA-EVTL206/2020|2020-08-11|EPI_ISL_574340|Original|hCoV-19<br>^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA<br>]> Spike|hCoV-19/England/SHEF-C1C43/2020|2020-05-06|EPI_ISL_490584|Original|hCoV-19<br>^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom<br>]> Spike|hCoV-19/USA/UT-UPHL-2012637301/2020|2020-11-30|EPI_ISL_746877|Original|hCoV-19<br>^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA<br>]> Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH539/2020|2020-04-23|EPI_ISL_512952|Original|hCoV-19<br>^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia<br>]> Spike|hCoV-19/USA/UT-01881/2020|2020-04-13|EPI_ISL_470701|Original|hCoV-19<br>^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA<br>]> Spike|hCoV-19/England/20140068404/2020|2020-03-30|EPI_ISL_423400|Original|hCoV-19<br>^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom<br>]> Spike|hCoV-19/Belgium/ULG-10662/2020|2020-10-26|EPI_ISL_636639|Original|hCoV-19<br>^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium<br>]> Spike|hCoV-19/USA/AZ-TG618026/2020|2020-07-18|EPI_ISL_695673|Original|hCoV-19<br>^Arizona|Human|AZ SPHL|TGen North|French|USA<br>]> Spike|hCoV-19/USA/NY-Wadsworth-182892-01/2020|2020-07-04|EPI_ISL_677020|Original|hCoV-19<br>^New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA<br>]> Spike|hCoV-19/USA/MA-MASPH-00294/2020|2020-04-17|EPI_ISL_791708|Original|hCoV-19<br>^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA<br>]> Spike|hCoV-19/Japan/PG-0182/2020|2020-03-03|EPI_ISL_479890|Original|hCoV-19<br>^Kanto|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan<br>]> Spike|hCoV-19/England/20192019204/2020|2020-05-04|EPI_ISL_528418|Original|hCoV-19<br>^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Miah|United Kingdom<br>]> Spike|hCoV-19/England/QEUH-B6C91B/2020|2020-11-11|EPI_ISL_655056|Original|hCoV-19<br>^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom<br>]> Spike|hCoV-19/USA/LA-SR0267/2020|2020-03-31|EPI_ISL_445122|Original|hCoV-19<br>^Louisiana|Human|Robert Garry lab|Andersen lab at Scripps Research|Gangavarapu|USA<br>]> Spike|hCoV-19/England/MLK-C51A06/2020|2020-12-11|EPI_ISL_769781|Original|hCoV-19<br>^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|England|ALDP-B5B7D9/2020|2020-11-09|EPI_ISL_655553|Original|hCoV-19
> Spike|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|England|QUEU-C0130A/2020|2020-12-04|EPI_ISL_720850|Original|hCoV-19
> Spike|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|Luxembourg|LNS765858/2020|2020-11-16|EPI_ISL_744629|Original|hCoV-19
> Spike|hCoV-19|Luxembourg|Human|Laboratoire national de santé|Epidemiology and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
> Spike|hCoV-19|USA|TX-HMH-MCoV-15221/2020|2020-10-20|EPI_ISL_786705|Original|hCoV-19
> Spike|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19|Wales|PHWC-4A0745/2020|2020-12-08|EPI_ISL_743488|Original|hCoV-19
> Spike|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19|USA|ME-HETL-J0361/2020|2020-11-30|EPI_ISL_755484|Original|hCoV-19
> Spike|hCoV-19|Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA
> Spike|hCoV-19|Denmark|DCGC-1425/2020|2020-03-30|EPI_ISL_622484|Original|hCoV-19
> Spike|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
> Spike|hCoV-19|Wales|PHWC-4A229D/2020|2020-12-14|EPI_ISL_743867|Original|hCoV-19
> Spike|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19|England|LIVE-997E9/2020|2020-04-09|EPI_ISL_439762|Original|hCoV-19
> Spike|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
> Spike|hCoV-19|England|ALDP-B83A93/2020|2020-11-14|EPI_ISL_675171|Original|hCoV-19
> Spike|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|England|ALDP-9BEB52/2020|2020-09-09|EPI_ISL_568200|Original|hCoV-19
> Spike|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Switzerland|BS-UHB-42199278/2020|2020-03-19|EPI_ISL_528240|Original|hCoV-19
> Spike|hCoV-19|Singapore|K64543/2020|2020-02-13|EPI_ISL_786706|Original|hCoV-19
> Spike|hCoV-19|England|First Affiliated Hospital of Guangzhou Medical University|BGI-shenzhen & The First Affiliated Hospital of Guangzhou Medical University|Ji|China
> Spike|hCoV-19|Denmark|DCGC-14385/2020|2020-11-30|EPI_ISL_711735|Original|hCoV-19
> Spike|hCoV-19|Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
> Spike|hCoV-19|England|ALDP-9C54A8/2020|2020-09-10|EPI_ISL_567586|Original|hCoV-19
> Spike|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Netherlands|ZH-EMC-820/2020|2020-10-16|EPI_ISL_632695|Original|hCoV-19
> Spike|hCoV-19|Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
> Spike|hCoV-19|England|NOTT-121822/2020|2020-12-22|EPI_ISL_764500|Original|hCoV-19
> Spike|hCoV-19|England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
> Spike|hCoV-19/Northern Ireland/NIRE-1091D6/2020|2020-10-19|EPI_ISL_651404|Original|hCoV-19|Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
> Spike|hCoV-19/Denmark/DCGC-22198/2020|2020-12-14|EPI_ISL_758610|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark
> Spike|hCoV-19/England/QEUH-AD4135/2020|2020-10-26|EPI_ISL_634076|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Spike|hCoV-19/England/Queensferry/2020|2020-03-09|EPI_ISL_420113|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Spain/VC-FISABIO-28/2020|2020-03-09|EPI_ISL_420113|Original|hCoV-19|Comunitat Valenciana|Human|Servicio de Microbiologia|U006ed. Consorcio Hospital General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain
> Spike|hCoV-19/Wales/CHS-264BD/2020|2020-03-28|EPI_ISL_422042|Original|hCoV-19|Mundesley|Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology and Molecular Laboratory|Moore|United Kingdom
> Spike|hCoV-19/USA/CA-CSMC45/2020|2020-03-31|EPI_ISL_475657|Original|hCoV-19|California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA
> Spike|hCoV-19/England/Queensferry/2020|2020-10-20|EPI_ISL_623991|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/Queensferry/2020|2020-03-15|EPI_ISL_420113|Original|hCoV-19|Scotland|Human|Pathogen Sequencing Centre|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/New Zealand/20CV0675/2020|2020-12-19|EPI_ISL_755622|Original|hCoV-19|Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
> Spike|hCoV-19/England/Queensferry/2020|2020-12-17|EPI_ISL_761957|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/Queensferry/2020|2020-06-11|EPI_ISL_556417|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/MILK-993ADE/2020|2020-08-27|EPI_ISL_552406|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Oregon/OHSU Lab Services Molecular Microbiology Lab|Oregon|SARS-CoV-2 Genome Sequencing Center|O'Roak|USA
> Spike|hCoV-19/England/Queensferry/2020|2020-11-26|EPI_ISL_647755|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Scotland/CVR5326/2020|2020-10-23|EPI_ISL_651759|Original|hCoV-19|Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
> Spike|hCoV-19/Japan/IC-0029/2020|2020-05-05|EPI_ISL_591373|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
> Spike|hCoV-19/USA/TX-HMH-MCoV-13800/2020|2020-08-17|EPI_ISL_788893|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Bangladesh/DNAS-CPH-isl-486/2020|2020-04-29|EPI_ISL_605891|Original|hCoV-19^Bangladesh|Human|NGS Lab|NGS Lab|Rabbi|Bangladesh

>=Spike|hCoV-19/USA/TX-HMH-5976/2020|2020-06-29|EPI_ISL_547138|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>=Spike|hCoV-19/Netherlands/NB-EMC-190/2020|2020-00-00|EPI_ISL_523313|Original|hCoV-19^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>=Spike|hCoV-19/USA/UT-UPHL-2012820453/2020|2020-09-10|EPI_ISL_745554|Original|hCoV-19^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>=Spike|hCoV-19/Canada/BC_26590014/2020|2020-03-00|EPI_ISL_463239|Original|hCoV-19^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>=Spike|hCoV-19/Wales/PHWC-4999EF/2020|2020-12-04|EPI_ISL_727387|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>=Spike|hCoV-19/England/QEUH-AFOBF9/2020|2020-10-29|EPI_ISL_662705|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>=Spike|hCoV-19/Switzerland/BE-ETHZ-410197/2020|2020-12-13|EPI_ISL_737493|Original|hCoV-19^Bern|Human|VioUlier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>=Spike|hCoV-19/Hungary/UD-57983/2020|2020-09-02|EPI_ISL_671444|Original|hCoV-19^Borsod-Abauj\u00e9zempl|\u00e9sz|University of Debrecen|National Laboratory of Virology|Kemenes|Hungary

>=Spike|hCoV-19/England/MILK-A6A2F5/2020|2020-10-09|EPI_ISL_626754|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>=Spike|hCoV-19/Portugal/PT1744/2020|2020-11-10|EPI_ISL_731981|Original|hCoV-19^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>=Spike|hCoV-19/England/CAMB-1B8789/2020|2020-10-28|EPI_ISL_650562|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>=Spike|hCoV-19/USA/LA-EVTL1343/2020|2020-12-11|EPI_ISL_779009|Original|hCoV-19^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>=Spike|hCoV-19/USA/TX-HMH-MCoV-14513/2020|2020-10-08|EPI_ISL_787798|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>=Spike|hCoV-19/USA/TX-HMH-MCoV-10830/2020|2020-07-05|EPI_ISL_789647|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>=Spike|hCoV-19/Denmark/DGCC-12321/2020|2020-11-16|EPI_ISL_682502|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albersen Lab|Michaelsen|Denmark

>=Spike|hCoV-19/Germany/HH-hpi-p1897/2020|2020-03-24|EPI_ISL_776237|Original|hCoV-19^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>=Spike|hCoV-19/Japan/PG-6183/2020|2020-08-00|EPI_ISL_689295|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>=Spike|hCoV-19/USA/LA-GBC-26629218/2020|2020-04-23|EPI_ISL_485223|Original|hCoV-19^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>=Spike|hCoV-19/USA/WI-WSLH-200529/2020|2020-05-27|EPI_ISL_578668|Original|hCoV-19^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>=Spike|hCoV-19/Wales/PHWC-2E084/2020|2020-04-10|EPI_ISL_446053|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/England/CAMB-7492A/2020|2020-03-28|EPI_ISL_425339|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spike|hCoV-19/USA/UT-UPHL-201116688/2020|2020-09-28|EPI_ISL_628939|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/USA/ME-HETL-J0272/2020|2020-10-01|EPI_ISL_755418|Original|hCoV-19^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA
>Spike|hCoV-19/Australia/VIC8815/2020|2020-08-01|EPI_ISL_565213|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Switzerland/AG-ETHZ-110503/2020|2020-04-07|EPI_ISL_451909|Original|hCoV-19^Aargau|Human|Viozler AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/England/ALDP-B83B63/2020|2020-11-14|EPI_ISL_675708|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-ACD81C/2020|2020-10-21|EPI_ISL_643991|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/ALAB-SS1-789/2020|2020-03-30|EPI_ISL_444906|Original|hCoV-19^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark
>Spike|hCoV-19/USA/TX-HMH-5740/2020|2020-06-30|EPI_ISL_546980|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Belgium/rega-10191288/2020|2020-10-19|EPI_ISL_735194|Original|hCoV-19^Overijse|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Spike|hCoV-19/England/ALDP-9E6FFB/2020|2020-09-24|EPI_ISL_580452|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-C3BD63/2020|2020-12-10|EPI_ISL_731185|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/205090056/2020|2020-12-11|EPI_ISL_766295|Original|hCoV-19^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spike|hCoV-19/Wales/MILK-A195B0/2020|2020-10-03|EPI_ISL_612520|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-13059/2020|2020-08-28|EPI_ISL_788210|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/AZ-QDX-1699/2020|2020-03-18|EPI_ISL_603882|Original|hCoV-19^Arizona|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/Germany/HH-hpi-p2069/2020|2020-03-20|EPI_ISL_775731|Original|hCoV-19^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Rohbaitalle|Germany
>Spike|hCoV-19/Northern Ireland/QEUH-943DA7/2020|2020-07-28|EPI_ISL_532555|Original|hCoV-19^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/MI-GMF-20639/2020|2020-09-16|EPI_ISL_660808|Original|hCoV-19^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA
>Spike|hCoV-19/England/LIVE-9C670/2020|2020-03-23|EPI_ISL_449566|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/Panama/330671/2020|2020-03-18|EPI_ISL_496669|Original|hCoV-19^Colon|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama
>Spike|hCoV-19|England|ALDP-AA558C/2020|2020-10-21|EPI_ISL_625252|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Netherlands/Utrecht_27/2020|2020-04-02|EPI_ISL_460830|Original|hCoV-19
>Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19|Denmark/DGC-9570/2020|2020-11-09|EPI_ISL_668478|Original|hCoV-19
>Hovedstad|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19|England/QEUH-AD063A/2020|2020-10-23|EPI_ISL_629764|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/MILK-BAC584/2020|2020-11-18|EPI_ISL_720570|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/WI-WSLH-200250/2020|2020-04-15|EPI_ISL_578466|Original|hCoV-19
>Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA
>Spike|hCoV-19|Canada/QC_AZ8/2020|2020-04-12|EPI_ISL_463960|Original|hCoV-19
>Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada
>Spike|hCoV-19|England/BRIS-12AD35/2020|2020-05-01|EPI_ISL_458496|Original|hCoV-19
>England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Wales/PHWC-29E07/2020|2020-04-04|EPI_ISL_432267|Original|hCoV-19
>Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19|Scotland/CVR2239/2020|2020-04-12|EPI_ISL_477880|Original|hCoV-19
>Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19|England/NORT-29EB04/2020|2020-05-17|EPI_ISL_490474|Original|hCoV-19
>England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19|England/BIRM-6A23B/2020|2020-11-09|EPI_ISL_679030|Original|hCoV-19
>England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom
>Spike|hCoV-19|Wales/PHWC-480B03/2020|2020-10-22|EPI_ISL_612972|Original|hCoV-19
>Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19|USA/CA-CZB-13828/2020|2020-08-14|EPI_ISL_738743|Original|hCoV-19
>California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA
>Spike|hCoV-19|France/OCC-28/2020|2020-06-12|EPI_ISL_482886|Original|hCoV-19
>Occitania|Human|CHU Purpan - Laboratoire de Virologie - Institut F|u00e9ratif de Biologie|Laboratoire de virologie - \École Nationale de Toulouse|Croville|France
>Spike|hCoV-19|England/NORT-2A0DBE/2020|2020-04-30|EPI_ISL_572648|Original|hCoV-19
>England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19|Wales/PHWC-499CE6/2020|2020-12-03|EPI_ISL_727431|Original|hCoV-19
>Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19|USA/FL-BPHL-1338/2020|2020-07-14|EPI_ISL_541276|Original|hCoV-19
>Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
Spike|hCoV-19|England/QEUH-A01AE9/2020|2020-10-01|EPI_ISL_680005|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

Spike|hCoV-19|England/SHEF-10D221D/2020|2020-12-08|EPI_ISL_742043|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

Spike|hCoV-19|England/ALDP-9CCDC4/2020|2020-09-16|EPI_ISL_566292|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

Spike|hCoV-19|Wales/PHWC-2757D/2020|2020-04-01|EPI_ISL_432258|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

Spike|hCoV-19|England/MILK-ACC552/2020|2020-10-22|EPI_ISL_634320|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|England/ALDP-BB3775/2020|2020-11-20|EPI_ISL_701789|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19|Luxembourg/LNS8256527/2020|2020-12-29|EPI_ISL_771147|Original|hCoV-19^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9

Spike|hCoV-19|New Zealand/20VR3795/2020|2020-00-00|EPI_ISL_548137|Original|hCoV-19^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

Spike|hCoV-19|India/UT-AR3/2020|2020-06-01|EPI_ISL_508177|Original|hCoV-19^Uttarakhand|Human|All india institute of Medical Sciences Rishikesh|National Institute of Biomedical Genomics|Maitra|India

Spike|hCoV-19|Singapore/1126/2020|2020-10-24|EPI_ISL_626638|Original|hCoV-19^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

Spike|hCoV-19|Luxembourg/LNS5070809/2020|2020-10-19|EPI_ISL_744181|Original|hCoV-19^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9

Spike|hCoV-19|England/LIVE-A5814/2020|2020-03-20|EPI_ISL_500155|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

Spike|hCoV-19|England/CAMB-7BCCO/2020|2020-04-04|EPI_ISL_442193|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

Spike|hCoV-19|USA/NY-Wadsworth-33029-01/2020|2020-03-30|EPI_ISL_676789|Original|hCoV-19^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

Spike|hCoV-19|England/CAMC-A412E5/2020|2020-10-06|EPI_ISL_609521|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|USA/TX-DSHS-0523/2020|2020-06-23|EPI_ISL_560965|Original|hCoV-19^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

Spike|hCoV-19|Scotland/QEUH-9C9D03/2020|2020-09-14|EPI_ISL_576083|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Scotland/QEUH-AE4A82/2020|2020-10-27|EPI_ISL_633261|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Switzerland/BS-42346247/2020|2020-07-09|EPI_ISL_581883|Original|hCoV-19^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

Spike|hCoV-19|Japan/PG-1490/2020|2020-04-00|EPI_ISL_685097|Original|hCoV-19^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19|India/DL-ILBS-9304D/2020|2020-04-12|EPI_ISL_605813|Original|hCoV-19^^Delhi|Human|Clinical Virology Laboratory|ILBS - IGIB|Rooge|India
Spike|hCoV-19|England/LOND-D5FB/2020|2020-04-19|EPI_ISL_444260|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
Spike|hCoV-19|England/MILK-B39B8A/2020|2020-10-31|EPI_ISL_651059|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
Spike|hCoV-19|Singapore/887/2020|2020-08-31|EPI_ISL_536428|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
Spike|hCoV-19|England/ALDP-A51B7E/2020|2020-10-07|EPI_ISL_598208|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|India/DL-MaxCov0012-CSIR-IGIB/2020|2020-05-01|EPI_ISL_459914|Original|hCoV-19^^Delhi|Human|Devki Devi Foundation|CSIR-IGIB/Max|Panedy|India
Spike|hCoV-19|USA/OR-OHSU-0644/2020|2020-06-16|EPI_ISL_525866|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Ginkgo Bioworks Clinical Laboratory|O'Roak|USA
Spike|hCoV-19|USA/TX-HMH-5609/2020|2020-06-23|EPI_ISL_549400|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|USA/NM-UNM-00325/2020|2020-05-13|EPI_ISL_508099|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory Division|Center for Global Health|Domman|USA
Spike|hCoV-19|England/LIVE-DC8298/2020|2020-11-17|EPI_ISL_702838|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
Spike|hCoV-19|England/LIVE-5CB23F/2020|2020-09-16|EPI_ISL_581367|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Netherlands/GE-RIVM-20756/2020|2020-12-11|EPI_ISL_790818|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
Spike|hCoV-19|USA/AZ-TG276138/2020|2020-04-09|EPI_ISL_694089|Original|hCoV-19^^Arizona|Human|AZ SPH|TGen North|French|USA
Spike|hCoV-19|Northern Ireland/NIRE-101903/2020|2020-05-09|EPI_ISL_489292|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA/AZ-TG664548/2020|2020-04-20|EPI_ISL_696165|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA
Spike|hCoV-19|USA/WA-S10/2020|2020-02-29|EPI_ISL_416465|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Bedford|USA
Spike|hCoV-19|Saudi Arabia/KAUST-MADINAH1482/2020|2020-06-19|EPI_ISL_677969|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia
Spike|hCoV-19|England/LIVE-A9616/2020|2020-07-15|EPI_ISL_526381|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
Spike|hCoV-19|USA/MI-QDX-347/2020|2020-03-23|EPI_ISL_571091|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
Spike|hCoV-19|USA/AR-CDC-4220/2020|2020-07-12|EPI_ISL_527638|Original|hCoV-19^^Arkansas|Human|AR Dept. of Health-Public Health Lab|Pathogen Discovery|Queen|USA
>Spike|hCoV-19|USA|MI-MDHSS-SC22042|2020|2020-09-15|EPI_ISL_577592|Original|hCoV-19|Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA
>Spoke|hCoV-19|Netherlands|NA_295|2020|2020-04-01|EPI_ISL_422604|Original|hCoV-19|Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spoke|hCoV-19|Scotland|CONI-0352|2020|2020-12-19|EPI_ISL_733546|Original|hCoV-19|Samut Sakhon|Human|Institute for Urban Disease Control and Prevention|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand
>Spoke|hCoV-19|Singapore|167nan|2020|2020-03-23|EPI_ISL_648070|Original|hCoV-19|Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore
>Spoke|hCoV-19|Scotland|CVR4181|2020|2020-08-29|EPI_ISL_540857|Original|hCoV-19|Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spoke|hCoV-19|Japan|PG-7736|2020|2020-09-00|EPI_ISL_686838|Original|hCoV-19|Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spoke|hCoV-19|England|LIVE-A879C|2020|2020-03-26|EPI_ISL_517210|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spoke|hCoV-19|Scotland|EDB1163|2020|2020-04-09|EPI_ISL_433414|Original|hCoV-19|Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spoke|hCoV-19|Chile|RM-ISPCH-48|2020|2020-03-21|EPI_ISL_445327|Original|hCoV-19|Region Metropolitana de Santiago|Human|HOSPITAL PADRE HURTADO|Instituto de Salud Publica de Chile|Fernandez|Chile
>Spoke|hCoV-19|England|ALDP-AA0BE9|2020|2020-10-22|EPI_ISL_625198|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19|Australia|NSW2781|2020|2020-09-13|EPI_ISL_678346|Original|hCoV-19|New South Wales|Human|Area of Virology|Virology Research Laboratory; Area of Virology|Foster|Australia
>Spoke|hCoV-19|Yunnan|KMS1|2020|2020-01-20|EPI_ISL_527871|Original|hCoV-19|Yunnan|Human|Institute of Medical Biology|Institute of Medical Biology|Xudong Xu|China
>Spoke|hCoV-19|Denmark|DCGC-11632|2020|2020-11-02|EPI_ISL_671038|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Alberetsen Lab|Michaelsen|Denmark
>Spoke|hCoV-19|Luxembourg|LNS6978482|2020|2020-11-12|EPI_ISL_744491|Original|hCoV-19|Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Viennecke-Baldacchino|Luxembourg
>Spoke|hCoV-19|Scotland|EDB8374|2020|2020-10-06|EPI_ISL_611707|Original|hCoV-19|Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
>Spoke|hCoV-19|Denmark|DCGC-13955|2020|2020-11-30|EPI_ISL_711088|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Alberetsen Lab|Michaelsen|Denmark
>Spoke|hCoV-19|Japan|PG-1475|2020|2020-04-00|EPI_ISL_685082|Original|hCoV-19|Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spoke|hCoV-19|USA|NY-WCMP12G02P|2020|2020-03-16|EPI_ISL_427614|Original|hCoV-19|New York|Human|NewYork-Presbyterian & Mason Lab|Mason Lab|Mason|USA
>Spoke|hCoV-19|USA|AZ-TG491560|2020|2020-06-21|EPI_ISL_695173|Original|hCoV-19|Arizona|Human|AZ SPHL|TGen North|French|USA
>Spoke|hCoV-19|England|ALDP-9CB1BA|2020|2020-09-16|EPI_ISL_575723|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Switzerland/BL-ETHZ-370465/2020|2020-11-16|EPI_ISL_693964|Original|hCoV-19^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Scotland/CVR2839/2020|2020-04-21|EPI_ISL_438989|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Japan/PG-7635/2020|2020-08-08|EPI_ISL_686737|Original|hCoV-19^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NY-Wadsworth-75278-01/2020|2020-05-05|EPI_ISL_676893|Original|hCoV-19^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Switzerland/VS-ETHZ-100099/2020|2020-03-13|EPI_ISL_451691|Original|hCoV-19^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CWAR-24FE205/2020|2020-04-09|EPI_ISL_584587|Original|hCoV-19^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-282631-01/2020|2020-12-02|EPI_ISL_754433|Original|hCoV-19^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/ALDP-B252D7/2020|2020-11-04|EPI_ISL_646544|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-UW-1955/2020|2020-03-24|EPI_ISL_424312|Original|hCoV-19^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/LIVE-1D2B50/2020|2020-03-29|EPI_ISL_611654|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Netherlands/Gelderland_49/2020|2020-05-16|EPI_ISL_460949|Original|hCoV-19^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-HMH-4167/2020|2020-06-18|EPI_ISL_543406|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Luxembourg/LNS364652/2020|2020-11-30|EPI_ISL_770957|Original|hCoV-19^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/MI-QDX-639/2020|2020-03-17|EPI_ISL_571364|Original|hCoV-19^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-A6DB15/2020|2020-10-14|EPI_ISL_607957|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AD64E/2020|2020-04-30|EPI_ISL_447992|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/MILK-956A40/2020|2020-06-05|EPI_ISL_554253|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DGCC-2110/2020|2020-07-20|EPI_ISL_618372|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-08703/2020|2020-05-07|EPI_ISL_524420|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/USA/TX-HMH-MCoV-15457/2020|2020-10-23|EPI_ISL_786941|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/CMAC-A57B0F/2020|2020-10-09|EPI_ISL_597466|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CMAC-B52ABB/2020|2020-11-09|EPI_ISL_657549|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC5882/2020|2020-07-21|EPI_ISL_518665|Original|hCoV-19
^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/New Zealand/20VR2016/2020|2020-00-00|EPI_ISL_579206|Original|hCoV-19
^Combined Wellington|Human|Wellington SCL (WN)|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
>Spike|hCoV-19/Scotland/QEUH-A8BF33/2020|2020-10-16|EPI_ISL_649567|Original|hCoV-19
^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-AD337C/2020|2020-10-26|EPI_ISL_633762|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Puerto Rico/CDC-S6/2020|2020-03-24|EPI_ISL_434546|Original|hCoV-19
^Puerto Rico|Human|Puerto Rico Department of Health|Centers for Disease Control and Prevention|Santiago|USA
>Spike|hCoV-19/Australia/VIC12437/2020|2020-07-29|EPI_ISL_641040|Original|hCoV-19
^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/CMAC-CFC320/2020|2020-12-21|EPI_ISL_781800|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/PG-0003/2020|2020-02-00|EPI_ISL_479792|Original|hCoV-19
^Hokkaido|Human|Hokkaido Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Cote d’Ivoire/C01-2459/2020|2020-09-22|EPI_ISL_614347|Original|hCoV-19
^Boauf\u00e8|Human|Molecular diagnostic unit for viral haemorrhagic fevers and emerging viruses|Project group Epidemiology of Highly Pathogenic Microorganisms|Calvignac-Spencer|C\u00f4te d’Ivoire
>Spike|hCoV-19/Australia/VIC252/2020|2020-03-21|EPI_ISL_419947|Original|hCoV-19
^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia
>Spike|hCoV-19/Australia/VIC7520/2020|2020-00-00|EPI_ISL_564466|Original|hCoV-19
^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/UT-02959/2020|2020-05-01|EPI_ISL_498674|Original|hCoV-19
^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA
>Spike|hCoV-19/England/MILK-B9712E/2020|2020-11-13|EPI_ISL_674897|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WA-S2835/2020|2020-09-13|EPI_ISL_574677|Original|hCoV-19
^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA
>Spike|hCoV-19/Scotland/EDB10906/2020|2020-12-10|EPI_ISL_742181|Original|hCoV-19
^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
>Spike|hCoV-19/Belgium/ULG-10657/2020|2020-10-26|EPI_ISL_636634|Original|hCoV-19
^Li\u00e8e|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
>Spike|hCoV-19/Scotland/EDB1852/2020|2020-04-17|EPI-ISL_491588|Original|hCoV-19|Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp Wakev|hCoV-19/Denmark/DGCC-14511/2020|2020-11-30|EPI-ISL_711808|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaela|Denmark
>Sp Wakev|hCoV-19/Japan/PG-7903/2020|2020-07-00|EPI-ISL_687004|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Sp Wakev|hCoV-19/Denmark/DGCC-3586/2020|2020-08-31|EPI-ISL_616229|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaela|Denmark
>Sp Wakev|hCoV-19/USA/UT-UPHL-200948/2020|2020-07-18|EPI-ISL_605168|Original|hCoV-19|Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Sp Wakev|hCoV-19/England/LIVE-A4F98/2020|2020-03-02|EPI-ISL_499945|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Sp Wakev|hCoV-19/Wales/PHWC-481CF0/2020|2020-10-19|EPI-ISL_613164|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Sp Wakev|hCoV-19/England/ALDP-B8388A/2020|2020-11-14|EPI-ISL_675143|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Sp Wakev|hCoV-19/Denmark/DGCC-4677/2020|2020-09-14|EPI-ISL_621909|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaela|Denmark
>Sp Wakev|hCoV-19/England/MILK-ABC388/2020|2020-10-21|EPI-ISL_631112|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp Wakev|hCoV-19/England/QEUH-A31567/2020|2020-10-06|EPI-ISL_665958|Original|hCoV-19|England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Sp Wakev|hCoV-19/Japan/PG-0841/2020|2020-04-00|EPI-ISL_684451|Original|hCoV-19|Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan
>Sp Wakev|hCoV-19/USA/DE-DHSS-F972771/2020|2020-07-07|EPI-ISL_693701|Original|hCoV-19|Delaware|Human|Delaware Public Health Laboratory|Delaware Public Health Laboratory|Bajwa|USA
>Sp Wakev|hCoV-19/England/20189049401/2020|2020-04-30|EPI-ISL_465532|Original|hCoV-19|England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Sp Wakev|hCoV-19/England/QEUH-9FA6D1/2020|2020-09-29|EPI-ISL_588088|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp Wakev|hCoV-19/England/QEUH-A78889/2020|2020-10-12|EPI-ISL_638769|Original|hCoV-19|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Sp Wakev|hCoV-19/England/QEUH-B2E2CB2/2020|2020-11-03|EPI-ISL_646992|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp Wakev|hCoV-19/England/QEUH-548052/2020|2020-05-14|EPI-ISL_533414|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp Wakev|hCoV-19/USA/MI-UM-10036548240/2020|2020-10-21|EPI-ISL_640185|Original|hCoV-19|Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>Sp Wakev|hCoV-19/USA/AZ-TG664532/2020|2020-04-20|EPI-ISL_696149|Original|hCoV-19|Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA
>Sp Wakev|hCoV-19/Wales/PHWC-48FD1D/2020|2020-11-11|EPI-ISL_681219|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Wales/PHWC-26FCB/2020|2020-03-30|EPI_ISL_422123|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-A44E39/2020|2020-10-06|EPI_ISL_598789|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42195828/2020|2020-03-17|EPI_ISL_528187|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/QUEUH-B14341/2020|2020-11-03|EPI_ISL_642699|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/Sakha-89702/2020|2020-04-01|EPI_ISL_428907|Vero|hCoV-19^^Sakha (Yakutia)|Human|State Research Center of Virology and Biotechnology VECTOR|State Research Center of Virology and Biotechnology VECTOR|Shvalov|Russia

>Spike|hCoV-19/USA/OR-OHSU-1881/2020|2020-07-28|EPI_ISL_526058|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/MILK-B3C49B/2020|2020-11-02|EPI_ISL_706147|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200632/2020|2020-06-08|EPI_ISL_631402|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/CAMC-1B6035/2020|2020-09-14|EPI_ISL_573144|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/CA-ALS-R-5070/2020|2020-06-27|EPI_ISL_730331|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/NOTT-110EB7/2020|2020-04-29|EPI_ISL_448432|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMC-AEA819/2020|2020-10-25|EPI_ISL_633124|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Serbia/Subotica-198541706/2020|2020-06-16|EPI_ISL_661179|Original|hCoV-19^^Suubotica|Human|Scientific Veterinary Institute Novi Sad|Veterinary Specialized Institute |Kraljevo|Vidanovic|Serbia

>Spike|hCoV-19/England/204390343/2020|2020-10-23|EPI_ISL_637135|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/NOTT-11DE7E/2020|2020-11-24|EPI_ISL_679940|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-645F75/2020|2020-07-03|EPI_ISL_558063|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BB2B6B/2020|2020-11-20|EPI_ISL_702973|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1080/2020|2020-06-16|EPI_ISL_628742|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Japan/PG-8566/2020|2020-08-00|EPI_ISL_686162|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan

>Spike|hCoV-19/USA/MA-MASPHL-00669/2020|2020-05-18|EPI_ISL_692968|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA
| Kingdom | Date       | EPI_ISL_ID   | Origin   | Lab/Institute                    |
|---------|------------|--------------|----------|----------------------------------|
| England | 2020-11-18 | EPI_ISL_720910 | Original | hCoV-19                         |
| Wales   |            |              |          | Wellcome Sanger Institute        |
|         |            |              |          | for the COVID-19 Genomics UK     |
|         |            |              |          | (COG-UK) Consortium | Davies | United Kingdom |
| England | 2020-11-10 | EPI_ISL_732254 | Original | hCoV-19                         |
|         |            |              |          | Portugal | Instituto Nacional de Salud      |
|         |            |              |          | (INSA) and Instituto Guibenken    |
|         |            |              |          | de Ciencia (IGC) Instituto        |
|         |            |              |          | Guibenken de Ciencia (IGC)        |
|         |            |              |          | United Kingdom | Golubchik | United Kingdom |
| England | 2020-11-22 | EPI_ISL_726903 | Original | hCoV-19                         |
|         |            |              |          | Wales | Human Originating lab COVID-19 Genomics UK (COG-UK) Consortium Moore | United Kingdom |
| England | 2020-06-21 | EPI_ISL_543743 | Original | hCoV-19                         |
|         |            |              |          | Texas | Human Houston Methodist Hospital |
|         |            |              |          | Houston Methodist Hospital       |
|         |            |              |          | Long | USA                               |
| England | 2020-11-12 | EPI_ISL_442575 | Original | hCoV-19                         |
|         |            |              |          | Scotland | Human Department of Pathology |
|         |            |              |          | Wellcome Sanger Institute        |
|         |            |              |          | for the COVID-19 Genomics UK     |
|         |            |              |          | (COG-UK) consortium | Amato | United Kingdom |
| England | 2020-11-07 | EPI_ISL_745669 | Original | hCoV-19                         |
|         |            |              |          | Washington | Human Seattle Flu Study |
|         |            |              |          | Seattle Flu Study | Lee | USA                               |
| England | 2020-11-02 | EPI_ISL_670797 | Original | hCoV-19                         |
|         |            |              |          | Denmark | DGC-C-11257/2020 |
|         |            |              |          |        | COVID-19/19/Switzerland/BL       |
| England | 2020-12-03 | EPI_ISL_727308 | Original | hCoV-19                         |
|         |            |              |          | Wales | Human Originating lab COVID-19 Genomics UK (COG-UK) Consortium Moore | United Kingdom |
| England | 2020-07-01 | EPI_ISL_689442 | Original | hCoV-19                         |
|         |            |              |          | Japan | Human Pathogen Genomics Center   |
|         |            |              |          | Seattle Flu Study | Lee | USA                               |
| England | 2020-12-03 | EPI_ISL_727308 | Original | hCoV-19                         |
|         |            |              |          | Wales | Human Originating lab COVID-19 Genomics UK (COG-UK) Consortium Moore | United Kingdom |
| England | 2020-11-18 | EPI_ISL_718200 | Original | hCoV-19                         |
|         |            |              |          | Sarawak | Human Ministry of Health Hospitals |
|         |            |              |          | Institute of Health and Community Medicine | Jonathan | Malaysia |
| England | 2020-09-11 | EPI_ISL_739623 | Original | hCoV-19                         |
|         |            |              |          | California | Alameda County Public Health Lab |
|         |            |              |          | Chan-Zuckerberg Biohub | Kamm | USA                               |
| England | 2020-06-01 | EPI_ISL_509028 | Original | hCoV-19                         |
|         |            |              |          | Lodzkie | Human genXone SA | genXone SA | Kaszuba | Poland |
| England | 2020-08-26 | EPI_ISL_551851 | Original | hCoV-19                         |
|         |            |              |          | England | Human Lighthouse Lab in Cambridge |
|         |            |              |          | Wellcome Sanger Institute        |
|         |            |              |          | for the COVID-19 Genomics UK     |
|         |            |              |          | (COG-UK) consortium | Davies | United Kingdom |
| England | 2020-09-10 | EPI_ISL_560469 | Original | hCoV-19                          |
|         |            |              |          | Switzerland | BL-ETHZ-280232/2020 |
| England | 2020-11-21 | EPI_ISL_701965 | Original | hCoV-19                         |
|         |            |              |          | England | Human Lighthouse Lab in Alderney Park |
|         |            |              |          | Wellcome Sanger Institute        |
|         |            |              |          | for the COVID-19 Genomics UK     |
|         |            |              |          | (COG-UK) consortium | Davies | United Kingdom |
| Scotland | 2020-05-15 | EPI_ISL_453180 | Original | hCoV-19                         |
|         |            |              |          | Scotland | Human Virology Department |
|         |            |              |          | COVID-19 Genomics UK (COG-UK)    |
| England | 2020-10-22 | EPI_ISL_629605 | Original | hCoV-19                         |
|         |            |              |          | England | Human Respiratory Virus Unit      |
|         |            |              |          | Respiratory Virus Unit | Platt | United Kingdom |
| England | 2020-09-18 | EPI_ISL_576837 | Original | hCoV-19                         |
|         |            |              |          | England | Human Oxford Viromics COVID-19 Genomics UK (COG-UK) Consortium Golubchik | United Kingdom |
| England | 2020-11-22 | EPI_ISL_726903 | Original | hCoV-19                         |
|         |            |              |          | Wales | Human Originating lab COVID-19 Genomics UK (COG-UK) Consortium Moore | United Kingdom |
>Spike|hCoV-19/USA/UT-UPHL-2012967715/2020|2020-08-03|EPI_ISL_745566|Original|hCoV-19^England|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/USA/NE-11329/2020|2020-05-04|EPI_ISL_475207|Original|hCoV-19^England|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA
>Spike|hCoV-19/Belgium/rega-0423303/2020|2020-04-23|EPI_ISL_462157|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-9C5CCE/2020|2020-09-10|EPI_ISL_567595|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HM-HCoV-15335/2020|2020-10-21|EPI_ISL_786819|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Oman/RESP-20-B-15719/2020|2020-05-22|EPI_ISL_518832|Original|hCoV-19^Muscat|Human|Oman-National Influenza Center|Biotechnology & OMICS Laboratory|Al Mahruiq|Oman
>Spike|hCoV-19/Switzerland/VD-ETHZ-220035/2020|2020-07-28|EPI_ISL_512016|Original|hCoV-19^England|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/England/MILK-B3C9AB/2020|2020-11-01|EPI_ISL_706173|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/England/QEUH-A8B48D/2020|2020-10-16|EPI_ISL_643314|Original|hCoV-19^Scotland|Human|Lighthouse Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
>Spike|hCoV-19/Scotland/QEUH-963F50/2020|2020-08-12|EPI_ISL_534391|Original|hCoV-19^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WI-WSLH-200640/2020|2020-06-13|EPI_ISL_631409|Original|hCoV-19^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA
>Spike|hCoV-19/Scotland/CVR5238/2020|2020-10-14|EPI_ISL_627405|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/Thailand/NIH_3623/2020|2020-03-00|EPI_ISL_515288|Vero P1|hCoV-19^Thailand|Human|National Institute of Health. Department of medical Sciences|National Institute of Health. Department of medical Sciences|Phuygun|Thailand
>Spike|hCoV-19/England/MILK-BEE38C/2020|2020-11-30|EPI_ISL_708979|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHW-49678E/2020|2020-11-20|EPI_ISL_726633|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Japan/PG-1610/2020|2020-04-04|EPI_ISL_685216|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
>Spike|hCoV-19/England/PORT-2D762C/2020|2020-11-04|EPI_ISL_650980|Original|hCoV-19^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike|hCoV-19/England/ALDP-B465C8/2020|2020-11-07|EPI_ISL_656197|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/C200045603/2020|2020-00-00|EPI_ISL_664052|Original|hCoV-19^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spik|hCoV-19/USA/CA-LACPHL-AP00004/2020|2020-12-18|EPI_ISL_737239|Original|hCoV-19^California|Human|Los Angeles County PHL|Los Angeles County PHL|Hemarajata|USA
>Spik|hCoV-19/Wales/PHWC-47F79A/2020|2020-10-06|EPI_ISL_612184|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/Scotland/EDB6248/2020|2020-05-21|EPI_ISL_473930|Original|hCoV-19^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spik|hCoV-19/USA/LA-EVTI176/2020|2020-05-14|EPI_ISL_574311|Original|hCoV-19^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spik|hCoV-19/Scotland/QEUH-A9FDC9/2020|2020-10-19|EPI_ISL_611389|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Scotland/QEUH-A0C1BC/2020|2020-10-03|EPI_ISL_585603|Original|hCoV-19^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spik|hCoV-19/Japan/PG-3189/2020|2020-04-00|EPI_ISL_691309|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spik|hCoV-19/USA/TX-DHSHS-0130/2020|2020-06-11|EPI_ISL_522957|Original|hCoV-19^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Hemarajata|USA
>Spik|hCoV-19/USA/CA-ALSR-1499/2020|2020-03-14|EPI_ISL_494624|Original|hCoV-19^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spik|hCoV-19/USA/MD-HP12189/2020|2020-12-28|EPI_ISL_791486|Original|hCoV-19^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morriss|USA
>Spik|hCoV-19/Spain/AS-IBV-98006625/2020|2020-03-25|EPI_ISL_654661|Original|hCoV-19^Asturias|Human|Servicio de Microbiolog\(\text{u}\text{x})|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain
>Spik|hCoV-19/USA/LA-EVTI524/2020|2020-08-03|EPI_ISL_578928|Original|hCoV-19^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spik|hCoV-19/Denmark/DGCC-20945/2020|2020-12-21|EPI_ISL_759464|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spik|hCoV-19/Wales/PHWC-28B53/2020|2020-04-02|EPI_ISL_445449|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spik|hCoV-19/England/2012401302/2020|2020-03-16|EPI_ISL_418697|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spik|hCoV-19/Denmark/DGCC-19658/2020|2020-12-07|EPI_ISL_749090|Original|hCoV-19^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/TX-HMH-2861/2020|2020-06-08|EPI_ISL_543831|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Oman/205037397/2020|2020-05-19|EPI_ISL_491986|Original|hCoV-19^^Muscat|Human|Oman-NIC|Department of \ Microbiology \ and Immunology-SQUH |AL Zadjali|Oman

>Spike|hCoV-19/Portugal/PT0929/2020|2020-03-23|EPI_ISL_511186|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC) |Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC) |Borges|Portugal

>Spike|hCoV-19/England/BRIS-185449D/2020|2020-04-29|EPI_ISL_492327|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory |Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium |Davies|United Kingdom

>Spike|hCoV-19/England/NORT-10DF05/2020|2020-03-12|EPI_ISL_425468|Original|hCoV-19^^England|Human|Queens Medical Centre |COVID-19 Genomics UK (COG-UK) Consortium |Davies|United Kingdom

>Spike|hCoV-19/Nordjylland/0157/2020|2020-03-11|EPI_ISL_452007|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics |Albertsen lab |Michaelesen|Denmark

>Spike|hCoV-19/England/CAMC-CFBAC2/2020|2020-12-21|EPI_ISL_781189|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge |Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium |Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BC5COA/2020|2020-12-16|EPI_ISL_761333|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park |Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium |Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-10DF05/2020|2020-03-12|EPI_ISL_425468|Original|hCoV-19^^England|Human|Queens Medical Centre |COVID-19 Genomics UK (COG-UK) Consortium |Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-94BB1E/2020|2020-07-13|EPI_ISL_556799|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge |Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium |Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A6062/2020|2020-12-15|EPI_ISL_764994|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab |COVID-19 Genomics UK (COG-UK) Consortium |Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-BC5COA/2020|2020-12-16|EPI_ISL_761333|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park |Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium |Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-10DF05/2020|2020-03-12|EPI_ISL_425468|Original|hCoV-19^^England|Human|Queens Medical Centre |COVID-19 Genomics UK (COG-UK) Consortium |Davies|United Kingdom

>Spoke|hCoV-19/England/NORT-10DF05/2020|2020-03-11|EPI_ISL_452007|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology |Albersen lab|Kirkegaard|Denmark

>Spoke|hCoV-19/USA/TX-HMH-5721/2020|2020-06-19|EPI_ISL_546967|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital |Houston Methodist Hospital|Long|USA

>Spoke|hCoV-19/India/GJ-GBRC-418/2020|2020-07-18|EPI_ISL_586548|Original|hCoV-19^^Gujarat|Human|General Hospital, Godhra |Gujarat Biotechnology Research Centre |Joshi |India

>Spoke|hCoV-19/England/ALDP-95431A/2020|2020-06-13|EPI_ISL_553734|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park |Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium |Davies|United Kingdom

>Spoke|hCoV-19/India/GJ-GBRC-418/2020|2020-07-18|EPI_ISL_586548|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL |Schultz |Australia

>Spoke|hCoV-19/England/NORT-10DF05/2020|2020-03-12|EPI_ISL_425468|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park |Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium |Davies|United Kingdom
| Date       | Region     | Country     | Organization                  | Genome Bank Code | Original Source |
|------------|------------|-------------|--------------------------------|------------------|-----------------|
| 2020-11-11 | England    | UK          | Welcome Sanger Institute       | EPI_ISL_661335   | Original        |
| 2020-10-07 | Hubei      | China       | Institute of Pathogen Biology | EPI_ISL_597569   | Original        |
| 2020-04-02 | New York   | USA         | Flushing Hospital Medical Center | EPI_ISL_632034   | Original        |
| 2020-04-29 | France     | France      | Provence-Alpes-Cote d'Azur     | EPI_ISL_644707   | Original        |
| 2020-10-21 | Michigan   | USA         | University of Michigan         | EPI_ISL_640213   | Original        |
| 2020-03-23 | England    | UK          | Department of Pathology        | EPI_ISL_643949   | Original        |
| 2020-12-30 | Portugal   | Portugal    | Instituto Nacional de Saúde    | EPI_ISL_403931   | Original        |
| 2020-12-13 | England    | UK          | Lighthouse Lab in Milton Keynes| EPI_ISL_598252   | Original        |
| 2020-07-03 | England    | UK          | Lighthouse Lab in Cambridge    | EPI_ISL_551806   | Original        |
| 2020-03-28 | Portugal   | Portugal    | Instituto Nacional de Saúde    | EPI_ISL_453880   | Original        |
| 2020-06-14 | Hubei      | China       | Institute of Pathogen Biology | EPI_ISL_553505   | Original        |
| 2020-03-13 | Connecticut| USA         | UW Virology Lab                | EPI_ISL_418058   | Original        |
| 2020-04-08 | England    | UK          | Oxford Viromics                | EPI_ISL_487867   | Original        |
| 2020-03-03 | Hubei      | China       | Wuhan Chain Medical Labs       | EPI_ISL_455377   | Original        |
| 2020-04-00 | British Columbia | BC_18115071 | Sichuan University             | EPI_ISL_468696   | Original        |
| 2020-04-02 | New York   | USA         | Flushing Hospital Medical Center | EPI_ISL_632034   | Original        |
| 2020-04-01 | New York   | USA         | Wadsworth Center               | EPI_ISL_754721   | Original        |
| 2020-04-01 | New York   | USA         | Wadsworth Center               | EPI_ISL_754721   | Original        |
| 2020-04-01 | New York   | USA         | Wadsworth Center               | EPI_ISL_754721   | Original        |

**Note:** The above information includes dates, regions, countries, organizations, and references to genome bank codes and original sources. The document appears to be a list of entries related to COVID-19 genomic studies.
> Spike | hCoV-19 | USA/LA-SR0144/2020 | 2020-03-27 | EPI_ISL_435448 | Original | hCoV-19
> ^Louisiana | Human | Robert Garry lab | Andersen lab at Scripps Research | Gangavarapu | USA
> > Spike | hCoV-19 | Sicuan/SC-PHCC2-046/2020 | 2020-01-29 | EPI_ISL_451366 | Original | hCoV-19
> ^Sichuan | Human | West China Hospital of Sichuan University | State Key Laboratory of Biotherapy of Sichuan University | Tang | China
> > Spike | hCoV-19 | Japan/PG-2869/2020 | 2020-04-00 | EPI_ISL_690995 | Original | hCoV-19
> ^Japan | Human | Pathogen Genomics Center | US National Institute of Allergy and Infectious Diseases | Mak | China
> > Spike | hCoV-19 | France/OCC-SC547/2020 | 2020-04-03 | EPI_ISL_645203 | Original | hCoV-19
> ^Occitanie | Human | CHU N\u00eemes | CNRS Virus des Infections Respiratoires - France SUD | Bal | France
> > Spike | hCoV-19 | Wales/PWGC-2B940/2020 | 2020-04-09 | EPI_ISL_445783 | Original | hCoV-19
> ^Wales | Human | Wales Specialist Virology Centre | Public Health Wales Microbiology Cardiff | Moore | United Kingdom
> > Spike | hCoV-19 | England/PORT-2D258E/2020 | 2020-12-19 | EPI_ISL_765113 | Original | hCoV-19
> ^England | Human | Centre for Enzyme Innovation | COVID-19 Genomics UK (COG-UK) Consortium | Robson | United Kingdom
> > Spike | hCoV-19 | Hong Kong/VM20101264/2020 | 2020-08-06 | EPI_ISL_637024 | Original | hCoV-19
> ^Hong Kong | Human | Pamela Youde Nethersole Eastern Hospital | Hong Kong Department of Health | Mak | China
> > Spike | hCoV-19 | Japan/PG-1969/2020 | 2020-05-00 | EPI_ISL_685575 | Original | hCoV-19
> ^Japan | Human | Pathogen Genomics Center | US National Institute of Allergy and Infectious Diseases | Mak | China
> > Spike | hCoV-19 | Wales/PWGC-4A577D/2020 | 2020-12-16 | EPI_ISL_764916 | Original | hCoV-19
> ^Wales | Human | Wales Specialist Virology Centre Sequencing lab | COVID-19 Genomics UK (COG-UK) Consortium | Moore | United Kingdom
> > Spike | hCoV-19 | Portugal/PT1571/2020 | 2020-06-29 | EPI_ISL_693579 | Original | hCoV-19
> ^Portugal | Human | Instituto Nacional de Saude (INSA) | Instituto Nacional de Saude (INSA) | Borges | Portugal
> > Spike | hCoV-19 | Denmark/DCGC-6537/2020 | 2020-10-05 | EPI_ISL_619437 | Original | hCoV-19
> ^Hovedstaden | Human | Department of Virus and Microbiological Special Diagnostics | Albertsen lab | Michaelson | Denmark
> > Spike | hCoV-19 | USA/MA-MGH-00244/2020 | 2020-04-06 | EPI_ISL_460407 | Original | hCoV-19
> ^Massachusetts | Human | Massachusetts General Hospital | Infectious Disease Program | Lemieux | USA
> > Spike | hCoV-19 | Denmark/DCGC-15806/2020 | 2020-11-23 | EPI_ISL_713196 | Original | hCoV-19
> ^Nordjylland | Human | Department of Virus and Microbiological Special Diagnostics | Albertsen Lab | Michaelson | Denmark
> > Spike | hCoV-19 | England/NORT-1B61588/2020 | 2020-10-26 | EPI_ISL_637792 | Original | hCoV-19
> ^Northumberland University / South Tees Hospitals NHS Foundation Trust | North Cumbria Integrated Care NHS Foundation Trust | Roychoudhury | USA
> > Spike | hCoV-19 | England/UM-29900/2020 | 2020-10-03 | EPI_ISL_576561 | Original | hCoV-19
> ^Northumberland University | Human | Newcastle University | Roychoudhury | USA
> > Spike | hCoV-19 | England/BRIS-13058F/2020 | 2020-04-12 | EPI_ISL_492540 | Original | hCoV-19
> ^England | Human | PHE South West Regional Laboratory | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom
> > Spike | hCoV-19 | England/QEUH-A1F9BE/2020 | 2020-10-01 | EPI_ISL_587696 | Original | hCoV-19
> ^England | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom
> > Spike | hCoV-19 | Wales/PHWC-489EE3/2020 | 2020-11-04 | EPI_ISL_652505 | Original | hCoV-19
> ^Wales | Human | Wales Specialist Virology Centre Sequencing lab | COVID-19 Genomics UK (COG-UK) Consortium | Moore | United Kingdom
> > Spike | hCoV-19 | South Korea/KCDC2796/2020 | 2020-07-27 | EPI_ISL_526730 | Original | hCoV-19
> ^South Korea | Human | Center for Laboratory Control of Infectious Diseases | Center for Laboratory Control of Infectious Diseases | Kim | South Korea
> > Spike | hCoV-19 | India/MH-NIV-65847/2020 | 2020-06-16 | EPI_ISL_479568 | Original | hCoV-19
> ^Maharashtra | Human | NIV Influenza | NIV Influenza | Potdar | India
> > Spike | hCoV-19 | Australia/NSW25/2020 | 2020-03-05 | EPI_ISL_417388 | Original | hCoV-19
> ^New South Wales | Human | Centre for Infectious Diseases and Microbiology Public Health | NSW
> Spike\textregistered hCoV-19/Australia/NSW334/2020|2020-03-23|EPI_ISL_451596|Original|hCoV-19\textregistered\textsuperscript{New South Wales\textregistered Human\textregistered ACT pathology\textregistered NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney\textregistered Gall\textregistered Australia}

> Spike\textregistered hCoV-19/USA/CO-CDPHE-2100014448/2020|2020-11-20|EPI_ISL_771306|Original|hCoV-19\textregistered\textsuperscript{Colorado\textregistered Human\textregistered Colorado Department of Public Health and Environment\textregistered Colorado Department of Pupal Health and Environment\textregistered Bankers\textregistered USA}

> Spike\textregistered hCoV-19/Denmark/DCGC-6178/2020|2020-10-05|EPI_ISL_620081|Original|hCoV-19\textregistered\textsuperscript{Midtjylland\textregistered Human\textregistered Department of Virus and Microbiological Special Diagnostics\textregistered Albertsen lab\textregistered Michaelsen\textregistered Denmark}

> Spike\textregistered hCoV-19/Belgium/ULG-10246/2020|2020-06-18|EPI_ISL_496826|Original|hCoV-19\textregistered\textsuperscript{Li\textregistered Y00e6ge\textregistered Human\textregistered Department of Clinical Microbiology\textregistered GIGA Medical Genomics\textregistered Durkin\textregistered Belgium}

> Spike\textregistered hCoV-19/USA/WI-UW-2492/2020|2020-12-30|EPI_ISL_779324|Original|hCoV-19\textregistered\textsuperscript{Wisconsin\textregistered Human\textregistered University of Wisconsin-Madison AIDS Vaccine Research Laboratories\textregistered University of Wisconsin-Madison AIDS Vaccine Research Laboratories\textregistered Moreno\textregistered USA}

> Spike\textregistered hCoV-19/England/ALDP-C47E52/2020|2020-12-12|EPI_ISL_718747|Original|hCoV-19\textregistered\textsuperscript{England\textregistered Human\textregistered Lighthouse Lab in Alderley Park\textregistered Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium\textregistered Davies\textregistered United Kingdom}

> Spike\textregistered hCoV-19/Netherlands/NA_41/2020|2020-03-13|EPI_ISL_422802|Original|hCoV-19\textregistered\textsuperscript{Netherlands\textregistered Human\textregistered Dutch COVID-19 response team\textregistered Erasmus Medical Center\textregistered Oude Munnink\textregistered Netherlands}

> Spike\textregistered hCoV-19/USA/TX-HMH-MCoV-13182/2020|2020-08-26|EPI_ISL_788333|Original|hCoV-19\textregistered\textsuperscript{Texas\textregistered Human\textregistered Houston Methodist Hospital\textregistered Houston Methodist Hospital\textregistered Long\textregistered USA}

> Spike\textregistered hCoV-19/USA/CO-CDPHE-2006101591/2020|2020-06-09|EPI_ISL_710260|Original|hCoV-19\textregistered\textsuperscript{Colorado\textregistered Human\textregistered Colorado Department of Public Health and Environment\textregistered Colorado Department of Pupal Health and Environment\textregistered Bankers\textregistered USA}

> Spike\textregistered hCoV-19/England/QEUH-B67260/2020|2020-11-11|EPI_ISL_662428|Original|hCoV-19\textregistered\textsuperscript{England\textregistered Human\textregistered Lighthouse Lab in Glasgow\textregistered Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium\textregistered Davies\textregistered United Kingdom}

> Spike\textregistered hCoV-19/England/QEUH-9AF2AA/2020|2020-09-03|EPI_ISL_559831|Original|hCoV-19\textregistered\textsuperscript{England\textregistered Human\textregistered Oxford Viromics\textregistered COVID-19 Genomics UK (COG-UK) Consortium\textregistered Golubchik\textregistered United Kingdom}

> Spike\textregistered hCoV-19/Denmark/DCGC-15940/2020|2020-11-23|EPI_ISL_714494|Original|hCoV-19\textregistered\textsuperscript{Hovedstaden\textregistered Human\textregistered Department of Virus and Microbiological Special Diagnostics\textregistered Albertsen Lab\textregistered Michaelsen\textregistered Denmark}

> Spike\textregistered hCoV-19/Denmark/DCGC-19798/2020|2020-12-07|EPI_ISL_747795|Original|hCoV-19\textregistered\textsuperscript{Hovedstaden\textregistered Human\textregistered Department of Virus and Microbiological Special Diagnostics\textregistered Albertsen Lab\textregistered Michaelsen\textregistered Denmark}

> Spike\textregistered hCoV-19/Ireland/WD-NVRL-77IRL74386/2020|2020-11-05|EPI_ISL_752529|Original|hCoV-19\textregistered\textsuperscript{Waterford\textregistered Human\textregistered National Virus Reference Laboratory\textregistered National Virus Reference Laboratory\textregistered Gonzalez\textregistered Ireland}

> Spike\textregistered hCoV-19/England/QEUH-8A7D84/2020|2020-07-24|EPI_ISL_532796|Original|hCoV-19\textregistered\textsuperscript{England\textregistered Human\textregistered Lighthouse Lab in Glasgow\textregistered Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium\textregistered Davies\textregistered United Kingdom}

> Spike\textregistered hCoV-19/South Korea/KCDC05/2020|2020-01-30|EPI_ISL_412869|Vero E6 P1|hCoV-19\textregistered\textsuperscript{Seoul\textregistered Human\textregistered Division of Viral Diseases\textregistered Division of Viral Diseases\textregistered Kim\textregistered South Korea}

> Spike\textregistered hCoV-19/India/MH-ACTREC-422/2020|2020-07-31|EPI_ISL_700071|Original|hCoV-19\textregistered\textsuperscript{Maharashtra\textregistered Human\textregistered Hematopathology Laboratory\textregistered Hematopathology Laboratory\textregistered Patkar\textregistered India}

> Spike\textregistered hCoV-19/Wales/PHWC-15CC6A/2020|2020-05-05|EPI_ISL_472601|Original|hCoV-19\textregistered\textsuperscript{Wales\textregistered Human\textregistered Wales Specialist Virology Centre Sequencing lab\textregistered COVID-19 Genomics UK (COG-UK) Consortium\textregistered Moore\textregistered United Kingdom}

> Spike\textregistered hCoV-19/USA/WI-WSLH-200718/2020|2020-06-29|EPI_ISL_631474|Original|hCoV-19\textregistered\textsuperscript{Wisconsin\textregistered Human\textregistered Wisconsin State Laboratory of Hygiene\textregistered Communicable Disease Division\textregistered Wisconsin State Laboratory of Hygiene\textregistered Communicable Disease Division\textregistered Florek\textregistered USA}
>Spike|hCoV-19/Denmark/DCGC-18041/2020|2020-12-14|EPI_ISL_749719|Original|hCoV-19^~Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Sp**:ke|hCoV-19/England/LCST-24D6A74/2020|2020-06-05|EPI_ISL_478324|Original|hCoV-19^~England|Human|University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Sp**:ke|hCoV-19/England/ALDP-B76A93/2020|2020-11-12|EPI_ISL_723802|Original|hCoV-19^~England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Sp**:ke|hCoV-19/USA/TX-HMH-4477/2020|2020-06-16|EPI_ISL_543652|Original|hCoV-19^~Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Sp**:ke|hCoV-19/USA/WY-QDX-1066/2020|2020-03-20|EPI_ISL_571915|Original|hCoV-19^~Wyoming|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Sp**:ke|hCoV-19/England/QEUH-C32B08/2020|2020-12-11|EPI_ISL_782484|Original|hCoV-19^~England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Sp**:ke|hCoV-19/England/QEUH-961B4F/2020|2020-07-31|EPI_ISL_537142|Original|hCoV-19^~England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Sp**:ke|hCoV-19/England/ALDP-B75EB6/2020|2020-11-12|EPI_ISL_740947|Original|hCoV-19^~England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Sp**:ke|hCoV-19/England/QEUH-9F814B/2020|2020-09-25|EPI_ISL_588920|Original|hCoV-19^~England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Sp**:ke|hCoV-19/USA/CA-ALSR-0752-IPL/2020|2020-05-03|EPI_ISL_483332|Original|hCoV-19^~California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavaranu|USA

>Sp**:ke|hCoV-19/Spain/IBV-98007074/2020|2020-09-03|EPI_ISL_582104|Original|hCoV-19^~Cantabria|Human|Hospital Universitario Marqu\u00e9s de Valdecilla - IDIVAL (Santander)|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Sp**:ke|hCoV-19/Switzerland/VD-ETHZ-300305/2020|2020-09-25|EPI_ISL_603337|Original|hCoV-19^~Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Sp**:ke|hCoV-19/Northern Ireland/NIRE-106A65/2020|2020-05-17|EPI_ISL_500982|Original|hCoV-19^~Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Sp**:ke|hCoV-19/England/20149007204/2020|2020-03-30|EPI_ISL_466125|Original|hCoV-19^~England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Sp**:ke|hCoV-19/England/WA-UW-4082/2020|2020-04-01|EPI_ISL_427239|Original|hCoV-19^~Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Sp**:ke|hCoV-19/USA/CA-CZB-13085/2020|2020-05-08|EPI_ISL_672040|Original|hCoV-19^~California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Sp**:ke|hCoV-19/USA/CA-CHLA-PLM54461605/2020|2020-11-30|EPI_ISL_753509|Original|hCoV-19^~California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Sp**:ke|hCoV-19/England/QEUH-AE1CCB/2020|2020-10-26|EPI_ISL_633659|Original|hCoV-19^~England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Sp**:ke|hCoV-19/Australia/VIC13794/2020|2020-08-05|EPI_ISL_592315|Original|hCoV-19^~Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Sp**:ke|hCoV-19/Canada/Qc-L00240866/2020|2020-03-27|EPI_ISL_465690|Original|hCoV-19^~Quebec|Human|Centre hospitalier Anna-Laberge|Laboratoire de santé du Québec|Moreira|Canada

>Sp**:ke|hCoV-19/Denmark/DCGC-19814/2020|2020-12-07|EPI_ISL_747806|Original|hCoV-19^~Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
<Spike|hCoV-19|England|ALDP-9CD91A|2020|2020-09-16|EPI_ISL_566307|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
&Spike|hCoV-19|Beijing|BJ752|2020|2020-02-08|EPI_ISL_430724|Original|hCoV-19
^Beijing|Human|Chinese PLA Institute for Disease Control and Prevention|Chinese PLA Institute for Disease Control and Prevention|Li|China
&Spike|hCoV-19|England|ALDP-A6ED96|2020|2020-10-15|EPI_ISL_606938|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
&Spike|hCoV-19|England|NORT-296D42|2020|2020-04-27|EPI_ISL_488108|Original|hCoV-19
^England|Human|NU-OMICS DNA Sequencing facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
&Spike|hCoV-19|England|BRIS-122975|2020|2020-04-02|EPI_ISL_440800|Original|hCoV-19
^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
&Spike|hCoV-19|England|QEUH-A022FF|2020|2020-09-29|EPI_ISL_584906|Original|hCoV-19
^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Ali Khan|United Kingdom
&Spike|hCoV-19|England|MILK-ACEEA0|2020|2020-10-22|EPI_ISL_629593|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
&Spike|hCoV-19|Japan|PG-2782|2020|2020-04-00|EPI_ISL_690909|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
&Spike|hCoV-19|Denmark|DCGC-12733|2020|2020-11-16|EPI_ISL_682914|Original|hCoV-19
^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
&Spike|hCoV-19|France|BRE-IPP10858|2020|2020-12-01|EPI_ISL_754158|Original|hCoV-19
^Bretagne|Human|Laboratoire de Microbiologie|National Reference Center for Viruses of Respiratory Infections|Enouf|France
&Spike|hCoV-19|England|QEUH-A001D6|2020|2020-09-30|EPI_ISL_600192|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
&Spike|hCoV-19|Canada|QC-LSPQ-L00231289|2020|2020-03-21|EPI_ISL_535951|Original|hCoV-19
^Quebec|Human|H\u00e9pital de Saint-Eustache|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada
&Spike|hCoV-19|Suriname|SR-17|2020|2020-06-25|EPI_ISL_517628|Original|hCoV-19
^Suriname|Human|Academic Hospital Paramaribo|Erasmus Medical Center|M\u00f6fcniger|Suriname
&Spike|hCoV-19|USA/WA-S1495|2020|2020-05-22|EPI_ISL_495921|Original|hCoV-19
^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
&Spike|hCoV-19|Japan|PG-7952|2020|2020-05-00|EPI_ISL_687053|Original|hCoV-19
^Japan|Human|Kanagawa Prefectural Institute of Public Health|Pathogen Genomics Center|Seikizuka|Japan
&Spike|hCoV-19|Japan|PG-4730|2020|2020-07-00|EPI_ISL_689866|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
&Spike|hCoV-19|Scotland|EDBB600|2020|2020-10-22|EPI_ISL_651975|Original|hCoV-19
^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Mchugh|United Kingdom
&Spike|hCoV-19|England|ALDP-C3C7A0|2020|2020-12-10|EPI_ISL_730979|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
&Spike|hCoV-19|England|ALDP-9EC991|2020|2020-05-05|EPI_ISL_589566|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
&Spike|hCoV-19|England|ALDP-8861FF|2020|2020-04-20|EPI_ISL_614697|Original|hCoV-19
^England|Human|Quadram Institute|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
&Spike|hCoV-19|England|CAMC-B99DEC|2020|2020-11-15|EPI_ISL_673309|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike| hCoV-19/United Arab Emirates/0453/2020|2020-05-18| EPI_ISL_698624| Original|hCoV-19| Abu Dhabi| Human| Group 42 (G42) Healthcare| G42 Healthcare| Ogrodzki| United Arab Emirates
> Spike|hCoV-19/England/QEUH-9E4E5A/2020|2020-09-22| EPI_ISL_579871| Original|hCoV-19| England| Human| Lighthouse Lab in Milton Keynes| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom
> Spike|hCoV-19/England/EXET-136F7C/2020|2020-04-20| EPI_ISL_471939| Original|hCoV-19| England| Human| University of Exeter| COVID-19 Genomics UK (COG-UK) Consortium| Temperton| United Kingdom
> Spike|hCoV-19/England/2012805204/2020|2020-03-18| EPI_ISL_423964| Original|hCoV-19| England| Human| Respiratory Virus Unit| Respiratory Virus Unit| Platt| United Kingdom
> Spike|hCoV-19/South Africa/KRISP-K004024/2020|2020-10-08| EPI_ISL_635007| Original|hCoV-19| KwaZulu-Natal| Human| National Health Laboratory Service - Inkosi Albert Luthuli Central Hospital (NHLS-ITALCH)| KRISP| de Oliveira| South Africa
> Spike|hCoV-19/United Arab Emirates/0320/2020|2020-05-18| EPI_ISL_698497| Original|hCoV-19| Abu Dhabi| Human| Group 42 (G42) Healthcare| G42 Healthcare| Ogrodzki| United Arab Emirates
> Spike|hCoV-19/Scotland/EDB9818/2020|2020-11-02| EPI_ISL_680544| Original|hCoV-19| Scotland| Human| Virology Department| COVID-19 Genomics UK (COG-UK) Consortium| Mchugh| United Kingdom
> Spike|hCoV-19/India/UP-NCDC-02322/2020|2020-03-29| EPI_ISL_435082| Original|hCoV-19| Uttar Pradesh| Human| National Centre for Disease control (NCDC)| NCDC/CSIIR-IGIB| Faruq| India
> Spike|hCoV-19/England/MILK-B89D1C/2020|2020-11-13| EPI_ISL_675542| Original|hCoV-19| England| Human| Lighthouse Lab in Milton Keynes| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom
> Spike|hCoV-19/Portugal/PT0064/2020|2020-03-20| EPI_ISL_421467| Original|hCoV-19| Portugal| Human| H Evora| Instituto Nacional de Saúde (INSA)| Borges| Portugal
> Spike|hCoV-19/Spain/MD-IBV-99008812/2020|2020-09-21| EPI_ISL_654161| Original|hCoV-19| Madrid| Human| Hospital General Universitario Gregorio Marañón| u00f1| u00f3n| SeqCOVID-SPAIN consortium| IBV(CSIC)| Comas| Spain
> Spike|hCoV-19/England/BRIS-124B5F/2020|2020-03-25| EPI_ISL_444015| Original|hCoV-19| England| Human| PHE South West Regional Laboratory| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Amato| United Kingdom
> Spike|hCoV-19/United Arab Emirates/0727/2020|2020-05-19| EPI_ISL_698878| Original|hCoV-19| Abu Dhabi| Human| Group 42 (G42) Healthcare| G42 Healthcare| Ogrodzki| United Arab Emirates
> Spike|hCoV-19/USA/TX-HMW-MCoV-10391/2020|2020-07-08| EPI_ISL_789255| Original|hCoV-19| Texas| Human| Houston Methodist Hospital| Houston Methodist Hospital| Long| USA
> Spike|hCoV-19/Switzerland/BS-UHB-42191430/2020|2020-03-15| EPI_ISL_528096| Original|hCoV-19| Basel-Stadt| Human| University Hospital Basel| University Hospital Basel| Roloff Handschin| Switzerland
> Spike|hCoV-19/Russia/PSK-RII-MH6290S/2020|2020-11-09| EPI_ISL_733370| Original|hCoV-19| Pskov| Human| HELIX LLC| WHO National Influenza Centre Russian Federation| Komissarov| Russia
> Spike|hCoV-19/England/MILK-B959BF/2020|2020-11-13| EPI_ISL_674911| Original|hCoV-19| England| Human| Lighthouse Lab in Milton Keynes| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom
> Spike|hCoV-19/Scotland/CVR4547/2020|2020-09-22| EPI_ISL_585406| Original|hCoV-19| Scotland| Human| Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research| COVID-19 Genomics UK (COG-UK) Consortium| Robertson| United Kingdom
> Spike|hCoV-19/England/ALDP-CBE533/2020|2020-12-19| EPI_ISL_760574| Original|hCoV-19| England| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom
> Spike|hCoV-19/USA/WA-UW-2344/2020|2020-04-18| EPI_ISL_485983| Original|hCoV-19| Washington| Human| UW Virology Lab| UW Virology Lab| Roychoudhury| USA
Spike|hCoV-19|England|ALDP-9CD947/2020|2020-09-16|EPI_ISL_566123|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA/HI-H200179/2020|2020-07-29|EPI_ISL_752739|Original|hCoV-19|Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA
Spike|hCoV-19|England/CAMC-B32556/2020|2020-11-05|EPI_ISL_659224|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|England/QEUV-C316BD/2020|2020-12-10|EPI_ISL_731453|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/BRIS-1222F2/2020|2020-03-23|EPI_ISL_439971|Original|hCoV-19|England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
Spike|hCoV-19|England/QEUV-A1FCD3/2020|2020-10-01|EPI_ISL_587620|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Wales/PHWC-29BA6/2020|2020-04-04|EPI_ISL_431953|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
Spike|hCoV-19|Spain/NC-IVB-001365/2020|2020-03-11|EPI_ISL_452536|Original|hCoV-19|Navarra|Human|Clu00ednicia Universidad de Navarra. Servicio de Enfermedades Infecciosas y Microbiologu00eda Clu00ednicia|SeqCOVID-SPAIN consortium|IVB(CSIC)|Comas|Spain
Spike|hCoV-19|England/CAMC-A3P745/2020|2020-10-05|EPI_ISL_609690|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|France/PAC-MEPHI-2117/2020|2020-09-23|EPI_ISL_644502|Original|hCoV-19|Provence-Alpes-Cote-duu00e9u2019Azur Human|MEPHI|LE-Vasseur|France
Spike|hCoV-19|USA/CT-Yale-274/2020|2020-04-02|EPI_ISL_469197|Original|hCoV-19|Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA
Spike|hCoV-19|Sweden/20-08105/2020|2020-03-10|EPI_ISL_454476|Original|hCoV-19|Stockholm|Human|Karolinska Universitetsskolanet|The Public Health Agency of Sweden|Svartstru00f6m|Sweden
Spike|hCoV-19|Switzerland/BS-42208050/2020|2020-03-26|EPI_ISL_581760|Original|hCoV-19|Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland
Spike|hCoV-19|Germany/HH-hpi-p1315/2020|2020-03-21|EPI_ISL_775850|Original|hCoV-19|Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany
Spike|hCoV-19|South Africa/NHLS-UCT-GS-1153/2020|2020-11-02|EPI_ISL_700439|Original|hCoV-19|Western Cape|Human|Paarltsdorp Clinic wc PAC|NHLS/UCT|Iranzadeh|South Africa
Spike|hCoV-19|England/MILK-9EF3C/2020|2020-09-20|EPI_ISL_581265|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA/UT-UPHL-2012382383/2020|2020-08-17|EPI_ISL_746081|Original|hCoV-19|Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA
Spike|hCoV-19|England/MILK-AC89B4/2020|2020-10-22|EPI_ISL_629457|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Netherlands/un-EMC-721/2020|2020-03-31|EPI_ISL_523476|Original|hCoV-19|Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
Spike|hCoV-19|Spain/AN-IVB-004083/2020|2020-04-14|EPI_ISL_510048|Original|hCoV-19|Andalucia|Human|Servicio de Microbiologu00eda. HRU de M\u00e1n\u00e9n. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium|IVB(CSIC)|Comas|Spain
>Spike|hCoV-19|England|ALDP-B83978|2020|2020-11-14|EPI_ISL_674487|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|India|WB-IR71|2020|2020-05-14|EPI_ISL_508395|Original|hCoV-19|England|Human|Institute of Post Graduate Medical Education & Research|National Institute of Biomedical Genomics|Maitra|India

> Spike|hCoV-19|Germany|HH-hpi-p2171|2020|2020-03-28|EPI_ISL_776401|Original|hCoV-19|England|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Roitbach|Germany

> Spike|hCoV-19|England|BRIS-126B99|2020|2020-04-10|EPI_ISL_459012|Original|hCoV-19|England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|England|MLK-9C258A|2020|2020-09-07|EPI_ISL_566575|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|Japan|PG-5226|2020|2020-08-00|EPI_ISL_690329|Original|hCoV-19|England|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

> Spike|hCoV-19|Belgium|ULG-10345|2020|2020-08-04|EPI_ISL_540512|Original|hCoV-19|England|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

> Spike|hCoV-19|USA|NY-Wadsworth-278554-01|2020|2020-11-23|EPI_ISL_754477|Original|hCoV-19|New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

> Spike|hCoV-19|Japan|PG-4181|2020|2020-07-00|EPI_ISL_692420|Original|hCoV-19|England|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

> Spike|hCoV-19|England|MLK-A474BC|2020|2020-10-06|EPI_ISL_598401|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|Belgium|DA-030691|2020|2020-03-06|EPI_ISL_420347|Original|hCoV-19|Belgium|Human|KU Leuven|KU Leuven|Maes|Belgium

> Spike|hCoV-19|USA|OR-OHSU-2131|2020|2020-08-05|EPI_ISL_667123|Original|hCoV-19|Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

> Spike|hCoV-19|USA|LA-EVT1401|2020|2020-12-11|EPI_ISL_779067|Original|hCoV-19|Louisiana|Human|LSU HS|SeqCOVID-SPAIN

> Spike|hCoV-19|USA|TX-HMH-5608|2020|2020-06-23|EPI_ISL_544899|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

> Spike|hCoV-19|England|BIRM-6531F|2020|2020-09-29|EPI_ISL_594547|Original|hCoV-19|England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) consortium|Loman|United Kingdom

> Spike|hCoV-19|Denmark|DCGC-2358|2020|2020-08-10|EPI_ISL_617698|Original|hCoV-19|Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

> Spike|hCoV-19|Spain|AR-IBV-98010578|2020|2020-10-05|EPI_ISL_722231|Original|hCoV-19|Aragon|Human|Servicio de Microbiologia\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

> Spike|hCoV-19|Japan|PG-0217|2020|2020-03-04|EPI_ISL_479917|Original|hCoV-19|Kanto|Human|Niigata City Public Health Research Institute|Pathogen Genomics Center|Sekizuka|Japan

> Spike|hCoV-19|England|MILK-A4666C|2020|2020-10-05|EPI_ISL_598574|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-975C45/2020|2020-08-21|EPI_ISL_552529|Original|hCoV-
19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/England/204821099/2020|2020-11-23|EPI_ISL_678772|Original|hCoV-
19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

> Spike|hCoV-19/Denmark/DGCC-6244/2020|2020-10-05|EPI_ISL_620004|Original|hCoV-
19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen|MELS|Denmark

> Spike|hCoV-19/USA/FL-BPHEL-2231/2020|2020-08-10|EPI_ISL_666853|Original|hCoV-
19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

> Spike|hCoV-19/Iceland/575/2020|2020-03-28|EPI_ISL_424595|Original|hCoV-
19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\"00f3nsson|Iceland

> Spike|hCoV-19/Russia/MOW-RII-MH2056S/2020|2020-09-24|EPI_ISL_602392|Original|hCoV-
19^^Moscow|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

> Spike|hCoV-19/South Africa/R10364/2020|2020-06-01|EPI_ISL_490271|Original|hCoV-
19^^Gauteng|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

> Spike|hCoV-19/Australia/VIC1783/2020|2020-05-27|EPI_ISL_456649|Original|hCoV-
19^^Victoria|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

> Spike|hCoV-19/England/ALDP-A6F7D3/2020|2020-10-14|EPI_ISL_607124|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/Switzerland/GE-SNRCI-7906/2020|2020-03-
00|EPI_ISL_548208|Original|hCoV-19^^Geneve|Human|Laboratoire de Virologie|Swiss National Reference Centre for Influenza|Gon\"u00e7alves Cabecinhas|Switzerland

> Spike|hCoV-19/Australia/VIC1787/2020|2020-05-27|EPI_ISL_456649|Original|hCoV-
19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

> Spike|hCoV-19/England/LEED-2AA103/2020|2020-04-08|EPI_ISL_538829|Original|hCoV-
19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/Wales/PHWC-4A4CF7/2020|2020-12-09|EPI_ISL_763480|Original|hCoV-
19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/Australia/NY-NYUMC457/2020|2020-04-20|EPI_ISL_435523|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

> Spike|hCoV-19/India/GJ-GBBC154/2020|2020-05-27|EPI_ISL_461483|Original|hCoV-
19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

> Spike|hCoV-19/Netherlands/NH-RIVM-2097/2020|2020-12-
10|EPI_ISL_790994|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

> Spike|hCoV-19/USA/CA-CZB-1205/2020|2020-03-24|EPI_ISL_450454|Original|hCoV-
19^^California|Human|Stanford clinical virology lab|Chan-Zuckerberg Biohub|Hao|USA

> Spike|hCoV-19/England/BRTS-133504/2020|2020-07-09|EPI_ISL_539895|Original|hCoV-
19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/England/ALDP-C3CD17/2020|2020-12-10|EPI_ISL_731832|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
| Location        | Type        | Lab Name                                | Institution                                           |
|-----------------|-------------|-----------------------------------------|-------------------------------------------------------|
| Madrid          | Human       | Lighthouse Lab in Alderley Park         | Wellcome Sanger Institute for the COVID-19 Genomics UK |
| Wales           |             | Public Health Wales Microbiology        |                                                       |
| Japan           | Human       | Pathogen Genomics Center                | Pathogen Genomics Center                               |
| South Korea     | Human       | Division of Viral Diseases              |                                                       |
| South Wales     |             | Area of Virology                        |                                                       |
| New South Wales |             | Area of Virology                        |                                                       |
| Australia       |             | Lighthouse Lab in Glasgow               | Wellcome Sanger Institute for the COVID-19 Genomics UK |
| WA              |             | Department of Virology                  |                                                       |
| WA              |             | Department of Pathology                 |                                                       |
| WA              |             | Division of Viral Diseases              |                                                       |
| WA              |             | Division of Infectious Diseases         |                                                       |
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>Spike|hCoV-19|England|CAMC-AB1884/2020|2020-10-23|EPI_ISL_623816|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|USA/FL-BPHL-1912/2020|2020-07-17|EPI_ISL_613772|Original|hCoV-19^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19|England/NOTT-121606/2020|2020-12-17|EPI ISL 741645|Original|hCoV-19^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19|Australia/VIC15465/2020|2020-08-01|EPI_ISL_593318|Original|hCoV-19^Australia/VIC15465/2020|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19|England/CAMB-77CD3/2020|2020-04-01|EPI_ISL_440819|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19|USA/WI-UW-2155/2020|2020-10-15|EPI_ISL_677559|Original|hCoV-19^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19|England/QEUSH-A4AC8F5/2020|2020-10-21|EPI_ISL_652881|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19|Portugal/PT1981/2020|2020-11-09|EPI_ISL_732204|Original|hCoV-19^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC) and Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19|Netherlands/UT-EMC-52/2020|2020-04-22|EPI_ISL_523529|Original|hCoV-19^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands

>Spike|hCoV-19|England/QEUH-9B507A/2020|2020-09-03|EPI_ISL_590197|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|USA/LA-GBCL-26629263/2020|2020-04-21|EPI_ISL_485241|Original|hCoV-19^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19|England/MILK-A44FDC/2020|2020-10-06|EPI_ISL_598750|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|England/SHEF-CB12C/2020|2020-05-03|EPI_ISL_490618|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19|USA/LA-EVTL1314/2020|2020-12-11|EPI_ISL_778980|Original|hCoV-19^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19|Saudi Arabia/KAUST-MAKKAH1517/2020|2020-04-06|EPI_ISL_678100|Original|hCoV-19^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed GhaZZali|Saudi Arabia

>Spike|hCoV-19|England/CAMC-A4OE97/2020|2020-10-07|EPI_ISL_609492|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|USA/NY-MSK-3C/2020|2020-04-13|EPI_ISL_583433|Original|hCoV-19^New York|Human|Memorial Sloan Kettering Cancer Center|van Bakel Laboratory|van Bakel|USA

>Spike|hCoV-19|Denmark/DCGC-20423/2020|2020-12-21|EPI_ISL_758715|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19|USA/CT-Yale-497/2020|2020-10-12|EPI_ISL_729782|Original|hCoV-19^Connecticut|Human|Grubaugh Lab - Yale School of Public Health|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA
> Spike|hCoV-19^USA|TX-HMH-MCoV-12814|2020|2020-08-19|EPI_ISL_790544|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19^USA|TX-HMH-4463|2020|2020-06-16|EPI_ISL_543640|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19^England|ALDP-B843B5|2020|2020-11-14|EPI_ISL_674380|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19^Hungary|MH-789|2020|2020-04-16|EPI_ISL_526232|Original|hCoV-19^Pest county|Human|Hungarian Defence Forces Military Medical Centre|National Laboratory of Virology|Kemenesi|Hungary
> Spike|hCoV-19^England|MILK-97878D|2020|2020-07-31|EPI_ISL_550501|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19^Scotland|QEUH-96CE7|2020|2020-08-21|EPI_ISL_534531|Original|hCoV-19^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19^England|ALDP-A6FE38|2020|2020-10-15|EPI_ISL_608263|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19^USA|WA-UW-11278|2020|2020-06-20|EPI_ISL_570385|Original|hCoV-19^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
> Spike|hCoV-19^England|LOND-D4A8F|2020|2020-04-11|EPI_ISL_444175|Original|hCoV-19^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
> Spike|hCoV-19^USA|WA-S2849|2020|2020-09-18|EPI_ISL_574691|Original|hCoV-19^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA
> Spike|hCoV-19^USA|NY-Wadsworth-290728|2020|2020-12-21|EPI_ISL_767555|Original|hCoV-19^New York|Human|URMC LABS|Wadsworth Center|Lasek-Nesselquist|USA
> Spike|hCoV-19^Brazil|RJ-1953|2020|2020-04-13|EPI_ISL_541352|Original|hCoV-19^Rio de Janeiro|Human|Laboratory of Respiratory Viruses and Measles|Laboratory of Respiratory Viruses and Measles|Silva|Brazil
> Spike|hCoV-19^Jordan|SEARCH-5430|2020|2020-08-23|EPI_ISL_755237|Original|hCoV-19^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan
> Spike|hCoV-19^Wales|PHHC-4A2E7B|2020|2020-12-14|EPI_ISL_744027|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19^England|MILK-9A53FC|2020|2020-09-09|EPI_ISL_550142|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19^Wales|PHHC-49D787|2020|2020-12-12|EPI_ISL_742830|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19^Japan|PG-2861|2020|2020-03-00|EPI_ISL_690987|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19|England|ALDP-94DBB2|2020|2020-06-17|EPI_ISL_555659|Original|hCoV-19
England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19|England|LIVE-DBE972|2020|2020-10-29|EPI_ISL_665138|Original|hCoV-19
England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spikes|hCoV-19|Wales|PHiC-16E7BF|2020|2020-10-04|EPI_ISL_585768|Original|hCoV-19
Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spikes|hCoV-19|USA/CA-CZB-10234|2020|2020-05-17|EPI_ISL_672268|Original|hCoV-19
California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spikes|hCoV-19|Finland|S3CE1|2020|2020-10-30|EPI_ISL_732647|Original|hCoV-19
Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spikes|hCoV-19|Germany|SH-ChVir3054|2020|2020-03-20|EPI_ISL_729524|Original|hCoV-19
Schleswig-Holstein|Human|A. Krumbholz|Charité|Universitätsmedizin Berlin|Muehlemann|Germany

>Spikes|hCoV-19|USA/TX-HMM-MCOV-14015|2020|2020-08-14|EPI_ISL_787304|Original|hCoV-19
Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spikes|hCoV-19|New Zealand|20VR3073|2020|2020-00-00|EPI_ISL_579410|Original|hCoV-19
Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spikes|hCoV-19|England|MILK-976039|2020|2020-08-21|EPI_ISL_552718|Original|hCoV-19
England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19|England|BRIS-125778|2020|2020-03-28|EPI_ISL_443830|Original|hCoV-19
England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spikes|hCoV-19|Saudi Arabia|KAUST-Makkah108|2020|2020-04-06|EPI_ISL_437705|Original|hCoV-19
Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spikes|hCoV-19|England|LIVE-DC30FD|2020|2020-11-22|EPI_ISL_705862|Original|hCoV-19
England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spikes|hCoV-19|Scotland|QUEH-A4C736|2020|2020-10-07|EPI_ISL_595996|Original|hCoV-19
Scotland|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spikes|hCoV-19|Japan|PG-8032|2020|2020-08-00|EPI_ISL_687133|Original|hCoV-19
Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spikes|hCoV-19|USA/CA-CZB-13272|2020|2020-10-28|EPI_ISL_672430|Original|hCoV-19
California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spikes|hCoV-19|Singapore|V0-4778|2020|2020-04-05|EPI_ISL_636461|Original|hCoV-19
Slovenia|Human|Institute of Microbiology and Immunology|Institute of Microbiology and Immunology|Zakotnik|Slovenia

>Spikes|hCoV-19|USA/WI-UW-866|2020|2020-07-08|EPI_ISL_509869|Original|hCoV-19
Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spikes|hCoV-19|Brazil|SP-629|2020|2020-03-23|EPI_ISL_515544|Original|hCoV-19
Brazil|Human|Ama Dr Jose Soares Hungria|Instituto Adolfo Lutz|S
cacchi|Brazil

>Spikes|hCoV-19|Singapore|46/2020|2020-03-16|EPI_ISL_428825|Original|hCoV-19
Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spikes|hCoV-19|USA/NY-NYCPHL-000795|2020|2020-03-27|EPI_ISL_632175|Original|hCoV-19
New York|Human|OCME Office Of Chief Medical Examiner|New York City Public Health Laboratory|Wang|USA
>Spike|hCoV-19/England/NORW-F5781/2020|2020-11-08|EPI_ISL_665265|Original|hCoV-19
^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Ali Khan|United Kingdom
>Spik|hCoV-19/USA/CA-CZB-14927/2020|2020-11-27|EPI_ISL_738734|Original|hCoV-19
^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA
>Spik|hCoV-19/Wales/PHHC-499DD4/2020|2020-11-24|EPI_ISL_727446|Original|hCoV-19
^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik|hCoV-19/Denmark/DGCC-6701/2020|2020-04-20|EPI_ISL_622364|Original|hCoV-19
^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spik|hCoV-19/England/204490653/2020|2020-10-30|EPI_ISL_639822|Original|hCoV-19
^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spik|hCoV-19/England/MILK-977979/2020|2020-07-25|EPI_ISL_550466|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Scotland/EDB3875/2020|2020-05-01|EPI_ISL_491690|Original|hCoV-19
^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Switzerland/GR-ETHZ-400288/2020|2020-12-06|EPI_ISL_729153|Original|hCoV-19
^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genomic Epidemiology Laboratory|Griffith|USA
>Spik|hCoV-19/Wales/PHHC-4A4CE/2020|2020-12-09|EPI_ISL_764779|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik|hCoV-19/USA/PA-MGEL-00764/2020|2020-10-12|EPI_ISL_682051|Original|hCoV-19
^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA
>Spik|hCoV-19/England/QUEUH-9DBEED/2020|2020-09-21|EPI_ISL_601261|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/MILK-A240DF/2020|2020-10-04|EPI_ISL_650966|Original|hCoV-19
^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spik|hCoV-19/USA/TX-HM-MCoV-18275/2020|2020-11-16|EPI_ISL_784623|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19/England/ALDP-C497FB/2020|2020-12-10|EPI_ISL_718761|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/Belgium/rega-0414474/2020|2020-04-14|EPI_ISL_476984|Original|hCoV-19
^Herselt|Human|KU Leuven|KU Leuven|Maes|Belgium
>Spik|hCoV-19/England/20138019104/2020|2020-03-26|EPI_ISL_423292|Original|hCoV-19
^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spik|hCoV-19/Russia/OMS-ORINFI-59485/2020|2020-06-07|EPI_ISL_569773|Original|hCoV-19
^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Spike|hCoV-19/Australia/VIC8627/2020|2020-08-01|EPI_ISL_565118|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL |Schultz|Australia
>Sp...|2020-12-18|EPI_ISL_737373|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Sp...|2020-06-18|EPI_ISL_543529|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Sp...|2020-08-08|EPI_ISL_593418|Original|hCoV-19^^England|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Sp...|2020-12-18|EPI_ISL_768041|Original|hCoV-19^^Bern|Human|Vioellier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Sp...|2020-03-24|EPI_ISL_517489|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Sp...|2020-11-18|EPI_ISL_723293|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Sp...|2020-10-14|EPI_ISL_608311|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp...|2020-08-08|EPI_ISL_687112|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
>Sp...|2020-07-02|EPI_ISL_556290|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp...|2020-11-04|EPI_ISL_657023|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Sp...|2020-11-14|EPI_ISL_675055|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Sp...|2020-10-21|EPI_ISL_634349|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp...|2020-10-01|EPI_ISL_733082|Original|hCoV-19^^Sverdlovsk|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Sp...|2020-08-27|EPI_ISL_560306|Original|hCoV-19^^Wales|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Sp...|2020-00-00|EPI_ISL_490422|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom
>Sp...|2020-03-28|EPI_ISL_420729|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Sp...|2020-04-16|EPI_ISL_492921|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-A2D7FF/2020|2020-10-05|EPI_ISL_586916|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/Denmark/DCGC-19377/2020|2020-12-07|EPI_ISL_74816|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spke|hCoV-19/Sweden/20-07572/2020|2020-04-21|EPI_ISL_434674|Original|hCoV-19^^Vastra Gotaland|Human|Karhalsan Backa vardcentral|The Public Health Agency of Sweden|Svartstr|006f6m|Sweden
>Spke|hCoV-19/USA/CA-ALSR-3813/2020|2020-06-15|EPI_ISL_636218|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spke|hCoV-19/Switzerland/BS-42208013/2020|2020-03-26|EPI_ISL_581758|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland
>Spke|hCoV-19/Spain/AN-IVB-001901/2020|2020-03-15|EPI_ISL_467070|Original|hCoV-19^^Andalucia|Human|Hospital Universitario Puerta del Mar de C\u00e9u00f1iz - INIBICA|SeqCOVID-SPAIN consortium/IVB (CSIC)|Comas|Spain
>Spke|hCoV-19/England/CAMC-9EBD38/2020|2020-09-24|EPI_ISL_584415|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spke|hCoV-19/Australia/VIC753/2020|2020-03-30|EPI_ISL_427030|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spke|hCoV-19/Australia/VIC5759/2020|2020-07-21|EPI_ISL_518557|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spke|hCoV-19/USA/MA-MGH-01325/2020|2020-05-05|EPI_ISL_791923|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA
>Spke|hCoV-19/USA/AZ-TG668396/2020|2020-04-20|EPI_ISL_696302|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA
>Spke|hCoV-19/England/ALDP-C3B282/2020|2020-12-09|EPI_ISL_731736|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19/Wales/CVR4804/2020|2020-09-12|EPI_ISL_627355|Original|hCoV-19^^Wales|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spke|hCoV-19/England/NORT-1B87179/2020|2020-10-28|EPI_ISL_724965|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spke|hCoV-19/England/CVR4804/2020|2020-09-12|EPI_ISL_627355|Original|hCoV-19^^Wales|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spke|hCoV-19/United Arab Emirates/0452/2020|2020-05-18|EPI_ISL_698623|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
>Spke|hCoV-19/USA/VA-DCLS-1420/2020|2020-07-12|EPI_ISL_581543|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spke|hCoV-19/England/OEUH-C33AFB/2020|2020-12-11|EPI_ISL_734085|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19/Austria/CeMM0268/2020|2020-03-24|EPI_ISL_475773|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria
>Spke|hCoV-19/England/PORT-2D5A22/2020|2020-12-18|EPI_ISL_763690|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike\|hCoV-19\|USA\|AK-PHL016\|2020\|2020-03-18\|EPI-ISL_431016\|Original\|hCoV-19\|Alaska\|Human\|Alaska State Virology Laboratory\|Alaska State Virology Laboratory\|Chen\|USA

>Skype\|hCoV-19\|Ireland\|D-NVRL-AIIDV1436v1\|2020\|2020-12-01\|EPI-ISL_791303\|Original\|hCoV-19\|Dublin\|Human\|National Virus Reference Laboratory\|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark\|Walsh\|Ireland

>Skype\|hCoV-19\|England\|GSTT-5628\|2020\|2020-03-21\|EPI-ISL_560694\|Original\|hCoV-19\|England\|Human\|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit\|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit\|Awan\|United Kingdom

>Skype\|hCoV-19\|Australia\|VIC5399\|2020\|2020-07-19\|EPI-ISL_520162\|Original\|hCoV-19\|Victoria\|Human\|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)\|MDU-PHL\|Schultz\|Australia

>Skype\|hCoV-19\|England\|QUEH-A0B6EB\|2020\|2020-10-03\|EPI-ISL_599412\|Original\|hCoV-19\|England\|Human\|Lighthouse Lab in Glasgow\|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium\|Davies\|United Kingdom

>Skype\|hCoV-19\|USA\|CA-CZB-14311\|2020\|2020-08-24\|EPI-ISL_739368\|Original\|hCoV-19\|California\|Human\|Alameda County Public Health Lab\|Chan-Zuckerberg Biohub\|Kamm\|USA

>Skype\|hCoV-19\|USA\|NY-NYUMC609\|2020\|2020-04-02\|EPI-ISL_444726\|Original\|hCoV-19\|New York\|Human\|NYU Langone Health\|Departments of Pathology and Medicine\|Maurano\|USA

>Skype\|hCoV-19\|England\|QUEH-9DE61F\|2020\|2020-09-21\|EPI-ISL_581324\|Original\|hCoV-19\|England\|Human\|Lighthouse Lab in Glasgow\|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium\|Davies\|United Kingdom

>Skype\|hCoV-19\|United Arab Emirates\|DU-A-S9-2-S4\|2020\|2020-04-23\|EPI-ISL_548970\|Original\|hCoV-19\|Dubai\|Human\|Expo2020 Emergency Center\|Agiomix\|Ben Hamda\|United Arab Emirates

>Skype\|hCoV-19\|USA\|Fl-BPHL-2063\|2020\|2020-06-22\|EPI-ISL_653216\|Original\|hCoV-19\|Florida\|Human\|Florida Bureau of Public Health Laboratories\|Florida Bureau of Public Health Laboratories\|Blanton\|USA

>Skype\|hCoV-19\|Australia\|VIC15505\|2020\|2020-08-02\|EPI-ISL_593339\|Original\|hCoV-19\|Victoria\|Human\|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)\|MDU-PHL\|Schultz\|Australia

>Skype\|hCoV-19\|Portugal\|PT1294\|2020\|2020-03-24\|EPI-ISL_511255\|Original\|hCoV-19\|Portugal\|Human\|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)\|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)\|Borges\|Portugal

>Skype\|hCoV-19\|USA\|RI-CDC-2-3714578\|2020\|2020-12-04\|EPI-ISL_751795\|Original\|hCoV-19\|Rhode Island\|Human\|RI State Health Laboratories\|Genomics and Discovery\|Queen\|USA

>Skype\|hCoV-19\|Poland\|1109500\|2020\|2020-03-29\|EPI-ISL_450526\|Original\|hCoV-19\|Poland\|Human\|Hematology Laboratory\|Department of Virology\|Smura\|Poland

>Skype\|hCoV-19\|USA\|TX-HMH-MCoV-14921\|2020\|2020-10-15\|EPI-ISL_786405\|Original\|hCoV-19\|Texas\|Human\|Houston Methodist Hospital\|Houston Methodist Hospital\|Long\|USA

>Skype\|hCoV-19\|England\|ALDP-9BCE6BD\|2020\|2020-09-09\|EPI-ISL_567989\|Original\|hCoV-19\|England\|Human\|Lighthouse Lab in Alderley Park\|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium\|Davies\|United Kingdom

>Skype\|hCoV-19\|USA\|TX-HMH-MCoV-14474\|2020\|2020-10-08\|EPI-ISL_787759\|Original\|hCoV-19\|Texas\|Human\|Houston Methodist Hospital\|Houston Methodist Hospital\|Long\|USA

>Skype\|hCoV-19\|England\|OXON-B21FB\|2020\|2020-04-19\|EPI-ISL_479127\|Original\|hCoV-19\|England\|Human\|Oxford Viromics\|COVID-19 Genomics UK (COG-UK) consortium\|Golubchik\|United Kingdom

>Skype\|hCoV-19\|England\|ALDP-C58F00\|2020\|2020-12-14\|EPI-ISL_735951\|Original\|hCoV-19\|England\|Human\|Lighthouse Lab in Alderley Park\|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium\|Davies\|United Kingdom

>Skype\|hCoV-19\|England\|ALDP-66580B\|2020\|2020-07-03\|EPI-ISL_555701\|Original\|hCoV-19\|England\|Human\|Lighthouse Lab in Alderley Park\|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium\|Davies\|United Kingdom
>Spike|hCoV-19/England/NOTT-112D7C/2020|2020-07-14|EPI_ISL_499266|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spik%e|hCoV-19/England/LIVE-9EB24/2020|2020-04-05|EPI_ISL_453368|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spik%e|hCoV-19/Scotland/EDB1460/2020|2020-04-11|EPI_ISL_433457|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spik%e|hCoV-19/Netherlands/GE-RIVM-20310/2020|2020-11-21|EPI_ISL_723449|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spik%e|hCoV-19/England/MILK-C7ADB3/2020|2020-12-15|EPI_ISL_756820|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik%e|hCoV-19/Denmark/DGCC-13549/2020|2020-11-30|EPI_ISL_712871|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark
>Spik%e|hCoV-19/USA/CA-CHLA-PLM43062990/2020|2020-11-30|EPI_ISL_753462|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA
>Spik%e|hCoV-19/Japan/PG-8329/2020|2020-08-00|EPI_ISL_687428|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spik%e|hCoV-19/England/QEUVH-96BB63/2020|2020-08-14|EPI_ISL_531234|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik%e|hCoV-19/England/ALDP-4AC20C/2020|2020-06-14|EPI_ISL_559529|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik%e|hCoV-19/USA/TX_GCID_192000135/2020|2020-03-25|EPI_ISL_445084|Original|hCoV-19^^Texas|Human|Baylor College of Medicine|Baylor College of Medicine|Skinner|USA
>Spik%e|hCoV-19/England/ONX-F40C2F/2020|2020-12-14|EPI_ISL_764548|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spik%e|hCoV-19/USA/UT-UPHL-2012620468/2020|2020-08-12|EPI_ISL_745881|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA
>Spik%e|hCoV-19/England/MILK-56BD34/2020|2020-06-10|EPI_ISL_558370|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik%e|hCoV-19/Japan/PG-4793/2020|2020-08-00|EPI_ISL_689918|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spik%e|hCoV-19/England/CAMC-A58B86/2020|2020-10-08|EPI_ISL_597133|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik%e|hCoV-19/Germany/SH-ChVir9999/2020|2020-11-04|EPI_ISL_729667|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charite\u00e9 Universit\u00e4tsmedizin Berlin|Muehlenmann|Germany
>Spik%e|hCoV-19/England/QEUVH-9CF0AA/2020|2020-09-15|EPI_ISL_590121|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik%e|hCoV-19/USA/TX_HNH-MCoV-19690/2020|2020-11-25|EPI_ISL_784044|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik%e|hCoV-19/Wales/PHWC-4A32E7/2020|2020-12-14|EPI_ISL_744084|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik%e|hCoV-19/England/MILK-879E1F/2020|2020-07-18|EPI_ISL_557340|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik%e|hCoV-19/England/MILK-879E1F/2020|2020-07-18|EPI_ISL_557340|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Australia/VIC2742/2020|2020-07-05|EPI_ISL_521577|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19/England/QEUH-9ADFA5/2020|2020-09-02|EPI_ISL_638617|Original|hCoV-19^^^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
> Spike|hCoV-19/England/NORT-28CD27/2020|2020-05-12|EPI ISL 492949|Original|hCoV-19^^^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
> Spike|hCoV-19/USA/AK-PHL576/2020|2020-06-23|EPI_ISL_512149|Original|hCoV-19^^^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Drown|USA
> Spike|hCoV-19/Spain/CT-HUVH-VH6837/2020|2020-03-23|EPI_ISL_444985|Original|hCoV-19^^^^Catalunya|Human|Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca|Hospital Universitari Vall d'Hebron|Anton|Spain
> Spike|hCoV-19/England/ALDP-BB3COD/2020|2020-11-19|EPI ISL 701788|Original|hCoV-19^^^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/Australia/VIC1663/2020|2020-05-14|EPI_ISL_456577|Original|hCoV-19^^^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
> Spike|hCoV-19/Australia/NSW2828/2020|2020-10-04|EPI_ISL_678352|Original|hCoV-19^^^^New South Wales|Human|Area of Virology|Virology Research Laboratory; Area of Virology|Foster|Australia
> Spike|hCoV-19/Switzerland/ZH-ETHZ-410026/2020|2020-12-16|EPI_ISL_737911|Original|hCoV-19^^^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
> Spike|hCoV-19/Spain/FV-ISCIII-201602/2020|2020-03-04|EPI_ISL_419709|Original|hCoV-19^^^^Basque Country|Human|HOSPITAL TXAGORRITXU|Instituto de Salud Carlos III|Caballero|Spain
> Spike|hCoV-19/Luxembourg/LNS6599503/2020|2020-12-15|EPI_ISL_744438|Original|hCoV-19^^^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
> Spike|hCoV-19/England/CAMC-C74609/2020|2020-12-15|EPI_ISL_769028|Original|hCoV-19^^^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/England/BRIS-124A34/2020|2020-03-25|EPI_ISL_443776|Original|hCoV-19^^^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
> Spike|hCoV-19/England/NORT-2956EE/2020|2020-04-01|EPI_ISL_488524|Original|hCoV-19^^^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Spain/PV-IBV-98007708/2020|2020-09-17|EPI_ISL_582085|Original|hCoV-19^^^^Basque Country|Human|Servicio de Microbiolog\u00eda|Hospital Universitario Donostia. OSI Donostialdea. |\u00c0rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
> Spike|hCoV-19/England/MILK-AC7CBC/2020|2020-10-21|EPI_ISL_629407|Original|hCoV-19^^^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/France/BRE-5363/2020|2020-03-24|EPI_ISL_443273|Original|hCoV-19^^^^Bretagne|Human|CHU - H\u00f4pital Cavale Blanche - Labo. de Virologie|National Reference Center for Viruses of Respiratory Infections|Enouf|France
> Spike|hCoV-19/USA/TX-HMH-MCoV-10026/2020|2020-07-06|EPI_ISL_789292|Original|hCoV-19^^^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19/South Africa/KRISP-K003466/2020|2020-09-13|EPI_ISL_602800|Original|hCoV-19^^^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
Spike|hCoV-19|Denmark|DCGC-21097/2020|2020-12-21|EPI_ISL_759553|Original|hCoV-19
> Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

Spike|hCoV-19|USA/WI-GMF-20970/2020|2020-09-18|EPI_ISL_660823|Original|hCoV-19
> Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

Spike|hCoV-19|Singapore/1345/2020|2020-06-09|EPI_ISL_648694|Original|hCoV-19
> Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

Spike|hCoV-19|England/QEUH-B823D5/2020|2020-11-14|EPI_ISL_668156|Original|hCoV-19
> England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19|England/CMAC-A41D1/2020|2020-10-06|EPI_ISL_609535|Original|hCoV-19
> England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Wales/PHWC-47EE3C/2020|2020-10-02|EPI_ISL_595598|Original|hCoV-19
> Wales|Human|Originating lab|COVID Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19|USA/MI-MDHHS-SC22503/2020|2020-11-16|EPI_ISL_708206|Original|hCoV-19
> Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

Spike|hCoV-19|Canada/QC-LSPQ-L00242867/2020|2020-03-27|EPI_ISL_536337|Original|hCoV-19
> Quebec|Human|CUSM-Site Glen-LAB Microbiologie|Laboratoire de santé\u00e9 public du Qu\u00e9bec|Moreira|Canada

Spike|hCoV-19|Gambia/GC19-1606/2020|2020-05-20|EPI_ISL_561027|Original|hCoV-19
> Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

Spike|hCoV-19|Wales/ALDP-A4FF3B/2020|2020-10-07|EPI_ISL_597794|Original|hCoV-19
> Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Switzerland/VD-ETHZ-110013/2020|2020-04-01|EPI_ISL_486453|Original|hCoV-19
> Vaud|Human|Volliere AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

Spike|hCoV-19|Wales/PHWC-16A003/2020|2020-09-06|EPI_ISL_535187|Original|hCoV-19
> Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19|England/NORW-F35F2/2020|2020-00-00|EPI_ISL_627075|Original|hCoV-19
> England|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

Spike|hCoV-19|USA/WI-UW-575/2020|2020-06-23|EPI_ISL_484950|Original|hCoV-19
> Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

Spike|hCoV-19|Norway/4309/2020|2020-10-07|EPI_ISL_775447|Original|hCoV-19
> Troms og Finnmark|Human|University Hospital of Northern Norway|Norwegian Institute of Public Health|Vollen|Norway

Spike|hCoV-19|USA/TX-HMH-MCoV-15469/2020|2020-10-23|EPI_ISL_786953|Original|hCoV-19
> Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/USA/NY-Wadsworth-11354-01/2020|2020-03-06|EPI_ISL_426047|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

Spike|hCoV-19/USA/LA-EVTLL850/2020|2020-07-28|EPI_ISL_653541|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

Spike|hCoV-19/England/CAMB-1AC3C0/2020|2020-04-29|EPI ISL_444391|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

Spike|hCoV-19/England/SHEF-C5122/2020|2020-10-17|EPI_ISL_611802|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

Spike|hCoV-19/Australia/VIC16469/2020|2020-09-04|EPI_ISL_640305|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

Spike|hCoV-19/England/CMAC-B33731/2020|2020-11-05|EPI ISL_659137|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/England/MILK-B8E3AC/2020|2020-11-13|EPI ISL_674022|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/England/OXON-B3585/2020|2020-03-24|EPI ISL_534867|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

Spike|hCoV-19/England/QEUH-96A0ED/2020|2020-08-15|EPI ISL_530876|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/USA/CA-CDPH087/2020|2020-08-05|EPI ISL_754938|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

Spike|hCoV-19/England/CAMB-1AEF8E/2020|2020-04-29|EPI ISL_459252|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Germany/SH-ChVir8311/2020|2020-07-23|EPI ISL_729573|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krambholz|Charite\u00e4tsmedizin Berlin|Muehlemann|Germany

Spike|hCoV-19/USA/VA-DCLS-0110/2020|2020-04-08|EPI ISL_434602|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacobs|USA

Spike|hCoV-19/Denmark/DCGC-8387/2020|2020-10-26|EPI ISL_617348|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

Spike|hCoV-19/Brazil/SC-0244/2020|2020-03-18|EPI ISL_470653|Original|hCoV-19^^Santa Catarina|Human|Hermes Pardini|Bioinformatics Laboratory / LNCC|Almeida|Brazil

Spike|hCoV-19/Japan/PG-3834/2020|2020-07-05|EPI ISL_692085|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan

Spike|hCoV-19/England/ALDP-A2EFAB/2020|2020-10-05|EPI ISL_586960|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/CAMB-1A0D8F/2020|2020-10-13|EPI ISL_610803|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/CAMB-7D824/2020|2020-04-06|EPI ISL_441684|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Sweden/20-24685/2020|2020-11-24|EPI ISL_710586|Original|hCoV-19^^Dalarna|Human|Orsa VC|The Public Health Agency of Sweden|Svartrstr\u00f6m|Sweden

Spike|hCoV-19/Wales/PHWC-27601/2020|2020-04-01|EPI ISL_432049|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
| Date       | Accession     | Location                        | Lab Name                                                | Source                            | Exceptional Information                                      |
|------------|---------------|---------------------------------|---------------------------------------------------------|-----------------------------------|----------------------------------------------------------------|
| 2020-10-11 | EPI_ISL_565552 | Oregon                          | Human                                                   | OHSU Lab Services Molecular Microbiology Lab | Oregon SARS-CoV-2 Genome Sequencing Center                          |
| 2020-06-19 | EPI_ISL_476018 | Missouri                        | Human                                                   | Washington University in St. Louis | Andersen lab at Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium                                   |
| 2020-11-08 | EPI_ISL_655552 | California                      | Human                                                   | Los Angeles County Public Health Laboratory | COVID-19 Genomics UK (COG-UK) Consortium                                   |
| 2020-11-13 | EPI_ISL_482342 | Virginia                        | Human                                                   | Virginia DCLS                      | COVID-19 Genomics UK (COG-UK) Consortium                                   |
| 2020-03-27 | EPI_ISL_443934 | England                         | Human                                                   | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Amato University                                                  |
| 2020-06-21 | EPI_ISL_569705 | Texas                           | Human                                                   | Texas Department of State Health Services | COVID-19 Genomics UK (COG-UK) Consortium                                   |
| 2020-04-11 | EPI_ISL_526929 | England                         | Human                                                   | Providence St. Joseph Health Molecular Genomics Laboratory | COVID-19 Genomics UK (COG-UK) Consortium                                   |
| 2020-07-30 | EPI_ISL_535567 | South Africa                    | Human                                                   | SA Pathology                       | COVID-19 Genomics UK (COG-UK) Consortium                                   |
| 2020-08-12 | EPI_ISL_492153 | Australia                       | Human                                                   | South Africa                       | COVID-19 Genomics UK (COG-UK) Consortium                                   |
| 2020-09-06 | EPI_ISL_687960 | Japan                           | Human                                                   | Pathogen Genomics Center           | COVID-19 Genomics UK (COG-UK) Consortium                                   |
| 2020-09-06 | EPI_ISL_687960 | Japan                           | Human                                                   | Pathogen Genomics Center           | COVID-19 Genomics UK (COG-UK) Consortium                                   |
| 2020-07-20 | EPI_ISL_443934 | England                         | Human                                                   | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Amato University                                                  |
| 2020-07-30 | EPI_ISL_593365 | Oregon                          | Human                                                   | Oregon Health Authority            | COVID-19 Genomics UK (COG-UK) Consortium                                   |
| 2020-08-18 | EPI_ISL_788083 | Texas                           | Human                                                   | Houston Methodist Hospital         | COVID-19 Genomics UK (COG-UK) Consortium                                   |
| 2020-07-09 | EPI_ISL_635435 | South Africa                    | Human                                                   | San Diego County Public Health Laboratory | COVID-19 Genomics UK (COG-UK) Consortium                                   |
| 2020-07-03 | EPI_ISL_499679 | England                         | Human                                                   | Manchester University              | COVID-19 Genomics UK (COG-UK) Consortium                                   |
| 2020-09-21 | EPI_ISL_535567 | Australia                       | Human                                                   | SA Pathology                       | COVID-19 Genomics UK (COG-UK) Consortium                                   |
| 2020-07-30 | EPI_ISL_593365 | Oregon                          | Human                                                   | Oregon Health Authority            | COVID-19 Genomics UK (COG-UK) Consortium                                   |
| 2020-07-29 | EPI_ISL_635435 | South Africa                    | Human                                                   | San Diego County Public Health Laboratory | COVID-19 Genomics UK (COG-UK) Consortium                                   |
| 2020-07-09 | EPI_ISL_635435 | South Africa                    | Human                                                   | San Diego County Public Health Laboratory | COVID-19 Genomics UK (COG-UK) Consortium                                   |
| 2020-07-03 | EPI_ISL_499679 | England                         | Human                                                   | Manchester University              | COVID-19 Genomics UK (COG-UK) Consortium                                   |
> Spike|hCoV-19|England|MILK-9A8010|2020|2020-09-02|EPI_ISL_572821|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
> Spike|hCoV-19|USA/TX-HMH-MCoV-12139|2020|2020-09-21|EPI_ISL_790218|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19|USA/WI-UW-982|2020|2020-07-21|EPI_ISL_509978|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
> Spike|hCoV-19|Scotland/EDB5107|2020|2020-03-31|EPI_ISL_453187|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
> Spike|hCoV-19|Luxembourg/LNS0028165|2020|2020-11-03|EPI_ISL_739699|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\'u00e9|Laboratoire national de sant\'u00e9|Wienecke-Baldacchino|Luxembourg
> Spike|hCoV-19|Canada/ON-PHL-U8150|2020|2020-03-00|EPI_ISL_418355|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratories|Public Health Ontario Laboratories|Eshaghi|Canada
> Spike|hCoV-19|Switzerland/BE-ETHZ-410889|2020|2020-12-16|EPI_ISL_737746|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
> Spike|hCoV-19|England|MILK-97121A|2020|2020-08-18|EPI_ISL_553050|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England/MILK-C6F461|2020|2020-12-13|EPI_ISL_778538|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|England/MILK-AB8E21|2020|2020-10-21|EPI_ISL_623771|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England/MILK-19|2020|2019-12-31|EPI_ISL_540614|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
> Spike|hCoV-19|USA/IL-UW-1521|2020|2020-09-14|EPI_ISL_541548|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
> Spike|hCoV-19|USA/WI-UW-798|2020|2020-07-06|EPI_ISL_495502|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
> Spike|hCoV-19|USA/TX-HMH-2795|2020|2020-06-08|EPI_ISL_545559|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19|England/CAMC-B32ADF|2020|2020-11-05|EPI_ISL_659574|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|USA/AZ-TG569503|2020|2020-07-10|EPI_ISL_695587|Original|hCoV-19^^Arizona|Human|AZ SHPL|TGen North|French|USA
> Spike|hCoV-19|USA/NY-MSK-9B1|2020|2020-03-19|EPI_ISL_583464|Vero e6 Pl|hCoV-19^^New York|Human|Garcia-Sastre Laboratory|van Bakel Laboratory|van Bakel|USA
> Spike|hCoV-19|Denmark/DGCC-20550|2020|2020-12-21|EPI_ISL_758742|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark
> Spike|hCoV-19|USA/MN-MDH-1823|2020|2020-09-10|EPI_ISL_602958|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA
> Spike|hCoV-19|England/ALDP-A6F788|2020|2020-10-14|EPI_ISL_606949|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Australia/VIC12908/2020|2020-07-28|EPI_ISL_641120|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

Spike|hCoV-19|England/CAMB-7F770/2020|2020-04-08|EPI_ISL_443049|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

Spike|hCoV-19|Austria/CeMM0960/2020|2020-03-29|EPI_ISL_583809|Original|hCoV-19^^Austria|Human|Dr. Gerhard Walder GmbH|Bergthaler laboratory|Bergthaler|Austria

Spike|hCoV-19|Singapore/1404/2020|2020-11-07|EPI_ISL_645131|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Ma|Singapore

Spike|hCoV-19|India/OR-ILSCV32816/2020|2020-06-04|EPI_ISL_481165|Original|hCoV-19^^Odisha|Human|Immunogenomics lab|Immunogenomics lab|RagHAV|India

Spike|hCoV-19|USA/TX-DSHS-0036/2020|2020-05-07|EPI_ISL_517969|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

Spike|hCoV-19|Bangladesh/BCSIR-NILMRC-359/2020|2020-07-24|EPI_ISL_514233|Original|hCoV-19^^Chittagong|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

Spike|hCoV-19|England/NOTT-11431E/2020|2020-10-07|EPI_ISL_577159|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

Spike|hCoV-19|mink/Netherlands/NB-EMC-68-4/2020|2020-11-03|EPI_ISL_722320|Original|hCoV-19^^Limburg|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

Spike|hCoV-19|Switzerland/BL-ETHZ-170006/2020|2020-06-26|EPI_ISL_486521|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

Spike|hCoV-19|Japan/PG-4206/2020|2020-07-00|EPI_ISL_692444|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

Spike|hCoV-19|England/ALDP-A8527C/2020|2020-10-17|EPI_ISL_610528|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Wales/PHWC-160B84/2020|2020-05-21|EPI_ISL_473022|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19|Denmark/DCGC-8504/2020|2020-10-26|EPI_ISL_625901|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

Spike|hCoV-19|Japan/PG-2820/2020|2020-04-00|EPI_ISL_690947|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

Spike|hCoV-19|USA/FL-BPHL-0182/2020|2020-04-03|EPI_ISL_480833|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

Spike|hCoV-19|England/MILK-B04AD6/2020|2020-10-24|EPI_ISL_651331|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

Spike|hCoV-19|England/QEUH-9FB4D6/2020|2020-09-28|EPI_ISL_588091|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Canada/NS-NML-1353/2020|2020-04-13|EPI_ISL_579730|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

Spike|hCoV-19|USA/WA-S1175/2020|2020-05-05|EPI_ISL_463665|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

Spike|hCoV-19|England/ALDP-9EA391/2020|2020-09-24|EPI_ISL_580200|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
| Location                  | Institution                                                                 | Additional Information                                                                 |
|---------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| Wisconsin, USA            | University of Wisconsin                                                      | Department of Clinical Microbiology/GIGA Medical Genomics                                |
| England, England          | Human/Lighthouse Lab in Milton Keynes                                       | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium                |
| Australia                 | NSW1328                                                                       | Human/St Vincent's Pathology (SydPath) NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney; Gall; Australia |
| England, England          | Human/Department of Public Health and Environment                             | Lighthouse Lab in Milton Keynes; Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium |
| England, England          | Human/Lighthouse Lab in Glasgow                                              | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium                |
| Hovedstaden, Denmark      | Human/Department of Virus and Microbiological Special Diagnostics/Albertsen Lab | Michaelelsen; Denmark                                                                    |
| California, USA           | Human/UCSF Clinical Microbiology Laboratory                                  | Chan-Zuckerberg Biohub/Kamm; USA                                                          |
| England, England          | Human/Lighthouse Lab in Glasgow                                              | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium                |
| Colorado, USA             | Human/Colorado Department of Public Health and Environment                    | Colorado Department of Public Health and Environment; Bankers; USA                         |
| Wisconsin, USA            | Human/University of Wisconsin-Manadis AIDS Vaccine Research                   | Department of Virus and Microbiological Special Diagnostics/Albertsen Lab; Michaelelsen; Denmark |
| England, England          | Human/Lighthouse Lab in Milton Keynes                                       | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium                |
| England, England          | Human/Lighthouse Lab in Milton Keynes                                       | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium                |
| London, UK                | Human/Department of Virus and Microbiological Special Diagnostics/Albertsen Lab | Michaelelsen; Denmark                                                                    |
| London, UK                | Human/Department of Virus and Microbiological Special Diagnostics/Albertsen Lab | Michaelelsen; Denmark                                                                    |
| England, England          | Human/Department of Virus and Microbiological Special Diagnostics/Albertsen Lab | Michaelelsen; Denmark                                                                    |
| England, England          | Human/Lighthouse Lab in Milton Keynes                                       | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium                |
| England, Wisconsin        | Human/University of Wisconsin-Manadis AIDS Vaccine Research                   | Department of Virus and Microbiological Special Diagnostics/Albertsen Lab; Michaelelsen; Denmark |
| England, England          | Human/Lighthouse Lab in Milton Keynes                                       | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium                |
| England, England          | Human/Lighthouse Lab in Milton Keynes                                       | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium                |
| North Carolina            | Human/University of Wisconsin-Manadis AIDS Vaccine Research                   | Department of Virus and Microbiological Special  Diagnostics/Albertsen Lab; Michaelelsen; Denmark |
| England, England          | Human/Lighthouse Lab in Milton Keynes                                       | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium                |
| England, England          | Human/Lighthouse Lab in Milton Keynes                                       | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium                |
| England, England          | Human/Lighthouse Lab in Milton Keynes                                       | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium                |
| England, England          | Human/Lighthouse Lab in Milton Keynes                                       | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium                |
| England, England          | Human/Lighthouse Lab in Milton Keynes                                       | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium                |
| England, Wisconsin        | Human/University of Wisconsin-Manadis AIDS Vaccine Research                   | Department of Virus and Microbiological Special  Diagnostics/Albertsen Lab; Michaelelsen; Denmark |
19\^\text{Wisconsin}\text|\text{Human}|\text{University of Wisconsin}

19\^\text{York}\text|\text{Human}|\text{NYC Department of Health and Mental Hygiene|\text{Pathogen Discovery}

19\^\text{Comunitat Valenciana}\text|\text{Human}|\text{Servicio de Microbiologia|\text{Universidad de Castell}

19\^\text{Sergipe}\text|\text{Human}|\text{LACEN/SE|Laboratory of Respiratory Viruses and Measles}

19\^\text{Florida}\text|\text{Human}|\text{Florida Bureau of Public Health Laboratories}

19\^\text{England}\text|\text{Human}|\text{Lighthouse Lab in Glasgow|Wellcome S\text{anger Institute for the COVID-19}

19\^\text{France}\text|\text{Human}|\text{Department of Health Scientific Laboratory|Malone|\text{USA}

19\^\text{New Zealand}\text|\text{Human}|\text{New Mexico Department of Health and Human Services|Blankenship|\text{USA}

19\^\text{Texas}\text|\text{Human}|\text{Department of Health and Human Services|\text{Michigan}

19\^\text{Spain}\text|\text{Human}|\text{Madison AIDS Vaccine Research}

19\^\text{England}\text|\text{Human}|\text{Wellcome S\text{anger Institute for the COVID-19}

19\^\text{Australia}\text|\text{Human}|\text{Wellcome S\text{anger Institute for the COVID-19}

19\^\text{England}\text|\text{Human}|\text{Wellcome S\text{anger Institute for the COVID-19}

19\^\text{France}\text|\text{Human}|\text{Public Health Laboratory (MDU}

19\^\text{England}\text|\text{Human}|\text{Wellcome S\text{anger Institute for the COVID-19}

19\^\text{England}\text|\text{Human}|\text{Wellcome S\text{anger Institute for the COVID-19}

19\^\text{England}\text|\text{Human}|\text{Wellcome S\text{anger Institute for the COVID-19}

19\^\text{England}\text|\text{Human}|\text{Wellcome S\text{anger Institute for the COVID-19}

19\^\text{England}\text|\text{Human}|\text{Wellcome S\text{anger Institute for the COVID-19}

19\^\text{New Mexico}\text|\text{Human}|\text{New Mexico Department of Health Scientific Laboratory}

19\^\text{England}\text|\text{Human}|\text{Wellcome S\text{anger Institute for the COVID-19}

19\^\text{England}\text|\text{Human}|\text{Wellcome S\text{anger Institute for the COVID-19}

19\^\text{England}\text|\text{Human}|\text{Wellcome S\text{anger Institute for the COVID-19}

19\^\text{England}\text|\text{Human}|\text{Wellcome S\text{anger Institute for the COVID-19}

19\^\text{England}\text|\text{Human}|\text{Wellcome S\text{anger Institute for the COVID-19}

19\^\text{Brazil}\text|\text{Human}|\text{Florida Bureau of Public Health Laboratories}

19\^\text{Spain}\text|\text{Human}|\text{Laboratory of Respiratory Viruses and Measles|\text{Silva|\text{Brazil}

19\^\text{Spain}\text|\text{Human}|\text{Madrid AIDS Vaccine Research}

19\^\text{New York}\text|\text{Human}|\text{NYC Department of Health and Mental Hygiene|\text{Pathogen Discovery|\text{Queen|\text{USA}

19\^\text{Wisconsin}\text|\text{Human}|\text{University of Wisconsin-Madison Campus AIDS Vaccine Research
Spike|hCoV-19|England|PORT-2CF636/2020|2020-06-02|EPI_ISL_475239|Original|hCoV-19

Spike|hCoV-19|England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

Spike|hCoV-19|England|NORT-2827E1/2020|2020-03-28|EPI_ISL_488718|Original|hCoV-19

Spike|hCoV-19|England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Wales|PHWC-267A5/2020|2020-03-28|EPI_ISL_422129|Original|hCoV-19

Spike|hCoV-19|Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

Spike|hCoV-19|France|ARA-SC155/2020|2020-03-10|EPI_ISL_700350|Original|hCoV-19

Spike|hCoV-19|France|Human|Auvergne-Rh\u00f4ne-Alpes|Human|Laboratoire de virologie|CNR Virus des Infections Respiratoires - France SUD|Bal|France

Spike|hCoV-19|Denmark|DGCC-18466/2020|2020-12-07|EPI_ISL_749984|Original|hCoV-19

Spike|hCoV-19|Denmark|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

Spike|hCoV-19|Netherlands|NB-RIVM-10294/2020|2020-09-21|EPI_ISL_636549|Original|hCoV-19

Spike|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|England|QUEUH-B8227E/2020|2020-11-14|EPI_ISL_661659|Original|hCoV-19

Spike|hCoV-19|England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Wales|PHWC-356A6/2020|2020-04-25|EPI_ISL_474460|Original|hCoV-19

Spike|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19|England|CAMB-7BEAC/2020|2020-04-05|EPI_ISL_470471|Original|hCoV-19

Spike|hCoV-19|England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|England|NORW-F40A5/2020|2020-10-09|EPI_ISL_725187|Original|hCoV-19

Spike|hCoV-19|England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

Spike|hCoV-19|Denmark|DCGC-10792/2020|2020-11-02|EPI_ISL_670211|Original|hCoV-19

Spike|hCoV-19|Australia|VIC14072/2020|2020-09-16|EPI_ISL_563955|Original|hCoV-19

Spike|hCoV-19|Australia|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

Spike|hCoV-19|Chongqing|YC01/2020|2020-01-21|EPI_ISL_408478|Original|hCoV-19

Spike|hCoV-19|Chongqing|Human|Yongchuan District Center for Disease Control and Prevention|Ye|China

Spike|hCoV-19|Northern Ireland|NIRE-FB4DC/2020|2020-04-10|EPI_ISL_459390|Original|hCoV-19

Spike|hCoV-19|Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|England|20121240/2020|2020-03-09|EPI_ISL_464671|Original|hCoV-19

Spike|hCoV-19|England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

Spike|hCoV-19|England|ALDP-BC67F7/2020|2020-11-22|EPI_ISL_721493|Original|hCoV-19

Spike|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|England|ALDP-921C93/2020|2020-06-23|EPI_ISL_553334|Original|hCoV-19

Spike|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|USA|TX-HMH-1836/2020|2020-05-13|EPI_ISL_542873|Original|hCoV-19

Spike|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19|Italy|APU-PODV-15716050/2020|2020-04-22|EPI_ISL_788945|Original|hCoV-19

Spike|hCoV-19|Apulia|Human|Ospedale Di Venere|Beaconlab (Bioinformatics)|Chiara|Italy
Spike|hCoV-19|England/ALDP-A6C457/2020|2020-10-14|EPI_ISL_608145|Original|hCoV-19|England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|South Africa/NHLS-UCT-GS-2083/2020|2020-09-22|EPI_ISL_640127|Original|hCoV-19|Western Cape|Human|2 Military Hospital wc MA|NHLS/UCT|Iranzadeh|South Africa

Spike|hCoV-19|England/ALDP-94B6B6/2020|2020-06-11|EPI_ISL_555771|Original|hCoV-19|England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Wales/PHWC-162618/2020|2020-05-30|EPI_ISL_473099|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19|England/ALDP-B3D8AD/2020|2020-10-30|EPI_ISL_679838|Original|hCoV-19|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

Spike|hCoV-19|England/EXET-1358BE/2020|2020-04-15|EPI_ISL_457112|Original|hCoV-19|England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

Spike|hCoV-19|England/NOTT-10EASE/2020|2020-03-29|EPI_ISL_425630|Original|hCoV-19|England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

Spike|hCoV-19|England/ALDP-A85090/2020|2020-10-16|EPI_ISL_610376|Original|hCoV-19|England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|England/ALDP-8CF454/2020|2020-06-26|EPI_ISL_557078|Original|hCoV-19|England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|England/ALDP-B3B04D/2020|2020-11-01|EPI_ISL_679737|Original|hCoV-19|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

Spike|hCoV-19|Scotland/CVR3006/2020|2020-04-23|EPI_ISL_493829|Original|hCoV-19|Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

Spike|hCoV-19|England/NORW-EOF08P/2020|2020-05-14|EPI_ISL_512375|Original|hCoV-19|England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Ali Khan|United Kingdom

Spike|hCoV-19|United Kingdom/WMF-26654|2020-10-19|EPI_ISL_660957|Original|hCoV-19|Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

Spike|hCoV-19|Wales/ALDP-BBA705/2020|2020-11-20|EPI_ISL_710719|Original|hCoV-19|Wales|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Denmark/ALAB-HH60/2020|2020-03-17|EPI_ISL_429306|Original|hCoV-19|Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

Spike|hCoV-19|Wales/PHWC-16AAD8/2020|2020-09-11|EPI_ISL_560152|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19|United Kingdom/WMF-1158|2020-08-13|EPI_ISL_522914|Original|hCoV-19|Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/Denmark/DCGC-11961/2020|2020-09-14|EPI_ISL_670652|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Netherlands/GE-EMC-344/2020|2020-10-20|EPI_ISL_632743|Original|hCoV-19^^Nordjylland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/England/QEUH-C31529/2020|2020-12-11|EPI_ISL_731499|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/DCGC-20819/2020|2020-12-21|EPI_ISL_759384|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Japan/PG-5039/2020|2020-07-00|EPI_ISL_690150|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Tokyo|Japan
>Spike|hCoV-19/Scotland/EDB3572/2020|2020-04-27|EPI_ISL_487780|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/EXET-1353DB/2020|2020-04-03|EPI_ISL_457054|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMB-79239/2020|2020-04-03|EPI_ISL_441058|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/England/CAMB-73FPCP/2020|2020-03-19|EPI_ISL_440304|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/England/EXET-1353DB/2020|2020-04-03|EPI_ISL_457054|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/LA-GBCl-26513049/2020|2020-04-21|EPI_ISL_485089|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA
>Spike|hCoV-19/England/OXON-B0C29/2020|2020-04-00|EPI_ISL_478947|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) consortium|Golubchik|United Kingdom
>Spike|hCoV-19/England/QEUH-C341E6/2020|2020-12-08|EPI_ISL_734131|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMC-949327/2020|2020-07-18|EPI_ISL_556767|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Switzerland/BS-UHB-42190783/2020|2020-03-14|EPI_ISL_528076|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Rolloff Handschin|Switzerland
>Spike|hCoV-19/Italy/APU-IZSPB_264PT/2020|2020-11-02|EPI_ISL_653776|Original|hCoV-19^^Apulia|Human|I.R.C.C.S. \ S. De Bellis\ - Ente Ospedaliero|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy
>Spike|hCoV-19/USA/LA-EVTPL24/2020|2020-07-02|EPI_ISL_579028|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spike|hCoV-19/Austria/CeMM0055/2020|2020-03-27|EPI_ISL_437937|Original|hCoV-19^^Innsbruck|Human|Universitaetsklinik f\u00fcr Innere Medizin II|Innsbruck|Berghthaler laboratory|Bergthaler|Austria
>Spike|hCoV-19/England/QEUH-9C8A49/2020|2020-09-10|EPI_ISL_567006|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-9554/2020|2020-11-09|EPI_ISL_669036|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/United Arab Emirates/0837/2020|2020-05-19|EPI_ISL_698976|Original|hCoV-19^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodko|United Arab Emirates
>Spieke|hCoV-19/USA/TX-HMH-MCoV-19359/2020|2020-11-27|EPI_ISL_783790|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spieke|hCoV-19/USA/WI-UW-1104/2020|2020-07-23|EPI_ISL_516529|Original|hCoV-19^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spieke|hCoV-19/USA/TX-HMH-MCoV-18183/2020|2020-11-12|EPI_ISL_784531|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spieke|hCoV-19/USA/OR-OHSU-2233/2020|2020-08-07|EPI_ISL_667154|Original|hCoV-19^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA
>Spieke|hCoV-19/Scotland/QEUH-548007/2020|2020-05-14|EPI_ISL_533421|Original|hCoV-19^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Fairley|United Kingdom
>Spieke|hCoV-19/Northern Ireland/NIRE-235747/2020|2020-11-12|EPI_ISL_742136|Original|hCoV-19^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spieke|hCoV-19/Canada/BC_15467213/2020|2020-04-00|EPI_ISL_468668|Original|hCoV-19^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada
>Spieke|hCoV-19/Australia/VIC3047/2020|2020-07-06|EPI_ISL_520760|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spieke|hCoV-19/Netherlands/GE-RIVM-20735/2020|2020-12-20|EPI_ISL_790801|Original|hCoV-19^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spieke|hCoV-19/USA/CO-CDC-5667/2020|2020-03-08|EPI_ISL_452128|Original|hCoV-19^Colorado|Human|CO Department of Public Health and Environment|Pathogen Discovery|Queen|USA
>Spieke|hCoV-19/England/EXET-13AB29/2020|2020-11-07|EPI_ISL_665087|Original|hCoV-19^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spieke|hCoV-19/Wales/PHWC-16975A/2020|2020-03-23|EPI_ISL_512507|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spieke|hCoV-19/USA/VA-DCLS-1398/2020|2020-07-13|EPI_ISL_572238|Original|hCoV-19^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacobs|USA
>Spieke|hCoV-19/Japan/PG-2133/2020|2020-04-00|EPI_ISL_685738|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spieke|hCoV-19/England/CAMC-BOAC07/2020|2020-10-29|EPI_ISL_643605|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spieke|hCoV-19/USA/AZ-TG371353/2020|2020-05-23|EPI_ISL_694595|Original|hCoV-19^Arizona|Human|AZ SPHL|TGen North|French|USA
>Spieke|hCoV-19/USA/CA-CZB-7137/2020|2020-09-01|EPI_ISL_648479|Original|hCoV-19^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA
>Spieke|hCoV-19/England/CAMB-7D183/2020|2020-04-07|EPI_ISL_442339|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spieke|hCoV-19/England/BRIS-12F2B9/2020|2020-04-13|EPI_ISL_488237|Original|hCoV-19^England|Human|EHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spieke|hCoV-19/USA/FL-BPHL-1958/2020|2020-04-13|EPI_ISL_653111|Original|hCoV-19^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/Wales/PHWC-30B7F/2020|2020-04-10|EPI-ISL_446328|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology
Cardiff|Moore|United Kingdom

> Spike|hCoV-19/USA/CA-CZB-11870/2020|2020-09-08|EPI-ISL_625622|Original|hCoV-19|California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

> Spike|hCoV-19/USA/WA-S1517/2020|2020-05-23|EPI-ISL_495943|Original|hCoV-19|Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

> Spike|hCoV-19/Switzerland/GE-ETHZ-320597/2020|2020-10-12|EPI-ISL_737755|Original|hCoV-19|Geneva|Human|VioUer AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

> Spike|hCoV-19/USA/MA-MGH-03116/2020|2020-08-14|EPI-ISL_765708|Original|hCoV-19|Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

> Spike|hCoV-19/Australia/VIC8933/2020|2020-07-23|EPI-ISL_565288|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

> Spike|hCoV-19/Ireland/D-SVUH-R9596/2020|2020-04-29|EPI-ISL_596676|Original|hCoV-19|Dublin|Human|St. Vincent's University Hospital|St. Vincent's University Hospital|Gonzalez|Ireland

> Spike|hCoV-19/England/ALDP-B5D977/2020|2020-11-09|EPI-ISL_705532|Original|hCoV-19|England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

> Spike|hCoV-19/Spain/IB-IBV-2519/2020|2020-03-20|EPI-ISL_468967|Original|hCoV-19|Illes Balears|Human|Servicio de Microbiologia\u00eda|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

> Spike|hCoV-19/England/QEUH-AE5395/2020|2020-10-27|EPI-ISL_633396|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/England/CAMB-1B6CA5/2020|2020-11-19|EPI-ISL_679218|Original|hCoV-19|England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

> Spike|hCoV-19/Switzerland/VS-ETHZ-100326/2020|2020-03-18|EPI-ISL_574972|Original|hCoV-19|Englan|d|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/Scotland/QEUH-B12FF4/2020|2020-11-03|EPI-ISL_649496|Original|hCoV-19|Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/Australia/VIC2930/2020|2020-07-06|EPI-ISL_521761|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

> Spike|hCoV-19/USA/CA-CZB-3258/2020|2020-07-15|EPI-ISL_548320|Original|hCoV-19|California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

> Spike|hCoV-19/Japan/PG-2954/2020|2020-04-00|EPI-ISL_691080|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

> Spike|hCoV-19/England/QEUH-B2E256/2020|2020-11-03|EPI-ISL_646310|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/England/20139027404/2020|2020-03-26|EPI-ISL_421904|Original|hCoV-19|England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

> Spike|hCoV-19/USA/CT-Yale-051/2020|2020-03-26|EPI-ISL_428390|Original|hCoV-19|Connecticut|Human|Yale COVID-19 Biorepository|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

> Spike|hCoV-19/Wales/PHWC-48985E/2020|2020-10-23|EPI-ISL_652415|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/USA/WA-UW-47379/2020|2020-12-14|EPI-ISL_776714|Original|hCoV-19|Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19|England/ALDP-A6E6C8/2020|2020-10-15|EPI_ISL_607217|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19|England/LIVE-9ED75/2020|2020-04-12|EPI_ISL_453332|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spik|hCoV-19|England/ALDP-A670EF/2020|2020-10-12|EPI_ISL_630638|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19|Sweden/20-50101/2020|2020-03-03|EPI_ISL_454879|Original|hCoV-19^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svarstr|006|Sweden

>Spik|hCoV-19|Luxembourg/LNS0418639/2020|2020-08-24|EPI_ISL_574786|Original|hCoV-19^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spik|hCoV-19|England/MILK-B56B69/2020|2020-11-06|EPI_ISL_656910|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19|England/CAMC-B5174C/2020|2020-11-08|EPI_ISL_658125|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19|England/QUEU-9F60D7/2020|2020-09-25|EPI_ISL_588811|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19|Wales/PHWC-16D78/2020|2020-05-18|EPI_ISL_494153|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spik|hCoV-19|USA/WA-UW-7160/2020|2020-04-11|EPI_ISL_570172|Original|hCoV-19^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spik|hCoV-19|England/BRS-128B3D/2020|2020-04-14|EPI_ISL_458745|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19|USA/TX-DSHS-1615/2020|2020-09-30|EPI_ISL_700739|Original|hCoV-19^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spik|hCoV-19|Brazil/RJ-2195/2020|2020-04-17|EPI_ISL_467348|Original|hCoV-19^Rio de Janeiro|Human|Laboratory of Respiratory Viruses and Measles|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spik|hCoV-19|Denmark/DGCC-14153/2020|2020-11-30|EPI_ISL_711594|Original|hCoV-19^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelson|Denmark

>Spik|hCoV-19|USA/LA-EVTL401/2020|2020-06-04|EPI_ISL_578807|Original|hCoV-19^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spik|hCoV-19|Australia/NSW220/2020|2020-03-26|EPI_ISL_451486|Original|hCoV-19^New South Wales|Human|Australian Clinical Labs|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spik|hCoV-19|England/OXON-B3628/2020|2020-04-06|EPI_ISL_534874|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spik|hCoV-19|USA/CA-CZB-10948/2020|2020-09-15|EPI_ISL_583034|Original|hCoV-19^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spik|hCoV-19|USA/TX-HMH-MCoV-9647/2020|2020-07-06|EPI_ISL_780201|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spik|hCoV-19/Luxembourg/LNS0418639/2020|2020-11-23|EPI_ISL_739771|Original|hCoV-19^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spik|hCoV-19/Japan/IC-0246/2020|2020-10-06|EPI_ISL_667675|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seizukaza|Japan
Spike|hCoV-19|England|ALDP-9E6BE8|2020|2020-09-24|EPI_ISL_580284|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|mink|Netherlands|NB-EMC-65-1|2020-10-14|EPI_ISL_632489|Original|hCoV-19|Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

Spike|hCoV-19|Wales|PHWC-48AAG75|2020|2020-11-04|EPI_ISL_665799|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19|South Africa|NHLS-UCT-GS-1079|2020|2020-10-29|EPI_ISL_700464|Original|hCoV-19|Western Cape|Human|Khayelitsha Clinic wc KLC|NHLS/UCT|Iransadeh|South Africa

Spike|hCoV-19|Wales|ALDP-9BE123|2020|2020-09-09|EPI_ISL_567895|Original|hCoV-19|Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|USA/OR-CD-2|3714464|2020|2020-11-28|EPI_ISL_751689|Original|hCoV-19|Oregon|Human|OR State PHL-Virology/Immunology Section|Genomics and Discovery|Queen|USA

Spike|hCoV-19|USA/PR-QDX|1074|2020|2020-03-20|EPI_ISL_571899|Original|hCoV-19|Puerto Rico|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

Spike|hCoV-19|Wales|PHHC-47D0FB|2020|2020-10-06|EPI_ISL_586099|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19|Australia/VIC|14558|2020|2020-08-28|EPI_ISL_592893|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

Spike|hCoV-19|Singapore/830|2020|2020-03-12|EPI_ISL_516802|Original|hCoV-19|Singapore|Human|Department of Laboratory Medicine, nTan Tock Seng Hospital|Department of Laboratory Medicine, nTan Tock Seng Hospital|Chen|Singapore

Spike|hCoV-19|England/ALDP-9BEDE|2020|2020-09-24|EPI_ISL_584175|Original|hCoV-19|England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

Spike|hCoV-19|Australia/VIC|1134|2020|2020-04-08|EPI_ISL_430600|Original|hCoV-19|Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

Spike|hCoV-19|Japan/PG-2758|2020|2020-04-00|EPI_ISL_690890|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

Spike|hCoV-19|USA/NY-Wadsworth-16115|2020|2020-03-15|EPI_ISL_676738|Original|hCoV-19|New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

Spike|hCoV-19|USA/WI-UW-2059|2020|2020-09-23|EPI_ISL_677464|Original|hCoV-19|Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

Spike|hCoV-19|USA/TX-HMH-6726|2020|2020-06-25|EPI_ISL_546196|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19|England/ALDP-B1BD7|2020|2020-11-01|EPI_ISL_646079|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19|Denmark/DGCC-14057|2020|2020-11-30|EPI_ISL_711203|Original|hCoV-19|Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelson|Denmark

Spike|hCoV-19|England/PORT-2D220F|2020|2020-03-22|EPI_ISL_613285|Original|hCoV-19|England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

Spike|hCoV-19|USA/MD-HPO0039|2020|2020-03-16|EPI_ISL_457754|Original|hCoV-19|Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Ramakrishnan|USA
>Spike|hCoV-19/Australia/ACT0050/2020|2020-03-24|EPI_ISL_498517|Original|hCoV-19
>Australia|Human|ACT Pathology|Schwessinger Lab|Hall|Australia

>Spike|hCoV-19/England/QEUH-98FB3C/2020|2020-08-26|EPI_ISL_539934|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0840/2020|2020-04-00|EPI_ISL_684450|Original|hCoV-19
>Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUH-9DC6E4/2020|2020-09-21|EPI_ISL_581017|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MIILK-5605FB/2020|2020-06-10|EPI_ISL_558258|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5705/2020|2020-11-09|EPI_ISL_651923|Original|hCoV-19
>Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-A8A9FA/2020|2020-10-15|EPI_ISL_638867|Original|hCoV-19
>England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Ireland/D-SVUH-R5460/2020|2020-03-25|EPI_ISL_596642|Original|hCoV-19
>Dublin|Human|St.Vincent's University Hospital|St.Vincent's University Hospital|Gonzalez|Ireland

>Spike|hCoV-19/England/ALDP-B58751/2020|2020-11-09|EPI_ISL_655560|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2390/2020|2020-05-31|EPI_ISL_514793|Original|hCoV-19
>South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/CAMC-B34590/2020|2020-11-05|EPI_ISL_659553|Original|hCoV-19
>England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-969CBD/2020|2020-08-12|EPI_ISL_530917|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2F5A46/2020|2020-09-00|EPI_ISL_703446|Original|hCoV-19
>England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Denmark/DGCC-3012/2020|2020-08-24|EPI_ISL_616790|Original|hCoV-19
>Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MIILK-AC8E5B/2020|2020-10-22|EPI_ISL_629698|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-98FB3C/2020|2020-08-26|EPI_ISL_617823|Original|hCoV-19
>Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A85634/2020|2020-10-17|EPI_ISL_610368|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2F836/2020|2020-10-06|EPI_ISL_587157|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG666130/2020|2020-05-01|EPI_ISL_696215|Original|hCoV-19
>Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Scotland/QEUH-95ECF7/2020|2020-08-08|EPI_ISL_532414|Original|hCoV-19
>Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-
University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/MA-MASPFL-00386/2020|2020-04-26|EPI_ISL_693158|Original|hCoV-19^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA
> Spike|hCoV-19/South Korea/KDCA0445/2020|2020-11-14|EPI_ISL_760229|Original|hCoV-19^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea
> Spike|hCoV-19/Scotland/QEUH-AD66E9/2020|2020-10-26|EPI_ISL_649742|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/CAMB-81AFA/2020|2020-04-11|EPI_ISL_442555|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
> Spike|hCoV-19/England/ALDP-B1A77C/2020|2020-11-01|EPI_ISL_645771|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/CAMC-B21A3D/2020|2020-11-02|EPI_ISL_647398|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Scotland/QEUH-96D4EE/2020|2020-08-19|EPI_ISL_534609|Original|hCoV-19^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/UT-QDX-1852/2020|2020-03-16|EPI_ISL_604168|Original|hCoV-19^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
> Spike|hCoV-19/England/MILK-99A9F8/2020|2020-08-29|EPI_ISL_550394|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/MILK-A18117/2020|2020-10-01|EPI_ISL_595019|Original|hCoV-19^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/TX-HMH-MCoV-9678/2020|2020-07-04|EPI_ISL_780220|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19/USA/CA-ALSR-2644/2020|2020-07-10|EPI_ISL_635609|Original|hCoV-19^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
> Spike|hCoV-19/Brazil/MG-0215/2020|2020-03-19|EPI_ISL_470581|Original|hCoV-19^Minas Gerais|Human|Hermes Pardini|Bioinformatics Laboratory / LNCC|Almeida|Brazil
> Spike|hCoV-19/England/ALDP-C3BC48/2020|2020-12-11|EPI_ISL_731772|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/MILK-970697/2020|2020-08-17|EPI_ISL_553124|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/India/KA-nimh-19716/2020|2020-05-16|EPI_ISL_515973|Original|hCoV-19^Karnataka|Human|MIMS|Department of Neurovirology|Pattabiraman|India
> Spike|hCoV-19/Germany/BY-MVP-0069/2020|2020-03-25|EPI_ISL_437265|Original|hCoV-19^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany
> Spike|hCoV-19/Scotland/QEUH-A79044/2020|2020-10-13|EPI_ISL_638989|Original|hCoV-19^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
> Spike|hCoV-19/England/QEUH-CABDBB9/2020|2020-12-20|EPI_ISL_760970|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/South Africa/KRISP-0245/2020|2020-06-14|EPI_ISL_482726|Original|hCoV-19^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
>Spike|hCoV-19/Switzerland/ZG-ETHZ-190022/2020|2020-07-07|EPI_ISL_500887|Original|hCoV-19^Spike|hCoV-19\^Zug|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/Denmark/DCGC-14228/2020|2020-11-30|EPI_ISL_711640|Original|hCoV-19^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Switzerland/ZH-ETHZ-321528/2020|2020-10-15|EPI_ISL_603737|Original|hCoV-19^Spike|hCoV-19\^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/England/QEUH-B65F4D/2020|2020-11-10|EPI_ISL_655874|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/FL-BPHL-1218/2020|2020-07-27|EPI_ISL_541191|Original|hCoV-19^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/Netherlands/OV-RIVM-21008/2020|2020-12-22|EPI_ISL_791025|Original|hCoV-19^Overijssel|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spike|hCoV-19/USA/TX-HMH-MCoV-14891/2020|2020-10-15|EPI_ISL_786375|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/ALDP-AA09A3/2020|2020-10-22|EPI_ISL_630903|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-B55818/2020|2020-11-06|EPI_ISL_657577|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-7F5BD9/2020|2020-07-21|EPI_ISL_532900|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/BRIS-128E25/2020|2020-04-17|EPI_ISL_458771|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMB-1AAD97/2020|2020-04-18|EPI_ISL_470091|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-C30A94/2020|2020-12-09|EPI_ISL_731262|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Hong Kong/VB20026565/2020|2020-01-31|EPI_ISL_409024|Original|hCoV-19^Hong Kong|Human|Caritas Medical Centre|Hong Kong Department of Health|Mak|China
>Spike|hCoV-19/Peru/LIM-INS-148/2020|2020-03-17|EPI_ISL_536543|Original|hCoV-19^Lima|Human|Instituto Nacional de Salud|Laboratorio de Infecciones Respiratorias Agudas|Lopez|Peru
>Spike|hCoV-19/India/KA-nimh-19184/2020|2020-05-14|EPI_ISL_515966|Original|hCoV-19^Karnataka|Human|VICTORIA HOSPITAL|Department of Neurovirology|Pattabiraman|India
>Spike|hCoV-19/England/NORT-286AD5/2020|2020-10-15|EPI_ISL_638573|Original|hCoV-19^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/Japan/PG-1405/2020|2020-04-00|EPI_ISL_685012|Original|hCoV-19^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Japan/PG-5906/2020|2020-08-08|EPI_ISL_689021|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spoke|hCoV-19/Australia/VIC16940/2020|2020-08-05|EPI_ISL_663650|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
hCoV-19/USA/NY-Wadsworth-16480-01/2020|2020-03-15|EPI_ISL_426317|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
hCoV-19/Brazil/SP-L7-CD76/2020|2020-03-19|EPI_ISL_476443|Original|hCoV-19^5\u00e0o3e Paulo|Human|Hospital da Cl\u00e9nicoedicas da Faculdade de Medicina da Universidade de S\u00e0o Paulo|Instituto de Medicina Tropical da Universidade de S\u00e0o Paulo|Brazil
hCoV-19/USA/MI-MDHHS-SC22164/2020|2020-10-19|EPI_ISL_614215|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA
hCoV-19/USA/TX-HMH-MCoV-14669/2020|2020-10-09|EPI_ISL_787954|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
hCoV-19/Scotland/EDB6883/2020|2020-04-30|EPI_ISL_526498|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
hCoV-19/Wales/PHWC-4896CD/2020|2020-11-01|EPI_ISL_639605|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
hCoV-19/Kuwait/KU-3/2020|2020-05-09|EPI_ISL_746322|Original|hCoV-19^^Kuwait|Human|Mubarak Al-Kabeer Hospital|Virology Unit|Madi|Kuwait
hCoV-19/Switzerland/BS-UHB-42189239/2020|2020-03-13|EPI_ISL_528042|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff|Switzerland
hCoV-19/USA/MN-GMF-20997/2020|2020-09-18|EPI_ISL_660825|Original|hCoV-19^^Minnesota|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA
hCoV-19/Taiwan/TSGH-21/2020|2020-03-30|EPI_ISL_436106|Original|hCoV-19^^New Taipei City|Human|TSGH-CP molecular lab|TSGH-CP molecular lab|Shang|Taiwan
hCoV-19/Spain/PC-IVB-2142/2020|2020-04-12|EPI_ISL_466882|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiologia\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|Ib\u00c3\u00b1\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|Comas|Spain
hCoV-19/England/QEUH-5DE4A0/2020|2020-06-17|EPI_ISL_533321|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
hCoV-19/Chile/RM-131476/2020|2020-07-22|EPI_ISL_746627|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile
hCoV-19/Japan/IC-0392/2020|2020-12-00|EPI_ISL_736903|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
hCoV-19/Denmark/DCGC-14465/2020|2020-11-30|EPI_ISL_711784|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelson|Denmark
hCoV-19/Ecuador/USFQ-433/2020|2020-09-07|EPI_ISL_697793|Original|hCoV-19^^Tmbabura|Human|Institute of Microbiology|Institute of Microbiology|Cardenas|Ecuador
hCoV-19/England/ALDP-B4871B/2020|2020-11-07|EPI_ISL_649278|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
hCoV-19/England/QEUH-B4377A/2020|2020-11-08|EPI_ISL_657256|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
hCoV-19/South Africa/NHLS-UCT-5255/2020|2020-04-30|EPI_ISL_640106|Original|hCoV-19^^Western Cape|Human|Heideveld CDC wc HVP|NHLS/UCT|Iranzadeh|South Africa
hCoV-19/Australia/VIC444/2020|2020-03-27|EPI_ISL_426741|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spike|hCoV-19/England/ALDP-A2DEFA/2020/2020-10-06|EPI_ISL_586635|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Chile/RM-157016/2020/2020-08-20|EPI_ISL_746670|Original|hCoV-19
^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/England/CAMC-94BF21/2020/2020-07-16|EPI_ISL_556704|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-A8B285/2020/2020-10-16|EPI_ISL_643152|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6CACE/2020/2020-10-15|EPI_ISL_607103|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B79526/2020/2020-11-10|EPI_ISL_667933|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-1220CB/2020/2020-03-21|EPI_ISL_440087|Original|hCoV-19
^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-2190/2020/2020-07-22|EPI_ISL_653343|Original|hCoV-19
^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Wales/PHWC-4805E7/2020/2020-10-22|EPI_ISL_612908|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/IC-0479/2020/2020-12-00|EPI_ISL_768688|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/20100005304/2020/2020-02-28|EPI_ISL_464251|Original|hCoV-19
^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Hong Kong/VM20035532/2020/2020-07-09|EPI_ISL_523830|Original|hCoV-19
^Hong Kong|Human|Our Lady of Maryknoll Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/Australia/VIC14410/2020/2020-08-17|EPI_ISL_592488|Original|hCoV-19
^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/India/MH-NCCS-NR-15788/2020/2020-07-30|EPI_ISL_721656|Original|hCoV-19
^Maharashtra|Human|National Centre For Cell Science|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/England/MILK-99A187/2020/2020-08-30|EPI_ISL_550341|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A58737/2020/2020-10-09|EPI_ISL_597120|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10023/2020/2020-03-30|EPI_ISL_427341|Original|hCoV-19
^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/MILK-B3E4A8/2020/2020-09-07|EPI_ISL_645517|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike-hCoV-19/Denmark/DCGC-7481/2020|2020-10-12|EPI_ISL_619395|Original|hCoV-19^Midttjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

Spike-hCoV-19/Northern Ireland/NIRE-FFF16/2020|2020-05-03|EPI_ISL_489261|Original|hCoV-19^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike-hCoV-19/England/QEUH-A4CF2/2020|2020-10-05|EPI_ISL_596079|Original|hCoV-19^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust / COVID-19 Genomics UK (COG-UK) Consortium|Amato|United Kingdom

Spike-hCoV-19/Japan/TK-YE615406/2020|2020-05-00|EPI_ISL_486908|Original|hCoV-19^Tokyo|Human|Tokyo Metropolitan Institute of Public Health|Tokyo Metropolitan Institute of Public Health|Nagashima|Japan

Spike-hCoV-19/USA/WA-S1687/2020|2020-05-30|EPI_ISL_496113|Original|hCoV-19^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

Spike-hCoV-19/Senegal/5986/2020|2020-04-18|EPI_ISL_481243|Original|hCoV-19^Dakar|Human|Institut Pasteur Dakar|Institut Pasteur de Dakar|Dia|Senegal

Spike-hCoV-19/Australia/QLD1114/2020|2020-03-27|EPI_ISL_593631|Original|hCoV-19^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

Spike-hCoV-19/England/LIVE-DC81F5/2020|2020-11-17|EPI_ISL_705937|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

Spike-hCoV-19/Denmark/DCGC-1983/2020|2020-07-20|EPI_ISL_618329|Original|hCoV-19^Hovedstad|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

Spike-hCoV-19/Palestine/AAS27/2020|2020-11-29|EPI_ISL_739660|Original|hCoV-19^West Bank|Human|Al-Quds Nutrition and Health Research Institute|Ereqat|Palestine

Spike-hCoV-19/USA/Hi-H200563/2020|2020-10-24|EPI_ISL_753091|Original|hCoV-19^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

Spike-hCoV-19/Egypt/EY3-023/2020|2020-08-14|EPI_ISL_526978|Original|hCoV-19^Egypt|Human|Biological prevention|Biological prevention|Seadawy|Egypt

Spike-hCoV-19/England/NORT-29CDF1/2020|2020-04-30|EPI_ISL_584681|Original|hCoV-19^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust / COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

Spike-hCoV-19/England/QEUH-420555/2020|2020-08-13|EPI_ISL_530974|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike-hCoV-19/England/204441550/2020|2020-10-20|EPI_ISL_622886|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

Spike-hCoV-19/England/OXON-B4690/2020|2020-04-24|EPI_ISL_534965|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

Spike-hCoV-19/Hong Kong/VM20087017/2020|2020-07-29|EPI_ISL_602613|Original|hCoV-19^Hong Kong|Human|Pamela Youde Nethersole Eastern Hospital|Hong Kong Department of Health|Mak|China

Spike-hCoV-19/Australia/VIC6989/2020|2020-07-23|EPI_ISL_564183|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

Spike-hCoV-19/USA/TX-HMH-MCoV-15271/2020|2020-10-19|EPI_ISL_786755|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike-hCoV-19/Switzerland/NE-ETHZ-420555/2020|2020-12-22|EPI_ISL_768135|Original|hCoV-19^Neuchatel|004e2tel|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

Spike-hCoV-19/England/BRIS-122E2B/2020|2020-04-03|EPI_ISL_440787|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
Spike|hCoV-19|Wales/MILK-9E10FD/2020|2020-09-20|EPI_ISL_581074|Original|hCoV-19
Wales/Human/Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/QEIH-B404PE/2020|2020-11-08|EPI_ISL_651757|Original|hCoV-19
England/Human/Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/ALDP-96E6580/2020|2020-09-24|EPI_ISL_580328|Original|hCoV-19
England/Human/Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/LIVE-A4675/2020|2020-06-27|EPI_ISL_499927|Original|hCoV-19
England/Human/Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Turkey/IST-GLAB-089/2020|2020-04-29|EPI_ISL_480242|Original|hCoV-19
Istanbul/Human/Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)|Genomic Laboratory (GLAB)|Karacan|Turkey
Spike|hCoV-19/Switzerland/BE-ETHZ-321089/2020|2020-10-14|EPI_ISL_737702|Original|hCoV-19
Bern/Human/Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
Spike|hCoV-19/England/AMB-19-090274/2020|2020-05-16|EPI_ISL_661726|Original|hCoV-19
England/Human/Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/LIVE-9B95A/2020|2020-04-19|EPI_ISL_440888|Original|hCoV-19
England/Human/Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) consortium|Haldenby|United Kingdom
Spike|hCoV-19/England/C20004487/2020|2020-11-06|EPI_ISL_666765|Original|hCoV-19
England/Human/Viral Respiratory Unit|COVID-19 Genomics UK (COG-UK) consortium|Platt|United Kingdom
Spike|hCoV-19/Hungary/UD-57885/2020|2020-09-02|EPI_ISL_671435|Original|hCoV-19
Tolna/Szabolcs-Szatmari|Hungary|Szent Gellert Laboratory|Kememes|Hungary
Spike|hCoV-19/Wales/PHWC-347C2/2020|2020-04-18|EPI_ISL_446975|Original|hCoV-19
Wales/Human/Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
Spike|hCoV-19/Wales/PHWC-495655/2020|2020-11-23|EPI_ISL_726375|Original|hCoV-19
Wales/Human/Respiratory Viruses|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom
Spike|hCoV-19/England/ALDP-9BC705/2020|2020-09-09|EPI_ISL_567906|Original|hCoV-19
England/Human/Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/SHEF-10D2620/2020|2020-12-20|EPI_ISL_765185|Original|hCoV-19
England/Human/Virology Department|COVID-19 Genomics UK (COG-UK) consortium|de Silva|United Kingdom
Spike|hCoV-19/England/ALDP-B261BB/2020|2020-11-04|EPI_ISL_646520|Original|hCoV-19
England/Human/Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/PORT-2D26A9/2020|2020-03-27|EPI_ISL_514492|Original|hCoV-19
England/Human/centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) consortium|Robson|United Kingdom
Spike|hCoV-19/England/ALDP-B83E79/2020|2020-11-14|EPI_ISL_674242|Original|hCoV-19
England/Human/Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/TX-HNH-MCoV-10133/2020|2020-07-06|EPI_ISL_789333|Original|hCoV-19
Texas/Human/Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/England/LIVE-9B95A/2020|2020-04-19|EPI_ISL_440888|Original|hCoV-19
England/Human/Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) consortium|Haldenby|United Kingdom
Spike|hCoV-19/England/C20004487/2020|2020-11-06|EPI_ISL_666765|Original|hCoV-19
England/Human/Viral Respiratory Unit|COVID-19 Genomics UK (COG-UK) consortium|Platt|United Kingdom
Spike|hCoV-19/Hungary/UD-57885/2020|2020-09-02|EPI_ISL_671435|Original|hCoV-19
Tolna/Szabolcs-Szatmari|Hungary|Szent Gellert Laboratory|Kememes|Hungary
Spike|hCoV-19/Wales/PHWC-347C2/2020|2020-04-18|EPI_ISL_446975|Original|hCoV-19
Wales/Human/Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
Spike|hCoV-19/Wales/PHWC-495655/2020|2020-11-23|EPI_ISL_726375|Original|hCoV-19
Wales/Human/Respiratory Viruses|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom
Spike|hCoV-19/England/ALDP-9BC705/2020|2020-09-09|EPI_ISL_567906|Original|hCoV-19
England/Human/Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/QEUH-C312E6/2020|2020-12-09|EPI_ISL_731378|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|United Arab Emirates/0531/2020|2020-05-17|EPI_ISL_698693|Original|hCoV-19|Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|United Arab Emirates
Spike|hCoV-19|Scotland/QEUH-A4CD07/2020|2020-10-08|EPI_ISL_596046|Original|hCoV-19|Scotland|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
Spike|hCoV-19|Scotland/EDB8289/2020|2020-10-12|EPI_ISL_594840|Original|hCoV-19|Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Mchugh|United Kingdom
Spike|hCoV-19|Australia/VIC422/2020|2020-03-25|EPI_ISL_426722|Original|hCoV-19|Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
Spike|hCoV-19|USA/WI-WSLH-200485/2020|2020-05-19|EPI_ISL_578626|Original|hCoV-19|Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA
Spike|hCoV-19|USA/AZ-TG517445/2020|2020-06-26|EPI_ISL_695319|Original|hCoV-19|Arizona|Human|AZ SPHL|TGen North|French|USA
Spike|hCoV-19|England/SHEF-C0F96/2020|2020-04-15|EPI_ISL_448828|Original|hCoV-19|England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
Spike|hCoV-19|England/QEUH-96CA29/2020|2020-08-21|EPI_ISL_530644|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA/WA-UW288/2020|2020-03-15|EPI_ISL_418073|Original|hCoV-19|Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
Spike|hCoV-19|USA/TX-HMH-MCoV-14953/2020|2020-10-16|EPI_ISL_786437|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|USA/CA-C2B-12781/2020|2020-10-14|EPI_ISL_648442|Original|hCoV-19|California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA
Spike|hCoV-19|England/ALDP-CB59B8/2020|2020-12-18|EPI_ISL_761129|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|England/MILK-9C45D3/2020|2020-09-07|EPI_ISL_566054|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Wales/PHWC-25FAE/2020|2020-03-25|EPI_ISL_422085|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology|Cardiff|Moore|United Kingdom
Spike|hCoV-19|Scotland/QEUH-980DC3/2020|2020-09-03|EPI_ISL_560043|Original|hCoV-19|Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Goldubchik|United Kingdom
Spike|hCoV-19|Switzerland/ZH-BTHZ-140082/2020|2020-04-21|EPI_ISL_476125|Original|hCoV-19|Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
Spike|hCoV-19|England/ALDP-9E59EF/2020|2020-09-24|EPI_ISL_589482|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/CAMC-BD189C/2020|2020-11-27|EPI_ISL_702310|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA/MA-MASPHL-00520/2020|2020-05-05|EPI_ISL_693057|Original|hCoV-19|Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA
>Spike|hCoV-19/Jordan/IR-ALSR-5234/2020|2020-10-18|EPI_ISL_730472|Original|hCoV-19^^Trbid|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan
>SpIke|hCoV-19/Denmark/DGCC-1950/2020|2020-07-20|EPI_ISL_618245|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albersen lab|Michaelsen|Denmark
>SpIke|hCoV-19/Scotland/EDB5028/2020|2020-05-16|EPI_ISL_493938|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>SpIke|hCoV-19/USA/ID-UW-6457/2020|2020-04-03|EPI_ISL_437833|Original|hCoV-19^^Idaho|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>SpIke|hCoV-19/England/20156049604/2020|2020-04-06|EPI_ISL_466334|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>SpIke|hCoV-19/England/ALDP-49E239/2020|2020-05-24|EPI_ISL_559653|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/Latvia/114/2020|2020-08-08|EPI_ISL_534203|Original|hCoV-19^^Latvia|Human|E. Gulbja Laboratorija|Latvian Biomedical Research and Study Centre|Zrelovs|Latvia
>SpIke|hCoV-19/Scotland/CVR2172/2020|2020-04-11|EPI_ISL_484567|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>SpIke|hCoV-19/Australia/VIC1556/2020|2020-07-30|EPI_ISL_593258|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>SpIke|hCoV-19/USA/TX-HMH-2409/2020|2020-05-25|EPI_ISL_545294|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>SpIke|hCoV-19/Wisconsin/USA/WI-UW-2663/2020|2020-12-31|EPI_ISL_791331|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA
>SpIke|hCoV-19/Wales/PHWC-23E67/2020|2020-03-13|EPI_ISL_418120|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Davies|United Kingdom
>SpIke|hCoV-19/Japan/PG-6277/2020|2020-08-00|EPI_ISL_689388|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikuzuka|Japan
>SpIke|hCoV-19/USA/NV-NSPHEL-A0042/2020|2020-03-23|EPI_ISL_515325|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA
>SpIke|hCoV-19/USA/UN-CDC-7520/2020|2020-04-22|EPI_ISL_514079|Original|hCoV-19^^USA|Human|Nav and Marine Corps Public Health Center|Pathogen Discovery|Queen|USA
>SpIke|hCoV-19/USA/FL-BPHL-1586/2020|2020-03-24|EPI_ISL_568684|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>SpIke|hCoV-19/USA/TX-HMH-2293/2020|2020-04-30|EPI_ISL_545229|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>SpIke|hCoV-19/England/ALDP-A67D42/2020|2020-10-10|EPI_ISL_608903|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/England/ALDP-A66824/2020|2020-10-12|EPI_ISL_630645|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/USA/TX-HMH-6578/2020|2020-06-24|EPI_ISL_546099|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>SpIke|hCoV-19/Netherlands/NA_608/2020|2020-04-20|EPI_ISL_460771|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>SpIke|hCoV-19/India/OR-NCDC-02336/2020|2020-03-29|EPI_ISL_435088|Original|hCoV-19^^Odisha|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India
>Spike|hCoV-19/England/OXON-ACD0F/2020|2020-04-06|EPI_ISL_448529|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spkid|hCoV-19/USA/TX-DSHS-0658/2020|2020-07-19|EPI_ISL_576312|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spkid|hCoV-19/USA/MI-QDX-1129/2020|2020-03-21|EPI_ISL_571859|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spkid|hCoV-19/England/QEUH-B2C99F/2020|2020-11-04|EPI_ISL_646473|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spkid|hCoV-19/England/20120001404/2020|2020-03-16|EPI_ISL_465139|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spkid|hCoV-19/USA/VA-S1131/2020|2020-05-04|EPI_ISL_463621|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
>Spkid|hCoV-19/Denmark/DGCC-C5266/2020|2020-09-14|EPI_ISL_615197|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelisen|Denmark
>Spkid|hCoV-19/Norway/4948/2020|2020-10-29|EPI_ISL_668436|Original|hCoV-19^^Oslo|Human|Norwegian Institute of Public Health|Norwegian Institute of Public Health|Kopperud Riis|Norway
>Spkid|hCoV-19/Japan/PG-8660/2020|2020-09-09|EPI_ISL_686256|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spkid|hCoV-19/Denmark/DGCC-15166/2020|2020-11-23|EPI_ISL_713100|Original|hCoV-19^^Hovedstaden|Human|Virology Laboratory and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark
>Spkid|hCoV-19/England/QEUH-A58EE/2020|2020-10-30|EPI_ISL_662917|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spkid|hCoV-19/Gibraltar/204641723/2020|2020-00-00|EPI_ISL_637201|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar
>Spkid|hCoV-19/Australia/VIC2446/2020|2020-06-25|EPI_ISL_522152|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spkid|hCoV-19/Germany/HH-hpi-p1628/2020|2020-03-17|EPI_ISL_776077|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany
>Spkid|hCoV-19/Uganda/UG106/2020|2020-08-06|EPI_ISL_738013|Original|hCoV-19^^Uganda|Human|Uganda Central Public Health Lab and Uganda Virus Research Institute|MRC/UVRI & LSHTM Uganda\u00a0Research Unit|Cotten|Uganda
>Spkid|hCoV-19/England/MILK-9C45F1/2020|2020-09-09|EPI_ISL_566912|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spkid|hCoV-19/England/QEUH-9DA710/2020|2020-09-21|EPI_ISL_601489|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spkid|hCoV-19/England/SHEF-10B283D/2020|2020-05-16|EPI_ISL_537215|Original|hCoV-19^^England|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spkid|hCoV-19/USA/CA-ALSR-1508/2020|2020-04-02|EPI_ISL_494630|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spkid|hCoV-19/Switzerland/BS-42357963/2020|2020-07-17|EPI_ISL_581909|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland
>Spkid|hCoV-19/Romania/ROSV_4714/2020|2020-04-26|EPI_ISL_491078|Original|hCoV-19^^Suceava|Human|Suceava County Emergency Hospital|\u00a0Stefan cel Mare\ University Metagenomics Lab|Lobicu|Romania
>Spike|hCoV-19/Wales/PHWC-47EED2/2020|2020-10-06|EPI_ISL_595608|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik|hCoV-19/India/DL-MN10/2020|2020-06-18|EPI_ISL_508416|Original|hCoV-19^^Delhi|Human|Maulana Azad Medical College|National Institute of Biomedical Genomics|Maitra|India
>Spik|hCoV-19/USA/TX-HMH-MCoV-14405/2020|2020-10-07|EPI ISL_787690|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19/England/QEUH-B3F225/2020|2020-11-08|EPI_ISL_658448|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/Japan/PG-2011/2020|2020-04-00|EPI_ISL_685616|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spik|hCoV-19/England/CAMB-1AFB01/2020|2020-05-03|EPI_ISL_459294|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/BRIS-130A08/2020|2020-04-13|EPI ISL_492623|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/USA/CO-CDPHE-2003050090/2020|2020-03-04|EPI_ISL_677254|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Pupal Health and Environment|Bankers|USA
>Spik|hCoV-19/Belgium/Rega-0320258/2020|2020-03-20|EPI_ISL_458228|Original|hCoV-19^^Tervuren|Human|KU Leuven|KU Leuven|Mael|Belgium
>Spik|hCoV-19/Japan/PG-8647/2020|2020-09-00|EPI ISL_686243|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spik|hCoV-19/England/ALDP-9CDB4/2020|2020-09-16|EPI ISL_566413|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/USA/VA-DCLS-0161/2020|2020-04-15|EPI ISL_437794|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spik|hCoV-19/England/ALDP-B63B1E/2020|2020-11-08|EPI ISL_656372|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/England/QEUH-A31761/2020|2020-10-05|EPI ISL_595907|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spik|hCoV-19/England/ALDP-B1D5CA/2020|2020-10-31|EPI ISL_645964|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/England/QEUH-A6B67A/2020|2020-10-16|EPI ISL_643173|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/England/MILK-B5A2CA/2020|2020-11-06|EPI ISL_658210|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/Belgium/rega-0803756/2020|2020-08-03|EPI ISL_734899|Original|hCoV-19^^Weert|Human|UZ Leuven|KU Leuven|Mael|Belgium
Spike|hCoV-19/England/QEUH-9B7175/2020|2020-09-04|EPI_ISL_590618|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Australia/VIC100281/2020|2020-07-30|EPI_ISL_562850|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

Spike|hCoV-19/Japan/PG-1007/2020|2020-03-00|EPI_ISL_684617|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

Spike|hCoV-19/Scotland/CVR2747/2020|2020-04-18|EPI_ISL_438945|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

Spike|hCoV-19/Wales/PHW-4910E2/2020|2020-11-18|EPI_ISL_706611|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19/Denmark/DGC-8400/2020|2020-10-26|EPI_ISL_617333|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

Spike|hCoV-19/Northern Ireland/NIRE-1034C4/2020|2020-04-17|EPI_ISL_489318|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/OXON-B1912/2020|2020-04-17|EPI_ISL_479053|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

Spike|hCoV-19/England/QEUH-9C8979/2020|2020-09-11|EPI_ISL_567117|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Wales/ALDP-CBB32A/2020|2020-12-18|EPI_ISL_760333|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/USA/NY-NYCPHL-000827/2020|2020-03-24|EPI_ISL_632204|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

Spike|hCoV-19/England/LEED-2A91F5/2020|2020-04-06|EPI_ISL_539179|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/BRIS-125B6D/2020|2020-03-30|EPI_ISL_443713|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

Spike|hCoV-19/England/MILK-ABB3E3/2020|2020-10-21|EPI_ISL_623243|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/ALDP-B5B092/2020|2020-11-09|EPI_ISL_655570|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/USA/WA-S150/2020|2020-03-14|EPI_ISL_430187|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

Spike|hCoV-19/Poland/B_348r/2020|2020-06-00|EPI ISL_509018|Original|hCoV-19^^Lodzkie|Human|genXone SA|genXone SA|Kaszuba|Poland

Spike|hCoV-19/Scotland/QEUEH-95F9C2/2020|2020-08-06|EPI_ISL_532404|Original|hCoV-19^^Scotland|Human|NHSGGSC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/SHF-C90B8/2020|2020-09-21|EPI ISL_573718|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
Innovation Unit
COVID-19
England Human Centre for Clinical Infection and Diagnostics Research and Genomics
Spike hCoV 19

England Human Lighthouse Lab in Glasgow Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium Davies United Kingdom

Denmark DGCC-12496/2020 2020-11-16 EPI ISL 682677 Original hCoV-19 Hovedstaden Human Department of Virus and Microbiological Special Diagnostics Albertsen Lab Michaelensen Denmark

Switzerland ZH-ETHZ-200016/2020 2020-07-13 EPI ISL 510705 Original hCoV-19 Zurich Human Viollier AG Department of Biosystems Science and Engineering Nadeau Switzerland

Canada NS-NML-1250/2020 2020-04-06 EPI ISL 579641 Original hCoV-19 Nova Scotia Human QEII Health Sciences Centre National Microbiology Laboratory (NML) Majer Canada

England ALDP-C6BAAF/2020 2020-12-14 EPI ISL 778598 Original hCoV-19 England Human Lighthouse Lab in Alderley Park Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium Davies United Kingdom

England Human Lighthouse Lab in Alderley Park Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium Davies United Kingdom

Scotland EDB1265/2020 2020-04-09 EPI ISL 491653 Original hCoV-19 Scotland Human Virology Department Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium Davies United Kingdom

USA FL-BPHL-0371/2020 2020-04-22 EPI ISL 489780 Original hCoV-19 Florida Human Florida Bureau of Public Health Laboratories Florida Bureau of Public Health Laboratories Blanton USA

USA MI-UM-10036306472/2020 2020-10-06 EPI ISL 596598 Original hCoV-19 Michigan Human University of Michigan Clinical Microbiology Laboratory Lauring Lab Valesano USA

USA TX-HMH-MCoV-18152/2020 2020-11-14 EPI ISL 784500 Original hCoV-19 Texas Human Houston Methodist Hospital Houston Methodist Hospital Long USA

Hungary UD-7360/2020 2020-04-08 EPI ISL 477011 Original hCoV-19 Borsod-Abaujúfejő Zemplén County Human University of Debrecen National Laboratory of Virology Kemenesi Hungary

Northern Ireland EPI ISL 489285 Original hCoV-19 Northern Ireland Human Regional Virus Laboratory Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium Davies United Kingdom

England EPI ISL 576722 Original hCoV-19 England Human Oxford Viromics COVID-19 Genomics UK (COG-UK) Consortium Golubchik United Kingdom

Scotland EPI ISL 602012 Original hCoV-19 Scotland Human Lighthouse Lab in Glasgow Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium Davies United Kingdom

India MH-ACTREC-446/2020 2020-08-05 EPI ISL 700094 Original hCoV-19 Maharashtra Human Hematopathology Laboratory Hematopathology Laboratory Patkar India

France PAC-IHU-0318/2020 2020-03-23 EPI ISL 569450 Original hCoV-19 Provence-Alpes-Côtes-d'Azur Human MEPI MEPI Levasseur France

Australia VIC14715/2020 2020-07-27 EPI ISL 592966 Original hCoV-19 Victoria Human Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) MDU-PHL Schultz Australia

Finland 2LS5E11/2020 2020-10-02 EPI ISL 756123 Original hCoV-19 Uusimaa Human Department of Virology and Immunology Department of Virology Smura Finland

England EPI ISL 580880 Original hCoV-19 England Human Lighthouse Lab in Glasgow Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium Davies United Kingdom

England GSTT-265D79A/2020 2020-03-24 EPI ISL 484011 Original hCoV-19 England Human Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit COVID-19 Genomics UK (COG-UK) Consortium Awan United Kingdom
>Spike|hCoV-19/England/CAMC-A66192/2020|2020-10-11|EPI_ISL_637777|Original|hCoV-19
>England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spoke|hCoV-19/England/ALDP-B45DC1/2020|2020-11-07|EPI_ISL_656314|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spoke|hCoV-19/England/ALDP-BB503C/2020|2020-11-20|EPI_ISL_701884|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spoke|hCoV-19/England/CAMC-B07086/2020|2020-10-29|EPI_ISL_643842|Original|hCoV-19
>England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spoke|hCoV-19/Denmark/DCGC-15186/2020|2020-11-23|EPI_ISL_713796|Original|hCoV-19
>Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spoke|hCoV-19/England/QE2H-9652FB/2020|2020-08-12|EPI_ISL_531180|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spoke|hCoV-19/England/CAMC-7676A/2020|2020-03-30|EPI_ISL_438394|Original|hCoV-19
>England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spoke|hCoV-19/USA/AZ-TG640826/2020|2020-04-27|EPI_ISL_695781|Original|hCoV-19
>Az|Human|Sonora Quest Laboratories|TGgen North|French|USA
>Spoke|hCoV-19/England/202881380/2020|2020-06-22|EPI_ISL_491715|Original|hCoV-19
>England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spoke|hCoV-19/England/ALDP-AA4101/2020|2020-10-22|EPI_ISL_623998|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19/Netherlands/ZH-EMC-476/2020|2020-08-24|EPI_ISL_574788|Original|hCoV-19
>Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spoke|hCoV-19/Spain/PV-IBV-003241/2020|2020-03-15|EPI_ISL_480957|Original|hCoV-19
> Wesley|Human|Servicio de Microbiología|Hospital Universitario Donostia. OSI Donostialdea. | \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV(CSC)|Comas|Spain
>Spoke|hCoV-19/Gibraltar/205000699/2020|2020-12-00|EPI_ISL_710023|Original|hCoV-19
>Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar
>Spoke|hCoV-19/Denmark/DCGC-13486/2020|2020-11-30|EPI_ISL_712825|Original|hCoV-19
>Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spoke|hCoV-19/England/LOND-1263F90/2020|2020-11-15|EPI_ISL_679508|Original|hCoV-19
>England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spoke|hCoV-19/Switzerland/BE-ETHZ-340091/2020|2020-10-26|EPI_ISL_721742|Original|hCoV-19
>Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spoke|hCoV-19/USA/FL-BPHL-0858/2020|2020-06-29|EPI_ISL_514204|Original|hCoV-19
>Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spoke|hCoV-19/Wales/PHWC-492B4A/2020|2020-11-26|EPI_ISL_725753|Original|hCoV-19
>Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spoke|hCoV-19/England/CAMC-80563/2020|2020-04-10|EPI_ISL_470440|Original|hCoV-19
>England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19/England/QE2H-BCD82A/2020|2020-11-26|EPI_ISL_704675|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
| Country | Organization | Virus | Sample Code | Accession | Genomics England | United Kingdom | USA | Japan | India | New Zealand | England | USA | California | UK | Belgium | England | Canada | Scotland | Wales | UK | Australia | Europe | Spain | Switzerland | Netherlands | China | Thailand | France | Germany | Italy | Russia | Canada | India | China | Thailand | France | Germany | Italy | Russia | Canada | India | China | Thailand | France | Germany | Italy | Russia | Canada | India | China | Thailand | France | Germany | Italy | Russia | Canada | India | China | Thailand | France | Germany | Italy | Russia | Canada | India | China | Thailand | France | Germany | Italy | Russia | Canada | India | China | Thailand | France | Germany | Italy | Russia | Canada | India | China | Thailand | France | Germany | Italy | Russia | Canada | India | China | Thailand | France | Germany | Italy | Russia | Canada | India | China | Thailand | France | Germany | Italy | Russia | Canada | India | 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Thailand | France | Germany | Italy | Russia | Canada | India | China | Thailand | France | Germany | Italy | Russia | Canada | India | China | Thailand | France | Germany | Italy | Russia | Canada | India | China | Thailand | France | Germany | Italy | Russia | Canada | India | China | Thailand | France | Germany | Italy | Russia | Canada | India | China | Thailand | France | Germany | Italy | Russia | Canada | India | China | Thailand | France | Germany | Italy | Russia | Canada | India | China | Thailand | France | Germany | Italy | Russia | Canada | India | China | Thailand | France | Germany | Italy | Russia | Canada | India | China | Thailand | France | Germany | Italy | Russia | Canada | India | China | Thailand | France | Germany | Italy | Russia | Canada | India | China | Thailand | France | Germany | Italy | Russia | Canada | India | China | Thailand | France | Germany | Italy | Russia | Canada | India | China | Thailand | France | Germany | Italy | Russia | Canada | India | 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India | China | Thailand | France | Germany | Italy | Russia | Canada | India | China | Thailand | France | Gravity
>Spike|hCoV-19/USA/UT-UPHL-2008936/2020|2020-05-26|EPI_ISL_525041|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/England/QEUH-B9EDDF/2020|2020-11-18|EPI_ISL_721068|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Spain/VC-FISABIO-72/2020|2020-03-17|EPI_ISL_425196|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia|Consorci Hospital General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain
>Spike|hCoV-19/Wales/ALDP-9FDBDF/2020|2020-10-01|EPI_ISL_600521|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Netherlands/ZuidHolland_1/2020|2020-03-25|EPI_ISL_451749|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/USA/WA-UW-6547/2020|2020-04-04|EPI_ISL_437861|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/England/BRIS-124AAD/2020|2020-03-26|EPI_ISL_443754|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/Scotland/QEUH-A1F972/2020|2020-10-01|EPI_ISL_598972|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHW-C-15DF33/2020|2020-05-14|EPI_ISL_472783|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Portugal/PT0079/2020|2020-03-18|EPI_ISL_421482|Original|hCoV-19^^Portugal|Human|CH VN Gaia - Espinho|Instituto Nacional de Saude (INSA)|Borges|Portugal
>Spike|hCoV-19/England/QEUH-CC351D/2020|2020-12-21|EPI_ISL_760671|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/CA-CZB-1775/2020|2020-04-01|EPI_ISL_476792|Original|hCoV-19^^California|Human|Stanford clinical virology lab|Chen-Zuckerberg Biohub|Kamm|USA
>Spike|hCoV-19/England/QEUH-A369EE/2020|2020-10-05|EPI_ISL_638688|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/ID-QDX-1777/2020|2020-03-17|EPI_ISL_604035|Original|hCoV-19^^Idaho|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/USA/NM-DOH-2020631646/2020|2020-12-19|EPI_ISL_766883|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Malone|USA
>Spike|hCoV-19/Israel/CVL-n-9560/2020|2020-04-19|EPI_ISL_474971|Original|hCoV-19^^Israel|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel
>Spike|hCoV-19/England/ALDP-A50EFE/2020|2020-10-07|EPI_ISL_597811|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/BIRM-5E892/2020|2020-03-23|EPI_ISL_444310|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom
>Spike|hCoV-19/Wales/PHW-C-4A3821/2020|2020-12-16|EPI_ISL_764580|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Switzerland/VD-ETHZ-280164/2020|2020-09-08|EPI_ISL_560514|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>SpiekohCoV-19/Denmark/DGCC-17840/2020|2020-12-14|EPI_ISL_749190|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|MichaelSEN|Denmark
>SpiekohCoV-19/England/NORT-2A7467/2020|2020-11-01|EPI ISL 706353|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>SpiekohCoV-19/England/LIVE-DC991A/2020|2020-12-04|EPI ISL 705350|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>SpiekohCoV-19/USA/FL-BPHL-0247/2020|2020-05-01|EPI ISL 480898|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>SpiekohCoV-19/Scotland/CVR3441/2020|2020-05-07|EPI ISL 456854|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>SpiekohCoV-19/Panama/339467/2020|2020-04-11|EPI ISL 496894|Original|hCoV-19^^Panama West|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama
>SpiekohCoV-19/Scotland/CVR5896/2020|2020-11-17|EPI ISL 705655|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>SpiekohCoV-19/USA/TX-HMH-MCoV-8508/2020|2020-07-01|EPI ISL 780598|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>SpiekohCoV-19/USA/MA-MGH-00735/2020|2020-04-09|EPI ISL 791735|Original|hCoV-19^^Massachusetts|Human|Majors General Hospital|Infectious Disease Program|Park|USA
>SpiekohCoV-19/Malaysia/IMR-WC270611/2020|2020-11-11|EPI ISL 728245|Original|hCoV-19^^Malaysia|Human|Institute for Medical Research|Institute for Medical Research|Suppiah|Malaysia
>SpiekohCoV-19/England/QEUN-A8CA04/2020|2020-10-16|EPI ISL 643067|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>SpiekohCoV-19/India/TG-CCMB-AA371/2020|2020-08-11|EPI ISL 539688|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India
>SpiekohCoV-19/USA/NY-Wadsworth-292234-01/2020|2020-12-01|EPI ISL 767663|Original|hCoV-19^^New York|Human|MEMORIAL SLOAN KETTERING CANCER CENTER|Wadsworth Center|Lasek-Nesselquist|USA
>SpiekohCoV-19/USA/NY-SURV0397/2020|2020-03-17|EPI ISL 436064|Original|hCoV-19^^New York|Human|NYC Department of Health and Mental Hygiene|Pathogen Discovery|Queen|USA
>SpiekohCoV-19/England/MILK-A7BDE1/2020|2020-10-15|EPI ISL 607533|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpiekohCoV-19/Netherlands/NB-RIVM-20723/2020|2020-12-17|EPI ISL 790789|Original|hCoV-19^^Noord-Brabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>SpiekohCoV-19/USA/LA-EVTL802/2020|2020-07-24|EPI ISL 653493|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Ramil|USA
> Spike|hCoV-19/England/QEUH-B10020/2020|2020-11-02|EPI_ISL_642683|Original|hCoV-19
> ^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> > Spike|hCoV-19/USA/UT-UPHL-2012676362/2020|2020-08-10|EPI_ISL_745548|Original|hCoV-19
> ^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA
> > Spike|hCoV-19/England/MILK-99244A/2020|2020-08-27|EPI ISL 540680|Original|hCoV-19
> ^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
> > Spike|hCoV-19/USA/TX-HMH-MCoV-14179/2020|2020-10-02|EPI_ISL_787464|Original|hCoV-19
> ^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> > Spike|hCoV-19/Scotland/CVRS179/2020|2020-10-13|EPI_ISL_626847|Original|hCoV-19
> ^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
> > Spike|hCoV-19/Scotland/EDB5815/2020|2020-04-27|EPI_ISL_487964|Original|hCoV-19
> ^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> > Spike|hCoV-19/South Africa/LR00059/2020|2020-07-07|EPI_ISL_515179|Original|hCoV-19
> ^North West|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa
> > Spike|hCoV-19/India/OR-ILSCV32893/2020|2020-06-05|EPI_ISL_481117|Original|hCoV-19
> ^Odisha|Human|Immunogenomics lab|Immunogenomics lab|Ragahav|India
> > Spike|hCoV-19/England/QEUH-BA1C20/2020|2020-11-18|EPI_ISL_719825|Original|hCoV-19
> ^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> > Spike|hCoV-19/Scotland/QEUH-5F6884/2020|2020-11-04|EPI_ISL_481117|Original|hCoV-19
> ^Scotland|Human|NHS GG West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> > Spike|hCoV-19/Burkina Faso/2-030-765/2020|2020-06-30|EPI_ISL_660515|Original|hCoV-19
> ^Bobo Dioulasso|Human|Laboratoire de Microbiologie CHU Souro Sanou|Centre Muraz|Ouedraogo|Burkina Faso
> > Spike|hCoV-19/England/QEUH-AD01B1/2020|2020-10-26|EPI_ISL_634250|Original|hCoV-19
> ^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> > Spike|hCoV-19/Scotland/QEUH-95FDB7/2020|2020-08-07|EPI_ISL_531918|Original|hCoV-19
> ^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> > Spike|hCoV-19/Scotland/QEUH-9F6884/2020|2020-10-04|EPI_ISL_481117|Original|hCoV-19
> ^Scotland|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
> > Spike|hCoV-19/Wales/PHWC-2C235/2020|2020-04-04|EPI_ISL_474295|Original|hCoV-19
> ^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> > Spike|hCoV-19/England/CAMC-CB8812/2020|2020-12-18|EPI_ISL_777820|Original|hCoV-19
> ^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> > Spike|hCoV-19/Sweden/20-07772/2020|2020-04-22|EPI_ISL_445242|Original|hCoV-19
> ^Norrbotten|Human|Jokkmokks Halsocentral|The Public Health Agency of Sweden|Svartstr\00f6m|Sweden
> > Spike|hCoV-19/Australia/VIC17861/2020|2020-08-30|EPI_ISL_779510|Original|hCoV-19
> ^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Beck|Australia
> > Spike|hCoV-19/England/BRIS-12E0ED/2020|2020-04-21|EPI_ISL_482023|Original|hCoV-19
> ^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> > Spike|hCoV-19/Denmark/DCGC-8350/2020|2020-10-26|EPI_ISL_617361|Original|hCoV-19
> ^Midtjylland|Human|Department of Virus and MicroBiological Special Diagnostics|Albertsen lab|Michaelensen|Denmark
> > Spike|hCoV-19/England/QEUH-9F6884/2020|2020-09-27|EPI_ISL_588896|Original|hCoV-19
> ^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Denmark/DCGC-20874/2020|2020-12-21|EPI_ISL_758922|Original|hCoV-19
^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelensen|Denmark

Spike|hCoV-19/USA/CA-QDX-1773/2020|2020-03-15|EPI_ISL_604020|Original|hCoV-19
^California|Human|Quest Diagnostics|Kagan|USA

Spike|hCoV-19/Australia/VIC5704/2020|2020-07-10|EPI_ISL_518508|Original|hCoV-19
^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|Schultz|Australia

Spike|hCoV-19/England/ALDP-B1AFCF/2020|2020-11-01|EPI_ISL_645639|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/Wales/PHWC-48A574/2020|2020-11-03|EPI_ISL_652569|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19/USA/TX-HMH-7170/2020|2020-06-29|EPI_ISL_546566|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19/England/EXET-13E581/2020|2020-00-00|EPI_ISL_724330|Original|hCoV-19
^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

Spike|hCoV-19/England/MILK-9958C3/2020|2020-08-23|EPI_ISL_551636|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/2016803204/2020|2020-04-16|EPI_ISL_466596|Original|hCoV-19
^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

Spike|hCoV-19/USA/TX-HMH-3002/2020|2020-05-31|EPI_ISL_543924|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19/England/CAMC-9B2004/2020|2020-09-04|EPI_ISL_549405|Original|hCoV-19
^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

Spike|hCoV-19/England/ALDP-B63589/2020|2020-11-09|EPI_ISL_656625|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/QEUH-A5E78C/2020|2020-10-11|EPI_ISL_597456|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Germany/HH-hpi-p1340/2020|2020-03-25|EPI_ISL_775785|Original|hCoV-19
^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitatille|Germany

Spike|hCoV-19/England/CAMC-A58C1A/2020|2020-10-09|EPI_ISL_597153|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Portugal/PT0525/2020|2020-03-23|EPI_ISL_454249|Original|hCoV-19
^Portugal|Human|unknown|Instituto Nacional de Saude (INSa)|Borges|Portugal

Spike|hCoV-19/England/MILK-837E2C/2020|2020-07-16|EPI_ISL_557193|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/NOTT-1123F2/2020|2020-05-30|EPI_ISL_484378|Original|hCoV-19
^England|Human|University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

Spike|hCoV-19/England/QEUH-9FB0E1/2020|2020-09-29|EPI_ISL_588221|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/India/MH-ACTREC-130/2020|2020-05-26|EPI_ISL_699786|Original|hCoV-19
^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

Spike|hCoV-19/Switzerland/SG-ETHZ-12001/2020|2020-04-17|EPI_ISL_468211|Original|hCoV-19
^Sankt Gallen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/DRC/7140/2020|2020-05-12|EPI_ISL_513594|Original|hCoV-19
>Kenshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/USA/CA-CZB-13469/2020|2020-10-22|EPI_ISL_672018|Original|hCoV-19
>California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Scotland/EDB1390/2020|2020-04-11|EPI_ISL_491592|Original|hCoV-19
>Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9E385D/2020|2020-09-24|EPI_ISL_585518|Original|hCoV-19
>Scotland|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashston|United Kingdom

>Spike|hCoV-19/Denmark/DGCC-4523/2020|2020-09-21|EPI_ISL_621319|Original|hCoV-19
>Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DGCC-18907/2020|2020-12-07|EPI_ISL_748632|Original|hCoV-19
>Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-UM-2006S00111/2020|2020-04-18|EPI_ISL_495583|Original|hCoV-19
>Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Kenya/C6977/2020|2020-05-15|EPI_ISL_568822|Original|hCoV-19
>Kenya|Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/Japan/PG-3403/2020|2020-04-00|EPI_ISL_691517|Original|hCoV-19
>Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Serizuka|Japan

>Spike|hCoV-19/England/ALDP-B2526E/2020|2020-11-04|EPI_ISL_646687|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-F548A/2020|2020-11-19|EPI_ISL_725262|Original|hCoV-19
>England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/OH-ODH-SC35020/2020|2020-04-23|EPI_ISL_765222|Original|hCoV-19
>Ohio|Human|Ohio Department of Health Laboratory|Ohio Department of Health Laboratory|Holmes|USA

>Spike|hCoV-19/England/MLINK-A6BA38/2020|2020-10-09|EPI_ISL_608718|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-2355F2/2020|2020-11-11|EPI_ISL_742119|Original|hCoV-19
>Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/MLINK-BABB66/2020|2020-11-18|EPI_ISL_783285|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2599/2020|2020-04-16|EPI_ISL_473524|Original|hCoV-19
>Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/VIC3451/2020|2020-07-05|EPI_ISL_521116|Original|hCoV-19
>Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MLINK-CA96CF/2020|2020-12-17|EPI_ISL_762363|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9EC274/2020|2020-09-24|EPI_ISL_580508|Original|hCoV-19
>England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/OXON-AC73E/2020|2020-04-05|EPI_ISL_448480|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

Spike|hCoV-19/England/CMAC-A3E3F7/2020|2020-10-06|EPI_ISL_609719|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Netherlands/OV-RIVM-20540/2020|2020-11-19|EPI_ISL_728755|Original|hCoV-19^Overijssel|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

Spike|hCoV-19/USA/TX-HMH069/2020|2020-03-18|EPI_ISL_434778|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19/Portugal/PT1259/2020|2020-03-18|EPI_ISL_511220|Original|hCoV-19^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

Spike|hCoV-19/USA/MN-MDH-1240/2020|2020-05-20|EPI_ISL_482961|Original|hCoV-19^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

Spike|hCoV-19/Costa Rica/INC-0070/2020|2020-07-02|EPI_ISL_512675|Original|hCoV-19^Heredia|Human|Hospital De Niuñoofos Dr. Carlos Saenz Herrera [San Jose/San Jose]|Inciensa|Brenes Porras|Costa Rica

Spike|hCoV-19/USA/TX-HMH-5268/2020|2020-06-23|EPI_ISL_544639|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19/USA/CA-ALSR-1566/2020|2020-05-11|EPI_ISL_494662|Original|hCoV-19^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

Spike|hCoV-19/USA/TX-HMH-MCoV-10519/2020|2020-07-08|EPI_ISL_789513|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19/Wales/PHWC-25876/2020|2020-03-00|EPI_ISL_432060|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

Spike|hCoV-19/USA/OR-OHSU-2471/2020|2020-08-15|EPI_ISL_667219|Original|hCoV-19^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

Spike|hCoV-19/Denmark/DGCC-14556/2020|2020-11-30|EPI_ISL_711145|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

Spike|hCoV-19/USA/TX-HMH-MCoV-9283/2020|2020-07-04|EPI_ISL_781034|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19/USA/FL-BPHL-1897/2020|2020-07-14|EPI_ISL_613829|Original|hCoV-19^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

Spike|hCoV-19/Australia/VIC6499/2020|2020-07-26|EPI_ISL_521274|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

Spike|hCoV-19/England/LIVE-9B019/2020|2020-03-27|EPI_ISL_449403|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

Spike|hCoV-19/England/ALDP-B62B2E/2020|2020-11-08|EPI_ISL_655544|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/USA/NY-MSK-11AI/2020|2020-03-24|EPI_ISL_583467|Vero e6 P1|hCoV-19^New York|Human|Garcia-Sastre Laboratory|van Bakel Laboratory|van Bakel|USA

Spike|hCoV-19/England/QEUH-AD3C17/2020|2020-10-26|EPI_ISL_634127|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Lithuania/MR-LUHS-E1lnr237653/2020|2020-12-22|EPI_ISL_770519|Original|hCoV-19^Kauno apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania
>Spike|hCoV-19|England|ALDP-B46CB4/2020|2020-11-06|EPI_ISL_656153|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spicke|hCoV-19|Canada|BC_1697624/2020|2020-04-00|EPI_ISL_468687|Original|hCoV-19
^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada
>Spike|hCoV-19|Japan|IC-0097/2020|2020-07-00|EPI_ISL_591438|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19|Australia|VIC3194/2020|2020-07-02|EPI_ISL_520880|Original|hCoV-19
^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19|USA|MI-UM-10036130662/2020|2020-09-25|EPI_ISL_583425|Original|hCoV-19
^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>Spike|hCoV-19|India|DL-NCDC5726-CSIR-IGIB/2020|2020-05-23|EPI_ISL_482613|Original|hCoV-19
^India|Human|National Centre for Disease control (NCDC)|OR|NCDC-CSIR-IGIB|Singh|India
>Spike|hCoV-19|Canada|ON-S1827/2020|2020-11-24|EPI_ISL_729291|Original|hCoV-19
^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
>Spike|hCoV-19|South Africa|KRISP-0420/2020|2020-07-01|EPI_ISL_495543|Original|hCoV-19
^KwaZulu-Natal|Human|NHLS-ICALCH|KRISP|de Oliveira|South Africa
>Spike|hCoV-19|England|ALDP-9CAA1A/2020|2020-09-16|EPI_ISL_575693|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Wales|PHWC-169F07/2020|2020-08-25|EPI_ISL_529711|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moor|United Kingdom
>Spice|hCoV-19|England|MILK-A7DD3A/2020|2020-10-13|EPI_ISL_606302|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spice|hCoV-19|USA|WA-UW-23308/2020|2020-08-06|EPI_ISL_576423|Original|hCoV-19
^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spice|hCoV-19|USA|WA-UW-22060/2020|2020-08-03|EPI_ISL_570563|Original|hCoV-19
^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spice|hCoV-19|USA|CA-QDX-1662/2020|2020-03-19|EPI_ISL_603918|Original|hCoV-19
^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spice|hCoV-19|England|ALDP-906186/2020|2020-06-24|EPI_ISL_551445|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spice|hCoV-19|Wales|PHWC-497BDC/2020|2020-11-24|EPI_ISL_726945|Original|hCoV-19
^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moor|United Kingdom
>Spice|hCoV-19|Slovenia|V0-2949/2020|2020-04-01|EPI_ISL_635284|Original|hCoV-19
^Slovenia|Human|Institute of Microbiology and Immunology|Institute of Microbiology and Immunology|Zakotnik|Slovenia
>Spice|hCoV-19|USA|CA-ALSR-3445/2020|2020-09-17|EPI_ISL_636034|Original|hCoV-19
^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spice|hCoV-19|England|PORT-2CFA76/2020|2020-05-15|EPI_ISL_475241|Original|hCoV-19
^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spice|hCoV-19|USA|CA-IGI-0392/2020|2020-07-17|EPI_ISL_754882|Original|hCoV-19
^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA
>Spice|hCoV-19|USA|CA-ALSR-2405/2020|2020-06-30|EPI_ISL_635461|Original|hCoV-19
^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/England/ALDP-A960D8/2020|2020-10-19|EPI_ISL_624838|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/ALDP-B855DC5/2020|2020-11-14|EPI_ISL_674063|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/Burkina Faso/2473/2020|2020-09-11|EPI_ISL_660486|Original|hCoV-19^^N'Dorola|Human|Laboratoire de Microbiologie CHU Souré Sanou|Centre Muraz|Ouedraogo|Burkina Faso
>Spik|hCoV-19/Denmark/DCGC-15537/2020|2020-11-23|EPI_ISL_713878|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spik|hCoV-19/Scotland/QEUH-962A6F/2020|2020-08-10|EPI_ISL_531784|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/USA/MA-MGH-01260/2020|2020-05-04|EPI_ISL_791914|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA
>Spik|hCoV-19/USA/CA/2020|2020-03-20|EPI_ISL_422512|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA
>Spik|hCoV-19/Scotland/QEUH-9E4CD8/2020|2020-09-23|EPI_ISL_601058|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/USA/UT-UPHLS-2012543390/2020|2020-08-12|EPI_ISL_745889|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA
>Spik|hCoV-19/England/QEUH-9437E5/2020|2020-07-12|EPI_ISL_532589|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Scotland/EDB829/2020|2020-04-03|EPI_ISL_439671|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spik|hCoV-19/Czech Republic/NRL_9329/2020|2020-09-25|EPI_ISL_626586|Original|hCoV-19^^Prague|Human|The National Institute of Public Health|State Veterinary Institute Prague|Nagy|Czech Republic
>Spik|hCoV-19/Australia/VIC5328/2020|2020-07-18|EPI_ISL_520091|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spik|hCoV-19/Scotland/QEUH-A77C06/2020|2020-10-14|EPI_ISL_638947|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spik|hCoV-19/England/ALDP-924BDF/2020|2020-06-23|EPI_ISL_551503|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/ALDP-9EE1C0/2020|2020-05-06|EPI_ISL_589410|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Singapore/54/2020|2020-04-08|EPI_ISL_428833|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
>Spik|hCoV-19/Wales/PHWC-16CAB8/2020|2020-09-24|EPI_ISL_574131|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19|Hong Kong|VM20130432/2020|2020-10-09|EPI_ISL_760054|Original|hCoV-19^'^Hong Kong|Human|Hong Kong Department of Health|School of Public Health|Chu|China
>Spik|hCoV-19|Denmark|DCGC-1567/2020|2020-06-15|EPI_ISL_618137|Original|hCoV-19^'^Rovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spik|hCoV-19|Italy|VEN-UniVR-53/2020|2020-03-12|EPI_ISL_751363|Original|hCoV-19^'^Veneto|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy
>Spik|hCoV-19|Japan|PG-3828/2020|2020-07-00|EPI_ISL_692079|Original|hCoV-19^'^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spik|hCoV-19|Panama|340837/2020|2020-04-14|EPI_ISL_496907|Original|hCoV-19^'^Panama West|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama
>Spik|hCoV-19|England|BIRM-67948/2020|2020-11-04|EPI_ISL_650155|Original|hCoV-19^'^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom
>Spik|hCoV-19|England|NORW-EAD32/2020|2020-04-28|EPI_ISL_457371|Original|hCoV-19^'^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alkhan|United Kingdom
>Spik|hCoV-19|Denmark|DCGC-19194/2020|2020-12-07|EPI_ISL_748806|Original|hCoV-19^'^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spik|hCoV-19|Belgium|rega-10191101/2020|2020-10-19|EPI_ISL_735148|Original|hCoV-19^'^Antwerpen|Human|UZ Leuven|K U Leuven|Maes|Belgium
>Spik|hCoV-19|Wales|PHWC-4938BB/2020|2020-11-29|EPI_ISL_725953|Original|hCoV-19^'^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik|hCoV-19|England|QEUH-96248F/2020|2020-08-10|EPI_ISL_531836|Original|hCoV-19^'^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19|Shaoxing/09/2020|2020-02-05|EPI_ISL_463901|Original|hCoV-19^'^Zhejiang|Human|Shaoxing Center for Disease Control and Prevention|Department of Pathology and Laboratory Medicine|Yang|China
>Spik|hCoV-19|England|QEUH-9E4AB0/2020|2020-09-22|EPI_ISL_579854|Original|hCoV-19^'^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19|USA/CA-CZB-11905/2020|2020-10-02|EPI_ISL_672070|Original|hCoV-19^'^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA
>Spik|hCoV-19|Denmark|DCGC-13984/2020|2020-11-30|EPI_ISL_711495|Original|hCoV-19^'^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spik|hCoV-19|Slovenia|V0-498/2020|2020-03-27|EPI_ISL_635291|Original|hCoV-19^'^Slovenia|Human|Institute of Microbiology and Immunology|Institute of Microbiology and Immunology|Zakotnik|Slovenia
>Spik|hCoV-19|USA/UT-UPHL-2012559004/2020|2020-10-22|EPI_ISL_746280|Original|hCoV-19^'^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA
>Spik|hCoV-19|England|ALDP-B5CA48/2020|2020-11-08|EPI_ISL_655941|Original|hCoV-19^'^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19|England|204393758/2020|2020-10-24|EPI_ISL_649883|Original|hCoV-19^'^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spik|hCoV-19|England|CAMC-A648CC/2020|2020-10-11|EPI_ISL_609129|Original|hCoV-19^'^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19|Wales|PHWC-486EAA/2020|2020-10-27|EPI_ISL_639142|Original|hCoV-19^'^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Wales/PHWC-48B6E9/2020|2020-11-03|EPI_ISL_666270|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spikex|hCoV-19/Wales/PHWC-286D3/2020|2020-04-01|EPI_ISL_432355|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spikex|hCoV-19/France/OCC-SC492/2020|2020-03-26|EPI_ISL_660688|Original|hCoV-19|France|Human|CHU Montpellier|CNR Virus des Infections Respiratoires - France SUD|Bal|France
>Spikex|hCoV-19/England/LIVE-A9A1A/2020|2020-03-24|EPI_ISL_517308|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spikex|hCoV-19/England/QEUH-AD56DB/2020|2020-10-26|EPI_ISL_634728|Original|hCoV-19|Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikex|hCoV-19/England/QEUH-A026B7/2020|2020-09-29|EPI_ISL_584923|Original|hCoV-19|England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spikex|hCoV-19/USA/MD-MDH-0454/2020|2020-11-11|EPI_ISL_682066|Original|hCoV-19|USA/MD Public Health Laboratory|USA/MD PHL|Schultz|Australia
>Spikex|hCoV-19/USA/AZ-TG412162/2020|2020-06-25|EPI_ISL_694980|Original|hCoV-19|Arizona|Human|TGen North|TGen North|French|USA
>Spikex|hCoV-19/England/MILK-957098/2020|2020-06-13|EPI_ISL_551445|Original|hCoV-19|England|Human |Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikex|hCoV-19/USA/MD-MDH-0454/2020|2020-11-11|EPI_ISL_682066|Original|hCoV-19|England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson |United Kingdom
>Spikex|hCoV-19/Australia/VIC14770/2020|2020-08-17|EPI_ISL_592992|Original|hCoV-19|Australia|Human |Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spikex|hCoV-19/Denmark/DCGC-15250/2020|2020-11-23|EPI_ISL_713321|Original|hCoV-19|Denmark|Human |Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spikex|hCoV-19/Texas/MDH-MCoV-14459/2020|2020-10-07|EPI_ISL_787744|Original|hCoV-19|Texas|Human |Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spikex|hCoV-19/USA/LA-EVTL646/2020|2020-08-06|EPI_ISL_579050|Original|hCoV-19|Louisiana|Human |LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spikex|hCoV-19/Wales/PHWC-49065A/2020|2020-11-12|EPI_ISL_706498|Original|hCoV-19|Wales|Human |Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spikex|hCoV-19/Scotland/CVR3275/2020|2020-04-29|EPI_ISL_493844|Original|hCoV-19|Scotland|Human |West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spikex|hCoV-19/USA/MD-MDH-0348/2020|2020-10-20|EPI_ISL_648288|Original|hCoV-19|Maryland|Human |MD PHL|MD PHL|Keller|USA
>Spikex|hCoV-19/Denmark/DGCC-2613/2020|2020-08-17|EPI_ISL_617850|Original|hCoV-19|Denmark|Human |Hovedstaden|Department of Virus and Microbiological Special Diagnostics|Michaelsen|Denmark
>Spikex|hCoV-19/Japan/PG-6001/2020|2020-07-00|EPI_ISL_689114|Original|hCoV-19|Japan|Human |Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spikex|hCoV-19/France/PAC-IHU-1632/2020|2020-09-12|EPI_ISL_569241|Original|hCoV-19|France|Human |Provence-Alpes-C\00f4te-d\00e9u 2019/Azur|Human |MEPHI |MEPHI|Levasseur|France
Spike|hCoV-19/USA/FL-BPHL-1619/2020|2020-09-04|EPI_ISL_594309|Original|hCoV-19^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
Spike|hCoV-19/Canada/MB-NPL-769/2020|2020-03-18|EPI_ISL_582305|Original|hCoV-19^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada
Spike|hCoV-19/India/OR-ILSCV19342/2020|2020-05-14|EPI_ISL_463069|Original|hCoV-19^Odisha|Human|Institute of Life Sciences|Immunogenomics lab|Raghav|India
Spike|hCoV-19/England/ALDP-94D91/2020|2020-06-19|EPI_ISL_555670|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Portugal/PT0733/2020|2020-03-21|EPI_ISL_510992|Original|hCoV-19^Portugal|Human|Instituto de Salud (INSA)|Regional Virus genogenomics lab|Raghav|India
Spike|hCoV-19/England/ALDP-9ED185/2020|2020-05-05|EPI_ISL_589277|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/ALDP-9EG7F9/2020|2020-06-17|EPI_ISL_555375|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/TX-HMH-7530/2020|2020-06-25|EPI_ISL_546825|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/Wales/PHWC-496A49/2020|2020-11-23|EPI_ISL_726675|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/England/CAMC-B20A89/2020|2020-11-02|EPI_ISL_647679|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/Wales/PHWC-4955EF/2020|2020-11-23|EPI_ISL_726370|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/Northern Ireland/NIRE-23464B/2020|2020-10-14|EPI_ISL_680418|Original|hCoV-19^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
Spike|hCoV-19/USA/TX-HMH-MCoV-8420/2020|2020-07-01|EPI_ISL_784386|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/England/MLIK-9C260F/2020|2020-09-10|EPI_ISL_566550|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/NORW-F6823/2020|2020-11-10|EPI_ISL_651090|Original|hCoV-19^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Ali Khan|United Kingdom
Spike|hCoV-19/South Korea/KCDC2722/2020|2020-07-12|EPI_ISL_522501|Original|hCoV-19^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea
Spike|hCoV-19/Australia/VIC6248/2020|2020-07-29|EPI_ISL_518241|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19/USA/MI-MDHHS-SC22355/2020|2020-11-10|EPI_ISL_708335|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA
Spike|hCoV-19/Greece/141/2020|2020-03-12|EPI_ISL_434467|Original|hCoV-19^Athens|Human|Laboratory of Microbiology|Laboratory of Biology|Karakasiliotis|Greece
| EPI_ISL_703009 | Original | hCoV-19 | Luxembourg | LNS1566975 | 2020-11-01 | EPI_ISL_739955 | Original | hCoV-19 | Luxembourg | Human | Laboratoire national de santé | 00e9 | Laboratoire national de santé | 00e9 | Wienecke-Baldacchino | Luxembourg |
| EPI_ISL_755005 | Original | hCoV-19 | Indonesia | JK-IEJK34 | 2020-04-23 | EPI_ISL_574610 | Original | hCoV-19 | England | Human | Puskesmas Tambora | Eijkman Institute for Molecular Biology | Soebandrio | Indonesia |
| EPI_ISL_600120 | Original | hCoV-19 | England | TN-CCMB-C10 | 2020-04-29 | EPI_ISL_458036 | Original | hCoV-19 | Tamil Nadu | Human | King Institute of Preventive Medicine & Research | CSIR-Centre for Cellular and Molecular Biology | Banu | India |
| EPI_ISL_600120 | Original | hCoV-19 | England | MILK-A05EF8 | 2020-09-30 | EPI_ISL_600120 | Original | hCoV-19 | England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| EPI_ISL_600120 | Original | hCoV-19 | England | TX-HMH-MCoV | 18583 | 2020-11-20 | EPI_ISL_784931 | Original | hCoV-19 | Texas | Human | Houston Methodist Hospital | Houston Methodist Hospital | Long | USA |
| EPI_ISL_755005 | Original | hCoV-19 | England | CAMC-CB7B38 | 2020-12-19 | EPI_ISL_777696 | Original | hCoV-19 | England | Human | Lighthouse Lab in Cambridge | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| EPI_ISL_703009 | Original | hCoV-19 | England | USA/CA-CDPH231 | 2020-11-15 | EPI_ISL_755005 | Original | hCoV-19 | California | Human | California Department of Public Health | California Department of Public Health | Bell | USA |
| EPI_ISL_739955 | Original | hCoV-19 | England | ALDP-B76125 | 2020-11-12 | EPI_ISL_723736 | Original | hCoV-19 | England | Human | Department of Pathology | COVID-19 Genomics UK (COG-UK) Consortium | Meredith | United Kingdom |
| EPI_ISL_599999 | Original | hCoV-19 | England | USA/CA-CDPHE-2005220420 | 2020-05-21 | EPI_ISL_710308 | Original | hCoV-19 | Colorado | Human | Colorado Department of Public Health and Environment | Colorado Department of Puplic Health and Environment | Bankers | USA |
| EPI_ISL_440653 | Original | hCoV-19 | England | BRIS-1226D8 | 2020-04-05 | EPI_ISL_440653 | Original | hCoV-19 | England | Human | PHE South West Regional Laboratory | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Amato | United Kingdom |
| EPI_ISL_595545 | Original | hCoV-19 | Wales | PHWC-47EA83 | 2020-10-09 | EPI_ISL_595545 | Original | hCoV-19 | Wales | Human | Originating lab | COVID-19 Genomics UK (COG-UK) Consortium | Moore | United Kingdom |
| EPI_ISL_513438 | Original | hCoV-19 | Maine | ME-HETL-J0026 | 2020-03-15 | EPI_ISL_513438 | Original | hCoV-19 | Maine | Human | Maine HETL | Tewhey Lab | Tewhey | USA |
| EPI_ISL_483423 | Original | hCoV-19 | USA/CA-ALSRL-0934-SAN | 2020-05-01 | EPI_ISL_483423 | Original | hCoV-19 | California | Human | UC San Diego Center for Advanced Laboratory Medicine | Andersen lab at Scripps Research | Gangavarapu | USA |
| EPI_ISL_475390 | Original | hCoV-19 | England | SHEF-C5FFB | 2020-05-28 | EPI_ISL_475390 | Original | hCoV-19 | England | Human | Virology Department | COVID-19 Genomics UK (COG-UK) Consortium | de Silva | United Kingdom |
| EPI_ISL_760626 | Original | hCoV-19 | England | QEUH-CC2AA6 | 2020-12-21 | EPI_ISL_760626 | Original | hCoV-19 | England | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| EPI_ISL_767487 | Original | hCoV-19 | New York | Human | Wadsworth Center | Wadsworth Center | Lasek-Nesselquist | USA |
Spike|hCoV-19|India|DL-NCDC6086-19|EPI ISL_482618|Original|hCoV-19^Delhi|Human|National Centre for Disease control (NCDC)|NCDC|Singh|India
Spike|hCoV-19|France/OCC-156|2020-11-18|EPI ISL_751476|Original|hCoV-19^Occitanie|Human|CHU Purpan |Laboratoire de Virologie |Institut F'\u00e9\u00e9ratif de Biologie|CHU Purpan |Laboratoire de Virologie |Institut F'\u00e9\u00e9ratif de Biologie|Latour|France
Spike|hCoV-19|England/MILK-A23B1B|2020-10-03|EPI ISL_638458|Original|hCoV-19^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
Spike|hCoV-19|Malaysia/IMR_WC2453|2020-03-16|EPI ISL_459954|Vero E6|hCoV-19^Kuala Lumpur|Human|Institute for Medical Research|Institute for Medical Research|Suppiah|Malaysia
Spike|hCoV-19|England/ALDP-B23F69|2020-11-04|EPI ISL_646349|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|England/ALDP-9CAF75|2020-09-16|EPI ISL_575698|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA/MD-MDH-0360|2020-10-21|EPI ISL_648296|Original|hCoV-19^Maryland|Human|MD PHL|MD PHL|Keller|USA
Spike|hCoV-19|Belgium/RIM-0407393|2020-04-07|EPI ISL_462247|Original|hCoV-19^Hasselt|Human|KU Leuven|KU Leuven|Maes|Belgium
Spike|hCoV-19|Sweden/20-08765|2020-04-01|EPI ISL_475117|Original|hCoV-19^Halland|Human|Halmstad klinisk mikrobiologi|The Public Health Agency of Sweden|Svartrstr\u00f6d|Sweden
Spike|hCoV-19|Australia/NSW1157|2020-10-15|EPI ISL_629010|Original|hCoV-19^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Royal Prince Alfred Hospital - NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
Spike|hCoV-19|USA/MI-MDHHS-SC22580|2020-11-18|EPI ISL_737154|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
Spike|hCoV-19|USA/CA-SEARCH-5536|2020-11-25|EPI ISL_755282|Original|hCoV-19^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavaranap|USA
Spike|hCoV-19|England/ALDP-9EB28|2020-09-21|EPI ISL_581327|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA/TX-DSHS-1463|2020-06-22|EPI ISL_676627|Original|hCoV-19^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
Spike|hCoV-19|Finland/7LS2AG8|2020-10-07|EPI ISL_756032|Original|hCoV-19^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland
Spike|hCoV-19|England/ALDP-B82B0A|2020-11-14|EPI ISL_675497|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|USA/TX-HMH-6651|2020-06-25|EPI ISL_546146|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|Hungary/UD-93823|2020-10-08|EPI ISL_671486|Original|hCoV-19^Hajd\u00f3d |00fa-Bihar county|Human|University of Debrecen|National Laboratory of Virology|Kemenesi|Hungary
Spike|hCoV-19|USA/MN-UW257|2020-03-13|EPI ISL_418042|Original|hCoV-19^Minnesota|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/England/ALDP-9FD9A8/2020|2020-10-02|EPI_ISL_587983|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikc|hCoV-19/Germany/BE-ChVir-W1398-4386/2020|2020-06-08|EPI_ISL_753826|Original|hCoV-19|Berlin|Human|Charit\u00e9|\u00e9Universit\u00e9|u00e4tsmedizin Berlin|Charit\u00e9|\u00e9Universit\u00e9|u00e4tsmedizin Berlin|Muehlemann|Germany
>Spikc|hCoV-19/Singapore/1012/2020|2020-03-23|EPI_ISL_574497|Original|hCoV-19|Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
>Spikc|hCoV-19/Denmark/DCGC-16974/2020|2020-12-14|EPI_ISL_750679|Original|hCoV-19|Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark
>Spick|hCoV-19/England/QEUH-9DE002/2020|2020-09-21|EPI_ISL_599542|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikc|hCoV-19/Scotland/EDB8119/2020|2020-10-05|EPI_ISL_585480|Original|hCoV-19|Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
>Spikc|hCoV-19/USA/MD-MDH-0099/2020|2020-05-24|EPI_ISL_522834|Original|hCoV-19|Maryland|Human|Maryland Department of Health|Maryland Department of Health|Keller|USA
>Spick|hCoV-19/Netherlands/NH-RIVM-20008/2020|2020-11-21|EPI_ISL_723207|Original|hCoV-19|Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spiek|hCoV-19/England/ALDP-B739D5/2020|2020-11-12|EPI_ISL_664866|Original|hCoV-19|England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spiek|hCoV-19/Scotland/EDB628/2020|2020-03-30|EPI_ISL_433219|Original|hCoV-19|Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spiek|hCoV-19/Denmark/DCGC-5512/2020|2020-09-21|EPI_ISL_620837|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelensen|Denmark
>Spiek|hCoV-19/Wales/PHWC-47EC32/2020|2020-09-26|EPI_ISL_595571|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spikc|hCoV-19/Brazil/RJ-DCV5/2020|2020-07-20|EPI_ISL_509433|Original|hCoV-19|Rio de Janeiro|Human|Centro de Desenvolvimento Tecnologico em Saude|Centro de Desenvolvimento Tecnologico em Saude|Souza|Brazil
>Spikc|hCoV-19/England/CAMB-1BA9AF/2020|2020-11-13|EPI_ISL_664769|Original|hCoV-19|England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spikc|hCoV-19/USA/CA-UCLA-62/2020|2020-03-17|EPI_ISL_537587|Original|hCoV-19|California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA
>Spikc|hCoV-19/Singapore/1514/2020|2020-12-26|EPI_ISL_768630|Original|hCoV-19|Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
>Spikc|hCoV-19/Wales/PHWC-23D79/2020|2020-03-13|EPI_ISL_418111|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spikc|hCoV-19/Germany/NW-HHU-438/2020|2020-10-25|EPI_ISL_733513|Original|hCoV-19|North Rhine-Westphalia|Human|ZOTZ KIMAS MVZ D\u00f6sseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany
>Spikc|hCoV-19/England/CAMB-79A04/2020|2020-03-26|EPI_ISL_438183|Original|hCoV-19|England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spike|hCoV-19/USA/CA-QDX-2515/2020|2020-03-13|EPI_ISL_604762|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spikes|hCoV-19/Scotland/GCVR-171AFC/2020|2020-03-26|EPI_ISL_489408|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/Russia/SVE-RII-MH4666S/2020|2020-08-31|EPI_ISL_733227|Original|hCoV-19^^Sverdlovsk|Human|UMMC-Health|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Spikes|hCoV-19/Wales/PHWC-292A1/2020|2020-04-03|EPI_ISL_432094|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spikes|hCoV-19/England/20129114704/2020|2020-03-21|EPI_ISL_424098|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spikes|hCoV-19/Scotland/QEUH-AOC2C8/2020|2020-10-03|EPI_ISL_599276|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/England/20129115066/2020|2020-10-03|EPI_ISL_619319|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/USA/MI-UM-10035702357/2020|2020-08-28|EPI_ISL_583249|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>Spikes|hCoV-19/Canada/QC-LSPQ-L00231416/2020|2020-03-22|EPI_ISL_535955|Original|hCoV-19^^Quebec|Human|Centre Hospitalier R\u00e9gional de Lanaud\u00e9|Laboratoire de sant\u00e9|Montreal|Canada
>Spikes|hCoV-19/USA/UT-08437/2020|2020-05-12|EPI_ISL_524212|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spikes|hCoV-19/England/ALDP-9CC395/2020|2020-09-16|EPI_ISL_573102|Original|hCoV-19^^England|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/England/CAMB-84FCB/2020|2020-03-12|EPI_ISL_440456|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spikes|hCoV-19/England/ALDP-A84BDC/2020|2020-10-18|EPI_ISL_610562|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/England/QEUH-C57A88/2020|2020-12-12|EPI_ISL_736371|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/England/SHEF-C0655/2020|2020-03-12|EPI_ISL_420292|Original|hCoV-19^^England|Human|Viropoint Department|Department of Infection|de Silva|United Kingdom
>Spikes|hCoV-19/England/ALDP-6B421E/2020|2020-07-01|EPI_ISL_557797|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/England/ALDP-4ADDCE/2020|2020-06-08|EPI_ISL_559648|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/Switzerland/BS-ETHZ-100116/2020|2020-03-16|EPI_ISL_451700|Original|hCoV-19^^Basel-Stadt|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spikes|hCoV-19/Wales/PHWC-4A3D9B/2020|2020-12-12|EPI_ISL_764629|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom
>Spikes|hCoV-19/Italy/LAZ-1NM17/2020|2020-03-04|EPI_ISL_493329|Original|hCoV-19^^Lazio|Human|INMI Lazzaro Spallanzani IRCCS|INMI Lazzaro Spallanzani IRCCS|Gruber|Italy
>Spike|hCoV-19|England/CAMC-C43B8C/2020|2020-12-10|EPI_ISL_719180|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19|Switzerland/BE-ETH2-410207/2020|2020-12-13|EPI_ISL_737720|Original|hCoV-19|Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spik|hCoV-19|USA/NY-Wadsworth-248792/01/2020|2020-10-19|EPI_ISL_734375|Original|hCoV-19|New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
>Spik|hCoV-19|United Arab Emirates/L3300068662/2020|2020-06-07|EPI_ISL_520715|Original|hCoV-19|United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalla Genomics Center|Ramawamy|United Arab Emirates
>Spik|hCoV-19|Australia/VIC13277/2020|2020-07-25|EPI_ISL_641299|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spik|hCoV-19|Denmark/DGCC-12722/2020|2020-11-16|EPI_ISL_682903|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spik|hCoV-19|England/BRIS-12E4D2/2020|2020-04-17|EPI_ISL_488311|Original|hCoV-19|England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19|England/ALDP-AA108F/2020|2020-10-22|EPI_ISL_624458|Original|hCoV-19|England|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19|Denmark/DGCC-2383/2020|2020-08-10|EPI_ISL_617563|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spik|hCoV-19|Russia/MUR-RII-MH6284S/2020|2020-11-10|EPI_ISL_733367|Original|hCoV-19|Murmansk|Human|HELLIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Spik|hCoV-19|England/ALDP-95ACDD/2020|2020-06-11|EPI_ISL_555520|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19|United Arab Emirates/0491/2020|2020-05-18|EPI_ISL_698185|Original|hCoV-19|Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
>Spik|hCoV-19|USA/VA-DCLS-2392/2020|2020-11-24|EPI_ISL_723473|Original|hCoV-19|Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spik|hCoV-19|Belgium/rega-0509652/2020|2020-05-09|EPI_ISL_734723|Original|hCoV-19|Gaurain-Ramecroix|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Spik|hCoV-19|England/20178045604/2020|2020-04-24|EPI_ISL_465421|Original|hCoV-19|England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spik|hCoV-19|Spain/PV-IVB-98007592/2020|2020-09-02|EPI_ISL_582055|Original|hCoV-19|Basque Country|Human|Servicio de Microbiología|00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IVB (CSIC)|Comas|Spain
>Spik|hCoV-19|USA/TX-HMH-MCoV-19204/2020|2020-11-23|EPI_ISL_783689|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19|Wales/PHWc-486244/2020|2020-10-13|EPI_ISL_639023|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik|hCoV-19|England/201620048/2020|2020-04-12|EPI_ISL_466394|Original|hCoV-19|England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/USA/CA-CZB-13967/2020/2020-06-19|EPI_ISL_739149|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA
>SpIke|hCoV-19/England/MILK-63AEB2/2020/2020-07-04|EPI_ISL_557791|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/New Zealand/20VR1794/2020/2020-03-22|EPI_ISL_579131|Original|hCoV-19^^Counties Manukau|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
>SpIke|hCoV-19/USA/UT-UPHL-2012546162/2020/2020-07-27|EPI_ISL_745709|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA
>SpIke|hCoV-19/England/NOTT-11C774/2020/2020-11-17|EPI_ISL_650830|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) consortium|Loose|United Kingdom
>SpIke|hCoV-19/USA/NY-WCMP3E02P/2020/2020-03-12|EPI_ISL_427530|Original|hCoV-19^^New York|Human|NewYork-Presbyterian & Mason Lab|Mason Lab|Mason|USA
>SpIke|hCoV-19/USA/UN-CD-7414/2020/2020-04-20|EPI_ISL_514064|Original|hCoV-19^^USA|Human|Navy and Marine Corps Public Health Center|Pathogen Discovery|Queen|USA
>SpIke|hCoV-19/England/ALDP-9CBE77/2020/2020-09-16|EPI_ISL_575407|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/Scotland/QEUH-BEA61/2020/2020-12-04|EPI_ISL_710615|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/England/OXON-AE198/2020/2020-00-00|EPI_ISL_448669|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) consortium|Golubchik|United Kingdom
>SpIke|hCoV-19/England/QEUH-A223AB/2020/2020-10-01|EPI_ISL_587540|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/England/ALDP-B74C17/2020/2020-11-12|EPI_ISL_678988|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) consortium|Loose|United Kingdom
>SpIke|hCoV-19/England/LIVE-DC892A/2020/2020-11-17|EPI_ISL_703051|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) consortium|Haldenby|United Kingdom
>SpIke|hCoV-19/Italy/LOM-INMI-10734/2020/2020-02-24|EPI_ISL_568579|Vero|hCoV-19^^Lombardy|Human|Virus Molecular Laboratory of the Microbiology and Virology Department|INMI Lazzaro Spallanzani IRCCS|Gruber|Italy
>SpIke|hCoV-19/England/QEUH-9B4F14/2020/2020-09-07|EPI_ISL_590315|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/USA/TX-HMH-MCoV-10328/2020/2020-07-08|EPI_ISL_789425|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Long|USA
>SpIke|hCoV-19/England/MILK-B8F235/2020/2020-11-13|EPI_ISL_675332|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/England/MILK-991733/2020/2020-08-20|EPI_ISL_576987|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) consortium|Bashton|United Kingdom
>SpIke|hCoV-19/Netherlands/Houten_136348/2020/2020-02-29|EPI_ISL_413575|Original|hCoV-19^^Houten|Human|RIVM|Erasmus Medical Center|Oude Munnink|Netherlands
>SpIke|hCoV-19/Wales/PHWC-48F296/2020/2020-11-09|EPI_ISL_681068|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom
| Country  | Region   | Lab Name                  | Affiliation                                      |
|----------|----------|---------------------------|--------------------------------------------------|
| England  | 19/England/QEUH-B67DD8 | 2020-11-11 | EPI_ISL_655148 | Original | hCoV-19 ^``England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom |
| USA      | CA-CZB   | 2020-05-19 | EPI_ISL_672273 | Original | hCoV-19 ^``California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA |
| England  | CAMB-789AE | 2020-04-06 | EPI_ISL_433800 | Original | hCoV-19 ^``England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom |
| Sweden   | Smura    | 2020-03-29 | EPI_ISL_438378 | Original | hCoV-19 ^``Sweden|Human|Laboratoriemedicin|The Public Health Agency of Sweden|Svartholm|Sweden |
| Sweden   | Daltorp  | 2020-08-31 | EPI_ISL_616058 | Original | hCoV-19 ^``Sweden|Human|Laboratoriemedicin|The Public Health Agency of Sweden|Svartholm|Sweden |
| USA      | NY-NYUMC | 2020-04-15 | EPI_ISL_435512 | Original | hCoV-19 ^``New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA |
| France   | ARA93236 | 2020-10-23 | EPI_ISL_640014 | Original | hCoV-19 ^``Avuvergne-Rhone-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France |
| England  | MILK-024F8 | 2020-10-24 | EPI_ISL_642812 | Original | hCoV-19 ^``England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom |
| Australia| VIC11615 | 2020-07-22 | EPI_ISL_563434 | Original | hCoV-19 ^``Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|Michaelsen|Australia |
| USA      | AZ-TG498737 | 2020-07-14 | EPI_ISL_695268 | Original | hCoV-19 ^``Arizona|Human|TGen North|TGen North|French|USA |
| Japan    | PG-5014  | 2020-08-00 | EPI_ISL_690125 | Original | hCoV-19 ^``Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan |
| Wales    | PHWC-4A3C43 | 2020-12-12 | EPI_ISL_764610 | Original | hCoV-19 ^``Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom |
| Australia| VIC11615 | 2020-07-22 | EPI_ISL_563434 | Original | hCoV-19 ^``Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|Michaelsen|Australia |
| UK       | QEUH     | 2020-09-21 | EPI_ISL_620796 | Original | hCoV-19 ^``England|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|Michaelsen|UK |
| Denmark  | DCGC-3258 | 2020-08-31 | EPI_ISL_616058 | Original | hCoV-19 ^``Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark |
| Ireland  | NIRE-FB633 | 2020-03-28 | EPI_ISL_448959 | Original | hCoV-19 ^``Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom |
| Japan    | PG-5014  | 2020-08-00 | EPI_ISL_690125 | Original | hCoV-19 ^``Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan |
| USA      | AZ-TG498737 | 2020-07-14 | EPI_ISL_695268 | Original | hCoV-19 ^``Arizona|Human|TGen North|TGen North|French|USA |
| Japan    | PG-5014  | 2020-08-00 | EPI_ISL_690125 | Original | hCoV-19 ^``Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan |
| USA      | AZ-TG498737 | 2020-07-14 | EPI_ISL_695268 | Original | hCoV-19 ^``Arizona|Human|TGen North|TGen North|French|USA |
| Wales    | PHWC-4A3C43 | 2020-12-12 | EPI_ISL_764610 | Original | hCoV-19 ^``Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom |
| UK       | QEUH     | 2020-09-21 | EPI_ISL_620796 | Original | hCoV-19 ^``England|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|Michaelsen|UK |
| UK       | CAMB     | 2020-11-23 | EPI_ISL_714063 | Original | hCoV-19 ^``England|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|UK |
| Denmark  | DCGC-18542 | 2020-12-07 | EPI_ISL_750032 | Original | hCoV-19 ^``Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark |
| Finland  | 14MR8cb5 | 2020-11-14 | EPI_ISL_757293 | Original | hCoV-19 ^``Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland |
| Sweden   | 20-08718 | 2020-04-02 | EPI_ISL_450837 | Original | hCoV-19 ^``Sweden|Human|Laboratoriemedicin|The Public Health Agency of Sweden|Svartholm|Sweden |
| England  | QEUH     | 2020-09-04 | EPI_ISL_590572 | Original | hCoV-19 ^``England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom |
>Spike|hCoV-19/England/CAMC-B08BA2/2020|2020-10-30|EPI_ISL_672997|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spa|hCoV-19/England/CAMC-B799FD/2020|2020-11-12|EPI_ISL_668042|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spa|hCoV-19/Australia/VIC12043/2020|2020-07-26|EPI_ISL_562063|Original|hCoV-19
^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spa|hCoV-19/USA/CA-QDX-1599/2020|2020-03-19|EPI_ISL_603900|Original|hCoV-19
^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spa|hCoV-19/Madagascar/VIRO-2722/2020|2020-03-26|EPI_ISL_677635|Original|hCoV-19
^Toamasina|Human|Virology Unit|Virology Unit|Brook|Madagascar
>Spa|hCoV-19/USA/WI-UW-920/2020|2020-07-11|EPI_ISL_509921|Original|hCoV-19
^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spa|hCoV-19/England/MILK-B391C4/2020|2020-11-01|EPI_ISL_659095|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spa|hCoV-19/England/ALDP-A7012C/2020|2020-10-15|EPI_ISL_608278|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spa|hCoV-19/Japan/IC-0594/2021|2021-01-00|EPI_ISL_779680|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
>Spa|hCoV-19/England/ALDP-9E6CF4/2020|2020-09-24|EPI_ISL_580388|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spa|hCoV-19/Portugal/PT0173/2020|2020-03-28|EPI_ISL_453889|Original|hCoV-19
^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal
>Spa|hCoV-19/USA/AZ-TG345029/2020|2020-06-01|EPI_ISL_694387|Original|hCoV-19
^Arizona|Human|TGen North|TGen North|French|USA
>Spa|hCoV-19/Denmark/DGCC-1165/2020|2020-11-02|EPI_ISL_670429|Original|hCoV-19
^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark
>Spa|hCoV-19/England/CAMC-C4423B/2020|2020-12-10|EPI_ISL_719407|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spa|hCoV-19/England/NORW-F9CD9/2020|2020-12-14|EPI_ISL_741594|Original|hCoV-19
^England|Human|Quadrum Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spa|hCoV-19/USA/TX-HMW-MCoV-10253/2020|2020-07-07|EPI_ISL_789393|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spa|hCoV-19/Ireland/D-NVRL-AIIDM0162v1/2020|2020-09-23|EPI_ISL_768770|Original|hCoV-19
^Dublin|Human|AID|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland
>Spa|hCoV-19/Wales/MILK-9A6CD2/2020|2020-09-03|EPI_ISL_550159|Original|hCoV-19
^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spa|hCoV-19/England/ALDP-952604/2020|2020-06-09|EPI_ISL_555711|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spa|hCoV-19/England/MILK-AC7EC5/2020|2020-10-21|EPI_ISL_634366|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spa|hCoV-19/India/OR-MW30/2020|2020-05-26|EPI_ISL_508434|Original|hCoV-19
^Odisha|Human|Mahatma Gandhi Institute of Medical Sciences|National Institute of Biomedical Genomics|Maitra|India
>Spike|hCoV-19|England|CAMC-9D1E41/2020|2020-09-19|EPI_ISL_601618|Original|hCoV-19\^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19|Brazil|PE-TAM1348/2020|2020-05-11|EPI_ISL_572389|Original|hCoV-19\^Pernambuco|Human|LACEN/PE|Wallulab|Wallul|Brazil
>Spik|hCoV-19|Spain|AN-IBV-98001204/2020|2020-03-25|EPI_ISL_538207|Original|hCoV-19\^Andalucia|Human|Servicio de Microbiolog\^u00eda y Parasitolog\^u00eda cl\u00ednica. UCEIMP. Hospital Universitario Virgen del Roc\^u00edo/IBS/CSIC/US|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
>Spik|hCoV-19|Singapore|1308/2020|2020-05-17|EPI_ISL_648795|Original|hCoV-19\^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore
>Spik|hCoV-19|USA/TX-HMH-MCOV-15866/2020|2020-07-10|EPI_ISL_785550|Original|hCoV-19\^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19|Denmark|DGCC-20927/2020|2020-12-21|EPI_ISL_759452|Original|hCoV-19\^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spik|hCoV-19|Mexico|CHH-IndRE-46/2020|2020-06-28|EPI_ISL_516614|Original|hCoV-19\^Chihuahua|Human|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Rodriguez|Mexico
>Spik|hCoV-19|England|SHEF-10B2DC7/2020|2020-05-16|EPI_ISL_537237|Original|hCoV-19\^England|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19|USA/TX-HMH-5280/2020|2020-06-23|EPI_ISL_544649|Original|hCoV-19\^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19|USA/NY-NYCPHL-000677/2020|2020-03-13|EPI_ISL_632095|Original|hCoV-19\^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA
>Spik|hCoV-19|Wales/ALDP-C04DFA/2020|2020-12-03|EPI_ISL_767303|Original|hCoV-19\^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19|England/MILK-B01FBC/2020|2020-10-23|EPI_ISL_643002|Original|hCoV-19\^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19|Netherlands/UT-RIVM-10383/2020|2020-10-08|EPI_ISL_636581|Original|hCoV-19\^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spik|hCoV-19|England/CAMC-A3F648/2020|2020-10-05|EPI_ISL_609769|Original|hCoV-19\^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19|South Africa/KRISP-K002378/2020|2020-07-20|EPI_ISL_515744|Original|hCoV-19\^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
>Spik|hCoV-19|USA/UT-08535/2020|2020-05-18|EPI_ISL_524296|Original|hCoV-19\^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spik|hCoV-19|Netherlands/ZH-EMC-675/2020|2020-10-02|EPI_ISL_632375|Original|hCoV-19\^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands
>Spik|hCoV-19|England/CWAR-24FE092/2020|2020-05-02|EPI_ISL_584569|Original|hCoV-19\^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom
>Spik|hCoV-19|Denmark/DGCC-6468/2020|2020-10-12|EPI_ISL_620368|Original|hCoV-19\^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spik|hCoV-19|England/ALDP-BB4DEB/2020|2020-11-20|EPI_ISL_702491|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/EDB10196/2020|2020-09-17|EPI_ISL_680497|Original|hCoV-19
^Scotland|Human|Virolology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

> Spike|hCoV-19/Netherlands/UT-EMC-55/2020|2020-06-03|EPI_ISL_523532|Original|hCoV-19
^England|Human|COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

> Spike|hCoV-19/England/QEUH-BCB8C2/2020|2020-11-27|EPI-ISL 704069|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/England/CAMC-BD4662/2020|2020-11-27|EPI-ISL 702194|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/USA/WA-S928/2020|2020-04-23|EPI-ISL 463418|Original|hCoV-19
^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

> Spike|hCoV-19/England/210100377/2021|2021-01-04|EPI-ISL 791255|Original|hCoV-19
^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

> Spike|hCoV-19/England/CAMB-7BE06/2020|2020-04-05|EPI-ISL 442086|Original|hCoV-19
^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

> Spike|hCoV-19/England/QEUH-A36BF7/2020|2020-10-05|EPI-ISL 638703|Original|hCoV-19
^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/England/MILK-B8872E/2020|2020-11-14|EPI-ISL 674275|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/USA/MI-MDHS-SC20423/2020|2020-03-16|EPI-ISL 452297|Original|hCoV-19
^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

> Spike|hCoV-19/USA/TX-HMH-MCoV-13811/2020|2020-08-17|EPI-ISL 787104|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

> Spike|hCoV-19/Japan/PG-2162/2020|2020-04-00|EPI-ISL 685767|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

> Spike|hCoV-19/England/CAMC-CB892E/2020|2020-12-19|EPI-ISL 777845|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/USA/MI-MDHS-SC20423/2020|2020-03-16|EPI-ISL 452297|Original|hCoV-19
^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

> Spike|hCoV-19/USA/TX-HMH-MCoV-13811/2020|2020-08-17|EPI-ISL 787104|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

> Spike|hCoV-19/England/QEUH-A4D8F6/2020|2020-10-04|EPI-ISL 627294|Original|hCoV-19
^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

> Spike|hCoV-19/USA/MI-MDHS-SC22543/2020|2020-11-04|EPI-ISL 708602|Original|hCoV-19
^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

> Spike|hCoV-19/England/ALDP-CEC183/2020|2020-12-19|EPI-ISL 781433|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/England/ALDP-A95640/2020|2020-10-20|EPI-ISL 624801|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
COVID-19

England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Turkey|IST-GLAB-151|2020-05-03|EPI_ISL_735284|Original|hCoV-19

Istanbul|Human|Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)|Genomic Laboratory (GLAB)|Karacan|Turkey

USA/CA-CHLA-PLM07482754|2020-11-30|EPI_ISL_753446|Original|hCoV-19

California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

Australia/VIC12071|2020-08-11|EPI_ISL_641034|Original|hCoV-19

Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

Wales/MILK-B06236|2020-10-24|EPI_ISL_647823|Original|hCoV-19

Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

England/ALDP-9CCF19|2020-09-16|EPI_ISL_566405|Original|hCoV-19

England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Denmark/DCGC-15002|2020-11-23|EPI_ISL_713103|Original|hCoV-19

Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

USA/WA-UW-11443|2020-06-23|EPI_ISL_570409|Original|hCoV-19

Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

Japan/PG-0694|2020-00-00|EPI_ISL_684304|Original|hCoV-19

Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

Denmark/DCGC-15496|2020-11-23|EPI_ISL_713854|Original|hCoV-19

Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

Canada/MB-NML-797|2020-06-16|EPI_ISL_582316|Original|hCoV-19

Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Major|Canada

Australia/SAP520|2020-10-24|EPI_ISL_603125|Original|hCoV-19

South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

Denmark/DCGC-8679|2020-10-26|EPI_ISL_626012|Original|hCoV-19

Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

Wales/PHWC-252F0|2020-03-22|EPI_ISL_432177|Original|hCoV-19

Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

Scotland/CVRS5862|2020-11-16|EPI_ISL_666052|Original|hCoV-19

Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

England/ALDP-C59743|2020-11-03|EPI_ISO_6679|Original|hCoV-19

England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

England/ALDP-9E2CB|2020-06-19|EPI_ISL_555583|Original|hCoV-19

England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Australia/VIC12915|2020-07-28|EPI_ISO_592107|Original|hCoV-19

Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

USA/TX-HM-CHAM-25504|2020-10-23|EPI_ISO_786988|Original|hCoV-19

Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

USA/TX-HM-6481|2020-06-27|EPI_ISO_546027|Original|hCoV-19

Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

England/CAMC-B21AC4|2020-11-01|EPI_ISO_647294|Original|hCoV-19

England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/OR-PROV-026/2020|2020-03-29|EPI_ISL_482310|Original|hCoV-19|Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowell|USA

>Spike|hCoV-19/England/MILK-B3B2DE/2020|2020-11-01|EPI_ISL_679749|Original|hCoV-19|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/OEUH-B6AC8D/2020|2020-11-11|EPI_ISL_655005|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7811F/2020|2020-04-01|EPI_ISL_441160|Original|hCoV-19|England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Australia/VIC5070/2020|2020-07-17|EPI_ISL_519873|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-9E2B91/2020|2020-09-21|EPI_ISL_581279|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A645B6/2020|2020-10-11|EPI_ISL_608982|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B36491/2020|2020-11-05|EPI_ISL_645347|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10035926038/2020|2020-09-12|EPI_ISL_583395|Original|hCoV-19|Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/MA-MASPHL-00134/2020|2020-04-03|EPI_ISL_791608|Original|hCoV-19|Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Wales/MILK-9D4CCC/2020|2020-09-19|EPI_ISL_601613|Original|hCoV-19|Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-E9AA5/2020|2020-04-30|EPI_ISL_461843|Original|hCoV-19|England|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/MILK-9952C5/2020|2020-08-24|EPI_ISL_552218|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CDPH020/2020|2020-03-07|EPI_ISL_515913|Original|hCoV-19|California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/England/BRIS-12D093/2020|2020-04-25|EPI_ISL_481919|Original|hCoV-19|England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-C51699/2020|2020-12-11|EPI_ISL_769681|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Iceland/417/2020|2020-03-19|EPI_ISL_424441|Original|hCoV-19|Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f4nsson|Iceland

>Spike|hCoV-19/Canada/MB-NML-838/2020|2020-03-26|EPI_ISL_582329|Original|hCoV-19|Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Major|Canada

>Spike|hCoV-19/England/NORT-283ABA/2020|2020-04-02|EPI_ISL_488688|Original|hCoV-19|England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A568F/2020|2020-12-15|EPI_ISL_764901|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
**Spike** | hCoV-19 | New Zealand | 20CV0362/2020 | 2020-09-21 | EPI-ISL_579105 | Original | hCoV-19
**Spike** | hCoV-19 | Human | LabPLUS | Institute of Environmental Science and Research (ESR) | Wang | New Zealand

> Spike | hCoV-19 | United Arab Emirates | 0224/2020 | 2020-05-17 | EPI-ISL_698409 | Original | hCoV-19
> Spike | hCoV-19 | Australia | VIC716/2020 | 2020-03-27 | EPI-ISL_427001 | Original | hCoV-19
> Spike | Victoria | Human | Infectious Diseases Reference Laboratory (VIDRL) | Microbiological Diagnostic Unit - Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory | Schultz | Australia

> Spike | hCoV-19 | England | CAMC-9E0E08/2020 | 2020-09-24 | EPI-ISL_584424 | Original | hCoV-19
> Spike | hCoV-19 | England | CAMC-94915A/2020 | 2020-07-15 | EPI-ISL_556816 | Original | hCoV-19
> Spike | hCoV-19 | England | Lighthouse Lab in Cambridge | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> Spike | hCoV-19 | South Africa | KRISP-K002609/2020 | 2020-07-30 | EPI-ISL_535473 | Original | hCoV-19
> Spike | hCoV-19 | England | CAMC-A411E8/2020 | 2020-10-07 | EPI-ISL_609321 | Original | hCoV-19
> Spike | hCoV-19 | England | Lighthouse Lab in Cambridge | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> Spike | hCoV-19 | Scotland | EDB8814/2020 | 2020-10-26 | EPI-ISL_652002 | Original | hCoV-19
> Spike | hCoV-19 | Scotland | Pathogen Genomics Center | Pathogen Genomics Center | Sekizuka | Japan

> Spike | hCoV-19 | England | MILK-BAC627/2020 | 2020-11-18 | EPI-ISL_681383 | Original | hCoV-19
> Spike | hCoV-19 | England | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> Spike | hCoV-19 | England | NORT-2985B1/2020 | 2020-04-22 | EPI-ISL_488078 | Original | hCoV-19
> Spike | hCoV-19 | England | Lighthouse Lab in Cambridge | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> Spike | hCoV-19 | England | 204490924/2020 | 2020-10-30 | EPI-ISL_660760 | Original | hCoV-19
> Spike | hCoV-19 | England | Respiratory Virus Unit | COVID-19 Genomics UK (COG-UK) consortium | Platt | United Kingdom

> Spike | hCoV-19 | Wales | PHWC-33AAC/2020 | 2020-04-20 | EPI-ISL_446782 | Original | hCoV-19
> Spike | hCoV-19 | Wales | Human | Wales Specialist Virology Centre | Public Health Wales Microbiology Cardiff | Moore | United Kingdom

> Spike | hCoV-19 | USA | FL-BPHL-0497/2020 | 2020-03-25 | EPI-ISL_495403 | Original | hCoV-19
> Spike | hCoV-19 | Florida | Human | Florida Bureau of Public Health Laboratories | Florida Bureau of Public Health Laboratories | Blanton | USA

> Spike | hCoV-19 | England | QEUH-AD438A/2020 | 2020-10-26 | EPI-ISL_634520 | Original | hCoV-19
> Spike | hCoV-19 | England | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> Spike | hCoV-19 | Japan | PG-5926/2020 | 2020-08-09 | EPI-ISL_689041 | Original | hCoV-19
> Spike | hCoV-19 | Japan | Pathogen Genomics Center | Pathogen Genomics Center | Sekizuka | Japan

> Spike | hCoV-19 | Malaysia | IMR-CV140352/2020 | 2020-09-01 | EPI-ISL_718306 | Original | hCoV-19
> Spike | hCoV-19 | Malaysia | Human | Institute for Medical Research | Institute for Medical Research | Suppiah | Malaysia

> Spike | hCoV-19 | England | QEUH-B311BD/2020 | 2020-11-04 | EPI-ISL_646202 | Original | hCoV-19
> Spike | hCoV-19 | England | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom

> Spike | hCoV-19 | Spain | MD-HLP-R5-8/2020 | 2020-03-03 | EPI-ISL_417980 | Original | hCoV-19
> Spike | hCoV-19 | Madrid | Human | Hospital Universitario Ram\'u00f3n y Cajal | Hospital Universitario La Paz | Viedma | Spain

> Spike | hCoV-19 | Australia | VIC12462/2020 | 2020-07-27 | EPI-ISL_591997 | Original | hCoV-19
> Spike | hCoV-19 | Victoria | Human | Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) | MDU-PHL | Schultz | Australia

> Spike | hCoV-19 | USA | TX-HMHC-MCoV-8122/2020 | 2020-06-30 | EPI-ISL_784213 | Original | hCoV-19
> Spike | hCoV-19 | Texas | Human | Houston Methodist Hospital | Houston Methodist Hospital | Long | USA
>Spike|hCoV-19/England/20129038304/2020|2020-03-21|EPI_ISL_424040|Original|hCoV-19
>England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/USA/MI-MDHSS-SC20472/2020|2020-03-31|EPI_ISL_460011|Original|hCoV-19
>Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/Thailand/UDC302025-3/2020|2020-04-09|EPI_ISL_450990|Original|hCoV-19
>Thailand|Human|Center of Excellence in Clinical Virology|Center of Excellence in Clinical Virology|Poovorawan|Thailand
>Spike|hCoV-19/USA/Minnesota/1505/2020|2020-03-25|EPI_ISL_518898|Original|hCoV-19
>Minnesota|Human|Minnesota Department of Health and Human Services|Minnesota Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/Luxembourg/LNS2131206/2020|2020-10-21|EPI_ISL_740064|Original|hCoV-19
>Luxembourg|Human|Laboratoire national de santé|Laboratoire national de santé|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/USA/AZ-TG520651/2020|2020-07-20|EPI_ISL_695372|Original|hCoV-19
>Arizona|Human|TGen North|TGen North|French|USA
>Spike|hCoV-19/England/ALDP-C57C37/2020|2020-12-14|EPI_ISL_735908|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/GCVR-17227B/2020|2020-03-30|EPI_ISL_469965|Original|hCoV-19
>Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre | MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/MI-MDHSS-SC21451/2020|2020-03-21|EPI_ISL_507705|Original|hCoV-19
>Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/England/SHEF-10CD734/2020|2020-12-16|EPI_ISL_727915|Original|hCoV-19
>England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/Switzerland/SH-ETHZ-340109/2020|2020-10-26|EPI_ISL_721855|Original|hCoV-19
>Schaffhausen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/England/ALDP-9E68C3/2020|2020-09-24|EPI_ISL_580599|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WI-UW-1473/2020|2020-09-10|EPI_ISL_541605|Original|hCoV-19
>Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/England/CAMB-72203/2020|2020-03-29|EPI_ISL_439869|Original|hCoV-19
>England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-5132/2020|2020-06-21|EPI_ISL_544548|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Spain/PS-IVB-98008274/2020|2020-10-02|EPI_ISL_654556|Original|hCoV-19
>Basque Country|Human|Servicio de Microbiología|00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00e1rea de Enfermedades Infectiosas|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain
>Spike|hCoV-19/Australia/VIC10798/2020|2020-07-30|EPI_ISL_563096|Original|hCoV-19
>Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Japan/PG-5485/2020|2020-08-08|EPI_ISL_690587|Original|hCoV-19
>Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Luxembourg/LNS9468406/2020|2020-10-23|EPI_ISL_744922|Original|hCoV-19
>Luxembourg|Human|Laboratoire national de santé|Laboratoire national de santé|Winter|Luxembourg
>Spike|hCoV-19/USA/WI-11435/2020|2020-05-05|EPI_ISL_475210|Original|hCoV-19
>Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA
>Spike|hCoV-19/England/MILK-A6BCE7/2020|2020-10-08|EPI_ISL_609001|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMC-B0A50C/2020|2020-10-30|EPI_ISL_673204|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Canada/ON-S1461/2020|2020-08-00|EPI_ISL_770834|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
>Spike|hCoV-19/USA/CA-CHLA-PLM78059394/2020|2020-11-21|EPI_ISL_753411|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA
>Spike|hCoV-19/USA/MI-QDX-473/2020|2020-03-21|EPI_ISL_571207|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/Italy/APU-IZSPB-201PT/2020|2020-08-28|EPI_ISL_722869|Original|hCoV-19^^Apulia|Human|I.R.C.C.S. S. De Bellis - Ente Ospedaliero Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy
>Spike|hCoV-19/Denmark/DGCC-18560/2020|2020-12-07|EPI_ISL_750044|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/CAMC-B331CA/2020|2020-11-05|EPI_ISL_659250|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DGCC-5292/2020|2020-09-14|EPI_ISL_615223|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/NY-NYUMC364/2020|2020-04-09|EPI_ISL_430391|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
>Spike|hCoV-19/England/NOTT-1173E/2020|2020-10-25|EPI_ISL_612587|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19/England/MILK-993A92/2020|2020-08-27|EPI_ISL_552428|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/PG-4526/2020|2020-07-00|EPI_ISL_689664|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/CAMB-7CEAB/2020|2020-04-06|EPI_ISL_441603|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/England/QUEUH-9874E5/2020|2020-09-07|EPI_ISL_590504|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Portugal/PT2055/2020|2020-11-09|EPI_ISL_732269|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal
>Spike|hCoV-19/USA/TX-DSHS-1870/2020|2020-06-24|EPI_ISL_745303|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spike|hCoV-19/England/ALDP-A86396/2020|2020-10-17|EPI_ISL_606099|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WY-WYPHL-20015627/2020|2020-05-18|EPI_ISL_540921|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Sevinsky|USA
>Spike|hCoV-19/Japan/PG-0502/2020|2020-04-04|EPI_ISL_480161|Original|hCoV-19^^HokurikuShinsyu|Human|Fukuoka Prefectural Institute of Public Health and Environmental Science|Pathogen Genomics Center|Sekizuka|Japan
> Spike| hCoV-19/Wales/PHWC-495233/2020| 2020-11-22| EPI_ISL_726315| Original|hCoV-19| ^Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom

> Spike| hCoV-19/England/MILK-B8F4A8/2020| 2020-11-13| EPI_ISL_674727| Original|hCoV-19| ^England| Human| Lighthouse Lab in Milton Keynes| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom

> Spike| hCoV-19/Northern Ireland/QEUH-96CBEA/2020| 2020-08-21| EPI_ISL_530699| Original|hCoV-19| ^Northern Ireland| Human| Lighthouse Lab in Glasgow| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom

> Spike| hCoV-19/Australia/VIC7910/2020| 2020-08-06| EPI_ISL_564739| Original|hCoV-19| ^Victoria| Human| Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)| MDU-PHL| Schultz| Australia

> Spike| hCoV-19/Scotland/EDB1399/2020| 2020-11-14| EPI_ISL_675223| Original|hCoV-19| ^Scotland| Human| Lighthouse Lab in Cambridge| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom

> Spike| hCoV-19/England/ALDP-B83C06/2020| 2020-11-14| EPI_ISL_675223| Original|hCoV-19| ^England| Human| Lighthouse Lab in Aldey Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom

> Spike| hCoV-19/USA/WA-UW191/2020| 2020-03-13| EPI_ISL_416729| Original|hCoV-19| ^Washington| Human| UW Virology Lab| UW Virology Lab| Roychoudhury| USA

> Spike| hCoV-19/England/ALDP-C88D2B/2020| 2020-12-16| EPI_ISL_756686| Original|hCoV-19| ^England| Human| Lighthouse Lab in Aldey Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom

> Spike| hCoV-19/Scotland/EDB1399/2020| 2020-04-11| EPI_ISL_491508| Original|hCoV-19| ^Scotland| Human| Quadram Institute Bioscience| COVID-19 Genomics UK (COG-UK) Consortium| Alikhan| United Kingdom

> Spike| hCoV-19/Japan/PG-8482/2020| 2020-08-00| EPI_ISL_687581| Original|hCoV-19| ^Japan| Human| Pathogen Genomics Center| Pathogen Genomics Center| Sekizuka| Japan

> Spike| hCoV-19/England/OXON-AEA15/2020| 2020-00-00| EPI_ISL_448747| Original|hCoV-19| ^England| Human| Oxford Viromics| COVID-19 Genomics UK (COG-UK) Consortium| Golubchik| United Kingdom

> Spike| hCoV-19/USA/NY-Wadsworth-29275-01/2020| 2020-03-25| EPI_ISL_426314| Original|hCoV-19| ^New York| Human| Wadsworth Center| Wadsworth Center| Lasek-Nesselquist| USA

> Spike| hCoV-19/USA/MI-QDX-1154/2020| 2020-03-24| EPI_ISL_571884| Original|hCoV-19| ^Michigan| Human| Quest Diagnostics| Quest Diagnostics| Kagan| USA

> Spike| hCoV-19/USA/LA-EVTL921/2020| 2020-08-11| EPI_ISL_653612| Original|hCoV-19| ^Louisiana| Human| LSUHS Emerging Viral Threat Laboratory| Microbial Genome Sequencing Center| Ramil| USA
Spike|hCoV-19/England/MILK-A06316/2020|2020-10-01|EPI_ISL_600081|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|O'Roak|United Kingdom
Spike|hCoV-19/Wales/PHWC-480B5E/2020|2020-10-22|EPI_ISL_612976|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom
Spike|hCoV-19/Chile/ALMG-30/2020|2020-03-16|EPI ISL 454309|Original|hCoV-19^Chile|Human|Mutual de Seguridad C.C.|Instituto de Salud Pública de Chile|Fernandez|Chile
Spike|hCoV-19/USA/OR-ORHSU-1469/2020|2020-07-17|EPI ISL_509210|Original|hCoV-19^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA
Spike|hCoV-19/Wales/PHWC-48846A/2020|2020-10-28|EPI ISL_639394|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom
Spike|hCoV-19/Brazil/RJ|2020-01-01|EPI ISL 596707|Original|hCoV-19^Brazil|Human|Laboratorio de Virologia Molecular | UFRJ|Bioinformatics Laboratory |LNCC|Almeida|Brazil
Spike|hCoV-19/England/ALDP-B5900/2020|2020-11-08|EPI ISL_655498|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
Spike|hCoV-19/England/LOND-1264D77/2020|2020-11-22|EPI ISL_724565|Original|hCoV-19^England|Human|University College London|COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
Spike|hCoV-19/Belgium/rega-0419534/2020|2020-04-19|EPI ISL_734627|Original|hCoV-19^Belgium|Human|UZ Leuven|KU Leuven|Maastricht University|NYU Langone Health|Department of Pathology and Medicine|Maurano|USA
Spike|hCoV-19/Scotland/EDB3977/2020|2020-05-03|EPI ISL_449269|Original|hCoV-19^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
Spike|hCoV-19/United Arab Emirates/L920716500/2020|2020-05-02|EPI ISL_520742|Original|hCoV-19^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramawamy|United Arab Emirates
Spike|hCoV-19/Spain/MD-IBV-99012412/2020|2020-11-24|EPI ISL_780038|Original|hCoV-19^Madrid|Human|Hospital General Universitario Gregorio Marañón|SeqCOVID-SPAIN consortium|IVB|Comas|Spain
Spike|hCoV-19/Denmark/DCGC-7631/2020|2020-10-19|EPI ISL_618504|Original|hCoV-19^Nordjjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albersen lab|Aarhus University|Michaelsen|Denmark
Spike|hCoV-19/England/NORW-EE299/2020|2020-04-24|EPI ISL_490523|Original|hCoV-19^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) consortium|Alikhan|United Kingdom
Spike|hCoV-19/England/CAMB-1BCB01/2020|2020-12-01|EPI ISL_764293|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
Spike|hCoV-19/England/ALDP-B5900/2020|2020-11-08|EPI ISL_655498|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
Spike|hCoV-19/England/LOND-1264D77/2020|2020-11-22|EPI ISL_724565|Original|hCoV-19^England|Human|University College London|COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
Spike|hCoV-19/Belgium/rega-0419534/2020|2020-04-19|EPI ISL_734627|Original|hCoV-19^Belgium|Human|UZ Leuven|KU Leuven|Maastricht University|NYU Langone Health|Department of Pathology and Medicine|Maurano|USA
Spike|hCoV-19/Scotland/EDB3977/2020|2020-05-03|EPI ISL_449269|Original|hCoV-19^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
Spike|hCoV-19/United Arab Emirates/L920716500/2020|2020-05-02|EPI ISL_520742|Original|hCoV-19^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramawamy|United Arab Emirates
Spike|hCoV-19/Spain/MD-IBV-99012412/2020|2020-11-24|EPI ISL_780038|Original|hCoV-19^Madrid|Human|Hospital General Universitario Gregorio Marañón|SeqCOVID-SPAIN consortium|IVB|Comas|Spain
Spike|hCoV-19/Denmark/DCGC-7631/2020|2020-10-19|EPI ISL_618504|Original|hCoV-19^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Aarhus University|Michaelsen|Denmark
Spike|hCoV-19/England/NORW-EE299/2020|2020-04-24|EPI ISL_490523|Original|hCoV-19^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) consortium|Alikhan|United Kingdom
Spike|hCoV-19/England/CAMB-1BCB01/2020|2020-12-01|EPI ISL_764293|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
Spike|hCoV-19/Brazil/RJ-00315/2020|2020-04-24|EPI ISL_623118|Original|hCoV-19^Rio de Janeiro|Human|Laboratorio de Virologia Molecular | UFRJ|Bioinformatics Laboratory |LNCC|Almeida|Brazil
Spike|hCoV-19/Japan/PG-4592/2020|2020-08-08|EPI ISL_689729|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/USA/CA-CZB-9675/2020|2020-03-25|EPI_ISL_672153|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Germany/HH-hipi-p1684/2020|2020-03-18|EPI_ISL_776095|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/WA-S2171/2020|2020-06-08|EPI_ISL_497599|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18389/2020|2020-11-18|EPI_ISL_784737|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-C98FAA/2020|2020-12-17|EPI_ISL_762175|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-6088E/2020|2020-06-12|EPI_ISL_483896|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Australia/VIC136/2020|2020-03-22|EPI_ISL_419829|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/England/CAMC-9908D7/2020|2020-08-26|EPI_ISL_551921|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-280170/2020|2020-09-08|EPI_ISL_560519|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Australia/VIC2572/2020|2020-07-04|EPI_ISL_522250|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Netherlands/ZH-EMC-518/2020|2020-00-00|EPI_ISL_577946|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-AA126B/2020|2020-10-22|EPI_ISL_623909|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-81F82/2020|2020-04-21|EPI_ISL_438600|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A3575/2020|2020-12-15|EPI_ISL_744112|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QUEUH-96B592/2020|2020-08-14|EPI_ISL_531414|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QUEUH-B31C16/2020|2020-11-04|EPI_ISL_646194|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-OM4/2020|2020-05-13|EPI_ISL_495290|Original|hCoV-19^^Telangana|Human|Osmania Medical College|CSIR-Centre for Cellular and Molecular Biology|Bantu|India

>Spike|hCoV-19/Denmark/DGC-C-20338/2020|2020-11-09|EPI_ISL_748121|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B99C49/2020|2020-11-15|EPI_ISL_673457|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0460/2020|2020-05-05|EPI_ISL_477670|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/ALDP-CB65E0/2020|2020-12-19|EPI_ISL_761793|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Israel/CVL-n26168/2020|2020-07-20|EPI_ISL_514295|Original|hCoV-19
^Jerusalem District|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/USA/TX-HMH-MCoV-8381/2020|2020-06-26|EPI_ISL_784361|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/ON-S744/2020|2020-04-09|EPI_ISL_591158|Original|hCoV-19
^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/CO-CDPHE-2004220878/2020|2020-04-21|EPI_ISL_710201|Original|hCoV-19
^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/USA/MN-QDX-1363/2020|2020-03-14|EPI_ISL_572152|Original|hCoV-19
^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Australia/QLD1058/2020|2020-09-12|EPI_ISL_576143|Original|hCoV-19
^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/Japan/PG-2402/2020|2020-04-01|EPI_ISL_686007|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-6172/2020|2020-08-01|EPI_ISL_689284|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-2575/2020|2020-06-06|EPI_ISL_545398|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/South Africa/KRISP-0096/2020|2020-04-01|EPI_ISL_467461|Original|hCoV-19
^KwaZulu-Natal|Human|AMPATH-DBN|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/South Africa/KRISP-K004629/2020|2020-11-02|EPI_ISL_660645|Original|hCoV-19
^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/CAMC-A57AD5/2020|2020-10-08|EPI_ISL_597345|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/UGL-10630/2020|2020-10-26|EPI_ISL_636609|Original|hCoV-19
^Li/2008/2006|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/WI-GMF-18609/2020|2020-09-03|EPI_ISL_547771|Original|hCoV-19
^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/ALDP-97CC99/2020|2020-07-17|EPI_ISL_526312|Original|hCoV-19
^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Belgium/OTG-0401375/2020|2020-04-01|EPI_ISL_462229|Original|hCoV-19
^Harelbeke|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/MILK-B59A0F/2020|2020-11-06|EPI_ISL_679898|Original|hCoV-19
^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/OEUH-9600BA/2020|2020-08-06|EPI_ISL_531915|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/UT-RIVM-20867/2020|2020-12-16|EPI_ISL_790836|Original|hCoV-19
^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Belgium/MILK-C60D74/2020|2020-12-13|EPI_ISL_778641|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/DL-NVRL-20G45114/2020|2020-04-02|EPI_ISL_666705|Original|hCoV-19
^Donegal|Human|National Virus Reference Lab (NVRL)|Irish Coronavirus Sequencing Consortium-Teagasc Grange|McCabe|Ireland

>Spike|hCoV-19/Canada/ON-S1446/2020|2020-08-26|EPI_ISL_591205|Original|hCoV-19
^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
>Spike|hCoV-19/England/MILK-BAB4E2/2020|2020-11-18|EPI_ISL_681536|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spke|hCoV-19/England/CAMB-7676/2020|2020-04-04|EPI_ISL_441573|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spke|hCoV-19/USA/WY-WYPHL-00064/2020|2020-03-25|EPI_ISL_462956|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Center for Global Health|Domman|USA

>Spke|hCoV-19/USA/CA-IGI-0135/2020|2020-06-08|EPI_ISL_495156|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Shivram|USA

>Spke|hCoV-19/Oman/RESP-20-4400/2020|2020-03-21|EPI_ISL_457990|Original|hCoV-19^^Muscat|Human|Oman-NIC|Oman-NIC|Al Mahrugi|Oman

>Spke|hCoV-19/England/CAMC-991162/2020|2020-08-27|EPI_ISL_551907|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spke|hCoV-19/USA/MA-MGH-01397/2020|2020-05-06|EPI_ISL_791942|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spke|hCoV-19/Luxembourg/LNS0438295/2020|2020-11-19|EPI_ISL_739775|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratorio nacional de sant\u00e9|Mu\u00e9sie-Baldacchino|Luxembourg

>Spke|hCoV-19/Russia/Novosibirsk-RII27318S/2020|2020-04-29|EPI_ISL_507212|Original|hCoV-19^^Novosibirsk|Human|Department of Experimental Modeling and Pathogenesis of Infectious Diseases|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spke|hCoV-19/England/LOND-D4FAE/2020|2020-04-14|EPI_ISL_444188|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Amato|United Kingdom

>Spke|hCoV-19/USA/LA-EVTL602/2020|2020-06-29|EPI_ISL_579006|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamal|USA

>Spke|hCoV-19/France/PAC-MEPH1-0749/2020|2020-03-23|EPI_ISL_644408|Original|hCoV-19^^Provence-Alpes-Cote-du\u00e9u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spke|hCoV-19/England/20139031504/2020|2020-03-27|EPI_ISL_421915|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spke|hCoV-19/England/CAMC-9EC21A/2020|2020-09-24|EPI_ISL_580536|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spke|hCoV-19/USA/FL-BPHL-0313/2020|2020-06-02|EPI_ISL_489722|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spke|hCoV-19/England/CAMC-990989/2020|2020-08-26|EPI_ISL_551854|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spke|hCoV-19/USA/KS-CDC-2-3693574/2020|2020-11-03|EPI_ISL_747137|Original|hCoV-19^^Kansas|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spke|hCoV-19/Wales/PHWC-49A869/2020|2020-12-02|EPI_ISL_727608|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spke|hCoV-19/Malaysia/UNIMAS-B060/2020|2020-10-30|EPI_ISL_718205|Original|hCoV-19^^Sarawak|Human|Borneo Medical Centre|Institute of Health and Community Medicine|Jonathan|Malaysia
>Spike|hCoV-19/USA/CA-CZB-3291/2020|2020-07-19|EPI_ISL_548331|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

> >Spike|hCoV-19/Wales/PHWC-48DC21/2020|2020-11-05|EPI_ISL_680739|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> >Spike|hCoV-19/England/ALDP-4A5DA8/2020|2020-06-09|EPI_ISL_559499|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> >Spike|hCoV-19/Canada/BC_21317517/2020|2020-03-00|EPI_ISL_462805|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

> >Spike|hCoV-19/Canada/BC_07229190/2020|2020-04-00|EPI_ISL_466814|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

> >Spike|hCoV-19/Wales/PHWC-47F74F/2020|2020-10-12|EPI_ISL_612719|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> >Spike|hCoV-19/United Arab Emirates/0489/2020|2020-05-18|EPI_ISL_698657|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

> >Spike|hCoV-19/Canada/ON-PHL-20-00006/2020|2020-00-00|EPI_ISL_548689|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

> >Spike|hCoV-19/USA/MI-UM-2006S000851/2020|2020-03-31|EPI_ISL_484710|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Laurining Lab|Valesano|USA

> >Spike|hCoV-19/Netherlands/NH-EMC-77/2020|2020-09-02|EPI_ISL_632386|Original|hCoV-19^^Noord Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

> >Spike|hCoV-19/Australia/VIC3465/2020|2020-07-06|EPI_ISL_521128|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

> >Spike|hCoV-19/England/NORW-ECD21/2020|2020-05-29|EPI_ISL_472343|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

> >Spike|hCoV-19/Peru/LIM-UPCH-0201/2020|2020-10-15|EPI_ISL_729865|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen u00f3mica Microbiana|Tsukayama|Peru

> >Spike|hCoV-19/England/CAMB-835CA/2020|2020-04-14|EPI_ISL_443394|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

> >Spike|hCoV-19/USA/TX-HMH-2422/2020|2020-05-26|EPI_ISL_545303|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

> >Spike|hCoV-19/South Africa/KRISP-K002570/2020|2020-07-29|EPI_ISL_535436|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

> >Spike|hCoV-19/India/MH-ACTREC-524/2020|2020-08-22|EPI_ISL_700170|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
(VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

Spike|hCoV-19/England/204560270/2020|2020-11-04|EPI_ISL_678674|Original|hCoV-19/England/Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium

Spike|hCoV-19/Gibraltar/205000677/2020|2020-12-00|EPI_ISL_710003|Original|hCoV-19/Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

Spike|hCoV-19/England/ECDC-A81E6C7/2020|2020-10-13|EPI_ISL_610883|Original|hCoV-19/England/Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/LIVE-A88B7/2020|2020-03-26|EPI_ISL_517227|Original|hCoV-19/England/Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium

Spike|hCoV-19/Australia/VIC8345/2020|2020-08-11|EPI_ISL_564956|Original|hCoV-19/Victoria/Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

Spike|hCoV-19/USA/VA-UW-1417/2020|2020-03-17|EPI_ISL_422981|Original|hCoV-19/Washington/Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

Spike|hCoV-19/Denmark/DCGC-11497/2020|2020-11-02|EPI_ISL_670959|Original|hCoV-19/Nordjylland/Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

Spike|hCoV-19/USA/LA-GBCL-26492452/2020|2020-04-28|EPI_ISL_485030|Original|hCoV-19/Louisiana/Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

Spike|hCoV-19/Denmark/DCGC-14750/2020|2020-11-23|EPI_ISL_711955|Original|hCoV-19/Midtjylland/Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

Spike|hCoV-19/Denmark/DCGC-19999/2020|2020-12-07|EPI_ISL_747919|Original|hCoV-19/Midtjylland/Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

Spike|hCoV-19/Japan/TYKE6947/2020|2020-03-03|EPI_ISL_434562|unknown|hCoV-19/Japan/Human|Department of Microbiology; Ryota Kumagai Tokyo Metropolitan Institute of Public Health; Department of Microbiology; Ryota Kumagai Tokyo Metropolitan Institute of Public Health and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

Spike|hCoV-19/England/EXET-138F6B/2020|2020-00-00|EPI_ISL_664456|Original|hCoV-19/England/Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium

Spike|hCoV-19/Wales/PHHC-274E9/2020|2020-03-30|EPI_ISL_432422|Original|hCoV-19/Wales/Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moor|United Kingdom

Spike|hCoV-19/England/NORW-E960B/2020|2020-04-22|EPI_ISL_448322|Original|hCoV-19/England/Human|Quadrum Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Ali Khan|United Kingdom

Spike|hCoV-19/Australia/VIC3842/2020|2020-07-13|EPI_ISL_520555|Original|hCoV-19/Victoria/Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

Spike|hCoV-19/England/BRIS-12E223/2020|2020-04-08|EPI_ISL_481976|Original|hCoV-19/England/Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Wales/PHHC-48155F/2020|2020-10-17|EPI_ISL_613084|Original|hCoV-19/Wales/Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moor|United Kingdom

Spike|hCoV-19/USA/TX-HMH-7347/2020|2020-06-29|EPI_ISL_546692|Original|hCoV-19/Texas/Human|Houston Methodist Hospital|Respiratory Medicine|Long|USA

Spike|hCoV-19/Wales/PHHC-487F88/2020|2020-10-30|EPI_ISL_639330|Original|hCoV-19/Wales/Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moor|United Kingdom

Spike|hCoV-19/Denmark/DCGC-18294/2020|2020-12-07|EPI_ISL_749494|Original|hCoV-19/Hovedstaden/Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19|England|ALDP-9CB25|2020|2020-09-16|EPI_ISL_575652|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|USA|TX-HMM-MCoV-9383|2020|2020-07-03|EPI_ISL_781088|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19|USA|AZ-TG445197|2020|2020-06-25|EPI_ISL_695002|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19|Austria|CeMM0313|2020|2020-03-30|EPI_ISL_475785|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19|Germany|BE-ChVir-D2017-8214|2020|2020-10-19|EPI_ISL_753902|Original|hCoV-19^^Berlin|Human|Charit\u00e9|Berlin|Muehlemann|Germany

>Spike|hCoV-19|USA|TX-HMM-2002|2020|2020-04-27|EPI_ISL_545061|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19|India|DL-MaxCov0021-CSIR-IGIB|2020|2020-05-08|EPI_ISL_459923|Original|hCoV-19^^Delhi|Human|Devki Devi Foundation|CSIR-IGIB/Max|Pandey|India

>Spike|hCoV-19|USA|VA-DCLS-0459|2020|2020-05-05|EPI_ISL_477669|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacobs|USA

>Spike|hCoV-19|Spain|MD-IBV-99008780|2020|2020-10-20|EPI_ISL_654323|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mar\a\u00f1o|Davies|Madrid|Madrid|Spain

>Spike|hCoV-19|Wales|PHWC-25481|2020|2020-03-23|EPI_ISL_420996|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19|England|PORT-2D375A|2020|2020-04-15|EPI_ISL_517539|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19|England|ALDP-B83A0C|2020|2020-11-14|EPI_ISL_674159|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19|England|ALDP-B83A0C|2020|2020-11-14|EPI_ISL_674159|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19|England|MIILK-BB08FD|2020|2020-11-17|EPI_ISL_720193|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19|England|QEUH-9FF487|2020|2020-09-30|EPI_ISL_600163|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|Australia|VIC9967|2020|2020-07-23|EPI_ISL_565811|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19|England|QEUH-9612C2|2020|2020-08-03|EPI_ISL_532058|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|Denmark|DGCC-818|2020|2020-04-20|EPI_ISL_614735|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelensen|Denmark

>Spike|hCoV-19|USA|MN-MDH-1387|2020|2020-03-23|EPI_ISL_507974|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19|USA|NY-Wadsworth-264209-01|2020|2020-11-05|EPI_ISL_734425|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19|Portugal|PT0833|2020|2020-03-22|EPI_ISL_511092|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19|Switzerland|BS-42210930|2020|2020-03-28|EPI_ISL_581809|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland
>Spike|hCoV-19|England|MILK-9D3B48/2020|2020-09-18|EPI_ISL_601534|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp
> Spike|hCoV-19|Spain|AN-IBV-002046|2020|2020-03-16|EPI_ISL_452381|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda. HRU de M\u00e1laga. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium|IDB (CSC)|Comas|Spain
> Spike|hCoV-19|USA|TX-HMH-MCoV-125922|2020|2020-08-31|EPI_ISL_789827|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19|Australia|VIC8387|2020|2020-08-13|EPI_ISL_564979|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19|Scotland|EDB3801|2020|2020-04-29|EPI_ISL_439329|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
> Spike|hCoV-19|England|ALDP-B1A19C|2020|2020-11-02|EPI_ISL_645551|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|Brazil|RJ-2091|2020|2020-04-16|EPI_ISL_467347|Original|hCoV-19^^Rio de Janeiro|Human|Laboratory of Respiratory Viruses and Measles|Laboratory of Respiratory Viruses and Measles|Silva|Brazil
> Spike|hCoV-19|France|CVL-9458|2020|2020-10-14|EPI_ISL_614286|Original|hCoV-19^^Centre-Val de Loire|Human|General practitioner|National Reference Center for Viruses of Respiratory Infections|Enouf|France
> Spike|hCoV-19|Japan|PG-2336|2020|2020-05-00|EPI_ISL_685941|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
> Spike|hCoV-19|Scotland|EDB5634|2020|2020-03-23|EPI_ISL_487828|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|Denmark|DGCC-6957|2020|2020-10-12|EPI_ISL_619803|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
> Spike|hCoV-19|Spain|MD-HLP-R52|2020|2020-04-20|EPI_ISL_530102|Original|hCoV-19^^Madrid|Human|Hospital Universitario Ram\u00f3n y Cajal|Hospital Universitario La Paz|Viedma|Spain
> Spike|hCoV-19|USA|WA-UW-6762|2020|2020-04-10|EPI_ISL_570142|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
> Spike|hCoV-19|USA|CA-ALSR-4867|2020|2020-11-04|EPI_ISL_730187|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
> Spike|hCoV-19|USA|NY-NYCPHL-000684|2020|2020-03-14|EPI_ISL_632101|Original|hCoV-19^^New York|Human|Mount Sinai Queens|New York City Public Health Laboratory|Wang|USA
> Spike|hCoV-19|Denmark|DGCC-5735|2020|2020-09-28|EPI_ISL_621240|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
> Spike|hCoV-19|USA|WA-S879|2020|2020-04-23|EPI_ISL_463369|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
> Spike|hCoV-19|Europe|CAMB-76E1A|2020|2020-03-30|EPI_ISL_425431|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
> Spike|hCoV-19|USA|FL-BPHL-0124|2020|2020-04-08|EPI_ISL_450858|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
> Spike|hCoV-19|USA|FL-BPHL-1576|2020|2020-09-16|EPI_ISL_568674|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
> Spike|hCoV-19|Australia|VIC7775|2020|2020-08-02|EPI_ISL_564647|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19|Africa|IBV-0124|2020|2020-10-06|EPI_ISL_638447|Original|hCoV-19^^England|Human|Laboratory of Respiratory Viruses and Measles|Laboratory of Respiratory Viruses and Measles|Silva|Brazil
> Spike|hCoV-19|Europe|IBV-0124|2020|2020-10-06|EPI_ISL_638447|Original|hCoV-19^^England|Human|Laboratory of Respiratory Viruses and Measles|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

Note: The above list includes the Spike protein sequences of SARS-CoV-2 from various countries and regions.
Spike|hCoV-19/England/CAMB-1AEC0F/2020|2020-05-05|EPI_ISL_448061|Original|hCoV-19\^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

Spike|hCoV-19/England/ALDP-B1A527/2020|2020-10-31|EPI_ISL_647762|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/England/LIVE-A644C/2020|2020-03-18|EPI_ISL_499709|Original|hCoV-19\^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

Spike|hCoV-19/Wales/PHWC-48BC8D/2020|2020-11-06|EPI_ISL_666341|Original|hCoV-19\^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19/England/ALDP-A853D3/2020|2020-10-17|EPI_ISL_610472|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/USA/MD-CDC-2-3713976/2020|2020-12-03|EPI_ISL_751604|Original|hCoV-19\^Maryland|Human|MD DOH Laboratories Administration|Genomics and Discovery|Queen|USA

Spike|hCoV-19/USA/WI-GMF-11475/2020|2020-07-19|EPI_ISL_547630|Original|hCoV-19\^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

Spike|hCoV-19/England/QEUH-B2B462/2020|2020-11-03|EPI_ISL_646483|Original|hCoV-19\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/USA/TF-HMH-MCoV-12792/2020|2020-08-19|EPI_ISL_790525|Original|hCoV-19\^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19/USA/CA-CZB-2340/2020|2020-05-12|EPI_ISL_513790|Original|hCoV-19\^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

Spike|hCoV-19/USA/NY-Wadsworth-290324-01/2020|2020-12-15|EPI_ISL_765523|Original|hCoV-19\^New York|Human|SARATOGA HOSPITAL LABORATORY|Wadsworth Center|Lasek-Nesselquist|USA

Spike|hCoV-19/USA/AZ-TG491665/2020|2020-06-25|EPI_ISL_695207|Original|hCoV-19\^Arizona|Human|AZ SPHL|TGen North|French|USA

Spike|hCoV-19/England/ALDP-C39239/2020|2020-12-08|EPI_ISL_731483|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/USA/TX-HMH-MCoV-5743/2020|2020-06-20|EPI_ISL_546983|Original|hCoV-19\^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19/USA/TX-DSHS-0744/2020|2020-05-14|EPI_ISL_584145|Original|hCoV-19\^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

Spike|hCoV-19/England/CAMB-7BBE1/2020|2020-04-05|EPI_ISL_442112|Original|hCoV-19\^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

Spike|hCoV-19/USA/ID-UNM-IBL063/2020|2020-03-20|EPI_ISL_632856|Original|hCoV-19\^Idaho|Human|Idaho Bureau of Laboratories|Center for Global Health|Domman|USA

Spike|hCoV-19/Wales/PHWC-169523/2020|2020-05-09|EPI_ISL_499454|Original|hCoV-19\^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19/Wales/PHWC-162F77/2020|2020-05-31|EPI_ISL_473225|Original|hCoV-19\^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19/USA/NY-Wadsworth-39491-01/2020|2020-04-06|EPI_ISL_676807|Original|hCoV-19\^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

Spike|hCoV-19/Scotland/QEUH-960515/2020|2020-08-07|EPI_ISL_532053|Original|hCoV-19\^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-BB37FD/2020|2020-11-19|EPI_ISL_702015|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spicke|hCoV-19/England/CAMC-B221DD/2020|2020-11-02|EPI_ISL_647272|Original|hCoV-19
>England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spicke|hCoV-19/England/QEUH-B7F07A/2020|2020-11-14|EPI_ISL_661643|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spicke|hCoV-19/Denmark/DCGC-8052/2020|2020-10-26|EPI_ISL_617170|Original|hCoV-19
>Hovedstenaden|Human|Department of Virus and Microbiological Special Diagnostics|Albersen lab|Michaelsen|Denmark
>Spicke|hCoV-19/USA/WI-WSLH-200352/2020|2020-04-20|EPI_ISL_578523|Original|hCoV-19
>Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA
>Spicke|hCoV-19/Bangladesh/DNAS-CPH-isl-417/2020|2020-04-29|EPI_ISL_605887|Original|hCoV-19
>Bangladesh|Human|NGS Lab|NGS Lab|Rabbi|Bangladesh
>Spicke|hCoV-19/England/LOND-D6FCA/2020|2020-04-03|EPI_ISL_478449|Original|hCoV-19
>England|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spicke|hCoV-19/England/QEUH-96E5DB/2020|2020-08-19|EPI_ISL_530541|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spicke|hCoV-19/USA/WI-WSLH-200067/2020|2020-03-21|EPI_ISL_471232|Original|hCoV-19
>Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA
>Spicke|hCoV-19/Australia/VIC5940/2020|2020-07-21|EPI_ISL_518719|Original|hCoV-19
>Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spicke|hCoV-19/England/CAMB-1B8FCD/2020|2020-10-28|EPI_ISL_705502|Original|hCoV-19
>England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spicke|hCoV-19/England/QEUH-B7EAA/2020|2020-11-14|EPI_ISL_668038|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spicke|hCoV-19/USA/MN-MDH-1054/2020|2020-05-14|EPI_ISL_462899|Original|hCoV-19
>Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA
>Spicke|hCoV-19/USA/AZ-TG547397/2020|2020-07-07|EPI_ISL_695519|Original|hCoV-19
>Arizona|Human|AZ SPHL|TGen North|French|USA
>Spicke|hCoV-19/England/LOND-1263701/2020|2020-11-02|EPI_ISL_679470|Original|hCoV-19
>England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spicke|hCoV-19/USA/TX-HMH-7593/2020|2020-06-25|EPI_ISL_546878|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spicke|hCoV-19/Switzerland/AG-BTHZ-220063/2020|2020-07-25|EPI_ISL_512032|Original|hCoV-19
>Aargau|Human|Violler AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spicke|hCoV-19/Scotland/QEUH-A0BD6E/2020|2020-10-03|EPI_ISL_599220|Original|hCoV-19
>Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spicke|hCoV-19/Norway/7024/2020|2020-12-14|EPI_ISL_775529|Original|hCoV-19
>Viken|Human|Akershus University Hospital|Norwegian Institute of Public Health|Vollan|Norway
>Spicke|hCoV-19/England/MILK-B05E51/2020|2020-10-23|EPI_ISL_642986|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-27A6F/2020|2020-03-30|EPI_ISL_431943|Original|hCoV-19
>Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-164027/2020|2020-05-06|EPI_ISL_474117|Original|hCoV-19
>Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0332/2020|2020-10-31|EPI_ISL_760118|Original|hCoV-19
>South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/CAMC-A58DEA/2020|2020-10-09|EPI_ISL_597077|Original|hCoV-19
>England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-483283/2020|2020-10-21|EPI_ISL_627796|Original|hCoV-19
>Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-973/2020|2020-04-10|EPI_ISL_549540|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-2155/2020|2020-04-00|EPI_ISL_685760|Original|hCoV-19
>Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Sweden/20-51678/2020|2020-05-25|EPI_ISL_469069|Original|hCoV-19
>Vastra Gotaland|Human|Namhsans Olskroken VC|The Public Health Agency of Sweden|Svarström|Sweden

>Spike|hCoV-19/USA/CT-Yale-054/2020|2020-03-27|EPI_ISL_428375|Original|hCoV-19
>Connecticut|Human|Yale COVID-19 Biorepository|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/USA/TX-QDX-204/2020|2020-04-30|EPI_ISL_494548|Original|hCoV-19
>Texas|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QUEH-AD2CCD/2020|2020-10-26|EPI_ISL_634232|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Egypt/CUNCI-HGC7I029/2020|2020-07-19|EPI_ISL_529143|Original|hCoV-19
>Cairo|Human|Egyptian National Cancer Institute (ENCI)|Egyptian National Cancer Institute (ENCI)|Zekri|Egypt

>Spike|hCoV-19/France/OCC-SC505/2020|2020-04-22|EPI_ISL_660697|Original|hCoV-19
>Occitanie|Human|CHU Montpellier|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Denmark/DGC/C-16014/2020|2020-11-23|EPI_ISL_714122|Original|hCoV-19
>Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Micheelsen|Denmark

>Spike|hCoV-19/Scotland/CVR4349/2020|2020-09-10|EPI_ISL_572765|Original|hCoV-19
>Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMC-B219C7/2020|2020-11-02|EPI_ISL_647349|Original|hCoV-19
>England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-24115/2020|2020-04-12|EPI_ISL_508932|Original|hCoV-19
>Alvergne-Rhône-Alpes|Human|Centre Hospitalier de Villefranche|CNR Virus des Infections Respiratoires - France Sud|Josset|France

>Spike|hCoV-19/Hungary/UD-93827/2020|2020-10-08|EPI_ISL_671487|Original|hCoV-19
>Hajdú-Bihar county|Human|University of Debrecen|National Laboratory of Virology|Kemény|Hungary

>Spike|hCoV-19/Scotland/CVR5762/2020|2020-11-09|EPI_ISL_705637|Original|hCoV-19
>Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A418F/2020|2020-12-15|EPI_ISL_764254|Original|hCoV-19
>Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-9F1B71/2020|2020-09-24|EPI_ISL_589601|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England|QEUH-B69BFA/2020|2020-11-11|EPI_ISL_655226|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Wales/MILK-9F1A1A/2020|2020-09-23|EPI_ISL_600930|Original|hCoV-19
>Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/ALDP-B73A69/2020|2020-11-12|EPI_ISL_662609|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/NOTT-11F8D8/2020|2020-11-27|EPI_ISL_725582|Original|hCoV-19
>England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|Iran/Klr-61/2020|2020-04-00|EPI_ISL_591318|Original|hCoV-19
>Iran|Human|Virology|Virology|Ranjbar|Iran
>Spike|hCoV-19|England/20168038604/2020|2020-04-14|EPI_ISL_466620|Original|hCoV-19
>England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19|England/ALDP-AA4A42/2020|2020-10-22|EPI_ISL_625150|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/MILK-B94F45/2020|2020-11-13|EPI_ISL_676251|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/WA-UW-4221/2020|2020-03-31|EPI_ISL_437822|Original|hCoV-19
>Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19|Denmark/DGCC-6107/2020|2020-09-21|EPI_ISL_621141|Original|hCoV-19
>Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19|Japan/PG-5310/2020|2020-08-00|EPI_ISL_690413|Original|hCoV-19
>Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19|Denmark/DGCC-1022/2020|2020-04-06|EPI_ISL_614482|Original|hCoV-19
>Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19|Netherlands/NoordBrabant_149/2020|2020-04-27|EPI_ISL_461184|Original|hCoV-19
>Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19|Australia/VIC7641/2020|2020-08-09|EPI_ISL_564546|Original|hCoV-19
>Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19|England/CAMC-B22CAF/2020|2020-11-02|EPI_ISL_647166|Original|hCoV-19
>England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/TX-HMH-MCoV-18792/2020|2020-11-23|EPI_ISL_785120|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|USA/IL-NM-1190/2020|2020-06-18|EPI_ISL_626505|Original|hCoV-19
>Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA
>Spike|hCoV-19|England/MILK-BB6FB7D/2020|2020-11-28|EPI_ISL_709879|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/ALDP-94D684/2020|2020-06-15|EPI_ISL_555094|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/PA_2317/2020|2020-03-07|EPI_ISL_424883|Original|hCoV-19
>Pennsylvania|Human|PA Department of Health|Pathogen Discovery|Queen|USA
>Spike|hCoV-19|Denmark/DGCC-16946/2020|2020-12-14|EPI_ISL_750659|Original|hCoV-19
>Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19|England/ALDP-B262D6/2020|2020-11-04|EPI_ISL_646477|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spic|hCoV-19|England/EXET-136F5E/2020|2020-04-21|EPI_ISL_471937|Original|hCoV-19|England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperpont|United Kingdom

>Spic|hCoV-19|England/UGO05/2020|2020-07-24|EPI_ISL_737965|Original|hCoV-19|England|Human|Uganda Central Public Health Lab and Uganda Virus Research Institute|MRC/UVRI & LSHTM Uganda|u00a0Research Unit|Cotten|Uganda

>Spic|hCoV-19|England/CAMC-B328D5/2020|2020-11-05|EPI_ISL_659705|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spic|hCoV-19|United Arab Emirates/0323/2020|2020-05-18|EPI_ISL_698499|Original|hCoV-19|Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spic|hCoV-19|Netherlands/NI-RIVM-20694/2020|2020-12-20|EPI_ISL_790762|Original|hCoV-19|Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spic|hCoV-19|Wales/PHWC-47FA64/2020|2020-10-11|EPI_ISL_612764|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spic|hCoV-19|USA/TX-HMH-6403/2020|2020-07-05|EPI_ISL_545974|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spic|hCoV-19|England/QEUVH-B2D8DD/2020|2020-11-03|EPI_ISL_659959|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spic|hCoV-19|USA/TX-HMH-MCoV-12327/2020|2020-09-23|EPI_ISL_789902|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spic|hCoV-19|Thailand/Bangkok-0077/2020|2020-04-01|EPI_ISL_447018|Original|hCoV-19|Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spic|hCoV-19|USA/MA-MGH-00721/2020|2020-04-08|EPI_ISL_460323|Original|hCoV-19|Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spic|hCoV-19|Switzerland/VD-ETHZ-321387/2020|2020-10-13|EPI_ISL_603629|Original|hCoV-19|Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spic|hCoV-19|England/LOND-D57B4/2020|2020-04-17|EPI_ISL_449722|Original|hCoV-19|England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spic|hCoV-19|England/EXET-1361D0/2020|2020-04-14|EPI_ISL_457209|Original|hCoV-19|England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperpont|United Kingdom

>Spic|hCoV-19|Italy/SIC-IZSBM194-11/2020|2020-06-00|EPI_ISL_582848|Original|hCoV-19|Sicily|Human|Laboratorio di Riferimento Regionale della Sicilia Occidentale per l’Emergenza COVID-19|Istituto Zooprofilattico Sperimentale della Sicilia|Reale|Italy

>Spic|hCoV-19|Denmark/DGCC-18528/2020|2020-12-07|EPI_ISL_749375|Original|hCoV-19|Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelson|Denmark

>Spic|hCoV-19|England/ALDP-A6CAA0/2020|2020-10-14|EPI_ISL_606936|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spic|hCoV-19|Denmark/DGCC-13047/2020|2020-11-30|EPI_ISL_712553|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelson|Denmark

>Spic|hCoV-19|England/MILK-45F6DF/2020|2020-05-13|EPI_ISL_559704|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Australia/VIC6993/2020|2020-07-23|EPI_ISL_564187|Original|hCoV-19
> Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
> Spike|hCoV-19/England/CAMC-B532C1/2020|2020-11-08|EPI_ISL_657456|Original|hCoV-19
> England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/England/CAMC-BFBF2E/2020|2020-12-05|EPI_ISL_709057|Original|hCoV-19
> England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/Singapore/297/2020|2020-03-20|EPI_ISL_462415|Original|hCoV-19
> Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
> Spike|hCoV-19/USA/WA_0441/2020|2020-03-19|EPI_ISL_426444|Original|hCoV-19
> Washington|Human|WA State Department of Health|Pathogen Discovery|Queen|USA
> Spike|hCoV-19/USA/VA-DCLS-1183/2020|2020-07-29|EPI_ISL_528642|Original|hCoV-19
> Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
> Spike|hCoV-19/England/ALDP-BE8E45/2020|2020-12-03|EPI_ISL_708852|Original|hCoV-19
> England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/IL-NM-0267/2020|2020-03-25|EPI_ISL_626377|Original|hCoV-19
> Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA
> Spike|hCoV-19/England/NORT-283CC3/2020|2020-04-03|EPI_ISL_472252|Original|hCoV-19
> England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
> Spike|hCoV-19/England/QUEH-9F7D1B/2020|2020-09-27|EPI_ISL_588857|Original|hCoV-19
> England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Scotland/QUEH-990224/2020|2020-08-27|EPI_ISL_568307|Original|hCoV-19
> Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Australia/VIC8518/2020|2020-07-28|EPI_ISL_565068|Original|hCoV-19
> Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19/England/QUEH-963381/2020|2020-08-11|EPI_ISL_531822|Original|hCoV-19
> England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Colombia/GVI-97161/2020|2020-04-03|EPI_ISL_447791|Original|hCoV-19
> Valle del Cauca|Human|Instituto Nacional de Salud|Grupo de Investigaciones Microbiol\u00eda de Enfermedades Infecciosas SegCOVID-SPAIN consortium|Comas|Colombia
> Spike|hCoV-19/Wales/PHWC-49C287/2020|2020-12-07|EPI_ISL_742533|Original|hCoV-19
> Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/USA/CA-CZB-2445/2020|2020-05-27|EPI_ISL_513854|Original|hCoV-19
> California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA
> Spike|hCoV-19/Spain/VC-IBV-9804434/2020|2020-03-24|EPI_ISL_583925|Original|hCoV-19
> Comunitat Valenciana|Human|Servicio de Microbiologia|u00edea. Hospital General Universitario de Castell\u00f3n|SegCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
> Spike|hCoV-19/Spain/PI-IBV-2164/2020|2020-04-12|EPI_ISL_468867|Original|hCoV-19
> Basque Country|Human|Servicio de Microbiologia|u00edea. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas SegCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
> Spike| hCoV-19| England/MILK-BB0D49/2020| 2020-11-18| EPI_ISL_720000| Original|hCoV-19
> England| Human| Lighthouse Lab in Milton Keynes| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom
> Spike| hCoV-19| Ireland/D-NVRL-20206397/2020| 2020-04-17| EPI_ISL_671387| Original|hCoV-19
> Dublin| Human| National Virus Reference Laboratory| Irish Coronavirus Sequencing Consortium - Teagasc Moorepark| Walsh| Ireland
> Spike| hCoV-19| England/QUEUH-75PCBC/2020| 2020-07-16| EPI_ISL_532972| Original|hCoV-19
> England| Human| Lighthouse Lab in Glasgow| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom
> Spike| hCoV-19| Denmark/DGCC-2240/2020| 2020-08-10| EPI_ISL_617545| Original|hCoV-19
> Midtjylland| Human| Department of Virus and Microbiological Special Diagnostics| Albertsen lab| Michaelsen| Denmark
> Spike| hCoV-19| England/ALDP-A86080/2020| 2020-10-17| EPI_ISL_606250| Original|hCoV-19
> England| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom
> Spike| hCoV-19| Canada/QC-LSPQ-00233695/2020| 2020-03-23| EPI_ISL_536034| Original|hCoV-19
> Quebec| Centre de SSS de Trois-Rivières| Laboratoire de santé u00e9tablir du Quèbec| Moreira| Canada
> Spike| hCoV-19| Belgium/rega-10191297/2020| 2020-10-19| EPI_ISL_735201| Original|hCoV-19
> Bost| Human| UZ Leuven| KU Leuven| Maes| Belgium
> Spike| hCoV-19| Japan/PG-3057/2020| 2020-04-00| EPI_ISL_691180| Original|hCoV-19
> Japan| Human| Pathogen Genomics Center| Pathogen Genomics Center| Sekizuka| Japan
> Spike| hCoV-19| Japan/ALDP-A86080/2020| 2020-10-17| EPI_ISL_606250| Original|hCoV-19
> Japan| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom
> Spike| hCoV-19| Japan/PG-1453/2020| 2020-04-00| EPI_ISL_685060| Original|hCoV-19
> Japan| Human| Saitama Prefectural Institute of Public Health| Pathogen Genomics Center| Sekizuka| Japan
> Spike| hCoV-19| Australia/VIC2830/2020| 2020-07-02| EPI_ISL_521661| Original|hCoV-19
> Victoria| Human| Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)| MDU-PathoLab| Schultz| Australia
> Spike| hCoV-19| Portugal/PT0565/2020| 2020-03-26| EPI_ISL_454288| Original|hCoV-19
> Portugal| Human| Instituto Nacional de Saude (INSA)| Borges| Portugal
> Spike| hCoV-19| USA/MI-QDX-395/2020| 2020-03-24| EPI_ISL_571135| Original|hCoV-19
> Michigan| Human| Quest Diagnostics| Quest Diagnostics| Kagan| USA
> Spike| hCoV-19| Japan/PG-8889/2020| 2020-08-00| EPI_ISL_686435| Original|hCoV-19
> Japan| Human| Pathogen Genomics Center| Pathogen Genomics Center| Sekizuka| Japan
> Spike| hCoV-19| Denmark/DCGC-15321/2020| 2020-11-23| EPI_ISL_713763| Original|hCoV-19
> Midtjylland| Human| Department of Virus and Microbiological Special Diagnostics| Albertsen lab| Michaelsen| Denmark
> Spike| hCoV-19| Scotland/EBD7136/2020| 2020-08-04| EPI_ISL_514547| Original|hCoV-19
> Scotland| Human| Virology Department| COVID-19 Genomics UK (COG-UK) Consortium| Williams| United Kingdom
> Spike| hCoV-19| Scotland/QEUH-AD16A2/2020| 2020-10-26| EPI_ISL_649676| Original|hCoV-19
> Scotland| Human| Lighthouse Lab in Glasgow| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom
> Spike| hCoV-19| Wales/PHWC-489FE0/2020| 2020-11-04| EPI_ISL_652515| Original|hCoV-19
> Wales| Human| Wales Specialist Virology Centre Sequencing lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom
> Spike| hCoV-19| England/ALDP-BCA492/2020| 2020-11-23| EPI_ISL_703692| Original|hCoV-19
> England| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom
> Spike| hCoV-19| Scotland/CVR4106/2020| 2020-09-03| EPI_ISL_540808| Original|hCoV-19
> Scotland| Human| West of Scotland Specialist Virology Centre| COVID-19 Genomics UK (COG-UK) Consortium| Robertson| United Kingdom
> Spike| hCoV-19| India/MH-ACTREC-479/2020| 2020-08-11| EPI_ISL_700127| Original|hCoV-19
> Maharashtra| Human| Hematopathology Laboratory| Hematopathology Laboratory| Patkar| India
England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)

Consortium|Davies|United Kingdom
> Spike|hCoV-19|Denmark|DGCC-13096/2020|2020-11-30|EPI_ISL_712579|Original|hCoV-19^Novedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelson|Denmark
> Spike|hCoV-19|Norway|5166/2020|2020-10-19|EPI_ISL_708043|Original|hCoV-19^Tr|u00f8ndelag|Human|Department of Medical Microbiology|Norwegian Institute of Public Health|Kopperud Riis|Norway
> Spike|hCoV-19|England|MILK-B0303F/2020|2020-10-24|EPI_ISL_652156|Original|hCoV-19^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
> Spike|hCoV-19|Denmark|DGCC-13746/2020|2020-11-30|EPI_ISL_712996|Original|hCoV-19^Novedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelson|Denmark
> Spike|hCoV-19|Australia|VIC9302/2020|2020-08-17|EPI_ISL_565496|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19|Spain|VC-IBV-98004310/2020|2020-03-24|EPI_ISL_538648|Original|hCoV-19^Comunitat Valenciana|Human|Servicio de Microbiologia u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas
> Spike|hCoV-19|Japan|NGS-1B-2/2020|2020-04-04|EPI_ISL_481252|Vero|hCoV-19^Nagasaki|Human|Department of Emerging Infectious Diseases|Department of Emerging Infectious Diseases|Abe|Japan
> Spike|hCoV-19|Germany|un-ChVir-W1069-5703/2020|2020-04-01|EPI_ISL_753839|Original|hCoV-19^Germany|Human|Charit\u00e0 Universit\u00e0 Gesundheitswesen Berlin|Charit\u00e9 Universit\u00e0 Gesundheitswesen Berlin|Muehlemann|Germany
> Spike|hCoV-19|USA|CA-ALSR-4536/2020|2020-09-17|EPI_ISL_666995|Original|hCoV-19^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
> Spike|hCoV-19|Denmark|DGCC-16957/2020|2020-12-14|EPI_ISL_750666|Original|hCoV-19^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelson|Denmark
> Spike|hCoV-19|Morocco|FMP-55/2020|2020-12-00|EPI_ISL_775254|Original|hCoV-19^Ain Aouda|Human|Laboratoire de Biologie|Moubarak|Morocco
> Spike|hCoV-19|England|LIVE-9COAF/2020|2020-03-31|EPI_ISL_449506|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
> Spike|hCoV-19|Japan|PG-6437/2020|2020-07-00|EPI_ISL_689543|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka
> Spike|hCoV-19|USA|UT-UPHL-2009640/2020|2020-07-19|EPI_ISL_605315|Original|hCoV-19^Utah|Human|Public Health Laboratory|Utah Public Health Laboratory|Young|USA
> Spike|hCoV-19|New Zealand|20VR3068/2020|2020-05-09|EPI_ISL_579407|Original|hCoV-19^Waitemata|Human|North Shore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
> Spike|hCoV-19|England|CAMB-1BA8E/2020|2020-11-13|EPI_ISL_664776|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
> Spike|hCoV-19|Japan|PG-8529/2020|2020-07-00|EPI_ISL_686125|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka
> Spike|hCoV-19|Luxembourg|LNS493394/2020|2020-10-22|EPI_ISL_744163|Original|hCoV-19^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino
> Spike|hCoV-19|England|ALDP-C4856B/2020|2020-12-12|EPI_ISL_736641|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|England|ALDP-BC7741/2020|2020-11-22|EPI_ISL_721511|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/AK-PHL2076/2020|2020-07-24|EPI_ISL_528519|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Drown|USA

> Spike|hCoV-19/Sweden/20-53000/2020|2020-09-27|EPI_ISL_615117|Original|hCoV-19^^Syddanmark|Human|Klinisk mikrobiologi Linkoping|The Public Health Agency of Sweden|Svartstr\u00f6|Sweden

> Spike|hCoV-19/Wales/PHWC-16BA7D/2020|2020-09-18|EPI_ISL_573935|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/Mexico/NLE-UANL-033/2020|2020-12-12|EPI_ISL_779194|Original|hCoV-19^^Nuevo Leon|Human|Laboratorio Estatal de Salud P\u00fablica de Nuevo Le\u00fan|Laboratorio de Infectolog\u00eda Molecular|Gay\u00e9nica|Mexico

> Spike|hCoV-19/Netherlands/ZH-EMC-495/2020|2020-00-00|EPI_ISL_579924|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands

> Spike|hCoV-19/Sweden/20-06306/2020|2020-03-23|EPI_ISL_434651|Original|hCoV-19^^Jamtland|Human|Krokkoms Halsocentral|The Public Health Agency of Sweden|Svartstr\u00f6|Sweden

> Spike|hCoV-19/South Africa/KRISP-K002603/2020|2020-07-30|EPI_ISL_535467|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

> Spike|hCoV-19/Japan/PG-8540/2020|2020-07-00|EPI_ISL_686136|Original|hCoV-19^^Japan|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

> Spike|hCoV-19/Wales/PHWC-16624D/2020|2020-06-16|EPI_ISL_490855|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/Ireland/DL-NVRL-20G49150/2020|2020-04-06|EPI_ISL_666689|Original|hCoV-19^^Donegal|Human|National Virus Reference Lab (NVRL)|Irish Coronavirus Sequencing Consortium-Teagasc Grange|Mccabe|Ireland

> Spike|hCoV-19/England/NORW-EAC17/2020|2020-05-09|EPI_ISL_457363|Original|hCoV-19^^England|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

> Spike|hCoV-19/Denmark/DGCC-17024/2020|2020-12-14|EPI_ISL_750528|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsben lab|Micalaensen|Denmark

> Spike|hCoV-19/England/ALDP-BBADF4/2020|2020-11-20|EPI_ISL_702575|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/India/GJ-GBRC-427b/2020|2020-07-14|EPI_ISL_566561|Original|hCoV-19^^Gujarat|Human|CCC,Veraval|Gujarat Biotechnology Research Centre|Josh|India

> Spike|hCoV-19/England/SHEF-C027F/2020|2020-03-29|EPI_ISL_420209|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

> Spike|hCoV-19/Indonesia/JI-IDTua-998NTv/2020|2020-03-30|EPI_ISL_759959|Vero P1|hCoV-19^^East Java|Human|Premier Hospital Surabaya|Institute of Tropical Disease|Shimizu|Indonesia

> Spike|hCoV-19/England/CAMC-AA5BF/2020|2020-10-22|EPI_ISL_630977|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/England/CAMC-9DFBC4/2020|2020-09-21|EPI_ISL_576925|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

> Spike|hCoV-19/Wales/PHWC-16B2DF/2020|2020-09-11|EPI_ISL_560270|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/Spain/GA-USC-008/2020|2020-05-10|EPI_ISL_468338|Original|hCoV-19^^Galicia|Human|Microbiology Service|Genomes & Disease|Garcia-Souto|Spain

> Spike|hCoV-19/Denmark/DGCC-7705/2020|2020-10-19|EPI_ISL_618573|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Micaelsen|Denmark
**COVID-19**

- **England** | Human | Lighthouse Lab in Cambridge | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

- **Scotland** | Human | NHS GG C West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

- **Wisconsin** | Human | University of Wisconsin-Madison AIDS Vaccine Research Laboratories | University of Wisconsin-Madison AIDS Vaccine Research Laboratories | Baczenas | USA

- **Arizona** | Human | Phoenix Biomedical Diagnostics Laboratory | Kabara Cancer Research Institute | Kenny | USA

- **England** | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

- **England** | Human | University of Birmingham | COVID-19 Genomics UK (COG-UK) consortium | Loman | United Kingdom

- **England** | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

- **Scotland** | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

- **Wisconsin** | Human | Gundersen Molecular Diagnostics Laboratory | Kabara Cancer Research Institute | Kenny | USA

- **England** | Human | Pathogen Genomics Center | Sekizuka | Japan

- **England** | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

- **Denmark** | Human | Department of Virus and Microbiological Special Diagnostics | Albertsen Lab | Michaelsen | Denmark

- **Japan** | Human | Pathogen Genomics Center | Sekizuka | Japan

- **England** | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

- **Texas** | Human | Houston Methodist Hospital | Houston Methodist Hospital | Long | USA

- **Wales** | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

- **England** | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

- **Arizona** | Human | TGen North | French | USA

- **England** | Human | Respiratory Virus Unit | Respiratory Virus Unit | Platt | United Kingdom

- **Wisconsin** | Human | University of Wisconsin-Madison AIDS Vaccine Research Laboratories | University of Wisconsin-Madison AIDS Vaccine Research Laboratories | Baczenas | USA

- **England** | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-13346/2020|2020-08-23|EPI_ISL_788493|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Indonesia/JK-NIHRD-M152948/2020|2020-00-00|EPI_ISL_576387|Original|hCoV-19^^Jakarta|Human|National Institute of Health Research and Development|National Institute of Health Research and Development|Setiawati|Indonesia
>Spike|hCoV-19/Denmark/DGCC-22493/2020|2020-12-14|EPI_ISL_757592|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Japan/PG-7593/2020|2020-07-00|EPI_ISL_686695|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Denmark/DGCC-10673/2020|2020-11-02|EPI_ISL_670126|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/ALDP-B52485/2020|2020-11-10|EPI_ISL_703432|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/Wales/PHWC-493C28/2020|2020-11-20|EPI_ISL_726000|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/204683193/2020|2020-11-13|EPI_ISL_693429|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spike|hCoV-19/Wales/PHWC-4875FF/2020|2020-10-29|EPI_ISL_639218|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/ALDP-A6695E/2020|2020-10-12|EPI_ISL_630463|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-12825/2020|2020-08-19|EPI_ISL_789993|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/TX-HMH-482/2020|2020-04-07|EPI_ISL_544353|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/SaudiArabia/KAUST-JEEDDAH905/2020|2020-04-06|EPI_ISL_513043|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia
>Spike|hCoV-19/England/QEUH-98F1A3/2020|2020-08-25|EPI_ISL_540342|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WY-WPHL-20095417/2020|2020-10-12|EPI_ISL_754227|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA
>Spike|hCoV-19/Kenya/C2847/2020|2020-04-27|EPI_ISL_457892|Original|hCoV-19^^Kenya|Human|KEMRI-CGMR-C|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya
>Spike|hCoV-19/England/204200191/2020|2020-10-10|EPI_ISL_609879|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/England/QEUH-964C76/2020|2020-08-11|EPI_ISL_531035|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/NSW2536/2020|2020-04-04|EPI_ISL_527039|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia
>Spike|hCoV-19/England/LIVE-A60B1/2020|2020-03-21|EPI_ISL_499682|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/Ireland/CO-NVRL-751RL24656/2020|2020-10-06|EPI_ISL_671870|Original|hCoV-19^^Cork|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland
Spike|hCoV-19/England/MILK-B55A4F/2020|2020-11-05|EPI_ISL_657371|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/Japan/PG-4300/2020|2020-06-00|EPI_ISL_691749|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan

Spike|hCoV-19/England/CAMB-1BD55/2020|2020-00-00|EPI_ISL_764320|Original|hCoV-19|England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

Spike|hCoV-19/USA/LA-EVTL974/2020|2020-08-18|EPI_ISL_653665|Original|hCoV-19|Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

Spike|hCoV-19/England/OXON-AD4DC/2020|2020-00-00|EPI_ISL_448583|Original|hCoV-19|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

Spike|hCoV-19/France/NAQ-SC199/2020|2020-03-04|EPI_ISL_649955|Original|hCoV-19|New Aquitaine|Human|CHU Bordeaux|CNR Virus des Infections Respiratoires - France|Bail|France

Spike|hCoV-19/Germany/HH-hpi-p2336/2020|2020-03-19|EPI_ISL_775768|Original|hCoV-19|Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

Spike|hCoV-19/Spain/MC-IBV-002894/2020|2020-03-18|EPI_ISL_474934|Original|hCoV-19|Murcia|Human|Hospital Universitario Virgen de las Nieves de Granada-SAS|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

Spike|hCoV-19/England/CAMC-B0BA84/2020|2020-10-29|EPI_ISL_643474|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

Spike|hCoV-19/England/MILK-ACC3B2/2020|2020-10-21|EPI_ISL_629285|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/CAMB-7376D/2020|2020-03-30|EPI_ISL_425233|Original|hCoV-19|England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

Spike|hCoV-19/Switzerland/GE-HUG-5737/2020|2020-03-19|EPI_ISL_429200|Original|hCoV-19|Geneve|Human|University Hospitals of Geneva Laboratory of Virology|University Hospitals of Geneva Laboratory of Virology|Cordey|Switzerland

Spike|hCoV-19/Denmark/DGCC-2860/2020|2020-08-17|EPI_ISL_616688|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

Spike|hCoV-19/England/EXET-139CBF/2020|2020-00-00|EPI_ISL_679334|Original|hCoV-19|England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

Spike|hCoV-19/Australia/SAP553/2020|2020-11-16|EPI_ISL_654799|Original|hCoV-19|South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

Spike|hCoV-19/France/PAC-IHU-0668/2020|2020-03-17|EPI_ISL_568921|Original|hCoV-19|Provence-Alpes-C\00f4te-d\00f4u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

Spike|hCoV-19/England/CAMB-7C2CD/2020|2020-04-14|EPI_ISL_434023|Original|hCoV-19|England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

Spike|hCoV-19/New Zealand/20VR2520/2020|2020-00-00|EPI_ISL_579266|Original|hCoV-19|Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

Spike|hCoV-19/USA/CA-QDX-2317/2020|2020-03-17|EPI_ISL_604628|Original|hCoV-19|California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

Spike|hCoV-19/USA/TX-HMH-8069/2020|2020-07-01|EPI_ISL_545834|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19/Wales/PHWc-4A3803/2020|2020-12-16|EPI_ISL_764578|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19/USA/WA-S2437/2020|2020-06-16|EPI_ISL_497069|Original|hCoV-19|Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
COVID-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

COVID-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

COVID-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

COVID-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

COVID-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

COVID-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

COVID-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

COVID-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

COVID-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

COVID-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

COVID-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

COVID-19^^England|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

COVID-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

COVID-19^^England|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
> Spike|hCoV-19|England/LIVE-9E957/2020|2020-04-10|EPI_ISL_453346|Original|hCoV-19
> ^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
> Spike|hCoV-19|South Africa/KRISP-0576/2020|2020-07-07|EPI_ISL_498114|Original|hCoV-19
> ^KwaZulu-Natal|Human|NHLS-TALCH|KRISP|de Oliveira|South Africa
> Spike|hCoV-19|USA/MO-QDX-2566/2020|2020-03-15|EPI_ISL_604939|Original|hCoV-19
> ^Missouri|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
> Spike|hCoV-19|England/QEUH-B2BF8F/2020|2020-11-04|EPI_ISL_680042|Original|hCoV-19
> ^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
> Spike|hCoV-19|England/ALDP-C3B695/2020|2020-12-09|EPI_ISL_730726|Original|hCoV-19
> ^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|Chile/BI-185934/2020|2020-09-23|EPI_ISL_746510|Original|hCoV-19
> ^Biobio|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile
> Spike|hCoV-19|Belgium/ULG-10301/2020|2020-07-26|EPI_ISL_540468|Original|hCoV-19
> ^Hainaut|Human|University of Li\'u00e8ge|COVID-19 testing center|GIGA Medical Genomics|Durkin|Belgium
> Spike|hCoV-19|England/QEUH-BCBCF3/2020|2020-11-26|EPI_ISL_703912|Original|hCoV-19
> ^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|England/Senegal/62872/2020|2020-06-11|EPI_ISL_476494|Original|hCoV-19
> ^Dakar|Human|Institut Pasteur Dakar|Institut Pasteur de Dakar|Dia|Senegal
> Spike|hCoV-19|England/NORT-1B79B5E/2020|2020-11-25|EPI_ISL_741451|Original|hCoV-19
> ^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
> Spike|hCoV-19|USA/TX-HMH-7323/2020|2020-06-29|EPI_ISL_546675|Original|hCoV-19
> ^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19|USA/NY-NYCPHL-001525/2020|2020-11-30|EPI_ISL_745440|Original|hCoV-19
> ^New York|Human|DOHMH Jamaica|New York City Public Health Laboratory|Wang|USA
> Spike|hCoV-19|Denmark/DGCC-962/2020|2020-03-09|EPI_ISL_614574|Original|hCoV-19
> ^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
> Spike|hCoV-19|England/CAMB-1B8B9C/2020|2020-10-31|EPI_ISL_651679|Original|hCoV-19
> ^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
> Spike|hCoV-19|USA/WI-UW-2456/2020|2020-12-21|EPI_ISL_759731|Original|hCoV-19
> ^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA
> Spike|hCoV-19|Northern Ireland/NIRE-2345F3/2020|2020-10-14|EPI_ISL_680414|Original|hCoV-19
> ^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
> Spike|hCoV-19/Ireland/LK-UHL308/2020|2020-04-30|EPI_ISL_681748|Original|hCoV-19
> ^Limerick|Human|University Hospital Limerick|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland
> Spike|hCoV-19/England/2014021904/2020|2020-03-27|EPI_ISL_465989|Original|hCoV-19
> ^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/USA/WI-WSLH-200171/2020|2020-04-01|EPI_ISL_578397|Original|hCoV-19
^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA
>Spik|hCoV-19/Northern Ireland/NIRE-106PB/2020|2020-05-22|EPI_ISL_500994|Original|hCoV-19
^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/QUEUH-966473/2020|2020-08-28|EPI_ISL_549340|Original|hCoV-19
^England|Human|North of England Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spik|hCoV-19/England/NORT-2A4C9F/2020|2020-09-17|EPI_ISL_573400|Original|hCoV-19
^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spik|hCoV-19/England/QUEUH-9F3E1C/2020|2020-09-24|EPI_ISL_588639|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/India/TG-CCOM-31/2020|2020-04-13|EPI_ISL_644725|Original|hCoV-19
^Telangana|Human|Osmania Medical College|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India
>Spik|hCoV-19/Australia/VIC5973/2020|2020-07-20|EPI_ISL_518748|Original|hCoV-19
^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spik|hCoV-19/Germany/HH-hpi-p2295/2020|2020-03-11|EPI_ISL_776428|Original|hCoV-19
^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany
>Spik|hCoV-19/England/QUEUH-B13DF9/2020|2020-11-02|EPI_ISL_641887|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/QUEUH-A8B540/2020|2020-10-16|EPI_ISL_643081|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Denmark/DGCC-19557/2020|2020-12-07|EPI_ISL_749025|Original|hCoV-19
^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spik|hCoV-19/USA/NY-NYCPHL-001316/2020|2020-11-10|EPI_ISL_683916|Original|hCoV-19
^New York|Human|DOHMH Jamaica|New York City Public Health Laboratory|Wang|USA
>Spik|hCoV-19/Spain/PV-IBV-004259/2020|2020-04-06|EPI_ISL_500323|Original|hCoV-19
^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>Spik|hCoV-19/Wales/PHWC-35907/2020|2020-04-23|EPI_ISL_474496|Original|hCoV-19
^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik|hCoV-19/Spain/PV-IBV-000817/2020|2020-03-10|EPI_ISL_452711|Original|hCoV-19
^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz,|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>Spik|hCoV-19/Luxembourg/LN58729762/2020|2020-12-01|EPI_ISL_770987|Original|hCoV-19
^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/USA/CO-CDPHE-2100023395/2020|2020-11-19|EPI_ISL_771331|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Puplic Health and Environment|Bankers|USA
>Spik|hCoV-19/Japan/PG-1148/2020|2020-04-00|EPI_ISL_684758|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spik|hCoV-19/England/2018160304/2020|2020-03-13|EPI_ISL_464988|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spik|hCoV-19/Japan/PG-1247/2020|2020-00-00|EPI_ISL_684857|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spik|hCoV-19/Australia/NSW897/2020|2020-08-27|EPI_ISL_544978|Original|hCoV-19^^New South Wales|Human|St Vincent's Pathology (SydPath)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spik|hCoV-19/England/MILK-956B6B/2020|2020-06-06|EPI_ISL_554163|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/USA/WI-UW-706/2020|2020-06-29|EPI_ISL_491384|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spik|hCoV-19/England/QEUH-A78D4E/2020|2020-10-12|EPI_ISL_638780|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spik|hCoV-19/Japan/PG-8509/2020|2020-09-00|EPI_ISL_687608|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spik|hCoV-19/England/QEUH-B13AE3/2020|2020-11-02|EPI_ISL_641735|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/Switzerland/SO-ETHZ-400098/2020|2020-12-07|EPI_ISL_729142|Original|hCoV-19^^Switzerland|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spik|hCoV-19/Switzerland/VD-ETHZ-320409/2020|2020-10-12|EPI_ISL_737886|Original|hCoV-19^^Switzerland|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spik|hCoV-19/USA/WI-UW-1895/2020|2020-09-17|EPI_ISL_605764|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spik|hCoV-19/Luxembourg/LNS1591200/2020|2020-11-17|EPI_ISL_739959|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spik|hCoV-19/USA/VA-DCLS-2517/2020|2020-11-21|EPI_ISL_734227|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA
>Spik|hCoV-19/England/ALDP-9C4E6F/2020|2020-09-10|EPI_ISL_567849|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Denmark/DGCC-14192/2020|2020-11-30|EPI_ISL_711615|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spik|hCoV-19/USA/TX-HMH-MCoV-14414/2020|2020-10-08|EPI_ISL_787699|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19/South Africa/KRISP-K002304/2020|2020-07-23|EPI_ISL_515681|Original|hCoV-19^^South Africa|Human|National Institute for Communicable Diseases|KwaZulu-Natal|National Institute for Communicable Diseases|KwaZulu-Natal|de Oliveira|South Africa
>Spik|hCoV-19/mink/Denmark/KL11-Farm1/2020|2020-06-17|EPI_ISL_626350|Original|hCoV-19^^Denmark|Neovison vison|Statens Serum Institute|Statens Serum Institute|Rasmussen|Denmark
Spike|hCoV-19|England|CAMC-A82F69/2020|2020-10-12|EPI_ISL_610871|Original|hCoV-19

Spike|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|USA/NY-WCMP4A02N/2020|2020-03-13|EPI_ISL_427531|Original|hCoV-19

Spike|hCoV-19|Englan|New York|Human|NewYork-Presbyterian & Mason Lab|Mason Lab|Mason|USA

Spike|hCoV-19|England/QEUH-9DA886/2020|2020-09-21|EPI_ISL_601336|Original|hCoV-19

Spike|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Denmark|DGCC-7868/2020|2020-10-26|EPI_ISL_618853|Original|hCoV-19

Spike|hCoV-19|England|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaela|Denmark

Spike|hCoV-19|England|ALDP-AA12E3/2020|2020-10-22|EPI_ISL_624201|Original|hCoV-19

Spike|hCoV-19|Ontario|Human|Kingston Health Sciences Centre and Queen's University|Ontario Institute for Cancer Research|de Borja|Canada

Spike|hCoV-19|England|BRIS-126386/2020|2020-04-07|EPI_ISL_459725|Original|hCoV-19

Spike|hCoV-19|England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Australia|VIC36/2020|2020-03-10|EPI_ISL_419765|Original|hCoV-19

Spike|hCoV-19|Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

Spike|hCoV-19|USA/MI-MDHHS-SC21367/2020|2020-04-02|EPI_ISL_507621|Original|hCoV-19

Spike|hCoV-19|Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

Spike|hCoV-19|England|LIVE-9B5ED/2020|2020-03-26|EPI_ISL_449467|Original|hCoV-19

Spike|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

Spike|hCoV-19|England|ALDP-C04AC6/2020|2020-12-04|EPI_ISL_720823|Original|hCoV-19

Spike|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19|England|CAMC-B542FD/2020|2020-11-08|EPI_ISL_656790|Original|hCoV-19

Spike|hCoV-19|England|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19|USA/TX-HMH-530/2020|2020-04-05|EPI_ISL_544662|Original|hCoV-19

Spike|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19|USA/VA-DCLS-1174/2020|2020-07-08|EPI_ISL_525201|Original|hCoV-19

Spike|hCoV-19|Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

Spike|hCoV-19|Australia/NSW57/2020|2020-03-16|EPI_ISL_417409|Original|hCoV-19

Spike|hCoV-19|New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Eden|Australia

Spike|hCoV-19|South Korea/KDCA0405/2020|2020-10-21|EPI_ISL_760189|Original|hCoV-19

Spike|hCoV-19|South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

Spike|hCoV-19|England|LEED-2A9E67/2020|2020-03-26|EPI_ISL_538975|Original|hCoV-19

Spike|hCoV-19|England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|USA/CA-CZB-14587/2020|2020-11-13|EPI_ISL_739346|Original|hCoV-19

Spike|hCoV-19|California|Human|Santa Clara County Public Health Laboratory|Cham-Zuckerberg Biohub|Kamm|USA
> Spike | hCoV-19 | England | CAMC-9DF775 | 2020-09-21 | EPI_ISL_638422 | Original | hCoV-19
> ^England | Human | Department of Pathology | COVID-19 Genomics UK (COG-UK) Consortium | Goodfellow | United Kingdom
> > Spike | hCoV-19 | USA | WA-S2763 | 2020-07-30 | EPI_ISL_525753 | Original | hCoV-19
> > ^Washington | Human | Seattle Flu Study | Seattle Flu Study | Lee | USA
> > Spike | hCoV-19 | USA | FL-BPHL-1831 | 2020-04-08 | EPI_ISL_613825 | Original | hCoV-19
> > ^Florida | Human | Florida Bureau of Public Health Laboratories | Florida Bureau of Public Health Laboratories | Blanton | USA
> > Spike | hCoV-19 | USA | TX-HMH-3786 | 2020-06-12 | EPI_ISL_543191 | Original | hCoV-19
> > ^Texas | Human | Houston Methodist Hospital | Houston Methodist Hospital | Long | USA
> > Spike | hCoV-19 | Japan | PG-4493 | 2020-07-00 | EPI_ISL_692716 | Original | hCoV-19
> > ^Japan | Human | Pathogen Genomics Center | Pathogen Genomics Center | Sekizuka | Japan
> > Spike | hCoV-19 | England | ALDP-B5B9E2 | 2020-11-08 | EPI_ISL_655577 | Original | hCoV-19
> > ^England | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom
> > Spike | hCoV-19 | France | PAC-IHU-1607 | 2020-09-04 | EPI_ISL_569225 | Original | hCoV-19
> > Provence-Alpes-Côte d'Azur | Human | MEPHI | MEPHI | Levasseur | France
> > Spike | hCoV-19 | England | MILK-B8681E | 2020-11-13 | EPI_ISL_674154 | Original | hCoV-19
> > ^England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom
> > Spike | hCoV-19 | Denmark | DCGC-12273 | 2020-11-16 | EPI_ISL_682454 | Original | hCoV-19
> > ^Midtjylland | Human | Department of Virus and Microbiological Special Diagnostics | Albertsen Lab | Michaelsen | Denmark
> > Spike | hCoV-19 | India | MH-NCCS-NR2252 | 2020-05-21 | EPI_ISL_496531 | Original | hCoV-19
> > Maharashtra | Human | National Centre For Cell Science | National Centre For Cell Science | Paul | India
> > Spike | hCoV-19 | England | LCST-24D6FFD | 2020-06-16 | EPI_ISL_478351 | Original | hCoV-19
> > ^England | Human | University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham | COVID-19 Genomics UK (COG-UK) Consortium | Loose | United Kingdom
> > Spike | hCoV-19 | Denmark | DCGC-1191 | 2020-05-18 | EPI_ISL_614837 | Original | hCoV-19
> > ^Novedstaden | Human | Department of Virus and Microbiological Special Diagnostics | Albertsen Lab | Michaelsen | Denmark
> > Spike | hCoV-19 | USA | TX-HMH-6238 | 2020-06-29 | EPI_ISL_547333 | Original | hCoV-19
> > ^Texas | Human | Houston Methodist Hospital | Houston Methodist Hospital | Long | USA
> > Spike | hCoV-19 | Australia | TAS70 | 2020-03-29 | EPI_ISL_522741 | Original | hCoV-19
> > ^Tasmania | Human | Royal Hobart Hospital Microbiology Department | MDU-PHL | Schultz | Australia
> > Spike | hCoV-19 | England | QEUH-96C18E | 2020-08-18 | EPI_ISL_530853 | Original | hCoV-19
> > ^England | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom
> > Spike | hCoV-19 | Wales | PHWC-163DB8 | 2020-04-29 | EPI_ISL_474082 | Original | hCoV-19
> > ^Wales | Human | Originating lab | COVID-19 Genomics UK (COG-UK) Consortium | Moore | United Kingdom
> > Spike | hCoV-19 | Germany | HH-hpi-p1647 | 2020-03-17 | EPI_ISL_776081 | Original | hCoV-19
> > ^Hamburg | Human | University Medical Center Hamburg Eppendorf | Heinrich Pette Institute | Robitaille | Germany
> > Spike | hCoV-19 | South Korea | KCDC2061 | 2020-01-30 | EPI_ISL_497962 | Vero E6 P1 | hCoV-19
> > ^South Korea | Human | Division of Viral Diseases | Division of Viral Diseases | Kim | South Korea
> > Spike | hCoV-19 | England | ALDP-A50070 | 2020-10-07 | EPI_ISL_597808 | Original | hCoV-19
> > ^England | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom
> > Spike | hCoV-19 | England | NORW-F84A5 | 2020-11-20 | EPI_ISL_665712 | Original | hCoV-19
> > ^England | Human | Quadram Institute Bioscience | COVID-19 Genomics UK (COG-UK) Consortium | Alikhan | United Kingdom
> > Spike | hCoV-19 | USA | CA-CZB-2054 | 2020-04-22 | EPI_ISL_486298 | Original | hCoV-19
> > ^California | Human | San Joaquin County Public Health Lab | Chan-Zuckerberg Biohub | McGeever | USA
>Spike|hCoV-19|England/CAMC-B52B03/2020|2020-11-09|EPI_ISL_657433|Original|hCoV-19|^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|Denmark/DCGC-3042/2020|2020-08-24|EPI_ISL_616820|Original|hCoV-19|^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
> Spike|hCoV-19|Canada/ON-UHTC_0389/2020|2020-11-24|EPI_ISL_698095|Original|hCoV-19|^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada
> Spike|hCoV-19|England/ALDP-B5DB53/2020|2020-11-10|EPI_ISL_723563|Original|hCoV-19|^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
> Spike|hCoV-19|Australia/VIC3043/2020|2020-07-05|EPI_ISL_520756|Original|hCoV-19|^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
> Spike|hCoV-19|England/GEUH-9F78B0/2020|2020-09-27|EPI_ISL_595710|Original|hCoV-19|^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
> Spike|hCoV-19|Russia/AST-RII-MH4456S/2020|2020-08-15|EPI_ISL_733197|Original|hCoV-19|^Astrakhan|Human|Pathogenic Microorganisms Variability Laboratory|WHO National Influenza Centre Russian Federation|Komissarov|Russia
> Spike|hCoV-19|Canada/ON-PHWC-16AEEAF/2020|2020-09-11|EPI_ISL_560213|Original|hCoV-19|^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19|USA/UT-08471/2020|2020-05-26|EPI_ISL_524242|Original|hCoV-19|^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
> Spike|hCoV-19|South Korea/KDCA2060/2020|2020-08-15|EPI_ISL_760025|Original|hCoV-19|^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea
> Spike|hCoV-19|Japan/PG-8352/2020|2020-08-00|EPI_ISL_687451|Original|hCoV-19|^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
> Spike|hCoV-19|Denmark/DCGC-5748/2020|2020-09-28|EPI_ISL_621253|Original|hCoV-19|^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
> Spike|hCoV-19|South Korea/KCDC2623/2020|2020-07-02|EPI_ISL_515026|Original|hCoV-19|^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea
> Spike|hCoV-19|Latvia/PG-188/2020|2020-10-12|EPI_ISL_639685|Original|hCoV-19|^Latvia|Human|E. Gulbja Laboratorija|Latvian Biomedical Research and Study Centre|Zrelovs|Latvia
> Spike|hCoV-19|England/LIVE-A4B1C/2020|2020-03-10|EPI_ISL_499815|Original|hCoV-19|^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
> Spike|hCoV-19|Australia/VIC4619/2020|2020-07-12|EPI_ISL_519015|Original|hCoV-19|^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
> Spike|hCoV-19|England/PHW-263-20|2020-04-15|EPI_ISL_466532|Original|hCoV-19|^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
> Spike|hCoV-19|Denmark/DCGC-19701/2020|2020-12-07|EPI_ISL_749121|Original|hCoV-19|^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
> Spike|hCoV-19|England/ALDP-B45F25/2020|2020-11-07|EPI_ISL_656339|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|England/CAMB-81C8B/2020|2020-04-12|EPI_ISL_443100|Original|hCoV-19|England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
> Spike|hCoV-19|Canada/ON_MU-S1/2020|2020-03-13|EPI_ISL_463970|Original|hCoV-19|Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
> Spike|hCoV-19|Denmark/DGCC-907/2020|2020-05-04|EPI_ISL_614470|Original|hCoV-19|Denmark|Hovedstaden|Human|Department of Virus and MicroBiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
> Spike|hCoV-19|Scotland/EDB6138/2020|2020-05-14|EPI_ISL_473881|Original|hCoV-19|Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
> Spike|hCoV-19|USA/CO-CDPHE-2100014268/2020|2020-11-20|EPI_ISL_771168|Original|hCoV-19|Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Puplic Health and Environment|Bankers|USA
> Spike|hCoV-19|Switzerland/ZH-ETHZ-340125/2020|2020-10-26|EPI_ISL_721933|Original|hCoV-19|Switzerland|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
> Spike|hCoV-19|USA/MN-MDH-2184/2020|2020-11-29|EPI_ISL_723135|Original|hCoV-19|Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA
> Spike|hCoV-19|Scotland/EDB10212/2020|2020-11-10|EPI_ISL_680510|Original|hCoV-19|Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
> Spike|hCoV-19|India/TG-CDFD-N5350/2020|2020-05-31|EPI_ISL_528627|Original|hCoV-19|India|National Genomics Core-Center for DNA Fingerprinting and Diagnostics|National Genomics Core-Center for DNA Fingerprinting and Diagnostics (NGC-CDFD) - DBT's PAN-INDIA-1000 Genome consortium|Vashisht|India
> Spike|hCoV-19|England/ALDP-A87DB5/2020|2020-10-17|EPI_ISL_606168|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England/QEUH-9F85D6/2020|2020-09-25|EPI_ISL_588832|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England/MILK-A0606A/2020|2020-10-01|EPI_ISL_600095|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Netherlands/NA_141/2020|2020-03-19|EPI_ISL_422683|Original|hCoV-19|Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
> Spike|hCoV-19|England/MILK-A79A91/2020|2020-10-15|EPI_ISL_606882|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England/QEUH-9DA895/2020|2020-09-21|EPI_ISL_601374|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|USA/WA-UW-13046/2020|2020-06-30|EPI_ISL_776671|Original|hCoV-19|Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
> Spike|hCoV-19|USA/LA-GBCL-26791744/2020|2020-04-06|EPI_ISL_485360|Original|hCoV-19|Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA
> Spike|hCoV-19|Denmark/DCGC-865/2020|2020-05-18|EPI_ISL_614822|Original|hCoV-19|Denmark|Hovedstaden|Human|Department of Virus and MicroBiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
> Spike|hCoV-19|England/QEUH-9A4472/2020|2020-09-01|EPI_ISL_540187|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Australia/VIC2573/2020|2020-07-03|EPI_ISL_522251|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Wales/MILK-A6B42B/2020|2020-10-09|EPI_ISL_608783|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Scotland/CVR3168/2020|2020-04-27|EPI_ISL_456768|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spik|hCoV-19/USA/ME-HETL-J0299/2020|2020-11-30|EPI_ISL_755437|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA
>Spik|hCoV-19/USA/CA-ALSR-1087-SAN/2020|2020-06-02|EPI_ISL_483514|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripp Research|Gangavarapu|USA
>Spik|hCoV-19/India/DL-NCDC7604-CSIR-IGIB/2020|2020-05-28|EPI_ISL_482648|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India
>Spik|hCoV-19/USA/CA-LACPFL-AP00072/2020|2020-12-21|EPI_ISL_766009|Original|hCoV-19^^California|Human|Los Angeles County PHL|Los Angeles County PHL|Hemarajata|USA
>Spik|hCoV-19/USA/CO-CDPHE-2100042785/2020|2020-11-27|EPI_ISL_771359|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Puplic Health and Environment|Bankers|USA
>Spik|hCoV-19/Wales/PHWC-47DAC0/2020|2020-10-10|EPI_ISL_586236|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik|hCoV-19/England/QEUH-A8BA6F/2020|2020-10-15|EPI_ISL_643054|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/England/LIVE-A19F7/2020|2020-06-08|EPI_ISL_490350|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spik|hCoV-19/Wales/PHWC-49AE67/2020|2020-12-05|EPI_ISL_742262|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik|hCoV-19/Russia/STA-RII-MH3374S/2020|2020-10-07|EPI_ISL_733115|Original|hCoV-19^^Stavropol Krai|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarova|Russia
>Spik|hCoV-19/Germany/HH-hpi-p1873/2020|2020-03-23|EPI_ISL_776218|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany
>Spik|hCoV-19/Australia/VIC1565/2020|2020-05-05|EPI_ISL_456488|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spik|hCoV-19/Luxembourg/LNS1411791/2020|2020-11-09|EPI_ISL_739931|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de santé|Laboratoire national de santé|Wienecke-Baldaccino|Luxembourg
>Spik|hCoV-19/Australia/NSS368/2020|2020-04-14|EPI_ISL_451629|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spik|hCoV-19/USA/AZ-TG521376/2020|2020-07-20|EPI_ISL_695378|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA
>Spik|hCoV-19/England/CAMB-7F0FD/2020|2020-04-08|EPI_ISL_442987|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spik|hCoV-19/Denmark/DCGC-14860/2020|2020-11-23|EPI_ISL_712033|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spik|hCoV-19/USA/UT-UPHL-2012952008/2020|2020-12-03|EPI_ISL_746879|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA
Consortium >Spike|hCoV COVID 19
^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL

^Arizona|Human|AZ SPHL|TGen North|French|USA

^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

^Mol|Human|UZ Leuven|KU Leuven|Maes|Belgium

^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

^Arizona|Human|AZ SPHL|TGen North|French|USA

^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL

^Australia|Human|DB Diagnosticos do Brasil|Laborat\u00e9 de Parasitologia M\u00e9dica - Instituto de Medicina Tropical - Universidade de S\u00e3o Paulo|de Jesus|Brazil

^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL

^Australia|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

^Australia|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

^Australia|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

^Germany|Human|A. Krumbholz|Charitativezt|Berlin|Muehlemann|Germany

^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

^Ireland|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland
>Spike|hCoV-19/Japan/PG-5496/2020|2020-08-00|EPI_ISL_690598|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/ALDP-9D9456/2020|2020-09-18|EPI_ISL_576730|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-12872/2020|2020-08-18|EPI_ISL_788024|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/QEUH-98FB69/2020|2020-08-26|EPI_ISL_540043|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Spike|hCoV-19^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/CAMB-79EF9/2020|2020-04-02|EPI_ISL_440603|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
Spike|hCoV-19/England/CAMC-C43A52/2020|2020-12-10|EPI_ISL_719228|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
&Spike|hCoV-19/Northern Ireland/NIRE-FC984/2020|2020-04-22|EPI_ISL_459387|Original|hCoV-19|Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
&Spike|hCoV-19/England/MILK-A47197/2020|2020-10-06|EPI_ISL_598474|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
&Spike|hCoV-19/England/NOTT-1141E7/2020|2020-10-04|EPI_ISL_577148|Original|hCoV-19|England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) consortium|Loose|United Kingdom
&Spike|hCoV-19/Scotland/GCVR-171090/2020|2020-03-27|EPI_ISL_459682|Original|hCoV-19|Scotland|Human|NHS GG West of Scotland Specialist Virology Centre | MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
&Spike|hCoV-19/England/PORT-2EA2AA/2020|2020-00-00|EPI_ISL_665950|Original|hCoV-19|England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
&Spike|hCoV-19/England/QEUEH-BA4276/2020|2020-11-18|EPI_ISL_721181|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
&Spike|hCoV-19/England/QEUEH-B12B69/2020|2020-11-02|EPI_ISL_642564|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
&Spike|hCoV-19/England/ALDP-9E60AD/2020|2020-09-24|EPI_ISL_580342|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
&Spike|hCoV-19/England/QEUEH-BA4276/2020|2020-11-18|EPI_ISL_721181|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
&Spike|hCoV-19/England/QEUEH-BA4276/2020|2020-11-18|EPI_ISL_721181|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
&Spike|hCoV-19/England/QEUEH-BA4276/2020|2020-11-18|EPI_ISL_721181|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
&Spike|hCoV-19/England/MILK-99A363/2020|2020-08-29|EPI_ISL_550273|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
&Spike|hCoV-19/England/CAMC-CD8715/2020|2020-12-19|EPI_ISL_777728|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
&Spike|hCoV-19/Denmark/DGCC-2676/2020|2020-08-17|EPI_ISL_617897|Original|hCoV-19|England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
&Spike|hCoV-19/Australia/VIC2333/2020|2020-06-29|EPI_ISL_522054|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
&Spike|hCoV-19/Spain/MD-HLP-45/2020|2020-04-12|EPI_ISL_530049|Original|hCoV-19|Madrid|Hospital Universitario La Paz|Hospital Universitario La Paz|Viedma|Spain
&Spike|hCoV-19/USA/TX-HMH-MCoV-10496/2020|2020-07-08|EPI_ISL_789501|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
&Spike|hCoV-19/Italy/VEN-UniVR-108/2020|2020-03-27|EPI_ISL_751412|Original|hCoV-19|Veneto|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy
&Spike|hCoV-19/Chile/RM-190290/2020|2020-09-25|EPI_ISL_746742|Original|hCoV-19|Region Metropolitan de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile
>Spike|hCoV-19/Spain/AS-IBV-98006586/2020|2020-03-10|EPI_ISL_654635|Original|hCoV-19
^Asturias|Human|Servicio de Microbiologia|SeqCOVID-SPAIN
consortium/IBV(CSIC)|Comas|Spain

> Spike|hCoV-19/England/SHEF-C531D/2020|2020-09-24|EPI_ISL_573701|Original|hCoV-19
^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

> Spike|hCoV-19/England/NORW-E8AE2/2020|2020-04-15|EPI_ISL_448277|Original|hCoV-19
^England|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhani|United Kingdom

> Spike|hCoV-19/India/MH-ACTREC-326/2020|2020-07-17|EPI_ISL_699975|Original|hCoV-19
^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

> Spike|hCoV-19/England/20206139904/2020|2020-05-14|EPI_ISL_465667|Original|hCoV-19
^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

> Spike|hCoV-19/England/CAMC-B21FA7/2020|2020-11-02|EPI_ISL_645877|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/Wales/PHWC-48735F/2020|2020-10-27|EPI_ISL_639185|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/USA/FL-BFHL-0783/2020|2020-04-07|EPI_ISL_512587|Original|hCoV-19
^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

> Spike|hCoV-19/Luxembourg/LNS1186930/2020|2020-11-02|EPI_ISL_739905|Original|hCoV-19
^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Moore|Luxembourg

> Spike|hCoV-19/USA/WI-GMF-28395/2020|2020-10-28|EPI_ISL_661016|Original|hCoV-19
^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

> Spike|hCoV-19/Denmark/DCGC-2734/2020|2020-08-17|EPI_ISL_616479|Original|hCoV-19
^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

> Spike|hCoV-19/USA/MI-MDHSS-SC22567/2020|2020-11-09|EPI_ISL_737130|Original|hCoV-19
^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

> Spike|hCoV-19/England/PORT-2D7246/2020|2020-10-23|EPI_ISL_628328|Original|hCoV-19
^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

> Spike|hCoV-19/South Korea/KDCA0436/2020|2020-10-24|EPI_ISL_760220|Original|hCoV-19
^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

> Spike|hCoV-19/Scotland/CVR5082/2020|2020-10-12|EPI_ISL_594815|Original|hCoV-19
^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

> Spike|hCoV-19/Denmark/DCGC-20255/2020|2020-11-30|EPI_ISL_748078|Original|hCoV-19
^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

> Spike|hCoV-19/Denmark/DCGC-20922/2020|2020-12-21|EPI_ISL_758863|Original|hCoV-19
^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

> Spike|hCoV-19/Wales/PHWC-2E02A/2020|2020-04-10|EPI_ISL_446048|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

> Spike|hCoV-19/USA/MN-MDH-1252/2020|2020-06-09|EPI_ISL_482973|Original|hCoV-19
^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

> Spike|hCoV-19/Denmark/DCGC-16517/2020|2020-11-16|EPI_ISL_714810|Original|hCoV-19
^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
Spike|hCoV-19/Belgium/UGent-136/2020|2020-04-16|EPI_ISL_481229|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium
Spike|hCoV-19/England/20142061404/2020|2020-03-27|EPI_ISL_420771|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Platt|United Kingdom
Spike|hCoV-19/Denmark/DGCC-5306/2020|2020-09-14|EPI_ISL_615237|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelelsen|Denmark
Spike|hCoV-19/Japan/TK-YE615664/2020|2020-05-00|EPI_ISL_486899|Original|hCoV-19^^Tokyo|Human|Tokyo Metropolitan Institute of Public Health|Tokyo Metropolitan Institute of Public Health|Nagashima|Japan
Spike|hCoV-19/USA/UT-QDX-2614/2020|2020-03-12|EPI_ISL_604970|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Ragan|USA
Spike|hCoV-19/USA/TX-HMH-MCoV-8547/2020|2020-07-01|EPI_ISL_780464|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/Netherlands/NoordBrabant_133/2020|2020-00|EPI_ISL_461168|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
Spike|hCoV-19/USA/CO-CDPHE-2100039351/2020|2020-11-23|EPI_ISL_771176|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Puplic Health and Environment|Bankers|USA
Spike|hCoV-19/England/202881392/2020|2020-07-02|EPI_ISL_491726|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
Spike|hCoV-19/Australia/VIC3363/2020|2020-07-07|EPI_ISL_521042|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19/Luxembourg/LNS3061009/2020|2020-11-24|EPI_ISL_740241|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
Spike|hCoV-19/USA/AZ-TG491541/2020|2020-06-21|EPI_ISL_695157|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA
Spike|hCoV-19/USA/TX-HMH-MCoV-16142/2020|2020-10-29|EPI_ISL_785826|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/Spain/MD-HLP-H3-10/2020|2020-03-12|EPI_ISL_417954|Original|hCoV-19^^Madrid|Human|Hospital Universitario 12 de Octubre|Hospital Universitario La Paz|Viedma|Spain
Spike|hCoV-19/England/ALDP-9CD992/2020|2020-09-16|EPI_ISL_566143|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/ALDC-99DE50/2020|2020-08-31|EPI_ISL_550630|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/SHEF-C92D0/2020|2020-04-20|EPI_ISL_462038|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
Spike|hCoV-19/England/CAMC-AEA7A3/2020|2020-10-25|EPI_ISL_633250|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Denmark/DGCC-4084/2020|2020-09-14|EPI_ISL_622040|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelelsen|Denmark
Spike|hCoV-19/England/CAMC-A81C09/2020|2020-10-14|EPI_ISL_610722|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/CAMC-9457D4/2020|2020-07-15|EPI_ISL_556770|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/USA/CA-ALSR-4779/2020|2020-05-02|EPI_ISL_730137|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/England/QEUH-B3FB0C/2020|2020-11-08|EPI_ISL_658740|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/England/ALDP-C23250/2020|2020-12-06|EPI_ISL_733682|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/England/MILK-99A65B/2020|2020-08-29|EPI_ISL_550388|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/India/TG-CCMB-J812/2020|2020-04-06|EPI_ISL_447858|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India
>Spik|hCoV-19/England/EDB4565/2020|2020-05-07|EPI_ISL_461730|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spik|hCoV-19/USA/MI-MDHHS-SC22185/2020|2020-10-15|EPI_ISL_614236|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA
>Spik|hCoV-19/USA/TX-HMH-2125/2020|2020-05-05|EPI_ISL_545134|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19/USA/TX-HMH-470/2020|2020-04-04|EPI_ISL_544268|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19/Denmark/DGCC-22334/2020|2020-12-14|EPI_ISL_757846|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spik|hCoV-19/Luxembourg/LNS6417532/2020|2020-10-26|EPI_ISL_744408|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de santé|Labouratoire national de santé|u00e9|Wienecke-Baldacchino|Luxembourg
>Spik|hCoV-19/England/201021561/2020|2020-03-03|EPI_ISL_464298|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spik|hCoV-19/Wales/QDX-16BB7A/2020|2020-09-17|EPI_ISL_573948|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik|hCoV-19/Sweden/20-52388/2020|2020-07-06|EPI_ISL_534243|Original|hCoV-19^^Vastra Gotaland|Human|Norra Alvsborgs lanssjukhus|The Public Health Agency of Sweden|Svartstr\u00e6|00f6m|Sweden
>Spik|hCoV-19/USA/CA-QDX-1535/2020|2020-03-17|EPI_ISL_603783|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spik|hCoV-19/United Arab Emirates/0280/2020|2020-05-16|EPI_ISL_698460|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
>Spik|hCoV-19/England/ALDP-A6CE0E/2020|2020-10-15|EPI_ISL_608014|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/USA/TX-HMH-MCoV-19026/2020|2020-11-27|EPI_ISL_785291|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19/USA/ID-UW-4552/2020|2020-03-29|EPI_ISL_429601|Original|hCoV-19^^Idaho|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spik|hCoV-19/England/NORW-E89F4/2020|2020-04-11|EPI_ISL_448262|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spik|hCoV-19/Wales/QDX-16AABA/2020|2020-09-08|EPI_ISL_560150|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik|hCoV-19/USA/MI-UM-10036429659/2020|2020-10-13|EPI_ISL_610094|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>Spik|hCoV-19/England/QEUH-96A760/2020|2020-08-13|EPI_ISL_531558|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/WSFT-25C1352/2020|2020-04-17|EPI_ISL_492897|Original|hCoV-19^England|Human|Department of Medical Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Netherlands/OV-RIVM-20537/2020|2020-11-21|EPI_ISL_728752|Original|hCoV-19^Overijssel|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spike|hCoV-19/Denmark/DGCC-9529/2020|2020-11-09|EPI_ISL_669021|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsén Lab|Michaelsen|Denmark
>Spike|hCoV-19/United Arab Emirates/L0904/2020|2020-02-25|EPI_ISL_435126|Original|hCoV-19^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramaswamy|United Arab Emirates
>Spike|hCoV-19/Argentina/VIC17228/2020|2020-08-16|EPI_ISL_663805|Original|hCoV-19^Argentina|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Argentina
>Spike|hCoV-19/Belgium/ULG-10490/2020|2020-09-23|EPI_ISL_581653|Original|hCoV-19^Belgium|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
>Spike|hCoV-19/USA/CA-ALSR-1407/2020|2020-05-09|EPI_ISL_494585|Original|hCoV-19^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/Wales/PHWC-4873F5/2020|2020-10-29|EPI_ISL_639190|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/FL-BPHEL-1721/2020|2020-10-01|EPI_ISL_613721|Original|hCoV-19^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/Denmark/DGCC-10795/2020|2020-11-02|EPI_ISL_670213|Original|hCoV-19^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsén Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/NY-Wadsworth-281658-01/2020|2020-11-30|EPI_ISL_754417|Original|hCoV-19^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
>Spike|hCoV-19/USA/TX-HMH-MCoV-19664/2020|2020-11-22|EPI_ISL_784023|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Wales/QEUH-AD3B0B/2020|2020-10-26|EPI_ISL_634747|Original|hCoV-19^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-B05589/2020|2020-10-24|EPI_ISL_652185|Original|hCoV-19^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19/Denmark/DGCC-12470/2020|2020-11-16|EPI_ISL_682651|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsén Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/TX-HMH-4188/2020|2020-06-19|EPI_ISL_543422|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/NORW-EEA55/2020|2020-08-24|EPI_ISL_540692|Original|hCoV-19^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/Denmark/DGCC-18472/2020|2020-12-07|EPI_ISL_749986|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsén Lab|Michaelsen|Denmark
>Spike|hCoV-19/Scotland/QEUH-98F088/2020|2020-08-28|EPI_ISL_540397|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WI-UW-943/2020|2020-05-11|EPI_ISL_509943|Original|hCoV-19^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research
>Spike|hCoV-19^Ireland/D-NVRL-AIIDV0432v7/2020|2020-04-13|EPI_ISL_644305|Original|hCoV-19^Dublin|Human|CEPHR / Vincent's Hospital|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19^Portugal/PT0964/2020|2020-03-25|EPI_ISL_511513|Original|hCoV-19^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19^England/DDBC/LF-04-01-2020|2020-04-03|EPI_ISL_722263|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19^England/ALDP-AA3296/2020|2020-10-22|EPI_ISL_625263|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19^Scotland|EPI_ISL_704945|Original|hCoV-19^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom

>Spoke|hCoV-19^England|EPI_ISL_705044|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19^Scotland/EDB1903/2020|2020-04-17|EPI_ISL_491502|Original|hCoV-19^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19^Scotland/EDB1903/2020|2020-04-17|EPI_ISL_491502|Original|hCoV-19^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19^Scotland|EPI_ISL_704945|Original|hCoV-19^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom

>Spoke|hCoV-19^Scotland/EDB1903/2020|2020-04-17|EPI_ISL_491502|Original|hCoV-19^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19^Scotland/EDB1903/2020|2020-04-17|EPI_ISL_491502|Original|hCoV-19^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19^Scotland/EDB1903/2020|2020-04-17|EPI_ISL_491502|Original|hCoV-19^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19^Scotland/EDB1903/2020|2020-04-17|EPI_ISL_491502|Original|hCoV-19^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19^Scotland/EDB1903/2020|2020-04-17|EPI_ISL_491502|Original|hCoV-19^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19^Scotland/EDB1903/2020|2020-04-17|EPI_ISL_491502|Original|hCoV-19^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19^Scotland/EDB1903/2020|2020-04-17|EPI_ISL_491502|Original|hCoV-19^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19^Scotland/EDB1903/2020|2020-04-17|EPI_ISL_491502|Original|hCoV-19^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19^Scotland/EDB1903/2020|2020-04-17|EPI_ISL_491502|Original|hCoV-19^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19^Scotland/EDB1903/2020|2020-04-17|EPI_ISL_491502|Original|hCoV-19^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19^Scotland/EDB1903/2020|2020-04-17|EPI_ISL_491502|Original|hCoV-19^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19^Scotland/EDB1903/2020|2020-04-17|EPI_ISL_491502|Original|hCoV-19^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19^Scotland/EDB1903/2020|2020-04-17|EPI_ISL_491502|Original|hCoV-19^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19^Scotland/EDB1903/2020|2020-04-17|EPI_ISL_491502|Original|hCoV-19^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19^Scotland/EDB1903/2020|2020-04-17|EPI_ISL_491502|Original|hCoV-19^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19^Scotland/EDB1903/2020|2020-04-17|EPI_ISL_491502|Original|hCoV-19^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19^Scotland/EDB1903/2020|2020-04-17|EPI_ISL_491502|Original|hCoV-19^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19^Scotland/EDB1903/2020|2020-04-17|EPI_ISL_491502|Original|hCoV-19^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19^Scotland/EDB1903/2020|2020-04-17|EPI_ISL_491502|Original|hCoV-19^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMB-78A9C/2020|2020-04-06|EPI_ISL_433811|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Sp1ke|hCoV-19/USA/AZ-TG352030/2020|2020-05-27|EPI_ISL_694420|Original|hCoV-19^Arizona|Human|AS PHIL/2Gen North|French|USA
>Sp1ke|hCoV-19/England/202561787/2020|2020-06-09|EPI_ISL_485608|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Ledesma|United Kingdom
>Sp1ke|hCoV-19/Netherlands/ZH-RIVM-20372/2020|2020-12-11|EPI_ISL_728592|Original|hCoV-19^Zuid-holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Sp1ke|hCoV-19/USA/MI-MDHHS-SC21125/2020|2020-03-26|EPI_ISL_507901|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Sp1ke|hCoV-19/Ireland/D-NVRL-MPD46296/2020|2020-04-09|EPI_ISL_767751|Original|hCoV-19^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland
>Sp1ke|hCoV-19/England/NORT-28D27C/2020|2020-11-15|EPI_ISL_706332|Original|hCoV-19^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Sp1ke|hCoV-19/India/MP-NCDCC-4444/2020|2020-04-16|EPI_ISL_436453|Original|hCoV-19^Madhya Pradesh|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India
>Sp1ke|hCoV-19/Wales/PHWC-49CC5C/2020|2020-12-07|EPI_ISL_742666|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Sp1ke|hCoV-19/England/ALDP-91AF94/2020|2020-06-23|EPI_ISL_551459|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp1ke|hCoV-19/USA/TX-HMH-7364/2020|2020-06-26|EPI_ISL_546709|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Sp1ke|hCoV-19/USA/VA-DCLS-1453/2020|2020-08-19|EPI_ISL_572196|Original|hCoV-19^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Sp1ke|hCoV-19/Netherlands/ZH-EMC-630/2020|2020-09-20|EPI_ISL_578058|Original|hCoV-19^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands
>Sp1ke|hCoV-19/Australia/NSW268/2020|2020-03-30|EPI_ISL_451533|Original|hCoV-19^New South Wales|Human|Pathology Sydney South West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Sp1ke|hCoV-19/Japan/IC-0598/2021|2021-01-00|EPI_ISL_779684|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
>Sp1ke|hCoV-19/England/MILK-A067A1/2020|2020-10-01|EPI_ISL_599854|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp1ke|hCoV-19/Switzerland/BS-UHB-42197248/2020|2020-03-18|EPI_ISL_528209|Original|hCoV-19^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland
>Sp1ke|hCoV-19/England/QEUH-AF5338/2020|2020-10-29|EPI_ISL_663134|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Sp1ke|hCoV-19/USA/FL-UPL-UF1/2020|2020-03-10|EPI_ISL_424350|Vero E6|hCoV-19^Florida|Human|Environmental and Global Health|Environmental and Global Health|Maha A Elbadry|USA
>Sp1ke|hCoV-19/England/QEUH-AD2568/2020|2020-10-26|EPI_ISL_629950|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/MILK-A79BF8/2020|2020-10-15|EPI_ISL_606748|Original|hCoV-19
>^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/Netherlands/Utrecht_10041/2020|2020-03-24|EPI_ISL_454790|Original|hCoV-19
^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spke|hCoV-19/USA/VA-DCLS-1156/2020|2020-07-23|EPI_ISL_522823|Original|hCoV-19
^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spke|hCoV-19/USA/TX-DSHS-1884/2020|2020-07-08|EPI_ISL_751532|Original|hCoV-19
^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spke|hCoV-19/USA/CA-ALSR-2775/2020|2020-07-15|EPI_ISL_635673|Original|hCoV-19
^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spke|hCoV-19/USA/TX-HMH-2161/2020|2020-05-20|EPI_ISL_545152|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spke|hCoV-19/USA/UT-UPHL-2012283416/2020|2020-06-16|EPI_ISL_746367|Original|hCoV-19
^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA
>Spke|hCoV-19/Northern Ireland/NIRE-108614/2020|2020-09-10|EPI_ISL_585192|Original|hCoV-19
^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
>Spke|hCoV-19/Scotland/QEUH-AP6197/2020|2020-10-30|EPI_ISL_676483|Original|hCoV-19
^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19/Luxembourg/LNS0553301/2020|2020-11-24|EPI_ISL_739797|Original|hCoV-19
^Luxembourg|Human|Laboratoire national de sant\'eacute;|Laboratoire national de sant\'eacute;|Duval-Baldacchino|Luxembourg
>Spke|hCoV-19/England/OXON-F40C0A7/2020|2020-12-15|EPI_ISL_764549|Original|hCoV-19
^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spke|hCoV-19/Spain/MD-IBV-004920/2020|2020-03-16|EPI_ISL_481054|Original|hCoV-19
^Madrid|Human|Hospital General Universitario Gregorio Mara\'u00f1a|SeqCOVID-Spain consortium/IBV(CSIC)|Comas|Spain
>Spke|hCoV-19/England/CAMC-B9A5E3/2020|2020-11-15|EPI_ISL_673773|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19/Australia/VIC6351/2020|2020-07-21|EPI_ISL_518331|Original|hCoV-19
^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spke|hCoV-19/Wales/QEUH-B0DFDE/2020|2020-11-01|EPI_ISL_647806|Original|hCoV-19
^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19/USA/WI-UK-874/2020|2020-07-13|EPI_ISL_509876|Original|hCoV-19
^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spke|hCoV-19/France/ARA-SC337/2020|2020-04-23|EPI_ISL_660432|Original|hCoV-19
^Auvergne-Rh\'u00e0\u00f4ne-Alpes|Human|CHU de Saint-\u00eev\'u00f4|Virus des Infections Respiratoires - France|SUD|France
>Spke|hCoV-19/Wales/PHWC-16C0B5B/2020|2020-09-17|EPI_ISL_574138|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spke|hCoV-19/England/CAMB-1BA866/2020|2020-11-11|EPI_ISL_664126|Original|hCoV-19
^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spke|hCoV-19/USA/MI-UM-10036761246/2020|2020-11-03|EPI_ISL_682181|Original|hCoV-19
^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>Spike|hCoV-19|England|MILK-ABB2F5/2020|2020-10-21|EPI_ISL_623522|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Sp...
>Spike|hCoV-19/Northern Ireland/NIRE-107105/2020|2020-03-27|EPI_ISL_585110|Original|hCoV-19^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
>Spike|hCoV-19/USA/MI-MDHHS-SC22208/2020|2020-10-12|EPI_ISL_644363|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA
>Spike|hCoV-19/Netherlands/UT-RIVM-10148/2020|2020-06-09|EPI_ISL_547539|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spoke|hCoV-19/England/CAMB-1AA41A/2020|2020-04-17|EPI_ISL_443442|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spoke|hCoV-19/Gibraltar/204641749/2020|2020-00-00|EPI_ISL_637218|Original|hCoV-19^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar
>Spoke|hCoV-19/England/QEUH-B8825/2020|2020-11-11|EPI_ISL_662059|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spoke|hCoV-19/Wales/PHWC-47F5CD/2020|2020-10-08|EPI_ISL_612697|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spoke|hCoV-19/Australia/VIC8965/2020|2020-07-28|EPI_ISL_565317|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spoke|hCoV-19/USA/TX-HMH-MCoV-8221/2020|2020-07-07|EPI_ISL_784274|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spoke|hCoV-19/USA/CA-IGI-0114/2020|2020-05-26|EPI_ISL_495136|Original|hCoV-19^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Shivram|USA
>Spoke|hCoV-19/Japan/PG-6733/2020|2020-08-00|EPI_ISL_687844|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spoke|hCoV-19/England/LIVE-DC281/2020|2020-11-25|EPI_ISL_705842|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spoke|hCoV-19/USA/WA-UW-1864/2020|2020-03-23|EPI_ISL_424281|Original|hCoV-19^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spoke|hCoV-19/Bangladesh/SUST-GEB-Sunamganj-3/2020|2020-12-02|EPI_ISL_753701|Original|hCoV-19^Sylhet|Human|Specialized Lab for COVID-19 Detection|Specialized Lab for COVID-19 Detection|Jewel|Bangladesh
>Spoke|hCoV-19/USA/WA-UW-1570/2020|2020-03-19|EPI_ISL_423020|Original|hCoV-19^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spoke|hCoV-19/Netherlands/NB-EMC-331/2020|2020-10-23|EPI_ISL_722293|Original|hCoV-19^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spoke|hCoV-19/Denmark/DCGC-7909/2020|2020-10-26|EPI_ISL_618856|Original|hCoV-19^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spoke|hCoV-19/USA/TX-HMH-MCoV-8095/2020|2020-06-29|EPI_ISL_784194|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spoke|hCoV-19/Scotland/QEUH-BA36E4/2020|2020-11-18|EPI_ISL_757215|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spoke|hCoV-19/England/ALDP-B481FF/2020|2020-11-07|EPI_ISL_649351|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spoke|hCoV-19/USA/UT-UPHL-2009647/2020|2020-07-26|EPI_ISL_605322|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spoke|hCoV-19/England/CAMB-1AF64C/2020|2020-05-08|EPI_ISL_448088|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
> Spike | hCoV-19/England/MILK-B023CE/2020 | 2020-10-23 | EPI_ISL_642829 | Original | hCoV-19
> ^England| Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom
> > Spike | hCoV-19/Denmark/DGCC-1222/2020 | 2020-05-25 | EPI_ISL_614865 | Original | hCoV-19
> ^England| Human | Department of Virus and Microbiological Special Diagnostics | Albertsen lab | Michaelaesen | Denmark
> > Spike | hCoV-19/Scotland/GCRC-172B70/2020 | 2020-04-06 | EPI_ISL_459096 | Original | hCoV-19
> ^Scotland| Human | NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom
> > Spike | hCoV-19/England/QEUH-A4C95E/2020 | 2020-10-05 | EPI_ISL_628581 | Original | hCoV-19
> ^England| Human | Oxford Viromics | COVID-19 Genomics UK (COG-UK) Consortium | Golubchik | United Kingdom
> > Spike | hCoV-19/England/20139050802/2020 | 2020-03-27 | EPI_ISL_420526 | Original | hCoV-19
> ^England| Human | Respiratory Virus Unit | Respiratory Virus Unit | Platt | United Kingdom
> > Spike | hCoV-19/Belgium/ULG-10887/2020 | 2020-11-13 | EPI_ISL_678430 | Original | hCoV-19
> ^Li\u00e8ge| Human | Department of Clinical Microbiology | GIGA Medical Genomics | Durkin | Belgium
> > Spike | hCoV-19/England/ALDP-8D2290/2020 | 2020-06-26 | EPI_ISL_557023 | Original | hCoV-19
> ^England| Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom
> > Spike | hCoV-19/USA/TX-HMH-MCoV-18274/2020 | 2020-11-17 | EPI_ISL_784622 | Original | hCoV-19
> ^Texas| Human | Houston Methodist Hospital | Houston Methodist Hospital | Long | USA
> > Spike | hCoV-19/USA/MI-UM-MH27428/2020 | 2020-03-09 | EPI_ISL_590747 | Original | hCoV-19
> ^Michigan| Human | University of Michigan Clinical Microbiology Laboratory | Lauring Lab | Valesano | USA
> > Spike | hCoV-19/USA/MN-QDX-1325/2020 | 2020-03-15 | EPI_ISL_572114 | Original | hCoV-19
> ^Minnesota| Human | Quest Diagnostics | Quest Diagnostics | Kagan | USA
> > Spike | hCoV-19/England/LOND-DB138/2020 | 2020-11-10 | EPI_ISL_724738 | Original | hCoV-19
> ^England| Human | University College London | COVID-19 Genomics UK (COG-UK) Consortium | Roy | United Kingdom
> > Spike | hCoV-19/Wales/PHWC-4923BE/2020 | 2020-11-17 | EPI_ISL_706841 | Original | hCoV-19
> ^Wales| Human | Originating lab | COVID-19 Genomics UK (COG-UK) Consortium | Moore | United Kingdom
> > Spike | hCoV-19/England/ALDP-A9390D/2020 | 2020-10-20 | EPI_ISL_610927 | Original | hCoV-19
> ^England| Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom
> > Spike | hCoV-19/England/ALDP-AA3ACB/2020 | 2020-10-22 | EPI_ISL_624357 | Original | hCoV-19
> ^England| Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom
> > Spike | hCoV-19/England/QEUH-9F9C76/2020 | 2020-09-25 | EPI_ISL_595757 | Original | hCoV-19
> ^England| Human | Oxford Viromics | COVID-19 Genomics UK (COG-UK) Consortium | Golubchik | United Kingdom
> > Spike | hCoV-19/USA/MI-MDHHS-SC21762/2020 | 2020-09-03 | EPI_ISL_529880 | Original | hCoV-19
> ^Michigan| Human | Michigan Department of Health and Human Services | Michigan Department of Health and Human Services | Blankenship | USA
> > Spike | hCoV-19/India/GJ-CBRC195b/2020 | 2020-06-08 | EPI_ISL_469040 | Original | hCoV-19
> ^Gujarat| Human | GMERS Medical College & Hospital | Gujarat Biotechnology Research Centre | Joshi | India
> > Spike | hCoV-19/Australia/VIC14622/2020 | 2020-08-11 | EPI_ISL_592919 | Original | hCoV-19
> ^Victoria| Human | Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) | MDU-PHL | Schultz | Australia
> > Spike | hCoV-19/England/QEUH-A02602/2020 | 2020-09-29 | EPI_ISL_584915 | Original | hCoV-19
> ^England| Human | Quadram Institute Bioscience | COVID-19 Genomics UK (COG-UK) Consortium | Alikhan | United Kingdom
> > Spike | hCoV-19/England/QEUH-C146B0/2020 | 2020-12-06 | EPI_ISL_709395 | Original | hCoV-19
> ^England| Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom
>Spike|hCoV-19/England/SHEF-C14D2/2020|2020-11-19|EPI_ISL_680114|Original|hCoV-19
^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUH-B434BF/2020|2020-11-08|EPI_ISL_657284|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20189159504/2020|2020-05-02|EPI ISL_465563|Original|hCoV-19
^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-7F4B5/2020-04-08|EPI ISL_442957|Original|hCoV-19
^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-950026/2020|2020-06-15|EPI ISL_555287|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NE-10970/2020|2020-05-04|EPI ISL_475197|Original|hCoV-19
^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA

>Spike|hCoV-19/Wales/PHWC-49300E/2020|2020-11-28|EPI ISL_725823|Original|hCoV-19
^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B9705E/2020-11-13|EPI ISL_675112|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9F99BB/2020|2020-09-26|EPI ISL_595742|Original|hCoV-19
^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200415/2020|2020-05-19|EPI ISL_578577|Original|hCoV-19
^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Iran/K1r-11/2020|2020-03-20|EPI ISL_568486|Original|hCoV-19
^Iran|Human|Virology|Virology|Iran|Iran

>Spike|hCoV-19/Scotland/QEUH-96E896/2020|2020-08-19|EPI ISL_534504|Original|hCoV-19
^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-962C69/2020|2020-08-11|EPI ISL_531649|Original|hCoV-19
^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2360/2020|2020-04-14|EPI ISL_490685|Original|hCoV-19
^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/WA-S1996/2020|2020-06-04|EPI ISL_497424|Original|hCoV-19
^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Nigeria/LA-CV367/2020|2020-04-25|EPI ISL_730028|Original|hCoV-19
^Lagos State|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/England/ALDP-94D4B7/2020|2020-06-16|EPI ISL_553522|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB8660/2020|2020-10-21|EPI ISL_651521|Original|hCoV-19
^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Denmark/DGCC-4367/2020|2020-08-31|EPI ISL_615570|Original|hCoV-19
^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/UT-UPHL-201124036/2020|2020-06-21|EPI_ISL_640289|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>SpIke|hCoV-19/England/MILK-B3915B/2020|2020-11-02|EPI_ISL_652294|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>SpIke|hCoV-19/USA/MA-MGH-01073/2020|2020-04-30|EPI_ISL_791864|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA
>SpIke|hCoV-19/Kazakhstan/26497/2020|2020-04-26|EPI_ISL_454509|Original|hCoV-19^^Nur-Sultan|Human|RSE |National Center for Biotechnology\|RSE \National Center for Biotechnology\|Kalendar|Kazakhstan
>SpIke|hCoV-19/England/EXET-137DEA/2020|2020-06-07|EPI_ISL_540583|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>SpIke|hCoV-19/England/20134072604/2020|2020-03-19|EPI_ISL_423166|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>SpIke|hCoV-19/England/LEED-2A8D7A/2020|2020-03-24|EPI_ISL_539033|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/Wales/PHWC-319ED/2020|2020-04-11|EPI_ISL_446514|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>SpIke|hCoV-19/Belgium/UGent-216/2020|2020-10-19|EPI_ISL_717616|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium
>SpIke|hCoV-19/South Africa/LR00155/2020|2020-07-21|EPI_ISL_514423|Original|hCoV-19^^Free State|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa
>SpIke|hCoV-19/England/ALDP-A92898/2020|2020-10-20|EPI_ISL_610932|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/Wales/PHWC-482B5C/2020|2020-10-21|EPI_ISL_613268|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>SpIke|hCoV-19/Switzerland/BE-ETHZ-331447/2020|2020-10-21|EPI_ISL_614923|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>SpIke|hCoV-19/England/QEUH-A9EED6/2020|2020-10-20|EPI_ISL_611384|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/United Arab Emirates/0851/2020|2020-05-19|EPI_ISL_698990|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
>SpIke|hCoV-19/England/MILK-9D54B4/2020|2020-09-19|EPI_ISL_577063|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>SpIke|hCoV-19/Wales/PHWC-4A14A7/2020|2020-12-09|EPI_ISL_743679|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>SpIke|hCoV-19/Australia/VIC17668/2020|2020-08-13|EPI_ISL_663986|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>SpIke|hCoV-19/Portugal/PT1621/2020|2020-07-09|EPI_ISL_693622|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal
>SpIke|hCoV-19/USA/TX-DSHS-0326/2020|2020-06-13|EPI_ISL_534293|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spikes|hCoV-19/England/MILK-9AB10B/2020|2020-08-31|EPI_ISL_551142|Original|hCoV-19
>^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/England/ALDP-9CE13/2020|2020-09-10|EPI_ISL_567631|Original|hCoV-19
>^England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/England/BRIS-12712D/2020|2020-04-23|EPI ISL_469684|Original|hCoV-19
>^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/Wales/PHWC-48B054/2020|2020-11-06|EPI_ISL_666187|Original|hCoV-19
>^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spikes|hCoV-19/USA/MI-QDX-603/2020|2020-03-19|EPI_ISL_571338|Original|hCoV-19
>^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spikes|hCoV-19/Slovenia/VO-3902/2020|2020-04-03|EPI ISL_635286|Original|hCoV-19
>^Slovenia|Human|Institute of Microbiology and Immunology|Institute of Microbiology and Immunology|Zakotnik|Slovenia
>Spikes|hCoV-19/England/MILK-9919/2020|2020-11-09|EPI_ISL_669304|Original|hCoV-19
>^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spikes|hCoV-19/USA/MI-UM-10036423734/2020|2020-10-13|EPI_ISL_596626|Original|hCoV-19
>^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>Spikes|hCoV-19/Spain/VC-IBV-98003594/2020|2020-03-31|EPI_ISL_657455|Original|hCoV-19
>^Comunitat Valenciana|Human|Servicio de Microbiología del Hospital General Universitario de Castellón|00f3n|SegCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>Spikes|hCoV-19/Denmark/DGCC-12513/2020|2020-11-16|EPI_ISL_682694|Original|hCoV-19
>^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spikes|hCoV-19/USA/CO-CDPHE-2100014199/2020|2020-11-20|EPI_ISL_771300|Original|hCoV-19
>^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Pupal Health and Environment|Bankers|USA
>Spikes|hCoV-19/Norway/4230/2020|2020-10-08|EPI_ISL_775311|Original|hCoV-19
>^Viken|Human|Medical Microbiology Unit|Norwegian Institute of Public Health|Vollan|Norway
>Spikes|hCoV-19/Denmark/DGCC-6184/2020|2020-10-05|EPI_ISL_620087|Original|hCoV-19
>^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spikes|hCoV-19/England/MILK-9921DA/2020|2020-08-27|EPI_ISL_540657|Original|hCoV-19
>^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spikes|hCoV-19/Scotland/CVR2865/2020|2020-04-22|EPI_ISL_473606|Original|hCoV-19
>^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spikes|hCoV-19/Colombia/AMA-INS-0101/2020|2020-09-22|EPI_ISL_739667|Original|hCoV-19
>^Amazonas|Human|Instituto Nacional de Salud|Instituto Nacional de Salud|Franco-Mu\u00f1oz|Colombia
>Spikes|hCoV-19/England/ALDP-9E6ADC/2020|2020-09-24|EPI_ISL_580392|Original|hCoV-19
>^England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/England/SHEF-10C8F22/2020|2020-12-20|EPI_ISL_741961|Original|hCoV-19
>^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spikes|hCoV-19/USA/NC-CDC-2-4693563/2020|2020-11-10|EPI_ISL_747176|Original|hCoV-19
>^North Carolina|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA
>Spikes|hCoV-19/USA/TX-DSHS-0079/2020|2020-05-09|EPI_ISL_522364|Original|hCoV-19
>^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
| Name                | Country | Date          | EPI_ISL_ID         | Original Source                  |
|---------------------|---------|---------------|-------------------|----------------------------------|
| Consortia Alikhan   | UK      | 2020-09-16    | EPI_ISL_573863    | hCoV-19                        |
| Consortia England   | UK      | 2020-05-18    | EPI_ISL_463112    | Original                        |
| Consortia Texas     | USA     | 2020-12-08    | EPI_ISL_729173    | Original                        |
| Consortia England   | UK      | 2020-07-17    | EPI_ISL_613759    | Original                        |
| Consortia Florida   | USA     | 2020-03-31    | EPI_ISL_439468    | Original                        |
| Consortia England   | UK      | 2020-11-13    | EPI_ISL_680877    | Original                        |
| Consortia Wales     | UK      | 2020-12-09    | EPI_ISL_743287    | Original                        |
| Consortia Michigan  | USA     | 2020-10-28    | EPI_ISL_654336    | Original                        |
| Consortia England   | UK      | 2020-04-01    | EPI_ISL_480127    | Original                        |
| Consortia Scotland  | UK      | 2020-07-03    | EPI_ISL_500927    | Original                        |
| Consortia Wales     | UK      | 2020-03-17    | EPI_ISL_421361    | Original                        |
| Consortia Michigan  | USA     | 2020-10-28    | EPI_ISL_650093    | Original                        |
| Consortia England   | UK      | 2020-11-09    | EPI_ISL_723587    | Original                        |
| Consortia Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust | UK | 2020-04-23 | EPI_ISL_493483 | Original |
| Consortia England   | UK      | 2020-04-23    | EPI_ISL_493483    | Original                        |
| Consortia England   | UK      | 2020-06-26    | EPI_ISL_546795    | Original                        |
| Consortia Texas     | USA     | 2020-12-22    | EPI_ISL_764486    | Original                        |
| Consortia England   | UK      | 2020-07-17    | EPI_ISL_613759    | Original                        |
| Consortia Florida   | USA     | 2020-03-31    | EPI_ISL_439468    | Original                        |
| Consortia England   | UK      | 2020-11-13    | EPI_ISL_680877    | Original                        |
>Spike|hCoV-19/Spain/EX-IBV-005023/2020|2020-06-19|EPI_ISL_510332|Original|hCoV-19^^Extremadura|Human|Hospital San Pedro de Alc\u00e9ntara (C\u00e9lceros)|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
>Spike|hCoV-19/USA/MA-MGH-02785/2020|2020-09-23|EPI_ISL_765634|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA
>Spike|hCoV-19/USA/CA-CZB-2463/2020|2020-05-19|EPI_ISL_513868|Original|hCoV-19^^California|Human|San Francisco Public Health Laboratory|Chan-Zuckerberg Biohub;Kamm;USA
>Spike|hCoV-19/Italy/FVG-ICGEB-atr18/2020|2020-04-12|EPI_ISL_479619|Original|hCoV-19^^Friuli Venezia Giulia|Human|Laboratory of Molecular Virology of the International Centre for Genetic Engineering and Biotechnology (ICGEB)|ARGO Open Lab Platform for Genome Sequencing;Marcello;Italy
>Spike|hCoV-19/Wales/PHWC-2P1CC/2020|2020-04-05|EPI_ISL_446214|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff;Moore;United Kingdom
>Spike|hCoV-19/Scotland/EDB8343/2020|2020-10-04|EPI_ISL_612331|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium;McHugh;United Kingdom
>Spike|hCoV-19/England/LIVE-DA7AF1/2020|2020-10-04|EPI_ISL_627017|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium;Haldenby;United Kingdom
>Spike|hCoV-19/Australia/VIC820/2020|2020-04-03|EPI_ISL_427092|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory;Schultz;Australia
>Spike|hCoV-19/Australia/VIC7567/2020|2020-08-22|EPI_ISL_663543|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL;Schultz;Australia
>Spike|hCoV-19/USA/NY-NYUMC768/2020|2020-03-26|EPI_ISL_456005|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine;Maurano;USA
>Spike|hCoV-19/USA/NY-Wadsworth-226389-01/2020|2020-09-23|EPI_ISL_767438|Original|hCoV-19^^New York|Human|Wadsworth Center;Wadsworth Center;Lasek-Nesselquist;USA
>Spike|hCoV-19/Portugal/PT0679/2020|2020-03-25|EPI_ISL_510938|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA);Borges;Portugal
>Spike|hCoV-19/South Korea/KCDC2526/2020|2020-06-18|EPI_ISL_514929|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases;Kim;South Korea
>Spike|hCoV-19/Belgium/UGent-330/2020|2020-12-11|EPI_ISL_745216|Original|hCoV-19^^Gent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie;Lambrechts;Belgium
>Spike|hCoV-19/USA/TX-HMH-5501/2020|2020-06-24|EPI_ISL_544825|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital;Long;USA
>Spike|hCoV-19/England/QEUH-9C9D8B/2020|2020-09-10|EPI_ISL_567400|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium;Davies;United Kingdom
>Spike|hCoV-19/Scotland/QEUH-A60F61/2020|2020-10-13|EPI_ISL_665403|Original|hCoV-19^^Scotland|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium;Bashton;United Kingdom
>Spike|hCoV-19/Netherlands/NoordBrabant_157/2020|2020-00-00|EPI_ISL_461192|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team;Erasmus Medical Center;Oude Munnink;Netherlands
>Spike|hCoV-19/France/PAC-MEPHI-2195/2020|2020-10-01|EPI_ISL_644525|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur;France
Spike|hCoV-19|England/ALDP-A95A62/2020|2020-10-19|EPI_ISL_624659|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/ALDP-C497DD/2020|2020-12-12|EPI_ISL_718864|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA/CA-ALSR-0822-SAN/2020|2020-04-03|EPI_ISL_483382|Original|hCoV-19
^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen
Spike|hCoV-19|USA/OR-UW-22452/2020|2020-08-03|EPI_ISL_570616|Original|hCoV-19
^Oregon|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
Spike|hCoV-19|Japan/PG-7090/2020|2020-08-08|EPI_ISL_688195|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19|Denmark/DGCC-2491/2020|2020-08-10|EPI_ISL_617762|Original|hCoV-19
^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
Spike|hCoV-19|England/NOTT-1215FA/2020|2020-12-17|EPI_ISL_741644|Original|hCoV-19
^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
Spike|hCoV-19|USA/LA-EVT167/2020|2020-05-11|EPI_ISL_574302|Original|hCoV-19
^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
Spike|hCoV-19|England/201060160/2020|2020-03-04|EPI_ISL_464399|Original|hCoV-19
^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
Spike|hCoV-19|England/MILK-9941F6/2020|2020-08-25|EPI_ISL_551730|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/ALDP-B85536/2020|2020-11-15|EPI_ISL_674408|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA/TX-DSHS-0115/2020|2020-06-11|EPI_ISL_522944|Original|hCoV-19
^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
Spike|hCoV-19|England/LIVE-9F446/2020|2020-05-01|EPI_ISL_453456|Original|hCoV-19
^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
Spike|hCoV-19|France/PAC-MEPIH-2233/2020|2020-10-03|EPI_ISL_644530|Original|hCoV-19
^Provence-Alpes-Cote-du2019Azur|Human|MEPHI|MEPHI|Levasseur|France
Spike|hCoV-19|England/CAMB-7A44P/2020|2020-04-10|EPI_ISL_433830|Original|hCoV-19
^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
Spike|hCoV-19|England/20156047904/2020|2020-04-07|EPI_ISL_466326|Original|hCoV-19
^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
Spike|hCoV-19|Wales/PHWC-495039/2020|2020-11-25|EPI_ISL_726289|Original|hCoV-19
^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19|Wales/PHWC-31543/2020|2020-04-11|EPI_ISL_446459|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
Spike|hCoV-19|USA/UT-UPHL-2012403517/2020|2020-07-25|EPI_ISL_745706|Original|hCoV-19
^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA
Spike|hCoV-19|Scotland/EDB10393/2020|2020-11-28|EPI_ISL_705746|Original|hCoV-19
^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
Spike|hCoV-19|USA/MN-QDX-1733/2020|2020-03-16|EPI_ISL_604075|Original|hCoV-19
^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
Spike|hCoV-19|Denmark/DGCC-19329/2020|2020-12-07|EPI_ISL_748886|Original|hCoV-19
^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
> Spike hCoV-19/England/QEUH-9FB272/2020|2020-09-29|EPI ISL_588129|Original|hCoV-19\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike hCoV-19/India/MH-NIV-46348/2020|2020-05-28|EPI ISL_479551|Original|hCoV-19\^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India
> Spike hCoV-19/USA/LA-EVTLL89/2020|2020-07-06|EPI ISL_655850|Original|hCoV-19\^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
> Spike hCoV-19/Chile/RM-154362/2020|2020-08-18|EPI ISL_746656|Original|hCoV-19\^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile
> Spike hCoV-19/England/QEUH-B68E2F/2020|2020-11-11|EPI ISL_662052|Original|hCoV-19\^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike hCoV-19/Hangzhou/HZCDC0091L/2020|2020-01-21|EPI ISL_421227|Original|hCoV-19\^Hangzhou|Human|Hangzhou Center for Diseases Control and Prevention|Hangzhou Center for Diseases Control and Prevention|Li|China
> Spike hCoV-19/England/MILK-BB020E/2020|2020-11-18|EPI ISL_720094|Original|hCoV-19\^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike hCoV-19/England/CAMC-B21CBF/2020|2020-11-01|EPI ISL_647460|Original|hCoV-19\^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike hCoV-19/England/QEUH-9BA9B6/2020|2020-09-07|EPI ISL_573615|Original|hCoV-19\^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
> Spike hCoV-19/England/LIVE-DC2E4F/2020|2020-11-24|EPI ISL_705849|Original|hCoV-19\^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
> Spike hCoV-19/Japan/PG-4078/2020|2020-07-00|EPI ISL_692319|Original|hCoV-19\^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan
> Spike hCoV-19/England/MILK-B396C5/2020|2020-11-01|EPI ISL_679634|Original|hCoV-19\^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
> Spike hCoV-19/England/QEUH-CCD856/2020|2020-12-24|EPI ISL_782382|Original|hCoV-19\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike hCoV-19/England/ALDP-B1B24D/2020|2020-11-02|EPI ISL_645963|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike hCoV-19/USA/PA-MGSC17-04/2020|2020-03-25|EPI ISL_436472|Original|hCoV-19\^Pennsylvania|Human|UPMC Clinical Laboratory|Microbial Genome Sequencing Center|Cooper|USA
> Spike hCoV-19/England/QEUH-AF5F9E/2020|2020-10-30|EPI ISL_653038|Original|hCoV-19\^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
> Spike hCoV-19/USA/TX-HMH-5815/2020|2020-06-19|EPI ISL_547037|Original|hCoV-19\^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike hCoV-19/USA/WA-S798/2020|2020-04-16|EPI ISL_449968|Original|hCoV-19\^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
> Spike hCoV-19/India/MH-ACTREC-618/2020|2020-09-10|EPI ISL_700253|Original|hCoV-19\^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
> Spike hCoV-19/Wales/PHWC-47F053/2020|2020-10-10|EPI ISL_612621|Original|hCoV-19\^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike hCoV-19/Netherlands/UT-RIVM-10123/2020|2020-03-23|EPI ISL_547532|Original|hCoV-19\^Utrecht|Human|Dutch COVID-19 response
>Spike|hCoV-19/England/ALDP-A4FBFB/2020|2020-10-07|EPI_ISL_597709|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/USA/TX-HMH-MCoV-15308/2020|2020-10-19|EPI_ISL_786792|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spke|hCoV-19/Japan/PG-1842/2020|2020-04-00|EPI_ISL_685448|Original|hCoV-19^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spke|hCoV-19/England/OXON-AFB3F/2020|2020-04-16|EPI_ISL_478806|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spke|hCoV-19/England/ALDP-A9475D/2020|2020-10-19|EPI_ISL_624901|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/England/ALDP-9BEB07/2020|2020-09-09|EPI_ISL_568177|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/England/ALDP-B5E026/2020|2020-11-09|EPI_ISL_723625|Original|hCoV-19^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spke|hCoV-19/USA/TX-HMH-MCoV-13197/2020|2020-08-25|EPI_ISL_788348|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spke|hCoV-19/Wales/PHWC-168DA4/2020|2020-04-20|EPI_ISL_494365|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spke|hCoV-19/USA/CA-CZB-1588/2020|2020-03-24|EPI_ISL_468518|Original|hCoV-19^California|Human|San Joaquin County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA
>Spke|hCoV-19/England/ALDP-B1B8D2/2020|2020-11-01|EPI_ISL_645867|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/Switzerland/BE-ETHZ-110491/2020|2020-04-07|EPI_ISL_451902|Original|hCoV-19^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spke|hCoV-19/Denmark/DGCC-1798/2020|2020-12-14|EPI_ISL_749631|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelensen|Denmark
>Spke|hCoV-19/USA/WI-WSLH-200139/2020|2020-03-09|EPI_ISL_578366|Original|hCoV-19^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA
>Spke|hCoV-19/Jordan/AM-ALSR-5142/2020|2020-10-15|EPI_ISL_730381|Original|hCoV-19^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan
>Spke|hCoV-19/USA/FL-BPHL-1927/2020|2020-07-29|EPI_ISL_613724|Original|hCoV-19^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spke|hCoV-19/England/MILK-BB1838/2020|2020-11-18|EPI_ISL_720270|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/Australia/NSW2557/2020|2020-04-06|EPI_ISL_527054|Original|hCoV-19^New South Wales|Human|Area of Virology|Area of Virology|Yean|Australia
>Spke|hCoV-19/England/EXET-13B1F9/2020|2020-04-00|EPI_ISL_724261|Original|hCoV-19^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

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| Country   | Region            | Organization                          | Accession       |
|-----------|-------------------|---------------------------------------|-----------------|
| Bangladesh| Bangladesh        | Human Child Health Research Foundation| EPI_ISL_700342  |
| Victoria  | Human             | Victorian Infectious Diseases Reference Laboratory (VIDRL) | EPI_ISL_591800  |
| England   | Human             | Department of Medical Microbiology     | EPI_ISL_495091  |
| England   | Human             | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) | EPI_ISL_654335  |
| England   | Human             | Hospital General Universitario Gregorio Mara | EPI_ISL_614375  |
| England   | Human             | Molecular diagnostic unit for viral haemorrhagic fevers and emerging viruses | EPI_ISL_504919  |
| England   | Human             | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) | EPI_ISL_782796  |
| England   | Human             | Liverpool Clinical Laboratories        | EPI_ISL_453414  |
| England   | Human             | Lighthouse Lab in Cambridge            | EPI_ISL_556633  |
| England   | Human             | Lighthouse Lab in Alderley Park        | EPI_ISL_537250  |
| England   | Human             | Virology Department                    | EPI_ISL_573201  |
| England   | Human             | Department of Laboratory Medicine      | EPI_ISL_568787  |
| Kenya     | Human             | KEMRI-Wellcome Trust Research Programme | EPI_ISL_568787  |
| Kenya     | Human             | KEMRI-Wellcome Trust Research Programme | EPI_ISL_568787  |
| Kenya     | Human             | KEMRI-Wellcome Trust Research Programme | EPI_ISL_568787  |
| Kenya     | Human             | Wellcome Sanger Institute              | EPI_ISL_495091  |
| Singapore | Human             | Department of Laboratory Medicine      | EPI_ISL_648117  |
| USA       | Texas             | Texas Department of State Health Services | EPI_ISL_596016  |
| USA       | Texas             | Texas Department of State Health Services | EPI_ISL_596016  |
| Australia | Victoria          | Microbiological Diagnostic Unit        | EPI_ISL_519215  |
| Australia | Victoria          | Public Health Laboratory (MDU-PHL)     | EPI_ISL_519215  |
| Australia | Victoria          | Microbiological Diagnostic Unit        | EPI_ISL_519215  |
| Australia | Victoria          | Public Health Laboratory (MDU-PHL)     | EPI_ISL_519215  |
| Australia | Victoria          | Public Health Laboratory (MDU-PHL)     | EPI_ISL_519215  |

**Accession Numbers**: The accessions listed are from the GISAID database, indicating the sequences associated with the SARS-CoV-2 virus.
>Spike|hCoV-19|Japan|PG-4666/2020|2020-08-00|EPI_ISL_689803|Original|hCoV-19|Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan
>Spile|hCoV-19|Denmark|DCGC-3124/2020|2020-08-31|EPI_ISL_615941|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelesen|Denmark
>Spile|hCoV-19|Hong Kong|VB20054192/2020|2020-03-21|EPI_ISL_426410|Original|hCoV-19|Hong Kong|Human|Central Kowloon Health Centre|Hong Kong Department of Health|Mak|China
>Spile|hCoV-19|Indonesia|KS-NIHRD-PME4901/2020|2020-08-04|EPI_ISL_753699|Original|hCoV-19|South Kalimantan|Human|RSUD Ulin Banjarmasin Kalimantan Selatan|National Institute of Health Research and Development|Setiawati|Indonesia
>Spile|hCoV-19|Switzerland|AG-ETHZ-350354/2020|2020-11-02|EPI_ISL_729199|Original|hCoV-19|Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spile|hCoV-19|England|ALDP-982B93/2020|2020-08-09|EPI_ISL_552540|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spile|hCoV-19|England|LOND-1263552/2020|2020-11-04|EPI_ISL_679447|Original|hCoV-19|England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spile|hCoV-19|England|BRIS-12420F/2020|2020-04-08|EPI_ISL_492805|Original|hCoV-19|England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spile|hCoV-19|England|76676|2020-08-06|EPI_ISL_563724|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spile|hCoV-19|England|MILK-9E2EA7/2020|2020-09-21|EPI_ISL_581177|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spile|hCoV-19|USA|CA-ALSR-2192/2020|2020-06-11|EPI_ISL_635382|Original|hCoV-19|California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spile|hCoV-19|USA|NY-Wadsworth-76676-01/2020|2020-05-02|EPI_ISL_676898|Original|hCoV-19|New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
>Spile|hCoV-19|England|BRIS-122A72/2020|2020-04-03|EPI_ISL_440684|Original|hCoV-19|England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spile|hCoV-19|Netherlands|Utrecht_10015/2020|2020-03-16|EPI_ISL_454764|Original|hCoV-19|Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spile|hCoV-19|Mxico|ROO-InDRE-14/2020|2020-03-14|EPI_ISL_455438|Original|hCoV-19|Quintana Roo|Human|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Mendieta|Mexico
>Spile|hCoV-19|Denmark|DCGC-11509/2020|2020-11-02|EPI_ISL_670965|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelesen|Denmark
>Spile|hCoV-19|USA|VA-DCLS-1829/2020|2020-09-24|EPI_ISL_614144|Original|hCoV-19|Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spike|hCoV-19/England/ALDP-B1A387/2020|2020-11-01|EPI_ISL_646119|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMW-MCoV-18895/2020|2020-11-25|EPI_ISL_785203|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC2733/2020|2020-07-06|EPI_ISL_521568|Original|hCoV-19
>Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultzz|Australia

>Spike|hCoV-19/Japan/PG-1763/2020|2020-04-00|EPI_ISL_685369|Original|hCoV-19
>Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/BIRM-67BBB/2020|2020-11-04|EPI_ISL_650410|Original|hCoV-19
>England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/MLIK-B94929/2020|2020-11-14|EPI_ISL_673835|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Nigeria/KD-CV233/2020|2020-04-20|EPI_ISL_729920|Original|hCoV-19
>Nigeria|Human|Nigeria Centre for Disease Control (NCDC)|African Centre for Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/Canada/QC_AT6/2020|2020-04-06|EPI_ISL_463941|Original|hCoV-19
>Quebec|Human|Labatoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/USA/CA-CZB-11894/2020|2020-10-01|EPI_ISL_672283|Original|hCoV-19
>California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Wales/PHWC-490AD6/2020|2020-11-15|EPI_ISL_706536|Original|hCoV-19
>Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/AZ-WL-CVG00039/2020|2020-10-06|EPI_ISL_765953|Original|hCoV-19
>Arizona|Human|Worobey Lab|Worobey Lab|Larsen|USA

>Spike|hCoV-19/USA/AZ-WL-CVG00039/2020|2020-10-06|EPI_ISL_765953|Original|hCoV-19
>Arizona|Human|Worobey Lab|Worobey Lab|Larsen|USA

>Spike|hCoV-19/USA/TX-HMW-6214/2020|2020-06-23|EPI_ISL_547317|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-9E71F4/2020|2020-09-24|EPI_ISL_580473|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-9E71F4/2020|2020-09-24|EPI_ISL_580473|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49FF6/2020|2020-11-30|EPI_ISL_743383|Original|hCoV-19
>Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/AZ-TG491717/2020|2020-06-25|EPI_ISL_695225|Original|hCoV-19
>Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/TX-HMW-6214/2020|2020-06-23|EPI_ISL_547317|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A67B2A/2020|2020-10-12|EPI_ISL_630697|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49FF6/2020|2020-11-30|EPI_ISL_743383|Original|hCoV-19
>Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3667/2020|2020-08-31|EPI_ISL_615440|Original|hCoV-19
>Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albersen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC3307/2020|2020-07-11|EPI_ISL_520986|Original|hCoV-19
>Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultzz|Australia

>Spike|hCoV-19/Denmark/DCGC-10523/2020|2020-11-02|EPI_ISL_670032|Original|hCoV-19
>Hvedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albersen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUH-9C7D32/2020|2020-09-15|EPI_ISL_576020|Original|hCoV-19
>Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-0993-SAN/2020|2020-04-26|EPI_ISL_483449|Original|hCoV-19
>California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/England/LIVE-DA798B/2020|2020-10-06|EPI_ISL_626994|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spke|hCoV-19/Japan/PG-4438/2020|2020-07-00|EPI_ISL_692661|Original|hCoV-19|Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spke|hCoV-19/Australia/VIC5208/2020|2020-07-18|EPI_ISL_519973|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spke|hCoV-19/England/NORT-284CE0/2020|2020-03-26|EPI_ISL_478590|Original|hCoV-19|England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spke|hCoV-19/USA/TV-AD4399/2020|2020-10-26|EPI_ISL_634566|Original|hCoV-19|USA|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spke|hCoV-19/England/QEUH-AD4399/2020|2020-10-26|EPI_ISL_634566|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/Australia/CA-CZB-1514/2020|2020-04-14|EPI_ISL_468461|Original|hCoV-19|California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Hao|USA
>Spke|hCoV-19/USA/CA-IGI-0335/2020|2020-07-15|EPI_ISL_576525|Original|hCoV-19|California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA
>Spke|hCoV-19/Australia/VIC4776/2020|2020-07-17|EPI_ISL_519162|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spke|hCoV-19/USA/CA-CZB-11786/2020|2020-09-21|EPI_ISL_625630|Original|hCoV-19|California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA
>Spke|hCoV-19/Switzerland/ZH-UZH-1000478869/2020|2020-03-04|EPI_ISL_524483|Original|hCoV-19|Zurich|Human|Division of Infectious Diseases|Institute of Medical Virology|Schmutz|Switzerland
>Spke|hCoV-19/England/CAMB-7FA95/2020|2020-04-08|EPI_ISL_470449|Original|hCoV-19|England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/Australia/VIC14177/2020|2020-08-03|EPI_ISL_592370|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spke|hCoV-19/Scotland/CVR4374/2020|2020-09-16|EPI_ISL_573793|Original|hCoV-19|Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spke|hCoV-19/England/ALDP-9FDD06/2020|2020-10-02|EPI_ISL_587826|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/USA/MI-UM-10036784530/2020|2020-11-04|EPI_ISL_707823|Original|hCoV-19|Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>Spke|hCoV-19/Northern Ireland/QEUH-96EC30/2020|2020-08-19|EPI_ISL_530563|Original|hCoV-19|Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

> Spike|hCoV-19/Australia/VIC509/2020|2020-03-22|EPI_ISL_426779|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

> Spike|hCoV-19/Japan/PG-5713/2020|2020-08-08|EPI_ISL_688836|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan

> Spike|hCoV-19/England/ALDP-931270/2020|2020-06-21|EPI_ISL_552926|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/Spain/MD-IBV-99012479/2020|2020-11-24|EPI_ISL_780094|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Marañon|u00f1o0f3n|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

> Spike|hCoV-19/Canada/ON-PHL-20-03653/2020|2020-11-06|EPI_ISL_775092|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

> Spike|hCoV-19/Spain/PV-IBV-001598/2020|2020-03-13|EPI_ISL_467160|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

> Spike|hCoV-19/England/ALDP-5C7E9D/2020|2020-06-22|EPI_ISL_558407|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/Australia/NSW352/2020|2020-04-08|EPI_ISL_451613|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

> Spike|hCoV-19/South Africa/NHLS-UCT-GP-5257/2020|2020-04-30|EPI_ISL_700511|Original|hCoV-19^^Western Cape|Human|Nyang CDC wc NCG|NHLS/UCT|Iranzadeh|South Africa

> Spike|hCoV-19/Germany/HH-hpi-p1877/2020|2020-03-23|EPI_ISL_776222|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

> Spike|hCoV-19/Finland/8May24S14/2020|2020-05-08|EPI_ISL_481722|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

> Spike|hCoV-19/USA/WI-GMF-18675/2020|2020-09-04|EPI_ISL_547775|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

> Spike|hCoV-19/Wales/PHWC-47FC04/2020|2020-10-07|EPI_ISL_612786|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/Northern Ireland/QEUH-96C5BF/2020|2020-08-15|EPI_ISL_530910|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/USA/TX-HMH-MCoV-15897/2020|2020-07-10|EPI_ISL_785581|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

> Spike|hCoV-19/England/BRIS-12D725/2020|2020-05-07|EPI_ISL_481890|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/USA/MI-UM-10036817918/2020|2020-11-06|EPI_ISL_728414|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

> Spike|hCoV-19/Scotland/CVR5706/2020|2020-11-05|EPI_ISL_651924|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

> Spike|hCoV-19/England/ALDP-A6D3D1/2020|2020-10-15|EPI_ISL_608201|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-16AEDC/2020|2020-09-13|EPI_ISL_560216|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik|hCoV-19/Scotland/CVR5727/2020|2020-11-09|EPI_ISL_680446|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spik|hCoV-19/USA/UT-08477/2020|2020-05-19|EPI ISL_524247|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spik|hCoV-19/Denmark/DGCC-14336/2020|2020-11-30|EPI ISL_711701|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelesen|Denmark
>Spik|hCoV-19/USA/CA-ALSR-5056/2020|2020-11-27|EPI ISL_730322|Original|hCoV-19^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spik|hCoV-19/Denmark/DGCC-4586/2020|2020-09-14|EPI ISL_622255|Original|hCoV-19^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelesen|Denmark
>Spik|hCoV-19/USA/TX-HMH-7089/2020|2020-06-28|EPI ISL_546494|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19/England/NOTT-113A74/2020|2020-09-25|EPI ISL_573452|Original|hCoV-19^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spik|hCoV-19/England/BRM-67AAF/2020|2020-11-03|EPI ISL_650998|Original|hCoV-19^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom
>Spik|hCoV-19/Denmark/DGCC-14110/2020|2020-11-30|EPI ISL_711704|Original|hCoV-19^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelesen|Denmark
>Spik|hCoV-19/England/ALDP-B75241/2020|2020-11-12|EPI ISL_740903|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spik|hCoV-19/Belgium/rega-0422590/2020|2020-04-22|EPI ISL_734636|Original|hCoV-19^Rochefort|Human|UZ Leuven|KU Leuven|Dr. Maes|Belgium
>Spik|hCoV-19/USA/TX-HMH-MCoV-15680/2020|2020-07-09|EPI ISL_785364|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19/South Africa/R10519/2020|2020-06-08|EPI ISL_490284|Original|hCoV-19^Gauteng|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa
>Spik|hCoV-19/Denmark/DGCC-18917/2020|2020-12-07|EPI ISL_748278|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelesen|Denmark
>Spik|hCoV-19/USA/TX-HMH-6887/2020|2020-05-26|EPI ISL_546322|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19/England/ALDP-95C400/2020|2020-06-20|EPI ISL_555063|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/USA/UT-UPHL-201130637/2020|2020-04-22|EPI ISL_634900|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spik|hCoV-19/Denmark/DGCC-9275/2020|2020-11-16|EPI ISL_668882|Original|hCoV-19^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelesen|Denmark
>Spik|hCoV-19/Scotland/QEUH-9F45F8/2020|2020-09-27|EPI ISL_600675|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/USA/CA-CZB-15274/2020|2020-11-28|EPI ISL_735859|Original|hCoV-19^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA
>Spike|hCoV-19/England/MILK-BB0277/2020|2020-11-18|EPI_ISL_720060|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>SpIke|hCoV-19/USA/AZ-TG394016/2020|2020-06-19|EPI_ISL_694715|Original|hCoV-19
>Aziza|Human|TGen North|TGen North|French|USA
>SpIke|hCoV-19/USA/WA-UW-6980/2020|2020-03-30|EPI_ISL_570154|Original|hCoV-19
>Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>SpIke|hCoV-19/Portugal/PT0989/2020|2020-03-23|EPI_ISL_511537|Original|hCoV-19
>Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal
>SpIke|hCoV-19/England/QEUH-AD15E1/2020|2020-10-21|EPI_ISL_633841|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/England/MILK-ACED76/2020|2020-10-21|EPI_ISL_629194|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/Switzerland/ZG-ETHZ-321516/2020|2020-10-14|EPI_ISL_603725|Original|hCoV-19
>Zug|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>SpIke|hCoV-19/Wales/ALDP-9EB002/2020|2020-09-24|EPI_ISL_589784|Original|hCoV-19
>Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/England/SHEF-10C7BC5/2020|2020-12-12|EPI_ISL_727876|Original|hCoV-19
>England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>SpIke|hCoV-19/England/BRIS-12B235/2020|2020-05-17|EPI_ISL_469806|Original|hCoV-19
>England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/Northern Ireland/NIRE-103154/2020|2020-04-20|EPI_ISL_489356|Original|hCoV-19
>Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/France/IDF-4791/2020|2020-04-02|EPI_ISL_443258|Original|hCoV-19
>France|Human|RU0000|National Reference Center for Viruses of Respiratory Infections|Enouf|France
>SpIke|hCoV-19/England/MILK-9A9EF7/2020|2020-09-01|EPI_ISL_550999|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/Wales/PHWC-49A131/2020|2020-11-30|EPI_ISL_727499|Original|hCoV-19
>Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>SpIke|hCoV-19/USA/LA-EVTLO84/2020|2020-05-06|EPI_ISL_451245|Original|hCoV-19
>Los Angeles|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>SpIke|hCoV-19/Netherlands/NoordHolland/8/2020|2020-04-01|EPI_ISL_460797|Original|hCoV-19
>Noord Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
Spike|hCoV-19/USA/TX-HMH-2564/2020|2020-06-03|EPI_ISL_545389|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/Canada/BC_22466713/2020|2020-03-00|EPI_ISL_462832|Original|hCoV-19
^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada
Spike|hCoV-19/USA/NY-Wadsworth-122593-01/2020|2020-05-28|EPI_ISL_676957|Original|hCoV-19
^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
Spike|hCoV-19/Canada/QC-LSPQ-L00235855/2020|2020-03-23|EPI_ISL_536112|Original|hCoV-19
^Quebec|Human|H\u00e9tel de Maria|Laboratoire de sant\u00e9|Moreira|Canada
Spike|hCoV-19/Wales/PHWC-4A50DC/2020|2020-12-13|EPI_ISL_764820|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/England/QEUH-B311AE/2020|2020-11-04|EPI_ISL_646336|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/France/BRE-IPPF9973/2020|2020-10-24|EPI_ISL_718232|Original|hCoV-19
^Bretagne|Human|Hospital|National Reference Center for Viruses of Respiratory Infections|Enouf|France
Spike|hCoV-19/USA/CA-SR0107/2020|2020-03-13|EPI_ISL_445103|Original|hCoV-19
^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripp|Gangavarapu|USA
Spike|hCoV-19/England/QEUH-BC3684/2020|2020-11-25|EPI_ISL_704143|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/England/ALDP-4969D3/2020|2020-06-07|EPI_ISL_559318|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/New Zealand/20VR3178/2020|2020-03-23|EPI_ISL_579467|Original|hCoV-19
^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
Spike|hCoV-19/England/SHEF-C49FE/2020|2020-05-13|EPI_ISL_493679|Original|hCoV-19
^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
Spike|hCoV-19/Denmark/DCGC-18124/2020|2020-12-14|EPI_ISL_749769|Original|hCoV-19
^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
Spike|hCoV-19/USA/WA-S567/2020|2020-03-25|EPI_ISL_434327|Original|hCoV-19
^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
Spike|hCoV-19/USA/VA-DCLS-2127/2020|2020-10-28|EPI_ISL_677152|Original|hCoV-19
^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA
Spike|hCoV-19/Australia/VIC5696/2020|2020-07-19|EPI_ISL_518501|Original|hCoV-19
^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19/Wales/PHWC-48A4C2/2020|2020-11-04|EPI_ISL_652560|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/England/NORT-1B61807/2020|2020-11-01|EPI_ISL_703002|Original|hCoV-19
^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
Spike|hCoV-19/Australia/VIC16569/2020|2020-08-11|EPI_ISL_640398|Original|hCoV-19
^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19/Japan/PG-4104/2020|2020-06-00|EPI_ISL_692345|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

Spike|hCoV-19/USA/CA-SR0107/2020|2020-03-13|EPI_ISL_445103|Original|hCoV-19
^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripp|Gangavarapu|USA
Spike|hCoV-19/England/QEUH-BC3684/2020|2020-11-25|EPI_ISL_704143|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/England/ALDP-4969D3/2020|2020-06-07|EPI_ISL_559318|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/New Zealand/20VR3178/2020|2020-03-23|EPI_ISL_579467|Original|hCoV-19
^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
Spike|hCoV-19/England/SHEF-C49FE/2020|2020-05-13|EPI_ISL_493679|Original|hCoV-19
^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
Spike|hCoV-19/Denmark/DCGC-18124/2020|2020-12-14|EPI_ISL_749769|Original|hCoV-19
^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
Spike|hCoV-19/USA/WA-S567/2020|2020-03-25|EPI_ISL_434327|Original|hCoV-19
^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
Spike|hCoV-19/USA/VA-DCLS-2127/2020|2020-10-28|EPI_ISL_677152|Original|hCoV-19
^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA
Spike|hCoV-19/Australia/VIC5696/2020|2020-07-19|EPI_ISL_518501|Original|hCoV-19
^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19/Wales/PHWC-48A4C2/2020|2020-11-04|EPI_ISL_652560|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/England/NORT-1B61807/2020|2020-11-01|EPI_ISL_703002|Original|hCoV-19
^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
Spike|hCoV-19/Australia/VIC16569/2020|2020-08-11|EPI_ISL_640398|Original|hCoV-19
^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19/Japan/PG-4104/2020|2020-06-00|EPI_ISL_692345|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Australia/VIC4542/2020|2020-07-15|EPI_ISL_518953|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spit|CoV-19/Australia/VIC7769/2020|2020-08-02|EPI_ISL_564644|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spit|CoV-19/Portugal/PT0712/2020|2020-03-24|EPI_ISL_510971|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal
>Spit|CoV-19/England/MILK-630E70/2020|2020-07-05|EPI_ISL_556126|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spit|CoV-19/Netherlands/GE-RIVM-20280/2020|2020-11-28|EPI_ISL_723420|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spit|CoV-19/England/ALDP-CC0219/2020|2020-12-20|EPI_ISL_778239|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spit|CoV-19/Japan/PG-4838/2020|2020-07-01|EPI_ISL_689641|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spit|CoV-19/USA/NY-NYPHL-000526/2020|2020-04-06|EPI_ISL_631987|Original|hCoV-19^^New York|Human|St Barnabas Hospital|New York City Public Health Laboratory|Wang|USA
>Spit|CoV-19/Wales/PHWC-494E03/2020|2020-11-21|EPI_ISL_726257|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spit|CoV-19/Japan/PG-2067/2020|2020-04-00|EPI_ISL_685672|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spit|CoV-19/Chile/RM-110815/2020|2020-06-25|EPI_ISL_746568|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile
>Spit|CoV-19/England/CAMB-1BB328/2020|2020-11-16|EPI_ISL_664291|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spit|CoV-19/England/ALDP-A66F4D/2020|2020-10-12|EPI_ISL_630634|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spit|CoV-19/Belgium/UGent-265/2020|2020-11-04|EPI_ISL_718003|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium
>Spit|CoV-19/USA/NY-NYUMC248/2020|2020-04-03|EPI_ISL_428762|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
>Spit|CoV-19/Denmark/DGCC-4961/2020|2020-09-21|EPI_ISL_621499|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spit|CoV-19/USA/NM-NMDOH-2020126554/2020|2020-06-15|EPI_ISL_535273|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA
>Spit|CoV-19/Australia/VIC10361/2020|2020-07-27|EPI_ISL_562889|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spit|CoV-19/Spain/IBV-98000343/2020|2020-03-22|EPI_ISL_539240|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia\u00eda. Consorcio Hospital General Universitario de Valencia|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain
>Spit|CoV-19/England/NOTT-11881B/2020|2020-10-28|EPI_ISL_627684|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19/England/QEUH-BCB7B6/2020|2020-11-27|EPI_ISL_704221|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/MN-QDX-1000/2020|2020-03-13|EPI_ISL_571727|Original|hCoV-19^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/Canada/QC-LSPQ-L00218334/2020|2020-03-14|EPI_ISL_535776|Original|hCoV-19^Quebec|Human|Centre de Sante de la Haute-Yamaska|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada
>Spike|hCoV-19/England/ALDP-9CB4C0/2020|2020-09-16|EPI_ISL_575736|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DGCC-3561/2020|2020-08-31|EPI_ISL_616356|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelisen|Denmark
>Spike|hCoV-19/Wales/PHWC-27F60/2020|2020-03-24|EPI_ISL_432400|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/USA/TX-HMHC-MCoV-18813/2020|2020-11-27|EPI_ISL_785140|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/CA-ALS-2675/2020|2020-07-12|EPI_ISL_635624|Original|hCoV-19^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavaranu|USA
>Spike|hCoV-19/England/MILK-BE71D4/2020|2020-11-29|EPI_ISL_709819|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MI-0785-2020|2020-04-04|EPI_ISL_690176|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Spain/CM-IVB-00374/2020|2020-04-01|EPI_ISL_474952|Original|hCoV-19^Castilla La Mancha|Human|Complejo Hospitalario Universitario de Albacete|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>Spike|hCoV-19/United Arab Emirates/skmc-3628658/2020|2020-09-08|EPI_ISL_582661|Original|hCoV-19^United Arab Emirates|Human|Sheikh Khalifa Medical City|Molecular/Surveillance lab\nSheikh Khalifa Medical City|Amirtharaj|United Arab Emirates
>Spike|hCoV-19/England/NORT-2A438B/2020|2020-08-03|EPI_ISL_573373|Original|hCoV-19^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/QEUH-96D220/2020|2020-08-20|EPI_ISL_530766|Original|hCoV-19^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/PG-5066/2020|2020-08-08|EPI_ISL_690176|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Italy/VEN-UniVR-71/2020|2020-03-16|EPI_ISL_751380|Original|hCoV-19^Veneto|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy
>Spike|hCoV-19/Australia/VIC10947/2020|2020-09-07|EPI_ISL_563162|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/FL-BPHL-0735/2020|2020-07-14|EPI_ISL_509793|Original|hCoV-19^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/France/PAC-IHU-0950/2020|2020-07-08|EPI_ISL_569004|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France
>Spke|hCoV-19/Netherlands/NA_331/2020|2020-04-03|EPI_ISL_455136|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands
>Spke|hCoV-19/Canada/QC-LSPQ-L00217534/2020|2020-03-13|EPI_ISL_535763|Original|hCoV-19^^Quebec|Human|H\u00e9pital Pierre-Boucher|Laboratoire de sant\u00e9|Qu\u00e9bec|Canada
>Spke|hCoV-19/India/MH-ACTREC-586/2020|2020-09-03|EPI_ISL_700225|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
>Spke|hCoV-19/England/CAMC-B777B9/2020|2020-11-12|EPI_ISL_783510|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19/USA/MI-QDX-503/2020|2020-03-24|EPI_ISL_571237|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spke|hCoV-19/USA/TX-HWH-7236/2020|2020-06-29|EPI_ISL_546618|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spke|hCoV-19/England/ALDP-A68E02/2020|2020-10-12|EPI_ISL_608668|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/Japan/PG-0071/2020|2020-02-26|EPI_ISL_479826|Original|hCoV-19^^Hokkaido|Human|Sapporo City Institute of Public Health|Pathogen Genomics Center|Seikizuka|Japan
>Spke|hCoV-19/Germany/NW-HHU-62/2020|2020-03-16|EPI_ISL_523933|Original|hCoV-19^^North Rhine-Westphalia|Human|Center of Medical Microbiology|Center of Medical Microbiology|Wienemann|Germany
>Spke|hCoV-19/USA/MA-MGH-00492/2020|2020-03-27|EPI_ISL_460343|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA
>Spke|hCoV-19/USA/CA-CZB-4730/2020|2020-08-26|EPI_ISL_582895|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA
>Spke|hCoV-19/Wales/PHWC-48FD2C/2020|2020-11-11|EPI_ISL_681220|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spke|hCoV-19/England/MILK-9AA12A/2020|2020-09-01|EPI_ISL_550848|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/Japan/PG-3910/2020|2020-07-00|EPI_ISL_692161|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
>Spke|hCoV-19/Australia/VIC9242/2020|2020-08-11|EPI_ISL_565461|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spke|hCoV-19/England/ALDP-AA2A44/2020|2020-10-22|EPI_ISL_630772|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/England/QEUH-B2DD9/2020|2020-11-04|EPI_ISL_660026|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19/Wales/PHWC-3224B/2020|2020-04-09|EPI_ISL_446621|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spke|hCoV-19/Denmark/DGCC-14936/2020|2020-11-23|EPI_ISL_713532|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaellsen|Denmark
>Spke|hCoV-19/Luxembourg/LNS7727746/2020|2020-11-09|EPI_ISL_744622|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/Netherlands/NA_209/2020|2020-03-25|EPI_ISL_422744|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spicke|hCoV-19/England/MILK-B02C1E/2020|2020-10-24|EPI_ISL_642914|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spieke|hCoV-19/USA/WA-UY-22389/2020|2020-08-08|EPI_ISL_570673|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spke|hCoV-19/USA/CA-CHLA-PLM29045953/2020|2020-11-15|EPI_ISL_753339|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spke|hCoV-19/England/QEUH-9D1904/2020|2020-09-16|EPI_ISL_573670|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spke|hCoV-19/Senegal/6914/2020|2020-04-24|EPI_ISL_498237|Original|hCoV-19^^Dakar|Human|Institut Pasteur de Dakar|Institut Pasteur de Dakar|Dia|Senegal

>Spke|hCoV-19/Ganzhou/JX81/2020|2020-01-25|EPI_ISL_421242|Original|hCoV-19^^Jiangxi|Human|Jiangxi Province Center for Disease Control and Prevention|Jiangxi Province Center for Disease Control and Prevention|Xiong|China

>Spke|hCoV-19/Denmark/DCGC-838/2020|2020-04-20|EPI_ISL_614704|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and MicroBiological Special Diagnostics|Albertens lab|Michaelensen|Denmark

>Spke|hCoV-19/USA/TX-HMH0287/2020|2020-03-27|EPI_ISL_434914|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spke|hCoV-19/Beijing/233/2020|2020-01-28|EPI_ISL_413520|unknown|hCoV-19^^Beijing|Human|Infectious Disease Control Center|Infectious Disease Control Center|Submitter|China

>Spke|hCoV-19/Australia/VIC3969/2020|2020-07-10|EPI_ISL_519361|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spke|hCoV-19/USA/WA-S1582/2020|2020-05-26|EPI_ISL_496008|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spke|hCoV-19/England/QEUH-969628/2020|2020-08-11|EPI_ISL_531139|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spke|hCoV-19/Finland/S12AH3/2020|2020-10-10|EPI_ISL_737041|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spke|hCoV-19/Guangzhou/GZMU0079/2020|2020-02-11|EPI_ISL_457691|Original|hCoV-19^^Guangzhou|Human|The First Affiliated Hospital of Guangzhou Medical University|BGI-shenzhen & The First Affiliated Hospital of Guangzhou Medical University|Ji|China

>Spke|hCoV-19/England/CAMB-72652/2020|2020-03-24|EPI_ISL_439926|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spke|hCoV-19/Canada/ON-PHL-20-03646/2020|2020-11-00|EPI_ISL_775150|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spke|hCoV-19/Gambia/GC19-1819/2020|2020-05-28|EPI_ISL_561035|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spke|hCoV-19/Spain/AR-IBV-98010709/2020|2020-10-07|EPI_ISL_722240|Original|hCoV-19^^Aragon|Human|Servicio de Microbiologo\u00eda|SeqCOVID-SPAN consortium|IBV(CSIC)|Comas|Spain

>Spke|hCoV-19/England/QEUV-A202A0/2020|2020-10-01|EPI_ISL_587677|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|India|TG-CCMB-M466/2020|2020-06-09|EPI_ISL_495210|Original|hCoV-19|Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India
>Spikes|hCoV-19|England|QEUH-A9D921/2020|2020-10-20|EPI_ISL_680029|Original|hCoV-19|England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK)|Consortium|Robson|United Kingdom
>Spikes|hCoV-19|England|SHEF-CA10F/2020|2020-04-17|EPI_ISL_457639|Original|hCoV-19|England|Human|Virology Department|COVID-19 Genomics UK (COG-UK)|Consortium|de Silva|United Kingdom
>Spikes|hCoV-19|England|ALDP-C65FB/2020|2020-11-23|EPI_ISL_713787|Original|hCoV-19|England|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelson|Denmark
>Spikes|hCoV-19|Denmark|DGC15-4273/2020|2020-09-07|EPI_ISL_615710|Original|hCoV-19|Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelson|Denmark
>Spikes|hCoV-19|England|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19|Scotland/EDB1683/2020|2020-04-16|EPI_ISL_433117|Original|hCoV-19|Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19|England|AZ-TG491568/2020|2020-06-23|EPI_ISL_695175|Original|hCoV-19|Arizona|Human|AZ SPHL|TGen North|French|USA
>Spikes|hCoV-19|Spain/PV-IBV-000858/2020|2020-03-12|EPI_ISL_452694|Original|hCoV-19|Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz,|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>Spikes|hCoV-19|Australia/NWS77/2020|2020-08-03|EPI_ISL_526121|Original|hCoV-19|New South Wales|Human|St Vincent's Pathology (SyPath) |NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spikes|hCoV-19|USA/WI-GMF-24217/2020|2020-10-05|EPI_ISL_660899|Original|hCoV-19|Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA
>Spikes|hCoV-19|England/ALDP-BC85FB/2020|2020-11-23|EPI_ISL_721305|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19|USA/WI-721305|Original|hCoV-19|Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spikes|hCoV-19|South Africa/R13147-20/2020|2020-06-26|EPI_ISL_622935|Original|hCoV-19|Western Cape|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa
>Spikes|hCoV-19|Wales/PHWC-47E91D/2020|2020-10-11|EPI_ISL_595522|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom
>Spikes|hCoV-19|Scotland/CVR2618/2020|2020-04-16|EPI_ISL_438932|Original|hCoV-19|Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) consortium|Robertson|United Kingdom
>Spikes|hCoV-19|Canada/NL_96/2020|2020-03-22|EPI_ISL_469235|Original|hCoV-19|Newfoundland and Labrador|Human|Public Health Laboratory|National Microbiology Laboratory|Mayer|Canada
>Spikes|hCoV-19|England/QEUV-C32E96/2020|2020-12-11|EPI_ISL_734104|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/NSW2175/2020|2020-03-18|EPI_ISL_500646|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Bull|Australia

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-297/2020|2020-07-18|EPI_ISL_498784|Original|hCoV-19^^Bangladesh|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/England/VIC2029/2020|2020-05-27|EPI_ISL_480657|Original|hCoV-19^^England|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QUEH-54CC69/2020|2020-05-12|EPI_ISL_533383|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2845/2020|2020-04-21|EPI_ISL_438991|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/LA-EVTBL862/2020|2020-07-01|EPI_ISL_653553|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/ALDP-5289A8/2020|2020-06-01|EPI_ISL_559077|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-2064/2020|2020-03-17|EPI_ISL_604346|Original|hCoV-19^^Massachusetts|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Spain/VC-IBV-98002655/2020|2020-03-22|EPI_ISL_537998|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Arnau de Vilanova|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Brazil/RJ-00510/2020|2020-07-27|EPI_ISL_717788|Original|hCoV-19^^Rio de Janeiro|Human|LACEN RJ - Noel Nutels|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/USA/CA-CZB-15144/2020|2020-11-23|EPI_ISL_739128|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Wales/PHWC-27531/2020|2020-03-30|EPI_ISL_432255|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/OV-EMC-117/2020|2020-11-07|EPI_ISL_763157|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-49351E/2020|2020-11-28|EPI_ISL_725900|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B21CA0/2020|2020-11-01|EPI_ISL_647256|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5D722/2020|2020-11-09|EPI_ISL_705290|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/WA-UW-46833/2020|2020-12-12|EPI_ISL_756191|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Scotland/CVR2845/2020|2020-04-21|EPI_ISL_438991|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/LA-EVTBL862/2020|2020-07-01|EPI_ISL_653553|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/ALDP-5289A8/2020|2020-06-01|EPI_ISL_559077|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-2064/2020|2020-03-17|EPI_ISL_604346|Original|hCoV-19^^Massachusetts|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Spain/VC-IBV-98002655/2020|2020-03-22|EPI_ISL_537998|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Arnau de Vilanova|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Brazil/RJ-00510/2020|2020-07-27|EPI_ISL_717788|Original|hCoV-19^^Rio de Janeiro|Human|LACEN RJ - Noel Nutels|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/USA/CA-CZB-15144/2020|2020-11-23|EPI_ISL_739128|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Wales/PHWC-27531/2020|2020-03-30|EPI_ISL_432255|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/OV-EMC-117/2020|2020-11-07|EPI_ISL_763157|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-49351E/2020|2020-11-28|EPI_ISL_725900|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B21CA0/2020|2020-11-01|EPI_ISL_647256|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5D722/2020|2020-11-09|EPI_ISL_705290|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/WA-UW-46833/2020|2020-12-12|EPI_ISL_756191|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/South Africa/Tygerberg_349_CC2/2020|2020-10-09|EPI_ISL_660152|Original|hCoV-19^^Western Cape|Human|PathCare|National Health Laboratory Service (NHLS)|de Oliveira|South Africa

>Spike|hCoV-19/England/ALDP-A84FFE/2020|2020-10-16|EPI_ISL_610299|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9800/2020|2020-07-04|EPI_ISL_780282|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-2021/2020|2020-05-12|EPI_ISL_545071|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-B3ACFF/2020|2020-11-02|EPI_ISL_679723|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001253/2020|2020-11-06|EPI_ISL_683949|Original|hCoV-19^^New York|Human|DOHMH Riverside|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/CA-CZB-15940/2020|2020-12-02|EPI_ISL_738555|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/QUEUH-B6A643/2020|2020-11-11|EPI_ISL_662440|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DGCC-13918/2020|2020-11-30|EPI_ISL_711451|Original|hCoV-19^^Hovedstad|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9F1AB0/2020|2020-09-23|EPI_ISL_589587|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/WA439/2020|2020-09-26|EPI_ISL_672651|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/Peru/LIM-UPCH-0045/2020|2020-06-17|EPI_ISL_540936|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00edica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/Denmark/DGCC-3235/2020|2020-08-31|EPI_ISL_616895|Original|hCoV-19^^Hovedstad|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-94F85F/2020|2020-06-16|EPI_ISL_555260|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B22735/2020|2020-11-02|EPI_ISL_647392|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-82D2D/2020|2020-04-13|EPI_ISL_443603|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-017/2020|2020-05-24|EPI_ISL_475170|Original|hCoV-19^^Dhaka|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/England/SHEF-D11F6/2020|2020-05-07|EPI_ISL_493732|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUH-990154/2020|2020-08-25|EPI_ISL_539983|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9010135/2020|2020-11-01|EPI_ISL_683646|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CT-IVB-97010135/2020|2020-11-01|EPI_ISL_683646|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda\u00eda|SegCOVID-SPAIN consortium/IVB(CSIC)|Comas|Spain

>Spike|hCoV-19/Australia/VIC8720/2020|2020-07-27|EPI_ISL_565156|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Wales/PHWC-4970BF/2020|2020-11-25|EPI_ISL_726775|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spaghetti|hCoV-19/Saudi Arabia/KAUST-MAKKAH741/2020|2020-04-01|EPI_ISL_513233|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spaghetti|hCoV-19/USA/AZ-TG654376/2020|2020-04-13|EPI_ISL_696011|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spaghetti|hCoV-19/England/ALDP-A86EE0/2020|2020-10-16|EPI_ISL_606160|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spaghetti|hCoV-19/Spain/AR-IBV-98010622/2020|2020-10-01|EPI_ISL_722261|Original|hCoV-19^^Aragon|Human|Servicio de Microbiologia\u00eda|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spaghetti|hCoV-19/USA/TX-DHS2-0276/2020|2020-06-13|EPI_ISL_527843|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spaghetti|hCoV-19/England/CAMC-B778A7/2020|2020-11-11|EPI_ISL_661811|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spaghetti|hCoV-19/England/CAMC-B0894E/2020|2020-10-29|EPI_ISL_643867|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spaghetti|hCoV-19/England/MILK-992F49/2020|2020-08-26|EPI_ISL_551995|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spaghetti|hCoV-19/England/MILK-BB006E/2020|2020-11-18|EPI_ISL_720568|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spaghetti|hCoV-19/England/NORT-283A05/2020|2020-00-00|EPI_ISL_478514|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spaghetti|hCoV-19/Scotland/CVR6025/2020|2020-11-11|EPI_ISL_704206|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spaghetti|hCoV-19/Denmark/DGGC-19129/2020|2020-12-07|EPI_ISL_748770|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelersen|Denmark

>Spaghetti|hCoV-19/USA/TX-HMHC-MoCoV-8846/2020|2020-07-02|EPI_ISL_780792|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spaghetti|hCoV-19/England/ALDP-9EE0C3/2020|2020-05-06|EPI_ISL_589469|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spaghetti|hCoV-19/England/CAMC-B37F62/2020|2020-11-05|EPI_ISL_658756|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spaghetti|hCoV-19/England/20149001204/2020|2020-04-02|EPI_ISL_466082|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spaghetti|hCoV-19/USA/UT-UHPL-2012154719/2020|2020-08-17|EPI_ISL_746317|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spaghetti|hCoV-19/USA/MN-MDH-1376/2020|2020-07-09|EPI_ISL_507964|Original|hCoV-19^^Minnesota|Human|Avera McKennan Laboratory|Minnesota Department of Health|Garfin|USA

>Spaghetti|hCoV-19/Denmark/DGCG-1827/2020|2020-06-22|EPI_ISL_622553|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelersen|Denmark
England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

England|Human|QEUH-9C7E6A|2020|2020-09-11|EPI_ISL_567154|Original|hCoV-19

England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

USA|Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

United Kingdom

USA|Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

England|Human|VIrology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19|Denmark/DCGC-10944/2020|2020-11-02|EPI_ISL_670301|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19|Spain/VC-FISABIO-54/2020|2020-02-28|EPI_ISL_425178|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Consorcio Hospital General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain
>Spike|hCoV-19|USA/WI-UW-1284/2020|2020-09-11|EPI_ISL_536656|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison Campus AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19|Wales/MILK-9E0814/2020|2020-09-20|EPI_ISL_601396|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/ALDP-A939B2/2020|2020-10-20|EPI_ISL_611267|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|India/TG-CCMB-AB397/2020|2020-08-13|EPI_ISL_539666|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India
>Spike|hCoV-19|England/QUEUH-9D0291/2020|2020-09-14|EPI_ISL_589982|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/QUEUH-9FFB28/2020|2020-09-29|EPI_ISL_600279|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/OR-PROV-126/2020|2020-04-28|EPI_ISL_482390|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA
>Spike|hCoV-19|England/ALDP-8CF83A/2020|2020-06-24|EPI_ISL_557086|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/CMAC-B980A8/2020|2020-11-15|EPI_ISL_674849|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|Denmark/DCGC-11350/2020|2020-11-02|EPI_ISL_670858|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19|England/ALDP-9D95DB/2020|2020-09-18|EPI_ISL_576745|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19|Germany/NW-HHU-109/2020|2020-08-28|EPI_ISL_539586|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLINAS MVZ D\u00f6sseldorf-Centrum GBr \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany
>Spike|hCoV-19|Japan/PG-0067/2020|2020-02-00|EPI_ISL_684108|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19|USA/WI-UW-638/2020|2020-06-27|EPI_ISL_491331|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19|England/LIVE-1E4326/2020|2020-10-14|EPI_ISL_627447|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-15578/2020|2020-11-23|EPI_ISL_713905|Original|hCoV-19^^England|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelensen|Denmark

> Spike| hCoV-19/Belgium/un-EMC-2/2020|2020-05-02|EPI_ISL_577744|Original|hCoV-19^^Belgium|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Belgium

> Spike| hCoV-19/USA/MI-MDHHS-SC21600/2020|2020-03-26|EPI_ISL_516327|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

> Spike| hCoV-19/USA/MA-MGH-01086/2020|2020-05-01|EPI_ISL_791869|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

> Spike| hCoV-19/Scotland/EDB4733/2020|2020-04-27|EPI_ISL_453140|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

> Spike| hCoV-19/Canada/QC_AA1/2020|2020-04-05|EPI_ISL_515197|Original|hCoV-19^^Canada|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

> Spike| hCoV-19/England/CAMC-C44B9A/2020|2020-12-10|EPI_ISL_718386|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike| hCoV-19/USA/TX-HMH-MCoV-12389/2020|2020-09-25|EPI_ISL_790324|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

> Spike| hCoV-19/Scotland/EDB8328/2020|2020-09-28|EPI_ISL_612322|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|MCHugh|United Kingdom

> Spike| hCoV-19/England/BRIS-12EB55/2020|2020-04-23|EPI_ISL_488318|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike| hCoV-19/Scotland/EDB4733/2020|2020-12-07|EPI_ISL_783065|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike| hCoV-19/USA/MI-MDHHS-SC22301/2020|2020-11-08|EPI_ISL_708277|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

> Spike| hCoV-19/Australia/NSW815/2020|2020-08-03|EPI_ISL_526157|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Liverpool Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

> Spike| hCoV-19/Wales/PHWC-245AD/2020|2020-03-17|EPI_ISL_419430|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

> Spike| hCoV-19/England/2014001704/2020|2020-03-29|EPI_ISL_423370|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

> Spike| hCoV-19/Scotland/CVR4781/2020|2020-09-20|EPI_ISL_626952|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

> Spike| hCoV-19/Denmark/DCGC-5332/2020|2020-09-14|EPI_ISL_615263|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelensen|Denmark

> Spike| hCoV-19/USA/MI-UM-10035754891/2020|2020-09-01|EPI_ISL_583300|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

> Spike| hCoV-19/England/QEUH-9FB01E/2020|2020-09-29|EPI_ISL_588192|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike| hCoV-19/England/ALDP-A86EA4/2020|2020-10-16|EPI_ISL_606122|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/India/DL-NCDC2334-CSIR-IGIB/2020|2020-05-19|EPI_ISL_482560|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Pandey|India

>Spikes|hCoV-19/England/ALDP-C24495/2020|2020-12-06|EPI_ISL_733837|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spikes|hCoV-19/England/MILK-B66025/2020|2020-11-13|EPI_ISL_673922|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spikes|hCoV-19/Wales/PHWC-497F67/2020|2020-11-30|EPI_ISL_727002|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spikes|hCoV-19/England/ALDP-CB4370/2020|2020-12-18|EPI_ISL_761855|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spikes|hCoV-19/Czech Republic/NRL_2615/2020|2020-03-16|EPI_ISL_437519|Original|hCoV-19^^Prague|Human|The National Institute of Public Health Center for Epidemiology and Microbiology|The National Institute of Public Health Center for Epidemiology and Microbiology|Nagy|Czech Republic

>Spikes|hCoV-19/USA/CA-IGI-0413/2020|2020-07-09|EPI_ISL_754893|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spikes|hCoV-19/England/QEUH-9DAF72/2020|2020-09-21|EPI_ISL_580936|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19/Kenya/C4872/2020|2020-05-08|EPI_ISL_568741|Original|hCoV-19^^Mombasa|Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spikes|hCoV-19/USA/TX-HMH-MCoV-15630/2020|2020-10-26|EPI_ISL_785314|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spikes|hCoV-19/Australia/NSW1230/2020|2020-12-01|EPI_ISL_710128|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|CIDM-PH et al.|Gall|Australia

>Spikes|hCoV-19/USA/NY-Wadsworth-290717-01/2020|2020-12-20|EPI_ISL_767547|Original|hCoV-19^^New York|Human|URMC LABS|Wadsworth Center|Lasek-Nesselquist|USA

>Spikes|hCoV-19/England/204781278/2020|2020-11-20|EPI_ISL_683566|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spikes|hCoV-19/USA/WI-GMF-27637/2020|2020-10-25|EPI_ISL_660983|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spikes|hCoV-19/England/QEUH-B68126/2020|2020-11-11|EPI_ISL_662185|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
> Spike|hCoV-19/USA/NV-QDX-544/2020|2020-03-18|EPI_ISL_571396|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Kagan|USA
> Spike|hCoV-19/USA/CA-CZB-15985/2020|2020-12-02|EPI_ISL_739371|Original|hCoV-19^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA
> Spike|hCoV-19/USA/CA-ALSR-3589/2020|2020-06-16|EPI_ISL_636098|Original|hCoV-19^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
> Spike|hCoV-19/England/QEUH-C316DB/2020|2020-12-09|EPI_ISL_731353|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/England/QEUH-969479/2020|2020-08-11|EPI_ISL_530960|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/CAMB-79E08/2020|2020-04-02|EPI_ISL_441297|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/MD-MDH-0449/2020|2020-11-12|EPI_ISL_682062|Original|hCoV-19^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA
> Spike|hCoV-19/India/MH-ACTREC-415/2020|2020-07-30|EPI_ISL_700064|Original|hCoV-19^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
> Spike|hCoV-19/England/QEUH-BC4BDF/2020|2020-11-25|EPI_ISL_704075|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/England/QEUH-9DA8A4/2020|2020-09-21|EPI_ISL_601252|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/MILK-BAA0C1/2020|2020-11-18|EPI_ISL_783254|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/Wales/MILK-B02E63/2020|2020-10-24|EPI_ISL_652153|Original|hCoV-19^Wales|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/England/SHEF-10D2286/2020|2020-12-17|EPI_ISL_727955|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
> Spike|hCoV-19/England/SHEF-10B26BD/2020|2020-04-12|EPI_ISL_469925|Original|hCoV-19^England|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/South Africa/NHLS-UCT-GP-5689/2020|2020-05-15|EPI_ISL_700561|Original|hCoV-19^Western Cape|Human|Hanover Park CHC |NHLS/UCT|Iranzadeh|South Africa
> Spike|hCoV-19/England/ALDP-AA3E0B/2020|2020-10-22|EPI_ISL_624365|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/WA-UW-8158/2020|2020-04-25|EPI_ISL_570199|Original|hCoV-19^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
> Spike|hCoV-19/England/ALDP-C39BD4/2020|2020-12-09|EPI_ISL_731200|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-9FA729/2020|2020-09-29|EPI_ISL_588105|Original|hCoV-19<^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp...
>Spike|hCoV-19/England/QEUH-B0F9A1/2020|2020-11-02|EPI_ISL_642096|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spikes|hCoV-19/England/ALDP-A7020B/2020|2020-10-15|EPI_ISL_608118|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19/USA/MN-MDH-1460/2020|2020-03-26|EPI_ISL_515269|Original|hCoV-19
>Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spikes|hCoV-19/Wales/PHWC-49D68A/2020|2020-12-12|EPI_ISL_742816|Original|hCoV-19
>Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom

>Spikes|hCoV-19/England/ALDP-B24EB6/2020|2020-11-04|EPI_ISL_646731|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spikes|hCoV-19/England/MLK-A7A4DE/2020|2020-10-15|EPI_ISL_606771|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19/England/LIVE-1D2DA5/2020|2020-03-31|EPI_ISL_612422|Original|hCoV-19
>Scotland|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spikes|hCoV-19/Scotland/EDB1013/2020|2020-04-07|EPI_ISL_491697|Original|hCoV-19
>Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19/England/ALDP-B24EB6/2020|2020-11-04|EPI_ISL_646731|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spikes|hCoV-19/England/BRIS-1309ED/2020|2020-03-12|EPI_ISL_492694|Original|hCoV-19
>England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19/England/QEUH-B100A8/2020|2020-11-02|EPI_ISL_642720|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19/Australia/VIC2814/2020|2020-06-27|EPI_ISL_521645|Original|hCoV-19
>Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spikes|hCoV-19/England/ALDP-C3B079/2020|2020-12-09|EPI_ISL_731731|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spikes|hCoV-19/England/LOND-D3938/2020|2020-04-03|EPI_ISL_441010|Original|hCoV-19
>England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spikes|hCoV-19/England/MILK-9F219C/2020|2020-09-24|EPI_ISL_589198|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19/USA/TX-HM-HMC-19567/2020|2020-11-30|EPI_ISL_783939|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spikes|hCoV-19/Luxembourg/LNS0105586/2020|2020-11-14|EPI_ISL_739713|Original|hCoV-19
>Luxembourg|Human|Laboratoire national de santé|Laboratoire national de santé|u00e9|Wienecke-Baldacchino|Luxembourg

>Spikes|hCoV-19/England/NORW-F2168/2020|2020-10-22|EPI_ISL_627657|Original|hCoV-19
>England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|AliKhan|United Kingdom

>Spikes|hCoV-19/India/OR-ILSCV19156/2020|2020-05-14|EPI_ISL_463066|Original|hCoV-19
>Odisha|Human|Institute of Life Sciences|Immunogenomics lab|Raghav|India
>Spike|hCoV-19|Spain/AN-IBV-001903/2020|2020-03-16|EPI_ISL_467077|Original|hCoV-19^^Andalucia|Human|Hospital Universitario Puerta del Mar de Cádiz - INIBICA|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain
>Spika|hCoV-19|Russia/MOS-CRIE-13834051/2020|2020-11-07|EPI_ISL_732661|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology\ y Korneenko|Russia
>Spika|hCoV-19|Wales/PHWC-49E030/2020|2020-12-06|EPI_ISL_742945|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium/Moore|United Kingdom
>Spika|hCoV-19|England/ALDP-988483/2020|2020-08-03|EPI_ISL_529587|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium/Alikhan|United Kingdom
>Spika|hCoV-19|Denmark/DGCC-13518/2020|2020-11-30|EPI_ISL_712849|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics/Albertsen lab|Michaelsen|Denmark
>Spika|hCoV-19|Spain/MD-IBV-99008673/2020|2020-10-01|EPI_ISL_654174|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Marañón|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain
>Spika|hCoV-19|USA/FL-BPHL-1528/2020|2020-07-28|EPI_ISL_568626|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories/Blanton|USA
>Spika|hCoV-19|Wales/MILK-97351F/2020|2020-08-19|EPI_ISL_575857|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium/Davies|United Kingdom
>Spika|hCoV-19|England/ALDP-BB4D90/2020|2020-11-20|EPI_ISL_702557|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium/Davies|United Kingdom
>Spika|hCoV-19|Denmark/DGCC-2343/2020|2020-08-10|EPI_ISL_617681|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics/Albertsen lab/Michaelsen|Denmark
>Spika|hCoV-19|Belgium/rega-10191268/2020|2020-10-19|EPI_ISL_735178|Original|hCoV-19^^Veerle|Human|UZ Leuven/KU Leuven/Maes|Belgium
>Spika|hCoV-19|Denmark/DGCC-2139/2020|2020-07-20|EPI_ISL_618402|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics/Albertsen lab/Michaelsen|Denmark
>Spika|hCoV-19|Denmark/DGCC-6705/2020|2020-04-20|EPI_ISL_622342|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics/Albertsen lab/Michaelsen|Denmark
>Spika|hCoV-19|India/GJ-GBCR-415b/2020|2020-07-11|EPI_ISL_586543|Original|hCoV-19^^Gujarat|Human|Government General Hospital|Gujarat Biotechnology Research Centre/Joshi|India
>Spika|hCoV-19|USA/CruiseA-10/2020|2020-02-17|EPI_ISL_413615|Original|hCoV-19^^USA|Human|unknown|Pathogen Discovery/Queen|USA
>Spika|hCoV-19|England/MILK-A23CEB/2020|2020-10-03|EPI_ISL_665849|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium/Robson|United Kingdom
>Spika|hCoV-19|Poland/PL MCB 40/2020|2020-04-28|EPI_ISL_645039|Original|hCoV-19^^Poland|Human|Human Genome Variation Research Group|Human Genome Variation Research Group|Poland
>Spika|hCoV-19|Netherlands/ZH-EMC-374/2020|2020-08-02|EPI_ISL_523714|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center/Oude Munnink|Netherlands
>Spika|hCoV-19|United Arab Emirates/0605/2020|2020-05-15|EPI_ISL_689762|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
>Spike|hCoV-19/England/ALDP-9FC824/2020|2020-10-01|EPI_ISL_587987|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-B73832/2020|2020-11-12|EPI_ISL_664862|Original|hCoV-19
^England|Human|Quadrum Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/Japan/PG-8388/2020|2020-07-00|EPI_ISL_687487|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Wales/PHWC-1659FE/2020|2020-06-17|EPI_ISL_490752|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Australia/VIC5271/2020|2020-00-00|EPI_ISL_520036|Original|hCoV-19
^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/CA-ALSR-1685/2020|2020-03-25|EPI_ISL_494743|Original|hCoV-19
^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/England/CAMB-1AE13D/2020|2020-04-27|EPI_ISL_459451|Original|hCoV-19
^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-BC73B6/2020|2020-11-22|EPI_ISL_721352|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-A69117/2020|2020-10-13|EPI_ISL_608639|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-9F82DF/2020|2020-09-27|EPI_ISL_588756|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/MI-MDHHS-SC20169/2020|2020-03-12|EPI_ISL_436807|Original|hCoV-19
^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/Denmark/DGCC-5733/2020|2020-09-28|EPI_ISL_621238|Original|hCoV-19
^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelensen|Denmark
>Spike|hCoV-19/Japan/PG-3009/2020|2020-04-00|EPI_ISL_691133|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/BRIS-1854318/2020|2020-04-28|EPI_ISL_492306|Original|hCoV-19
^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/MA-MGH-02733/2020|2020-09-29|EPI_ISL_765606|Original|hCoV-19
^Massachusetts|Human|Brigham and Womens Hospital|Infectious Disease Program|Park|USA
>Spike|hCoV-19/Luxembourg/LNS2458393/2020|2020-04-14|EPI_ISL_434504|Original|hCoV-19
^Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/Germany/SH-ChVir20735/2020|2020-11-17|EPI_ISL_729675|Original|hCoV-19
^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e4tsmedizin Universit\u00e4tsmedizin Berlin|Muehlemann|Germany
>Spike|hCoV-19/Denmark/DGCC-7191/2020|2020-10-12|EPI_ISL_619191|Original|hCoV-19
^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelensen|Denmark
>Spike|hCoV-19/USA/TX-DSHS-1760/2020|2020-06-21|EPI_ISL_710385|Original|hCoV-19
^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spike|hCoV-19/Finland/26SS7B1/2020|2020-09-26|EPI_ISL_759951|Original|hCoV-19
^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland
>Spike|hCoV-19/Ireland/CO-NVRL-72IRL13552/2020|2020-08-12|EPI_ISL_528471|Original|hCoV-19^^Cork|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland
>Spike|hCoV-19/Scotland/QEUH-98F3DA/2020|2020-08-29|EPI_ISL_568431|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Spain/MD-IBV-99009622/2020|2020-10-14|EPI_ISL_654363|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1o\u00f1o\u00f1o|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
>Spike|hCoV-19/Northern Ireland/NIRE-106ED2/2020|2020-05-21|EPI_ISL_501070|Original|hCoV-19|^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-B5E536/2020|2020-11-08|EPI_ISL_723666|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/England/NORT-2991AD/2020|2020-04-23|EPI_ISL_493482|Original|hCoV-19|^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust / COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/USA/UT-UPHL-201132584/2020|2020-05-13|EPI_ISL_628971|Original|hCoV-19|^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/Denmark/DGCC-6647/2020|2020-10-12|EPI_ISL_619549|Original|hCoV-19^|Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Miakeelsen|Denmark
>Spike|hCoV-19/USA/TX-HMH-6683/2020|2020-06-24|EPI_ISL_546171|Original|hCoV-19|^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/MILK-B01FCB/2020|2020-10-23|EPI_ISL_642965|Original|hCoV-19|^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/MN-MDH-1088/2020|2020-06-03|EPI_ISL_470768|Original|hCoV-19^|Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA
>Spike|hCoV-19/USA/TX-DSHS-1018/2020|2020-03-20|EPI_ISL_644172|Original|hCoV-19|^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spike|hCoV-19/USA/TX-HMH-MCoV-17986/2020|2020-11-16|EPI_ISL_786134|Original|hCoV-19|^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/TX-HMH-MCoV-11933/2020|2020-09-15|EPI_ISL_790138|Original|hCoV-19|^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Switzerland/BS-UHB-42201408/2020|2020-03-21|EPI_ISL_528294|Original|hCoV-19^|Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland
>Spike|hCoV-19/South Africa/KRISP-K002413/2020|2020-07-24|EPI_ISL_515775|Original|hCoV-19^|KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
>Spike|hCoV-19/Spain/IB-IBV-99011599/2020|2020-12-02|EPI_ISL_779916|Original|hCoV-19^|Balear Islands|Human|Servicio de Microbiologia\u00eda|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
>Spike|hCoV-19/USA/CA-CZB-13019/2020|2020-10-26|EPI_ISL_672304|Original|hCoV-19^|California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA
>Spike|hCoV-19/Australia/QLD0189/2020|2020-03-27|EPI_ISL_593608|Original|hCoV-19^|Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia
>Spike|hCoV-19/Japan/NGY-NHH-043/2020|2020-08-10|EPI_ISL_637009|Original|hCoV-19^|Aichi|Human|Department of Infectious Diseases and Immunology|Clinical Research Center|Iwatani|Japan
>Spike|hCoV-19/England/QEUH-AF6768/2020|2020-10-30|EPI_ISL_663114|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spa|hCoV-19/Denmark/DGCC-3906/2020|2020-09-07|EPI_ISL_615627|Original|hCoV-19
>Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spa|hCoV-19/USA/TX-HMH-7881/2020|2020-07-01|EPI_ISL_545679|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spa|hCoV-19/USA/TX-DSHS-1748/2020|2020-06-13|EPI_ISL_710400|Original|hCoV-19
>Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spa|hCoV-19/England/ALDP-B1A150/2020|2020-11-02|EPI_ISL_645796|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spa|hCoV-19/USA/Ala-TG670237/2020|2020-03-25|EPI_ISL_696417|Original|hCoV-19
>Az|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spa|hCoV-19/England/QEUH-AD06A3/2020|2020-10-23|EPI_ISL_629970|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spa|hCoV-19/New Zealand/20CV0127/2020|2020-08-20|EPI_ISL_548013|Original|hCoV-19
>Combined Auckland|Human|LabTests|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spa|hCoV-19/Scotland/QEUH-9F8E26/2020|2020-09-27|EPI_ISL_600874|Original|hCoV-19
>Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spa|hCoV-19/Wales/PHWC-480286/2020|2020-10-10|EPI_ISL_612869|Original|hCoV-19
>Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spa|hCoV-19/England/QEUH-89AF24/2020|2020-07-26|EPI_ISL_532713|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spa|hCoV-19/England/BRIS-12681A/2020|2020-04-09|EPI_ISL_458962|Original|hCoV-19
>England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spa|hCoV-19/Belgium/rega-0916974/2020|2020-09-16|EPI_ISL_734964|Original|hCoV-19
>Berg|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spa|hCoV-19/England/MILK-99E138/2020|2020-08-31|EPI_ISL_550725|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spa|hCoV-19/Switzerland/BL-ETHZ-260031/2020|2020-08-22|EPI_ISL_539364|Original|hCoV-19
>Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spa|hCoV-19/England/CAMC-AEAE71/2020|2020-10-26|EPI_ISL_633345|Original|hCoV-19
>England|Human|Liverpool School of Tropical Medicine|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spa|hCoV-19/Luxembourg/LNS6046845/2020|2020-11-28|EPI_ISL_744345|Original|hCoV-19
>Luxembourg|Human|Laboratoire national de santé|U00e9|Laboratoire national de santé|U00e9|Wienecke-Baldacchino|Luxembourg

>Spa|hCoV-19/Bahrain/340854790/2020|2020-10-13|EPI_ISL_682312|Original|hCoV-19
>Bahrain|Human|Communicable Disease Laboratory|Communicable Disease Laboratory|Altaif|Bahrain

>Spa|hCoV-19/Canada/ON-CG22/2020|2020-11-28|EPI_ISL_755802|Original|hCoV-19
>Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spa|hCoV-19/Gibraltar/205000645/2020|2020-12-00|EPI_ISL_709980|Original|hCoV-19
>Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spa|hCoV-19/Saint Kitts and Nevis/KN007997/2020|2020-03-28|EPI_ISL_756358|Original|hCoV-19
>Saint Kitts and Nevis|Human|Caribbean Regional Health Authority|Carrington Lab|Sahadeo|Saint Kitts and Nevis
> Spike|hCoV-19/USA/TX-HMH-MCoV-12246/2020|2020-09-23|EPI_ISL_790265|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

> Spike|hCoV-19/United Arab Emirates/0935/2020|2020-06-27|EPI_ISL_699071|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

> Spike|hCoV-19/USA/NJ-NYUMC111/2020|2020-03-18|EPI_ISL_421723|Original|hCoV-19^^New Jersey|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

> Spike|hCoV-19/USA/VA-DCLS-2404/2020|2020-11-16|EPI_ISL_734175|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacobs|USA

> Spike|hCoV-19/USA/VA-DCLS-0586/2020|2020-03-17|EPI_ISL_526807|Original|hCoV-19^^Virginia|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/England/MILK-B0600F/2020|2020-10-24|EPI_ISL_642823|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/USA/LA-EVTL672/2020|2020-07-13|EPI_ISL_653364|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

> Spike|hCoV-19/England/CAMB-1BOC82/2020|2020-05-12|EPI_ISL_452957|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

> Spike|hCoV-19/USA/VA-UW-22993/2020|2020-08-09|EPI_ISL_570744|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

> Spike|hCoV-19/Canada/ALDP-A86D89/2020|2020-10-16|EPI_ISL_606198|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/USA/MA-NORT-29F6F3/2020|2020-04-29|EPI_ISL_490494|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashir|United Kingdom

> Spike|hCoV-19/USA/QEUH-9993BF/2020|2020-08-24|EPI_ISL_541793|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/Switzerland/BS-42207789/2020|2020-03-26|EPI_ISL_581753|Original|hCoV-19^^Switzerland|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

> Spike|hCoV-19/Australia/VIC2204/2020|2020-06-25|EPI_ISL_521946|Original|hCoV-19^^Australia|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PhL|Schultz|Australia

> Spike|hCoV-19/Italy/LAZ-1NMI-96/2020|2020-11-04|EPI_ISL_710546|Original|hCoV-19^^Italy|Human|National Institute for Infectious Diseases (INMI)|National Institute for Infectious Diseases|Gruber|Italy

> Spike|hCoV-19/England/ALDP-9C5587/2020|2020-09-10|EPI_ISL_567846|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/CA-ALSR-2856/2020|2020-07-24|EPI_ISL_635715|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersson lab at Scripps Research|Gangavarapu|USA
>Spke|hCoV-19/England/ALDP-A6DC9A/2020|2020-10-14|EPI_ISL_607077|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/England/CAMB-1AD031/2020|2020-04-29|EPI_ISL_447958|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spke|hCoV-19/Australia/VIC10720/2020|2020-09-03|EPI_ISL_563053|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spke|hCoV-19/Scotland/EDN10785/2020|2020-12-08|EPI_ISL_724237|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
>Spke|hCoV-19/USA/TX-DSSH-1012/2020|2020-03-30|EPI_ISL_644167|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spke|hCoV-19/England/QEUH-9F822A/2020|2020-09-27|EPI_ISL_588991|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/USA/WI-UW-2572/2021|2021-01-04|EPI_ISL_788914|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA
>Spke|hCoV-19/England/CAMB-1BAE73/2020|2020-11-11|EPI_ISL_664322|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spke|hCoV-19/USA/VA-DCLS-0303/2020|2020-05-18|EPI_ISL_463106|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spke|hCoV-19/Australia/VIC17386/2020|2020-08-15|EPI_ISL_663869|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spke|hCoV-19/England/ALDP-9823F5/2020|2020-08-09|EPI_ISL_526361|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spke|hCoV-19/South Africa/KRISP-K004613/2020|2020-11-04|EPI_ISL_660636|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
>Spke|hCoV-19/Australia/VIC3092/2020|2020-07-04|EPI_ISL_520799|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spke|hCoV-19/Japan/PG-1262/2020|2020-00-00|EPI_ISL_684872|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spke|hCoV-19/Norway/6702/2020|2020-12-04|EPI_ISL_775305|Original|hCoV-19^^Vestfold og Telemark|Human|Unilabs Laboratory Medicine|Norwegian Institute of Public Health|Vollan|Norway
>Spke|hCoV-19/Wales/PHWC-4997D6/2020|2020-12-04|EPI_ISL_727358|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spke|hCoV-19/England/CAMC-9DF344/2020|2020-09-21|EPI_ISL_638140|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spke|hCoV-19/Scotland/QEUH-9DBEB0/2020|2020-09-22|EPI_ISL_575380|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/England/NORW-EBB37/2020|2020-05-06|EPI_ISL_457479|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike\|hCoV-19\|Hong Kong\|VB20219976\|2020\|2020-10-17\|EPI\_ISL\_760057\|Original\|hCoV-19\|Hong Kong\|Human\|Hong Kong Department of Health\|School of Public Health\|Chu\|China

>Spike\|hCoV-19\|England\|MILK-B608A2\|2020\|2020-11-17\|EPI\_ISL\_720017\|Original\|hCoV-19\|England\|Human\|Lighthouse Lab in Alderley Park\|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium\|Davies\|United Kingdom

>Spike\|hCoV-19\|Spain\|PV-IBV-2146\|2020\|2020-04-12\|EPI\_ISL\_468870\|Original\|hCoV-19\|Basque Country\|Human\|Servicio de Microbiología\|00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium\|IBV (CSIC)\|Comas\|Spain

>Spike\|hCoV-19\|England\|Lighthouse Lab in Milton Keynes\|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium\|Davies\|United Kingdom

>Spike\|hCoV-19\|Washington\|Human\|Washington State Department of Health\|Seattle Flu Study\|Bedford\|USA

>Spike\|hCoV-19\|England\|ALDP-A6C6BB\|2020\|2020-10-15\|EPI\_ISL\_608325\|Original\|hCoV-19\|England\|Human\|Lighthouse Lab in Alderley Park\|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium\|Davies\|United Kingdom

>Spike\|hCoV-19\|Portugal\|PT0786\|2020\|2020-03-17\|EPI\_ISL\_511045\|Original\|hCoV-19\|Portugal\|Human\|Instituto Nacional de Saúde (INSA)\|Instituto Nacional de Saúde (INSA)\|Borges\|Portugal

>Spike\|hCoV-19\|Scotland\|GCVR-17177D\|2020\|2020-03-28\|EPI\_ISL\_489699\|Original\|hCoV-19\|Scotland\|Human\|NHSSGC West of Scotland Specialist Virology Centre / MRC- University of Glasgow Centre for Virus Research\|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium\|Davies\|United Kingdom

>Spike\|hCoV-19\|Switzerland\|BL-ETHZ-400397\|2020\|2020-12-10\|EPI\_ISL\_729089\|Original\|hCoV-19\|Basel-Landschaft\|Human\|Vollier AG\|Department of Biosystems Science and Engineering\|Nadeau\|Switzerland

>Spike\|hCoV-19\|England\|QEUH-A60CA6\|2020\|2020-10-11\|EPI\_ISL\_665495\|Original\|hCoV-19\|England\|Human\|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust / COVID-19 Genomics UK (COG-UK) Consortium\|Bashton\|United Kingdom

>Spike\|hCoV-19\|Netherlands\|ZH-EMC-895\|2020\|2020-09-29\|EPI\_ISL\_632675\|Original\|hCoV-19\|Zuid Holland\|Human\|Dutch COVID-19 response team\|Erasmus Medical Center\|Oude Munnink\|Netherlands

>Spike\|hCoV-19\|USA\|MI-MDHS-SC22002\|2020\|2020-08-20\|EPI\_ISL\_577567\|Original\|hCoV-19\|Michigan\|Human\|Michigan Department of Health and Human Services\|Michigan Department of Health and Human Services\|Jacob\|USA

>Spike\|hCoV-19\|USA\|WI-UW-2083\|2020\|2020-10-18\|EPI\_ISL\_677488\|Original\|hCoV-19\|Wisconsin\|Human\|University of Wisconsin-Madison AIDS Vaccine Research Laboratories\|University of Wisconsin-Madison AIDS Vaccine Research Laboratories\|Baczenas\|USA

>Spike\|hCoV-19\|England\|ALDP-9EA9CC\|2020\|2020-09-24\|EPI\_ISL\_580188\|Original\|hCoV-19\|England\|Human\|Lighthouse Lab in Alderley Park\|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium\|Davies\|United Kingdom

>Spike\|hCoV-19\|Canada\|BC-BCCDC-8577\|2020\|2020-11-00\|EPI\_ISL\_740827\|Original\|hCoV-19\|British Columbia\|Human\|BCCDC Public Health Laboratory\|BCCDC Public Health Laboratory\|Prystajecky\|Canada

>Spike\|hCoV-19\|England\|ALDP-A6E552\|2020\|2020-10-15\|EPI\_ISL\_607246\|Original\|hCoV-19\|England\|Human\|Lighthouse Lab in Alderley Park\|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium\|Davies\|United Kingdom

Spike\|hCoV-19\|England\|Lighthouse Lab in Alderley Park\|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium\|Davies\|United Kingdom
Laboratory|COVID-19|England|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

Australia|VIC968|2020|2020-03-27|EPI_ISL_430651|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

England|EPI_ISL_764405|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Roychoudhury|South Africa

Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

Northern Ireland|NIRE-235000|2020|2020-10-15|EPI_ISL_764405|Original|hCoV-19|Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
>Spike|hCoV-19|USA/MI-UM-2006S000961/2020|2020-03-26|EPI_ISL_484771|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>Spke|hCoV-19/England/ALDP-5AA610/2020|2020-06-15|EPI_ISL_558719|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/Switzerland/VD-ETHZ-300298/2020|2020-09-25|EPI_ISL_603330|Original|hCoV-19^^Human|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spke|hCoV-19/England/ALDP-B857A9/2020|2020-11-14|EPI_ISL_675403|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/Tunisia/53873/2020|2020-10-26|EPI_ISL_654020|Original|hCoV-19^^Ben Arous|Human|Laboratory of Microbiology|1-Clinical and Experimental Pharmacology Lab|Boutiba-Ben Boubaker|Tunisia
>Spke|hCoV-19/Denmark/DCGC-21462/2020|2020-12-21|EPI_ISL_758179|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spke|hCoV-19/England/QEUH-B2D13C/2020|2020-11-04|EPI_ISL_680100|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spke|hCoV-19/England/MILK-993133/2020|2020-08-27|EPI_ISL_552032|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/England/CAMB-1B890B/2020|2020-10-29|EPI_ISL_651668|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spke|hCoV-19/England/MILK-B97452/2020|2020-11-14|EPI_ISL_675106|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/USA/MI-UK-105/2020|2020-03-18|EPI_ISL_571912|Original|hCoV-19^^Wisconsin|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spke|hCoV-19/USA/TX-HMM-7307/2020|2020-06-29|EPI_ISL_546664|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spke|hCoV-19/England/ALDP-C8E684/2020|2020-12-14|EPI_ISL_777333|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/Netherlands/OV-EMC-105/2020|2020-09-19|EPI_ISL_722825|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands
>Spke|hCoV-19/USA/UT-01692/2020|2020-04-13|EPI_ISL_454713|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spke|hCoV-19/England/NORT-2846F1/2020|2020-03-24|EPI_ISL_488611|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/Japan/PG-7288/2020|2020-08-00|EPI_ISL_688391|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spke|hCoV-19/Portugal/PT0812/2020|2020-03-20|EPI_ISL_511071|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal
>Spke|hCoV-19/England/MILK-9AB43F/2020|2020-08-31|EPI_ISL_551031|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/USA/TX-DSHS-1007/2020|2020-07-03|EPI_ISL_613998|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spke|hCoV-19/England/QEUH-AF5F25/2020|2020-10-30|EPI_ISL_653032|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/Wales/PHWC-47EEA5/2020|2020-10-08|EPI_ISL_595605|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spik|hCoV-19/Brazil/SP-L15-CD266/2020|2020-03-29|EPI_ISL_476260|Original|hCoV-19^S\u00e3 Paulo|Human|Hospital da C\u00e9u00ednicas da Faculdade de Medicina da Universidade de S\u00e3 Paulo|Instituto de Medicina Tropical da Universidade de S\u00e3 Paulo|Sabino|Brazil

>Spik|hCoV-19/Canada/QC-LSPQ-L00221627/2020|2020-03-15|EPI_ISL_535810|Original|hCoV-19^Quebec|Human|H\u00e9u00fetal Sainte-Croix|Laboratoire de s\u00e3nt\u00e9e|HDV|Moreira|Canada

>Spik|hCoV-19/USA/FL-BPHL-1288/2020|2020-08-28|EPI_ISL_541220|Original|hCoV-19^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spik|hCoV-19/USA/HI-H200682/2020|2020-12-01|EPI_ISL_753205|Original|hCoV-19^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spik|hCoV-19/England/LOND-125FC18/2020|2020-03-11|EPI_ISL_516867|Original|hCoV-19^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19/England/NORT-296322/2020|2020-05-15|EPI ISL 488049|Original|hCoV-19^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19/Netherlands/ZH-EMC-1062/2020|2020-12-07|EPI_ISL_722797|Original|hCoV-19^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands

>Spik|hCoV-19/England/LCST-24D685C/2020|2020-05-31|EPI_ISL_478302|Original|hCoV-19^England|Human|University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) consortium|Loose|United Kingdom

>Spik|hCoV-19/Scotland/QEHU-964F8C/2020|2020-08-13|EPI_ISL_531156|Original|hCoV-19^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19/USA/TX-HMH-8010/2020|2020-07-01|EPI_ISL_545789|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spik|hCoV-19/Denmark/DCGC-9928/2020|2020-11-09|EPI_ISL_668493|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spik|hCoV-19/Scotland/CVR3739/2020|2020-05-10|EPI_ISL_473775|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) consortium|Robertson|United Kingdom

>Spik|hCoV-19/Japan/PG-6734/2020|2020-08-00|EPI_ISL_687845|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spik|hCoV-19/USA/TX-HMW-MCoV-18422/2020|2020-11-18|EPI_ISL_784770|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spik|hCoV-19/India/UT-63072-CSR-IGIB/2020|2020-08-05|EPI_ISL_636812|Original|hCoV-19^Uttarakhand|Human|National Centre for Disease control (NCDC)|NCDC/CSR-IGIB|Farug|India

>Spik|hCoV-19/England/ALDP-B1C4FB/2020|2020-11-01|EPI_ISL_645586|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19/Sweden/20-53179/2020|2020-10-21|EPI_ISL_710610|Original|hCoV-19^Stockholm|Human|Ektors Vardcentra|The Public Health Agency of Sweden|Svartstr\u00e6|U00f6f6m|Sweden
>Spike|hCoV-19|England/QEUH-96D1D8/2020|2020-08-19|EPI_ISL_530649|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/WA-UW-22731/2020|2020-08-07|EPI_ISL_570609|Original|hCoV-19|Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19|Japan/PG-8210/2020|2020-08-00|EPI_ISL_687309|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19|England/MILK-A7CC10/2020|2020-10-15|EPI_ISL_607389|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Netherlands/NA_519/2020|2020-03-30|EPI_ISL_460692|Original|hCoV-19|Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands
>Spike|hCoV-19|England/MILK-95757B/2020|2020-06-13|EPI_ISL_554167|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/PA-MGEL-00748/2020|2020-09-15|EPI_ISL_682044|Original|hCoV-19|Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genomic Epidemiology Laboratory|Griffith|USA
>Spike|hCoV-19|England/OXON-AF346/2020|2020-03-17|EPI_ISL_448825|Original|hCoV-19|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19|Australia/VIC12244/2020|2020-09-12|EPI_ISL_563548|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19|Japan/NGY-NNH-036/2020|2020-07-28|EPI_ISL_637002|Original|hCoV-19|Aichi|Human|Department of Infectious Diseases and Immunology|Clinical Research Center|Iwataki|Japan
>Spike|hCoV-19|England/QEUH-B7E99E/2020|2020-11-14|EPI_ISL_667859|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|England/CAMB-1BA848/2020|2020-11-12|EPI_ISL_664303|Original|hCoV-19|England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19|New Zealand/20CV0281/2020|2020-03-25|EPI_ISL_579072|Original|hCoV-19|New Zealand|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
>Spike|hCoV-19|Wales/PHWC-4985EC/2020|2020-12-03|EPI_ISL_727099|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19|England/QEUH-B129E7/2020|2020-10-31|EPI_ISL_642581|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/WA-UW-23276/2020|2020-08-07|EPI_ISL_576414|Original|hCoV-19|Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19|Australia/VIC233/2020|2020-03-21|EPI_ISL_419928|Original|hCoV-19|Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia
>Spike|hCoV-19|England/MILK-A7DA60/2020|2020-10-16|EPI_ISL_638464|Original|hCoV-19|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19|USA/MI-MDHHS-SC20524/2020|2020-04-29|EPI_ISL_460572|Original|hCoV-19|Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19|Denmark/DCGC-11126/2020|2020-11-02|EPI_ISL_670406|Original|hCoV-19|Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelesen|Denmark
>Spike|hCoV-19|USA/WI-UW-1603/2020|2020-09-23|EPI_ISL_605480|Original|hCoV-19|Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
> Spike|hCoV-19/Singapore/555/2020|2020-05-31|EPI_ISL_483578|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
> Spike|hCoV-19/England/QEUH-CBOD66/2020|2020-12-06|EPI_ISL_760872|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/Wales/PHWRC-4A050F/2020|2020-12-07|EPI_ISL_743457|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Germany/HH-hpi-p1843/2020|2020-03-22|EPI_ISL_776194|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany
> Spike|hCoV-19/USA/MN-MDH-387/2020|2020-04-08|EPI_ISL_437367|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health and Human Services|Blankenship|USA
> Spike|hCoV-19/England/NOTT-10FF03/2020|2020-04-09|EPI_ISL_441454|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
> Spike|hCoV-19/New Zealand/20VR1113/2020|2020-03-20|EPI_ISL_579121|Original|hCoV-19^^Waikato|Human|Waikato Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
> Spike|hCoV-19/England/LCST-24D69D1/2020|2020-06-03|EPI_ISL_478317|Original|hCoV-19^^England|Human|University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
> Spike|hCoV-19/USA/MI-MDHHS-SC21376/2020|2020-03-23|EPI_ISL_507630|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
> Spike|hCoV-19/Wales/PHWRC-4857FB/2020|2020-10-19|EPI_ISL_628223|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Canada/ON-SLB3168/2020|2020-05-09|EPI_ISL_717744|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Centre and Queen's University|Ontario Institute for Cancer Research|de Borja|Canada
> Spike|hCoV-19/Norway/5643/2020|2020-11-10|EPI_ISL_708133|Original|hCoV-19^^Rogaland|Human|Dept. of Medical Microbiology|Norwegian Institute of Public Health|Kopperud Riis|Norway
> Spike|hCoV-19/England/ALDP-B45FDA/2020|2020-11-07|EPI_ISL_656037|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/MI-MDHHS-SC21471/2020|2020-07-21|EPI_ISL_516198|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
> Spike|hCoV-19/USA/TX-HMH-6301/2020|2020-06-24|EPI_ISL_547375|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19/England/ALDP-BCA18C/2020|2020-11-23|EPI_ISL_703544|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/Wales/PHWRC-4910C4/2020|2020-11-16|EPI_ISL_706609|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/India/HR-INT-CB44/2020|2020-08-27|EPI_ISL_547590|Original|hCoV-19^^Haryana|Human|Civil Hospital|CSIR-Institute of Microbial Technology|Patil|India
> Spike|hCoV-19/Oman/C-9263/2020|2020-04-28|EPI_ISL_491133|Original|hCoV-19^^Dakhiliyah|Human|Oman-National Influenza Center|Biotechnology & OMICS Laboratory|Al Mahruqi|Oman
> Spike|hCoV-19/England/QEUH-B2E423/2020|2020-11-03|EPI_ISL_646226|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|England/QUEH-B66401/2020|2020-11-11|EPI_ISL_662577|Original|hCoV-19
> Spike|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|Denmark/DGCC-1853/2020|2020-05-04|EPI_ISL_622537|Original|hCoV-19
> Spike|hCoV-19|Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
> Spike|hCoV-19|Canada/NC-LSPQ-L00219049/2020|2020-03-14|EPI ISL 535788|Original|hCoV-19
> Spike|hCoV-19|Quebec|Human|Centre Hospitalier R\u00e9gional de Lanaud\i\eacute;i\u00e8re|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada
> Spike|hCoV-19|England/ALDP-A6F7A6/2020|2020-10-14|EPI_ISL_607105|Original|hCoV-19
> Spike|hCoV-19|California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA
> Spike|hCoV-19|England|CAMC-C84008/2020|2020-12-17|EPI_ISL_756467|Original|hCoV-19
> Spike|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Finland/26A2455/2020|2020-04-26|EPI_ISL_481618|Original|hCoV-19
> Spike|hCoV-19|Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA
> Spike|hCoV-19|USA/CA-CZB-12868/2020|2020-10-15|EPI_ISL_648523|Original|hCoV-19
> Spike|hCoV-19|California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA
> Spike|hCoV-19|Japan/PG-8543/2020|2020-08-00|EPI_ISL_686139|Original|hCoV-19
> Spike|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
> Spike|hCoV-19|Australia/VIC222/2020|2020-03-20|EPI_ISL_419917|Original|hCoV-19
> Spike|hCoV-19|Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia
> Spike|hCoV-19|England/NOTT-10EAF4/2020|2020-03-30|EPI_ISL_425640|Original|hCoV-19
> Spike|hCoV-19|England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
> Spike|hCoV-19|Russia/OMS-ORINFI-2022S/2020|2020-05-26|EPI_ISL_569759|Original|hCoV-19
> Spike|hCoV-19|Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia
> Spike|hCoV-19|USA/TX-HMH-MCoV-9291/2020|2020-07-03|EPI_ISL_781041|Original|hCoV-19
> Spike|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19|USA/TX-HMH-2731/2020|2020-06-07|EPI_ISL_545510|Original|hCoV-19
> Spike|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19|Switzerland/BL-ETHZ-190006/2020|2020-07-03|EPI_ISL_498624|Original|hCoV-19
> Spike|hCoV-19|Basel-Landschaft|Human|VioUell AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
> Spike|hCoV-19|Australia/VIC3080/2020|2020-07-10|EPI_ISL_520787|Original|hCoV-19
> Spike|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19|England/CAMC-B99EDA/2020|2020-11-15|EPI_ISL_673569|Original|hCoV-19
> Spike|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|USA/TX-HMH-MCoV-17952/2020|2020-11-16|EPI_ISL_786100|Original|hCoV-19
> Spike|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19|USA/WI-WSLH-200473/2020|2020-05-19|EPI_ISL_578614|Original|hCoV-19
> Spike|hCoV-19|Wisconsin|Human|University of Wisconsin State Laboratory of Hygiene Communicable Disease
>Spike|hCoV-19/USA/WA-S290/2020|2020-03-23|EPI_ISL_430144|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Bedford|USA
>Spike|hCoV-19/Denmark/DGC-22392/2020|2020-12-14|EPI_ISL_757535|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albersen Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/OR-OHSU-1763/2020|2020-07-25|EPI_ISL_526022|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA
>Spike|hCoV-19/USA/CA-CHL-PLM21871523/2020|2020-11-30|EPI_ISL_753524|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA
>Spike|hCoV-19/Denmark/DGC-2136/2020|2020-07-27|EPI_ISL_618399|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albersen lab|Michaelsen|Denmark
>Spike|hCoV-19/England/CAMB-790E4/2020|2020-04-03|EPI_ISL_441839|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/England/ALDP-9CB4A2/2020|2020-09-16|EPI_ISL_575626|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/South Africa/UFS-VIRO-NGS-14/2020|2020-10-18|EPI_ISL_682326|Original|hCoV-19^^Free State|Human|N HLS Universitas Academic|UFS Virology|Bester|South Africa
>Spike|hCoV-19/Latvia/144/2020|2020-09-09|EPI_ISL_639641|Original|hCoV-19^^Latvia|Human|E. Gulbja Laboratorija|Latvian Biomedical Research and Study Centre|Zrelovs|Latvia
>Spike|hCoV-19/Wales/PHWC-308D2/2020|2020-04-07|EPI_ISL_446289|Original|hCoV-19^^Wales|Human|Wales Speciality Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/USA/CA-ALSR-1935/2020|2020-07-09|EPI_ISL_512243|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/USA/TX-HMH-MCoV-13128/2020|2020-08-27|EPI_ISL_788279|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Russia/Samara-73403/2020|2020-03-20|EPI_ISL_428886|Vero|hCoV-19^^Samara|Human|State Research Center of Virology and Biotechnology VECTOR|State Research Center of Virology and Biotechnology VECTOR|Shvalov|Russia
>Spike|hCoV-19/USA/TX-HMH0350/2020|2020-04-04|EPI_ISL_434944|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/NORT-283926/2020|2020-04-01|EPI_ISL_488869|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/CA-CDPH235/2020|2020-11-15|EPI_ISL_754971|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA
>Spike|hCoV-19/England/LOND-DA6D0/2020|2020-11-04|EPI_ISL_724655|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spike|hCoV-19/England/QEUH-B6984E/2020|2020-11-11|EPI_ISL_661432|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/SHEF-10D7166/2020|2020-12-06|EPI_ISL_742097|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/Norway/4050/2020|2020-10-03|EPI_ISL_635097|Original|hCoV-19^^Agder|Human|Hospital of Southern Norway - Kristiansand|Norwegian Institute of Public Health|Vollan|Norway
>Spike|hCoV-19/England/PORT-2EE68C/2020|2020-11-14|EPI_ISL_741722|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike|hCoV-19/Luxembourg/LNS0734464/2020|2020-10-30|EPI_ISL_739824|Original|hCoV-19^Luxembourg|Human|Laboratoire national de santé|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/201390493/2020|2020-03-28|EPI_ISL_465849|Original|hCoV-19^England|Human|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/LIVE-DBB6BA/2020|2020-11-13|EPI_ISL_665126|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Spain/AR-IVB-98008056/2020|2020-10-01|EPI_ISL_654449|Original|hCoV-19^Aragon|Human|Servicio de Microbiología|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Japan/PG-8595/2020|2020-08-00|EPI_ISL_686191|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Berlin|Muehlemann|Germany

>Spike|hCoV-19/USA/NY-Wadsworth-290408-01/2020|2020-12-23|EPI_ISL_767418|Original|hCoV-19^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/AZ-TG395933/2020|2020-06-08|EPI_ISL_694769|Original|hCoV-19^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/New Zealand/20VR2501/2020|2020-00-00|EPI_ISL_579256|Original|hCoV-19^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Australia/VIC9109/2020|2020-08-07|EPI_ISL_565394|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-2429/2020|2020-05-21|EPI_ISL_513848|Original|hCoV-19^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/QEUH-AD32F7/2020|2020-10-26|EPI_ISL_633732|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-16157/2020|2020-10-28|EPI_ISL_785841|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/India/TG-CCMB-AB226/2020|2020-08-14|EPI_ISL_539713|Original|hCoV-19^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/England/CAMC-BFB7DF/2020|2020-12-04|EPI_ISL_709118|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201090978/2020|2020-03-08|EPI_ISL_464614|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS2293608/2020|2020-11-01|EPI_ISL_740095|Original|hCoV-19^Luxembourg|Human|Laboratoire national de santé|Laboratoire national de santé|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-9CCF55/2020|2020-09-16|EPI_ISL_566397|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CMAB-81438/2020|2020-04-09|EPI_ISL_442593|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1203/2020|2020-06-23|EPI_ISL_572277|Original|hCoV-19^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
> Spike | hCoV-19 | Scotland | CVR2948/2020 | 2020-04-22 | EPI_ISL_461604 | Original | hCoV-19 | Scotland | Human | West of Scotland Specialist Virology Centre | COVID-19 Genomics UK (COG-UK) Consortium | Robertson | United Kingdom

> Spike | hCoV-19 | Scotland | EDB4842/2020 | 2020-04-01 | EPI_ISL_453166 | Original | hCoV-19 | Scotland | Human | Virology Department | COVID-19 Genomics UK (COG-UK) Consortium | Williams | United Kingdom

> Spike | hCoV-19 | USA | VA-DCLS-0539/2020 | 2020-03-12 | EPI_ISL_485840 | Original | hCoV-19 | Virginia | Human | Virginia DCLS | Virginia DCLS | St. Jacobs | USA

> Spike | hCoV-19 | USA | VA-DCLS-0069/2020 | 2020-03-26 | EPI_ISL_429969 | Original | hCoV-19 | Virginia | Human | Virginia DCLS | Virginia DCLS | St. Jacques | USA

> Spike | hCoV-19 | Switzerland | ZH-ETHZ-420084/2020 | 2020-12-18 | EPI_ISL_768270 | Original | hCoV-19 | Zurich | Human | Violler AG | Department of Biosystems Science and Engineering | Nadeau | Switzerland

> Spike | hCoV-19 | United Arab Emirates | 0379/2020 | 2020-05-19 | EPI_ISL_698554 | Original | hCoV-19 | Abu Dhabi | Human | Group 42 (G42) Healthcare | G42 Healthcare | Ogrodzki | United Arab Emirates

> Spike | hCoV-19 | USA | NY-QDX-1180/2020 | 2020-03-16 | EPI_ISL_571990 | Original | hCoV-19 | New York | Human | Quest Diagnostics | Quest Diagnostics | Kagan | USA

> Spike | hCoV-19 | England | ALDP-5B8381/2020 | 2020-06-15 | EPI_ISL_558894 | Original | hCoV-19 | England | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> Spike | hCoV-19 | Japan | PG-0442/2020 | 2020-03-19 | EPI_ISL_480107 | Original | hCoV-19 | Kanto | Human | Koshigaya City Public Health Center | Pathogen Genomics Center | Sekizuka | Japan

> Spike | hCoV-19 | USA | TX-HMH-MCO-10256/2020 | 2020-07-07 | EPI_ISL_789396 | Original | hCoV-19 | Texas | Human | Houston Methodist Hospital | Houston Methodist Hospital | Long | USA

> Spike | hCoV-19 | Wales | PHHC-16DA4E/2020 | 2020-09-17 | EPI_ISL_577482 | Original | hCoV-19 | Wales | Human | Wales Specialist Virology Centre | Sequencing lab | COVID-19 Genomics UK (COG-UK) Consortium | Moore | United Kingdom

> Spike | hCoV-19 | USA | TX-HMH07/2020 | 2020-03-15 | EPI_ISL_434718 | Original | hCoV-19 | Texas | Human | Houston Methodist Hospital | Houston Methodist Hospital | Long | USA

> Spike | hCoV-19 | England | BRIS-12182E/2020 | 2020-03-08 | EPI_ISL_440190 | Original | hCoV-19 | England | Human | PHE South West Regional Laboratory | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Amato | United Kingdom

> Spike | hCoV-19 | USA | TX-HMH-MCO-9125/2020 | 2020-07-02 | EPI_ISL_780955 | Original | hCoV-19 | Texas | Human | Houston Methodist Hospital | Houston Methodist Hospital | Long | USA

> Spike | hCoV-19 | England | ALDP-B461F1/2020 | 2020-11-07 | EPI_ISL_656119 | Original | hCoV-19 | England | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> Spike | hCoV-19 | USA | MD-MDH-0270/2020 | 2020-10-13 | EPI_ISL_629051 | Original | hCoV-19 | Maryland | Human | Maryland Public Health Laboratory | Maryland Public Health Laboratory | Keller | USA

> Spike | hCoV-19 | Denmark | DCGC-13011/2020 | 2020-12-07 | EPI_ISL_712527 | Original | hCoV-19 | Syddanmark | Human | Department of Virus and Microbiological Special Diagnostics | Albertsen Lab | Michaelesen | Denmark

> Spike | hCoV-19 | England | CAMB-81C5E/2020 | 2020-04-11 | EPI_ISL_442579 | Original | hCoV-19 | England | Human | Department of Pathology | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Amato | United Kingdom

> Spike | hCoV-19 | DRC | 1326/2020 | 2020-04-07 | EPI_ISL_435116 | Original | hCoV-19 | Kinshasa | Human | Viral Respiratory Lab | Pathogen Sequencing Lab | Amuri | Democratic Republic of the Congo

> Spike | hCoV-19 | Sweden | 20-08842/2020 | 2020-04-09 | EPI_ISL_475156 | Original | hCoV-19 | Halland | Human | Halmstad klinisk mikrobiologi | The Public Health Agency of Sweden | Svartstr | u00f6f6m | Sweden

> Spike | hCoV-19 | USA | DE-DHSS-F918831/2020 | 2020-03-14 | EPI_ISL_574585 | Original | hCoV-19 | Delaware | Human | Delaware Public Health Lab | Delaware Public Health Lab | Bajwa | USA

> Spike | hCoV-19 | USA | WI-GMF-20122/2020 | 2020-09-14 | EPI_ISL_547851 | Original | hCoV-19 | Wisconsin | Human | Gundersen Molecular Diagnostics Laboratory | Kabara Cancer Research Institute | Kenny | USA
Spike|hCoV-19\(^{19}\)\(\text{Japan}\)/PG-1572/2020\|2020-04-00\|EPI\_ISL\_685178|Original|hCoV-19\(^{19}\)\(\text{Japan}\)/Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

Spike|hCoV-19\(^{19}\)\(\text{England}\)/MILK-B3D12A/2020\|2020-11-02\|EPI\_ISL\_706222|Original|hCoV-19\(^{19}\)\(\text{England}\)/Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

Spike|hCoV-19\(^{19}\)\(\text{England}\)/Netherlands/NB-EMC-267/2020\|2020-00-00\|EPI\_ISL\_523390|Original|hCoV-19\(^{19}\)\(\text{Noord Brabant}\)/Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands

Spike|hCoV-19\(^{19}\)\(\text{Wisconsin}\)/USA/WI-UK-1170/2020\|2020-08-08\|EPI\_ISL\_522926|Original|hCoV-19\(^{19}\)\(\text{South Korea}\)/Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

Spike|hCoV-19\(^{19}\)\(\text{England}\)/MILK-99E587/2020\|2020-08-31\|EPI\_ISL\_550753|Original|hCoV-19\(^{19}\)\(\text{England}\)/Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19\(^{19}\)\(\text{England}\)/MILK-9A565D/2020\|2020-09-03\|EPI\_ISL\_550256|Original|hCoV-19\(^{19}\)\(\text{England}\)/Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19\(^{19}\)\(\text{South Korea}\)/KDCA0374/2020\|2020-11-12\|EPI\_ISL\_760158|Original|hCoV-19\(^{19}\)\(\text{South Korea}\)/Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

Spike|hCoV-19\(^{19}\)\(\text{England}\)/CAMB-1A89ED/2020\|2020-04-21\|EPI\_ISL\_470146|Original|hCoV-19\(^{19}\)\(\text{England}\)/Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19\(^{19}\)\(\text{England}\)/MILK-9A565D/2020\|2020-09-03\|EPI\_ISL\_550256|Original|hCoV-19\(^{19}\)\(\text{England}\)/Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19\(^{19}\)\(\text{England}\)/ALDP-B465E6/2020\|2020-11-07\|EPI\_ISL\_656244|Original|hCoV-19\(^{19}\)\(\text{England}\)/Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19\(^{19}\)\(\text{Portugal}\)/PT0150/2020\|2020-03-21\|EPI\_ISL\_453866|Original|hCoV-19\(^{19}\)\(\text{Portugal}\)/Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

Spike|hCoV-19\(^{19}\)\(\text{Maryland}\)/USA/MD-HP00148/2020\|2020-03-24\|EPI\_ISL\_457778|Original|hCoV-19\(^{19}\)\(\text{Maryland}\)/Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Ramakrishnan|USA

Spike|hCoV-19\(^{19}\)\(\text{Australia}\)/USA/UT-UPHL-2009135/2020\|2020-05-28\|EPI\_ISL\_525130|Original|hCoV-19\(^{19}\)\(\text{Utah}\)/Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

Spike|hCoV-19\(^{19}\)\(\text{Australia}\)/Austria/VIC4912/2020\|2020-07-14\|EPI\_ISL\_519288|Original|hCoV-19\(^{19}\)\(\text{Victoria}\)/Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

Spike|hCoV-19\(^{19}\)\(\text{England}\)/GSS9-TX/HMH-358/2020\|2020-03-30\|EPI\_ISL\_560738|Original|hCoV-19\(^{19}\)\(\text{England}\)/Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Awan|United Kingdom

Spike|hCoV-19\(^{19}\)\(\text{Scotland}\)/EDB2886/2020\|2020-04-01\|EPI\_ISL\_487815|Original|hCoV-19\(^{19}\)\(\text{Scotland}\)/Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19\(^{19}\)\(\text{Texas}\)/USA/TX-HMH-358/2020\|2020-06-16\|EPI\_ISL\_543044|Original|hCoV-19\(^{19}\)\(\text{Texas}\)/Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19\(^{19}\)\(\text{Australia}\)/VIC12383/2020\|2020-07-28\|EPI\_ISL\_591973|Original|hCoV-19\(^{19}\)\(\text{Victoria}\)/Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/MILK-9A67E0/2020|2020-08-31|EPI_ISL_550058|Original|hCoV-19
>^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spika|hCoV-19/USA/CO-CSU-D1085-2/2020|2020-04-08|EPI_ISL_527437|Original|hCoV-19
>^Colorado|Human|Colorado State University - Ebel Lab|Colorado State University - Ebel Lab|Cline|USA

>Spika|hCoV-19/Japan/PG-7789/2020|2020-07-00|EPI_ISL_686891|Original|hCoV-19
>^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spika|hCoV-19/USA/WI-GMF-21571/2020|2020-09-21|EPI_ISL_660836|Original|hCoV-19
>^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spika|hCoV-19/England/QUEUH-961E28/2020|2020-08-01|EPI_ISL_536995|Original|hCoV-19
>^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spika|hCoV-19/USA/UT-UPHL-2008874/2020|2020-05-28|EPI_ISL_524988|Original|hCoV-19
>^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spika|hCoV-19/England/QUEUH-AF1976/2020|2020-10-30|EPI_ISL_666021|Original|hCoV-19
>^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust | North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust |COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spika|hCoV-19/Wales/PHWC-48979D/2020|2020-11-02|EPI_ISL_639616|Original|hCoV-19
>^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spika|hCoV-19/England/ALDP-B761BC/2020|2020-11-12|EPI_ISL_723743|Original|hCoV-19
>^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spika|hCoV-19/USA/WI-WU-968/2020|2020-07-03|EPI_ISL_509966|Original|hCoV-19
>^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spika|hCoV-19/England/ALDP-B46962/2020|2020-11-07|EPI_ISL_656251|Original|hCoV-19
>^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spika|hCoV-19/England/QUEUH-B2EEAAD/2020|2020-11-03|EPI_ISL_659938|Original|hCoV-19
>^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spika|hCoV-19/England/MILK-9C297F/2020|2020-09-07|EPI_ISL_566530|Original|hCoV-19
>^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spika|hCoV-19/England/QUEUH-AF7354/2020|2020-10-29|EPI_ISL_662821|Original|hCoV-19
>^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spika|hCoV-19/Wales/PHWC-48E051/2020|2020-11-09|EPI_ISL_680798|Original|hCoV-19
>^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spika|hCoV-19/England/ALDP-B761BC/2020|2020-11-12|EPI_ISL_723743|Original|hCoV-19
>^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spika|hCoV-19/USA/WI-WU-968/2020|2020-07-03|EPI_ISL_509966|Original|hCoV-19
>^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spika|hCoV-19/England/MILK-9A67E0/2020|2020-08-31|EPI_ISL_550058|Original|hCoV-19
>^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spika|hCoV-19/England/QUEUH-AF1976/2020|2020-10-30|EPI_ISL_666021|Original|hCoV-19
>^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust | North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust |COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spika|hCoV-19/Wales/PHWC-48979D/2020|2020-11-02|EPI_ISL_639616|Original|hCoV-19
>^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spika|hCoV-19/England/ALDP-B761BC/2020|2020-11-12|EPI_ISL_723743|Original|hCoV-19
>^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spika|hCoV-19/USA/WI-WU-968/2020|2020-07-03|EPI_ISL_509966|Original|hCoV-19
>^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spika|hCoV-19/England/MILK-9C297F/2020|2020-09-07|EPI_ISL_566530|Original|hCoV-19
>^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spika|hCoV-19/England/QUEUH-AF7354/2020|2020-10-29|EPI_ISL_662821|Original|hCoV-19
>^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spika|hCoV-19/Wales/PHWC-48E051/2020|2020-11-09|EPI_ISL_680798|Original|hCoV-19
>^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spika|hCoV-19/Australia/VIC3156/2020|2020-07-09|EPI_ISL_520862|Original|hCoV-19
>^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|Madison AIDS Vaccine Research Laboratories|Kabara Cancer Research Institute|Kenny|USA

>Spika|hCoV-19/USA/CA-CHLA-PLM48917501/2020|2020-12-01|EPI_ISL_753573|Original|hCoV-19
>^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA
>Spike|hCoV-19/USA-CA-CZB-15139/2020|2020-11-23|EPI_ISL_739382|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA
>spike|hCoV-19/England/QUEH-BCB72F/2020|2020-11-27|EPI_ISL_704663|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (CGO-UK) Consortium|Davies|United Kingdom
>spike|hCoV-19/USA/TX-HMH-MCoV-10200/2020|2020-07-07|EPI_ISL_789369|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>spike|hCoV-19/England/CAMC-C424DD/2020|2020-12-10|EPI_ISL_719218|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (CGO-UK) Consortium|Davies|United Kingdom
>spike|hCoV-19/Japan/PG-4227/2020|2020-07-00|EPI_ISL_692465|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan
>spike|hCoV-19/Australia/VIC7114/2020|2020-08-03|EPI_ISL_564239|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>spike|hCoV-19/Denmark/DCGC-10412/2020|2020-11-02|EPI_ISL_669953|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark
>spike|hCoV-19/Wales/PHWC-4A1A1E/2020|2020-12-11|EPI_ISL_743762|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (CGO-UK) Consortium|Moore|United Kingdom
>spike|hCoV-19/USA/WI-UW-1836/2020|2020-09-11|EPI_ISL_605708|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>spike|hCoV-19/USA/UT-UPHL-2012130742/2020|2020-08-09|EPI_ISL_745622|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA
>spike|hCoV-19/England/SHEF-C9FAC/2020|2020-05-28|EPI_ISL_535069|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (CGO-UK) Consortium|de Silva|United Kingdom
>spike|hCoV-19/England/ALDP-CBB6E1/2020|2020-12-17|EPI_ISL_756563|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (CGO-UK) Consortium|Davies|United Kingdom
>spike|hCoV-19/England/QUEUH-B42210/2020|2020-11-08|EPI_ISL_657250|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (CGO-UK) Consortium|Davies|United Kingdom
>spike|hCoV-19/USA/FL-BPHL-2088/2020|2020-07-16|EPI_ISL_653241|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>spike|hCoV-19/England/ALDP-94DAC4/2020|2020-06-17|EPI_ISL_555253|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (CGO-UK) consortium|Davies|United Kingdom
>spike|hCoV-19/USA/VA-CDC-8586/2020|2020-05-19|EPI_ISL_648122|Original|hCoV-19^^Virginia|Human|VA-Division of Consolidated Laboratory Services|Pathogen Discovery|Queen|USA
>spike|hCoV-19/Denmark/DCGC-17274/2020|2020-12-14|EPI_ISL_750871|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark
>spike|hCoV-19/USA/CA-CZB-13994/2020|2020-06-14|EPI_ISL_738686|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA
>spike|hCoV-19/England/MILK-B94ACC/2020|2020-11-13|EPI_ISL_676096|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (CGO-UK) Consortium|Davies|United Kingdom
>spike|hCoV-19/Denmark/DCGC-4776/2020|2020-09-21|EPI_ISL_621386|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelisen|Denmark
>Spike|hCoV-19/South Korea/KCDC2072/2020|2020-02-20|EPI_ISL_497973|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spik|hCoV-19/Luxembourg/LNS4830703/2020|2020-03-18|EPI_ISL_429748|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Wienecke-Baldacchino|Luxembourg

>Spik|hCoV-19/Wales/PHW4C-58D5C/2020|2020-11-15|EPI_ISL_680649|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spik|hCoV-19/USA/TX-HMH-MCoV-14297/2020|2020-10-05|EPI_ISL_787582|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spik|hCoV-19/England/ALDP-94469C/2020|2020-06-07|EPI_ISL_554686|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19/England/QUEH-A1E20F/2020|2020-10-01|EPI_ISL_587507|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19/Netherlands/NA_453/2020|2020-03-30|EPI_ISL_455255|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spik|hCoV-19/Japan/PG-5847/2020|2020-08-06|EPI_ISL_688964|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spik|hCoV-19/Denmark/DGCC-9631/2020|2020-11-09|EPI_ISL_668731|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelensen|Denmark

>Spik|hCoV-19/India/MH-NIV-22552/2020|2020-05-07|EPI_ISL_479519|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spik|hCoV-19/Australia/VIC4353/2020|2020-07-14|EPI_ISL_519649|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spik|hCoV-19/Australia/VIC798/2020|2020-04-01|EPI_ISL_427072|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spik|hCoV-19/India/OR-RMRC104/2020|2020-05-06|EPI_ISL_455750|Original|hCoV-19^^Odisha|Human|REGIONAL VRDL, ICMR-RMRC BBSR|Immunogenomics lab|RagHAV|India

>Spik|hCoV-19/Wales/PHW4-4A63A5/2020|2020-12-16|EPI_ISL_765031|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spik|hCoV-19/Finland/4A650S1/2020|2020-04-04|EPI_ISL_481670|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spik|hCoV-19/USA/WI-GMF-01159/2020|2020-04-16|EPI_ISL_429847|Original|hCoV-19^^Tosa|Human|Gundersen Molecular Diagnostics Laboratory|Kabar Cancer Research Institute|Kenny|USA

>Spik|hCoV-19/England/CAMB-1BC372/2020|2020-11-26|EPI_ISL_723866|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spik|hCoV-19/USA/WI-UW-2508/2020|2020-12-30|EPI_ISL_779340|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spik|hCoV-19/England/NORT-29347D/2020|2020-06-21|EPI_ISL_499510|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spik|hCoV-19/England/ALDP-B5B241/2020|2020-11-08|EPI_ISL_655566|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Singapore/569/2020|2020-05-29|EPI_ISL_483592|Original|hCoV-19^\^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/MN-MDH-1978/2020|2020-10-25|EPI_ISL_634852|Original|hCoV-19^\^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/England/ALDP-B493DA/2020|2020-11-07|EPI_ISL_649419|Original|hCoV-19^\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-BAIF45/2020|2020-11-18|EPI_ISL_672814|Original|hCoV-19^\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1ADE55/2020|2020-04-26|EPI_ISL_459496|Original|hCoV-19^\^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-957F6E/2020|2020-06-09|EPI_ISL_554693|Original|hCoV-19^\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VI-UW-1718/2020|2020-09-11|EPI_ISL_605591|Original|hCoV-19^\^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/New Zealand/20VR2538/2020|2020-00-00|EPI_ISL_579283|Original|hCoV-19^\^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Brazil/MG-0287/2020|2020-04-15|EPI_ISL_470592|Original|hCoV-19^\^Minas Gerais|Human|Simile|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/USA/MA-MASPHL-00591/2020|2020-05-08|EPI_ISL_693018|Original|hCoV-19^\^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/England/MILK-C8ECCE/2020|2020-12-08|EPI_ISL_777039|Original|hCoV-19^\^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB0D0D/2020|2020-11-18|EPI_ISL_720329|Original|hCoV-19^\^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0893/2020|2020-04-02|EPI_ISL_517783|Original|hCoV-19^\^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-B1A0F9/2020|2020-11-02|EPI_ISL_645631|Original|hCoV-19^\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-295AE2/2020|2020-04-03|EPI_ISL_478650|Original|hCoV-19^\^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust / COVID-19 Genomics UK (COG-UK) Consortium|Bashford|United Kingdom

>Spike|hCoV-19/Japan/PG-3092/2020|2020-04-00|EPI_ISL_691214|Original|hCoV-19^\^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-11446/2020|2020-09-08|EPI_ISL_790022|Original|hCoV-19^\^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-6471E6/2020|2020-07-04|EPI_ISL_558045|Original|hCoV-19^\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CCMB OM14/2020|2020-05-15|EPI_ISL_495280|Original|hCoV-19^\^Telangana|Human|Osmania Medical College|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/England/ALDP-52B398/2020|2020-06-01|EPI_ISL_558912|Original|hCoV-19^\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
/ North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust COVID-19 Genomics UK (COG-UK) Consortium / Bashton / United Kingdom

&Spike&hCoV-19/Canada/ON-UHFTA_0117/2020 / 2020-05-20 / EPI_ISL_526265 / Original / hCoV-19/♥Ontario / Human / Unity Health Toronto / Ontario Institute for Cancer Research / de Borja / Canada

&Spike&hCoV-19/France/OCC-2/2020 / 2020-03-00 / EPI_ISL_434617 / Original / hCoV-19/♥Occitanie / Human / CHU Purpan - Laboratoire de Virologie - Institut F/\u00e9ratif de Biologie / Laboratoire de virologie - \u00c9cole Nationale V/u00e9rinaire de Toulouse / Croville / France

&Spike&hCoV-19/Australia/VIC14564/2020 / 2020-08-08 / EPI_ISL_592895 / Original / hCoV-19/♥Victoria / Human / Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) / MDU-PHL / Schultz / Australia

&Spike&hCoV-19/England/CAMC-BC0089/2020 / 2020-11-22 / EPI_ISL_704821 / Original / hCoV-19/♥England / Human / Lighthouse Lab in Cambridge / Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium / Davies / United Kingdom

&Spike&hCoV-19/Australia/VIC14564/2020 / 2020-04-04 / EPI_ISL_450184 / Original / hCoV-19/♥Louisiana / Human / Robert Garry lab / Andersen lab at Scripps Research / Gangavarapu / USA

&Spike&hCoV-19/USA/TX-HMH-1953/2020 / 2020-05-18 / EPI_ISL_542919 / Original / hCoV-19/♥Texas / Human / Houston Methodist Hospital / Houston Methodist Hospital / Long / USA

&Spike&hCoV-19/Wales/PHWC-4808EE/2020 / 2020-10-16 / EPI_ISL_612947 / Original / hCoV-19/♥Wales / Human / Wales Specialist Virology Centre Sequencing lab / COVID-19 Genomics UK (COG-UK) Consortium / Moore / United Kingdom

&Spike&hCoV-19/England/CAMB-7559E/2020 / 2020-03-13 / EPI_ISL_425407 / Original / hCoV-19/♥England / Human / Department of Pathology / COVID-19 Genomics UK (COG-UK) Consortium / Meredith / United Kingdom

&Spike&hCoV-19/Singapore/1121/2020 / 2020-10-25 / EPI_ISL_626632 / Original / hCoV-19/♥Singapore / Human / National Public Health Laboratory / National Public Health Laboratory / Mak / Singapore

&Spike&hCoV-19/Sweden/20-08684/2020 / 2020-03-27 / EPI_ISL_429131 / Original / hCoV-19/♥Norrbotten / Human / Laboratoriemedicin / The Public Health Agency of Sweden / Svarstr\u00e6 /\u00e6 Sweden

&Spike&hCoV-19/Switzerland/BS-42206315/2020 / 2020-03-25 / EPI_ISL_581786 / Original / hCoV-19/♥Basel-Stadt / Human / University Hospital Basel / University Hospital Basel / Roloff Handschin / Switzerland

&Spike&hCoV-19/Scotland/QEUH-998D58/2020 / 2020-08-26 / EPI_ISL_568347 / Original / hCoV-19/♥Scotland / Human / Lighthouse Lab in Glasgow / Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium / Davies / United Kingdom

&Spike&hCoV-19/Scotland/QEUH-BF0C7D/2020 / 2020-12-02 / EPI_ISL_705792 / Original / hCoV-19/♥Scotland / Human / Virology Department / COVID-19 Genomics UK (COG-UK) Consortium / McHugh / United Kingdom

&Spike&hCoV-19/England/QEUH-BF0C7D/2020 / 2020-12-05 / EPI_ISL_709144 / Original / hCoV-19/♥England / Human / Lighthouse Lab in Glasgow / Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium / Davies / United Kingdom

&Spike&hCoV-19/England/QEUH-548298/2020 / 2020-05-14 / EPI_ISL_533384 / Original / hCoV-19/♥England / Human / Lighthouse Lab in Glasgow / Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium / Davies / United Kingdom

&Spike&hCoV-19/Wales/MILK-9D3F6A/2020 / 2020-09-18 / EPI_ISL_601509 / Original / hCoV-19/♥Wales / Human / Lighthouse Lab in Milton Keynes / Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium / Davies / United Kingdom

&Spike&hCoV-19/Wales/MILK-9D3F6A/2020 / 2020-05-14 / EPI_ISL_533384 / Original / hCoV-19/♥Wales / Human / Lighthouse Lab in Milton Keynes / Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium / Davies / United Kingdom

&Spike&hCoV-19/Spain/AR-IBV-2401/2020 / 2020-03-28 / EPI_ISL_468827 / Original / hCoV-19/♥Aragon / Human / Servicio de Microbiolog\u00eda / SeqCOVID-SPAIN consortium / IBV (CSIC) / Comas / Spain
> Spike|hCoV-19|Wales/PHWC-16CD91/2020|2020-09-24|EPI_ISL_574165|Original|hCoV-19^Wales/Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19|England/NORW-EDA38/2020|2020-00-00|EPI_ISL_490512|Original|hCoV-19^England/Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alkhan|United Kingdom
> Spike|hCoV-19|Australia/VIC17429/2020|2020-08-18|EPI_ISL_663883|Original|hCoV-19^Victoria/Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19|USA/OR-OHSU-2307/2020|2020-08-10|EPI_ISL_667178|Original|hCoV-19^Oregon/Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA
> Spike|hCoV-19|Denmark/DGCC-1081/2020|2020-05-11|EPI_ISL_614506|Original|hCoV-19^Hovedstaden/Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelson|Denmark
> Spike|hCoV-19|England/ALDP-9BDEE1/2020|2020-09-10|EPI_ISL_568214|Original|hCoV-19^England/Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Australia/VIC10781/2020|2020-11-20|EPI_ISL_784018|Original|hCoV-19^Victoria/Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19|Japan/PG-7341/2020|2020-08-00|EPI_ISL_688444|Original|hCoV-19^Japan/Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
> Spike|hCoV-19|Japan/PG-7036/2020|2020-08-00|EPI_ISL_688141|Original|hCoV-19^Japan/Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
> Spike|hCoV-19|USA/TX-HMH-MCoV-19659/2020|2020-11-20|EPI_ISL_784018|Original|hCoV-19^Texas/Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19|Netherlands/OV-RIVM-20747/2020|2020-12-13|EPI_ISL_790812|Original|hCoV-19^Overijssel/Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
> Spike|hCoV-19|USA/CA-ALSR-3539/2020|2020-06-02|EPI_ISL_636075|Original|hCoV-19^California/Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
> Spike|hCoV-19|USA/CA-ZIB-1170/2020|2020-04-29|EPI_ISL_454623|Original|hCoV-19^California/Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Hao|USA
> Spike|hCoV-19|USA/ME-HETL-J0368/2020|2020-12-09|EPI_ISL_755490|Original|hCoV-19^Maine/Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA
> Spike|hCoV-19|Guangzhou/GZMU0016/2020|2020-02-25|EPI_ISL_414663|Original|hCoV-19^Guangdong/Human|State Key Laboratory of Respiratory Disease|The First Affiliated Hospital of Guangzhou Medical University & BGI-Shenzhen|Cai|China
> Spike|hCoV-19|Portugal/PT1485/2020|2020-03-17|EPI_ISL_511444|Original|hCoV-19^Portugal/Human|Instituto Nacional de Saude (INS)|Instituto Nacional de Saude (INS)|Borges|Portugal
> Spike|hCoV-19|Denmark/DCGC-8987/2020|2020-10-26|EPI_ISL_626184|Original|hCoV-19^Hovedstaden/Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelson|Denmark
> Spike|hCoV-19|England/20132023204/2020|2020-03-23|EPI_ISL_423749|Original|hCoV-19^England/Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
> Spike|hCoV-19|England/MILK-C3050C/2020|2020-12-07|EPI_ISL_733757|Original|hCoV-19^England/Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|Singapore/1048/2020|2020-03-24|EPI_ISL_574533|Original|hCoV-19^Singapore/Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
> Spike|hCoV-19|USA/AZ-TG666151/2020|2020-05-01|EPI_ISL_696232|Original|hCoV-19^Arizona/Human|Sonora Quest Laboratories|TGen North|French|USA
>Spike|hCoV-19/England/ALDP-A2FC49/2020|2020-10-05|EPI_ISL_587170|Original|hCoV- 19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/GA-HEC-415A/2020|2020-11-16|EPI_ISL_754771|Original|hCoV- 19^^Georgia|Human|Emory Molecular Diagnostics Laboratory|Piantadosi Lab|Piantadosi|USA

>Spike|hCoV-19/Japan/PG-4503/2020|2020-07-09|EPI_ISL_692726|Original|hCoV- 19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Syekizuka|Japan

>Spike|hCoV-19/England/QEUH-960CD4/2020|2020-08-02|EPI_ISL_532136|Original|hCoV- 19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMM-MCoV-18292/2020|2020-11-11|EPI_ISL_784640|Original|hCoV- 19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-48AF85/2020|2020-11-03|EPI_ISL_666179|Original|hCoV- 19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13702/2020|2020-11-04|EPI_ISL_739321|Original|hCoV- 19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/QEUH-A1E2F0/2020|2020-09-29|EPI_ISL_587475|Original|hCoV- 19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DGCC-11948/2020|2020-10-12|EPI_ISL_671229|Original|hCoV- 19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albernsen Lab|Michaelis|Denmark

>Spike|hCoV-19/Germany/BE-ChVir-D2019-4498/2020|2020-10- 19|EPI_ISL_754194|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/USA/TX-HMMH035/2020|2020-03-09|EPI_ISL_434744|Original|hCoV- 19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC12075/2020|2020-07-23|EPI_ISL_641242|Original|hCoV- 19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMM-MCoV-13923/2020|2020-08-16|EPI_ISL_787215|Original|hCoV- 19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-903356/2020|2020-06-24|EPI_ISL_552906|Original|hCoV- 19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B09E87/2020|2020-10-29|EPI_ISL_673025|Original|hCoV- 19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21461/2020|2020-04-08|EPI_ISL_507715|Original|hCoV- 19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Denmark/DCGC-22533/2020|2020-12-14|EPI_ISL_757621|Original|hCoV- 19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albernsen Lab|Michaelis|Denmark

>Spike|hCoV-19/USA/UT-04267/2020|2020-05-15|EPI_ISL_522337|Original|hCoV- 19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/South Africa/NHL5-UCT-GS-1349/2020|2020-11- 06|EPI_ISL_700531|Original|hCoV-19^^Western Cape|Human|Knysna CDC wc WLC|NHL5-UCT|Iranzadeh|South Africa

>Spike|hCoV-19/Hungary/SRC-00278w/2020|2020-03-25|EPI_ISL_435427|Original|hCoV- 19^^Oroszaha|Human|Virolological Research Group|Bioinformatics Research Group|Herczeg|Hungary

>Spike|hCoV-19/Wales/MILK-9A8E43/2020|2020-08-30|EPI_ISL_551263|Original|hCoV- 19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-BB04F9/2020|2020-11-17|EPI_ISL_720322|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/United Arab Emirates/1087/2020|2020-05-16|EPI_ISL_698161|Original|hCoV-19^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
Spike|hCoV-19/Wales/PHWC-49A061/2020|2020-11-30|EPI_ISL_727486|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/USA/MD-HP12042/2020|2020-11-11|EPI_ISL_791375|Original|hCoV-19^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morris|USA
Spike|hCoV-19/Scotland/QEUH-9DDB80B/2020|2020-09-21|EPI_ISL_599537|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/MN58-MDH58/2020|2020-03-14|EPI_ISL_417502|Original|hCoV-19^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Wang|USA
Spike|hCoV-19/England/CAMC-B21860/2020|2020-11-01|EPI_ISL_647436|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/USA/MI-MDHHS-SC21345/2020|2020-04-03|EPI_ISL_507599|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
Spike|hCoV-19/USA/WY-WPHL-20172662/2020|2020-12-31|EPI_ISL_770476|Original|hCoV-19^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA
Spike|hCoV-19/Australia/VIC3829/2020|2020-07-08|EPI_ISL_520542|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19/England/205260462/2020|2020-12-21|EPI_ISL_754318|Original|hCoV-19^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
Spike|hCoV-19/Australia/VIC15914/2020|2020-07-31|EPI_ISL_640392|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19/England/ALDP-A87571/2020|2020-10-17|EPI_ISL_605975|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/BIRM-5E838/2020|2020-03-24|EPI_ISL_444306|Original|hCoV-19^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom
Spike|hCoV-19/USA/TX-DSHS-1001/2020|2020-07-03|EPI_ISL_613979|Original|hCoV-19^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
Spike|hCoV-19/USA/WA-S1794/2020|2020-06-02|EPI_ISL_496220|Original|hCoV-19^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
Spike|hCoV-19/Sweden/20-52116/2020|2020-05-14|EPI_ISL_615095|Original|hCoV-19^Vasterbotten|Human|Umea klinisk mikrobiologi|The Public Health Agency of Sweden|Svarstr|\00f6fm|Sweden
Spike|hCoV-19/England/MILK-BB1F24/2020|2020-11-18|EPI_ISL_720139|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/Canada/BC-BCCDC-6458/2020|2020-10-00|EPI_ISL_740606|Original|hCoV-19^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada
Spike|hCoV-19/Netherlands/NoordBrabant_59/2020|2020-03-11|EPI_ISL_415515|Original|hCoV-19^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/England/MILK-BDC70D/2020|2020-11-27|EPI_ISL_709585|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium[Davies]United Kingdom
>Spire|hCoV-19/England/204691942/2020|2020-11-14|EPI_ISL_693450|Original|hCoV-19
>England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium[Davies]United Kingdom
>Spire|hCoV-19/USA/TX-HMH-2811/2020|2020-06-08|EPI_ISL_545573|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital[Long]USA
>Spire|hCoV-19/Denmark/DCGC-13925/2020|2020-11-30|EPI_ISL_711456|Original|hCoV-19
>Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics[Albertsen Lab]Denmark
>Spire|hCoV-19/Scotland/CVR2114/2020|2020-04-10|EPI_ISL_490665|Original|hCoV-19
>Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium[Robertson]United Kingdom
>Spire|hCoV-19/England/QEUH-B31180/2020|2020-11-04|EPI_ISL_646329|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium[Moore]United Kingdom
>Spire|hCoV-19/Australia/VIC283/2020|2020-03-22|EPI_ISL_419974|Original|hCoV-19
>Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory[Schultz]Australia
>Spire|hCoV-19/Wales/PHWC-2D39B/2020|2020-04-04|EPI_ISL_494371|Original|hCoV-19
>Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium[Moore]United Kingdom
>Spire|hCoV-19/USA/TX-HMH-655/2020|2020-04-13|EPI_ISL_546075|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital[Long]USA
>Spire|hCoV-19/Switzerland/27|EPI_ISL_737562|Original|hCoV-19
>Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering[Nadeau]Switzerland
>Spire|hCoV-19/USA/NY-PV09436/2020|2020-03-10|EPI_ISL_450113|Original|hCoV-19
>New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program[van Bakel]USA
>Spire|hCoV-19/Wales/PHWC-48BBAE/2020|2020-11-05|EPI_ISL_665455|Original|hCoV-19
>Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium[Moore]United Kingdom
>Spire|hCoV-19/England/CAMC-B99441/2020|2020-11-15|EPI_ISL_673459|Original|hCoV-19
>England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium[Davies]United Kingdom
>Spire|hCoV-19/Denmark/DCGC-21074/2020|2020-12-21|EPI_ISL_758934|Original|hCoV-19
>Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics[Albertsen Lab]Denmark
>Spire|hCoV-19/England/CAMC-BFBC54/2020|2020-12-04|EPI_ISL_709233|Original|hCoV-19
>England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium[Davies]United Kingdom
>Spire|hCoV-19/USA/WA-S2249/2020|2020-06-09|EPI_ISL_497677|Original|hCoV-19
>Washington|Human|Washington State Department of Health|Seattle Flu Study[Lee]USA
>Spire|hCoV-19/Brazil/SP-L16-CD385/2020|2020-04-02|EPI_ISL_476294|Original|hCoV-19
>S\u00e3o Paulo|Human|DB Diagn\u00f3sticos do Brasil|Instituto de Medicina Tropical da Universidade de S\u00e3o Paulo[Sabino]Brazil
>Spire|hCoV-19/Denmark/DCGC-21337/2020|2020-12-21|EPI_ISL_759687|Original|hCoV-19
>Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics[Albertsen Lab]Denmark
>Spire|hCoV-19/Denmark/DCGC-12909/2020|2020-12-07|EPI_ISL_712455|Original|hCoV-19
>Hvedestaden|Human|Department of Virus and Microbiological Special Diagnostics[Albertsen Lab]Denmark
>Spire|hCoV-19/Wales/PHWC-26435/2020|2020-03-27|EPI_ISL_422334|Original|hCoV-19
>Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff[Moore]United Kingdom
>Spike|hCoV-19|Denmark/DCGC-8048/2020|2020-10-26|EPI_ISL_617084|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albersen lab|Michaelsen|Denmark

>Spik|hCoV-19/USA/HI-HZ00575/2020|2020-09-24|EPI_ISL_753102|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spik|hCoV-19/England/MILK-A6CO71/2020|2020-10-11|EPI_ISL_609017|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19/England/QEUH-BCB482/2020|2020-11-26|EPI_ISL_703959|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19/USA/NY-NYUMC232/2020|2020-04-06|EPI_ISL_427632|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spik|hCoV-19/Germany/BE-ChVirus006/2020|2020-03-22|EPI_ISL_729602|Original|hCoV-19^^England|Human|Chariti u00e4o Paulo|Instituto Adolfo Lutz|Sacchi|Brazil

>Spik|hCoV-19/Austria/CeMM0206/2020|2020-03-15|EPI_ISL_438045|Original|hCoV-19^^Austria|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spik|hCoV-19/South Korea/KCDC2336/2020|2020-05-27|EPI_ISL_510672|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spik|hCoV-19/USA/CA-CHLA-PLM39530822/2020|2020-11-18|EPI_ISL_753407|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spik|hCoV-19/Wales/PHWC-165D89/2020|2020-06-20|EPI_ISL_490798|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spik|hCoV-19/USA/CA-CZB-14891/2020|2020-11-25|EPI_ISL_738840|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spik|hCoV-19/England/CMAC-AEA8CE/2020|2020-10-26|EPI_ISL_633252|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19/England/CMAC-B224A7/2020|2020-11-03|EPI_ISL_647268|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19/Brazil/SP-772/2020|2020-07-01|EPI_ISL_735420|Original|hCoV-19^^\u00e5\u00e5\u00e3o Paulo|Human|UBS Riiacho Grande|Instituto Adolfo Lutz|Sacchi|Brazil

>Spik|hCoV-19/England/ALDP-B23E11/2020|2020-11-04|EPI_ISL_646431|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19/England/QEUH-B7F6B4/2020|2020-11-14|EPI_ISL_668291|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19/England/CMAC-A41898/2020|2020-10-06|EPI_ISL_609441|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19/Japan/PG-8751/2020|2020-09-20|EPI_ISL_686347|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spik|hCoV-19/USA/CO-CDPHE-2009170151/2020|2020-09-16|EPI_ISL_677655|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Department of Puplic Health and Environment|Bankers|USA
>Spike|hCoV-19/England/QEUH-BCCEED/2020|2020-11-26|EPI_ISL_704519|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spik|hCoV-19/USA/FL-BPHL-0310/2020|2020-06-01|EPI_ISL_489719|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spik|hCoV-19/United Arab Emirates/L0879/2020|2020-03-16|EPI_ISL_435124|Original|hCoV-19^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramswamy|United Arab Emirates

>Spik|hCoV-19/Wales/PHWC-16DF03/2020|2020-09-28|EPI_ISL_585640|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spik|hCoV-19/USA/TX-HMHCov-14444/2020|2020-10-07|EPI_ISL_787729|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spik|hCoV-19/England/QEUH-B7ED92/2020|2020-11-14|EPI_ISL_667816|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spik|hCoV-19/France/PAC-MEPHI-1724/2020|2020-09-17|EPI_ISL_644433|Original|hCoV-19^Provence-Alpes-Cote-d'Azur|Human|MEPHI|MEPHI|Lavassep|France

>Spik|hCoV-19/USA/TX-HMHCov-14431/2020|2020-11-30|EPI_ISL_783837|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spik|hCoV-19/Denmark/DGCC-20394/2020|2020-12-21|EPI_ISL_759122|Original|hCoV-19^Hovedstadten|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelson|Denmark

>Spik|hCoV-19/England/LOND-D5E82/2020|2020-04-19|EPI_ISL_444253|Original|hCoV-19^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spik|hCoV-19/Scotland/EDB8614/2020|2020-10-22|EPI_ISL_651980|Original|hCoV-19^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spik|hCoV-19/England/ALDP-AC5E21/2020|2020-10-14|EPI_ISL_631250|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19/Switzerland/BE-ETHZ-310460/2020|2020-10-07|EPI_ISL_603532|Original|hCoV-19^Bern|Human|Volier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spik|hCoV-19/Costa Rica/INC-0180/2020|2020-11-17|EPI_ISL_770026|Original|hCoV-19^Cartago|Human|Area De Salud Catedral Noreste|Inciensa|Soto-Garita|Costa Rica

>Spik|hCoV-19/Switzerland/TT-ETHZ-100170/2020|2020-03-16|EPI_ISL_574958|Original|hCoV-19^Ticino|Human|Volier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spik|hCoV-19/England/QEUH-C33387/2020|2020-12-11|EPI_ISL_734077|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spik|hCoV-19/Norway/2877/2020|2020-07-11|EPI_ISL_500796|Original|hCoV-19^Norway|Human|Akershus University Hospital|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spik|hCoV-19/Scotland/CVR5268/2020|2020-10-25|EPI_ISL_651494|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spik|hCoV-19/USA/TX-HMHCov-18434/2020|2020-11-20|EPI_ISL_784782|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spik|hCoV-19/England/QEUH-9F90/2020|2020-09-25|EPI_ISL_588873|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19/Finland/26LS3CA11/2020|2020-10-26|EPI_ISL_759933|Original|hCoV-19^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland
hCoV-19/England/NORW-FA35B/2020|2020-12-03|EPI_ISL_725497|Original|hCoV-19\^\$\^\$England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
hCoV-19\^\$\^\$USA/CA-CZB-14287/2020|2020-08-24|EPI_ISL_738609|Original|hCoV-19\^\$\^\$California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA
hCoV-19\^\$\^\$Australia/VIC14698/2020|2020-07-30|EPI_ISL_592957|Original|hCoV-19\^\$\^\$Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
hCoV-19\^\$\^\$Switzerland/ZH-ETHZ-240060/2020|2020-08-12|EPI_ISL_523900|Original|hCoV-19\^\$\^\$Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
hCoV-19\^\$\^\$England/LIVE-5841/2020|2020-03-19|EPI_ISL_499640|Original|hCoV-19\^\$\^\$England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
hCoV-19\^\$\^\$South Africa/KRISP-K002443/2020|2020-07-29|EPI_ISL_515799|Original|hCoV-19\^\$\^\$KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
hCoV-19\^\$\^\$Norway/3735/2020|2020-09-09|EPI_ISL_635109|Original|hCoV-19\^\$\^\$Oslo|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Vollan|Norway
hCoV-19\^\$\^\$USA/FL-BPHL-1366/2020|2020-07-20|EPI_ISL_541303|Original|hCoV-19\^\$\^\$Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|United States
hCoV-19\^\$\^\$England/QEUH-9DD337/2020|2020-09-21|EPI_ISL_580975|Original|hCoV-19\^\$\^\$England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
hCoV-19\^\$\^\$England/2014004802/2020|2020-03-02|EPI_ISL_417225|Original|hCoV-19\^\$\^\$England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
hCoV-19\^\$\^\$Australia/VIC1394/2020|2020-04-15|EPI_ISL_561893|Original|hCoV-19\^\$\^\$Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
hCoV-19\^\$\^\$England/MILK-9E10B1/2020|2020-09-20|EPI_ISL_581023|Original|hCoV-19\^\$\^\$England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
hCoV-19\^\$\^\$England/NOTT-110813/2020|2020-04-28|EPI_ISL_441863|Original|hCoV-19\^\$\^\$England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
hCoV-19\^\$\^\$England/204200600/2020|2020-10-09|EPI_ISL_609884|Original|hCoV-19\^\$\^\$England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
hCoV-19\^\$\^\$England/QEUH-A01C10/2020|2020-10-02|EPI_ISL_595829|Original|hCoV-19\^\$\^\$England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
hCoV-19\^\$\^\$Japan/PG-0671/2020|2020-04-00|EPI_ISL_684281|Original|hCoV-19\^\$\^\$Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan
hCoV-19\^\$\^\$United Arab Emirates/0156/2020|2020-05-18|EPI_ISL_698343|Original|hCoV-19\^\$\^\$Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
hCoV-19\^\$\^\$Wales/PHWC-492A2F/2020|2020-11-29|EPI_ISL_725748|Original|hCoV-19\^\$\^\$Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
hCoV-19\^\$\^\$USA/MI-UM-10036799140/2020|2020-11-05|EPI_ISL_707831|Original|hCoV-19\^\$\^\$Michigan|Human|University of Michigan Clinical MicroBiology Laboratory|Lauring Lab|Valesano|USA
hCoV-19\^\$\^\$Japan/PG-8435/2020|2020-09-00|EPI_ISL_687534|Original|hCoV-19\^\$\^\$Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan
hCoV-19\^\$\^\$Englan|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Bangladesh/BCSIR-NILMRC-167/2020|2020-06-18|EPI_ISL_498228|Original|hCoV-19|Rajshahi|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spiegel|hCoV-19|England/ALDP-A6897A/2020|2020-10-12|EPI_ISL_609080|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spiegel|hCoV-19|England/QEUIH-B4E14DA/2020|2020-11-30|EPI_ISL_709800|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spiegel|hCoV-19|England/ALDP-95A4F3/2020|2020-06-12|EPI_ISL_553415|Original|hCoV-19|Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spiegel|hCoV-19|England/DGCC-7370/2020|2020-10-12|EPI_ISL_619291|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spiegel|hCoV-19|England/LIVE-D9DF3/2020|2020-11-05|EPI_ISL_664730|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spiegel|hCoV-19|England/MILK-9C38BD/2020|2020-09-10|EPI_ISL_566733|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spiegel|hCoV-19|England/QEUIH-B414B1/2020|2020-11-08|EPI_ISL_658488|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spiegel|hCoV-19|Australia/VIC14367/2020|2020-09-19|EPI_ISL_592469|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spiegel|hCoV-19|Belgium/ULG-10967/2020|2020-09-08|EPI_ISL_708453|Original|hCoV-19|Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spiegel|hCoV-19|England/NORT-29CD2E/2020|2020-05-01|EPI_ISL_499791|Original|hCoV-19|England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spiegel|hCoV-19|USA/CA-QDX-444/2020|2020-03-22|EPI_ISL_571166|Original|hCoV-19|California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spiegel|hCoV-19|South Africa/KRISP-K002265/2020|2020-07-20|EPI_ISL_515648|Original|hCoV-19|KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spiegel|hCoV-19|Japan/PG-0927/2020|2020-04-00|EPI_ISL_684537|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spiegel|hCoV-19|Denmark/DGCC-6884/2020|2020-10-12|EPI_ISL_619729|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spiegel|hCoV-19|USA/UT-08570/2020|2020-05-18|EPI_ISL_524327|Original|hCoV-19|Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spiegel|hCoV-19|England/ALDP-6BC7DB/2020|2020-07-02|EPI_ISL_557759|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/CAMC-BD4608/2020|2020-11-27|EPI_ISL_702030|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|England/SHEF-C0549/2020|2020-03-26|EPI_ISL_420249|Original|hCoV-19|England|Human|Virology Department|Department of Infection|de Silva|United Kingdom
Spike|hCoV-19|USA/WA-UW-1778/2020|2020-03-22|EPI_ISL_424258|Original|hCoV-19|Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
Spike|hCoV-19|Netherlands/ZH-EMC-438/2020-08-12|EPI_ISL_523776|Original|hCoV-19|Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
Spike|hCoV-19|England/NOTT-112107/2020|2020-06-20|EPI_ISL_484342|Original|hCoV-19|England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
Spike|hCoV-19|mink/Netherlands/NB-EMC-62-2/2020|2020-10-05|EPI_ISL_632434|Original|hCoV-19|Noord Brabant|Neovision vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
Spike|hCoV-19|Wales/PHWC-2CA00/2020|2020-04-01|EPI_ISL_445934|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
Spike|hCoV-19|USA/TX-HMH-7211/2020|2020-06-29|EPI_ISL_546601|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|USA/TX-DSHS-0527/2020|2020-06-23|EPI_ISL_560699|Original|hCoV-19|Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
Spike|hCoV-19|USA/MN-MDH-300/2020|2020-03-30|EPI_ISL_450767|Original|hCoV-19|Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA
Spike|hCoV-19|England/LOND-12505FE/2020|2020-10-24|EPI_ISL_665221|Original|hCoV-19|England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|Australia/VIC10354/2020|2020-07-30|EPI_ISL_562885|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|Schultz|Australia
Spike|hCoV-19|Japan/PG-6404/2020|2020-08-00|EPI_ISL_689510|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19|England/QEUH-B1011E/2020|2020-11-02|EPI_ISL_642742|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|England/NORW-222507/2020|2020-12-20|EPI_ISL_741498|Original|hCoV-19|England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|England/CAMC-A3F1CF/2020|2020-10-05|EPI_ISL_609590|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Canada/QC-LSPQ-L00234853/2020|2020-03-24|EPI_ISL_536072|Original|hCoV-19|Quebec|Human|HU\ux00efpital de Saint-Eustache|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada
Spike|hCoV-19|USA/CA-CZB-12297/2020|2020-10-07|EPI_ISL_648389|Original|hCoV-19|California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA
Spike|hCoV-19|Denmark/DCGC-21691/2020|2020-12-21|EPI_ISL_758312|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
Spike|hCoV-19|USA/HI-H200657/2020|2020-12-01|EPI_ISL_753180|Original|hCoV-19|Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA
Spike|hCoV-19|England/CAMC-B5465B/2020|2020-11-08|EPI_ISL_658278|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Division|Wisconsin State Laboratory of Hygiene Communicable Disease
Division|Florek|USA

Spike|hCoV-19/England/QEUH-B2F914/2020|2020-11-03|EPI_ISL_659914|Original|hCoV-19\^\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/Spain/MD-IBV-99007158/2020|2020-08-17|EPI_ISL_541928|Original|hCoV-19\^\^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|00f1|u00f3n|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

Spike|hCoV-19/USA/UT-UPHIL-201217463/2020|2020-12-01|EPI_ISL_684013|Original|hCoV-19\^\^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

Spike|hCoV-19/USA/UT-02588/2020|2020-04-24|EPI_ISL_487226|Original|hCoV-19\^\^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

Spike|hCoV-19/USA/OR-OHSU-1483/2020|2020-07-17|EPI_ISL_509213|Original|hCoV-19\^\^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

Spike|hCoV-19/USA/WA-UW-10102/2020|2020-05-29|EPI_ISL_461464|Original|hCoV-19\^\^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

Spike|hCoV-19/England/NORT-291E62/2020|2020-05-05|EPI_ISL_457317|Original|hCoV-19\^\^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

Spike|hCoV-19/USA/UT-08545/2020|2020-05-18|EPI_ISL_524306|Original|hCoV-19\^\^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

Spike|hCoV-19/Scotland/QUEUH-9A4779/2020|2020-09-01|EPI_ISL_568375|Original|hCoV-19\^\^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/USA/IL-NM057/2020|2020-03-18|EPI_ISL_444553|Original|hCoV-19\^\^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

Spike|hCoV-19/Scotland/EDB3164/2020|2020-04-06|EPI_ISL_489019|Original|hCoV-19\^\^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/USA/WI-UW-810/2020|2020-06-18|EPI_ISL_509819|Original|hCoV-19\^\^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

Spike|hCoV-19/England/ALDP-AA530A/2020|2020-10-21|EPI_ISL_625255|Original|hCoV-19\^\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/USA/HI-H200191/2020|2020-08-10|EPI_ISL_752750|Original|hCoV-19\^\^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultan|USA

Spike|hCoV-19/Japan/PG-6497/2020|2020-09-00|EPI_ISL_689599|Original|hCoV-19\^\^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seizuka|Japan

Spike|hCoV-19/Belgium/ULG-10136/2020|2020-04-08|EPI_ISL_427381|Original|hCoV-19\^\^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

Spike|hCoV-19/USA/NY-QDX-1250/2020|2020-03-16|EPI_ISL_572017|Original|hCoV-19\^\^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

Spike|hCoV-19/Wales/PHWC-4A5DC6/2020|2020-12-15|EPI_ISL_764974|Original|hCoV-19\^\^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19/England/CAMC-C98B79/2020|2020-12-17|EPI_ISL_762163|Original|hCoV-19\^\^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/USA/CA-CZB-3664/2020|2020-07-07|EPI_ISL_516739|Original|hCoV-19\^\^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

Spike|hCoV-19/Switzerland/BE-ETHZ-270112/2020|2020-09-03|EPI_ISL_541429|Original|hCoV-19\^\^Bern|Human|Vioillier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
> Spike|hCoV-19|USA/TX-HMH-7341|2020|2020-06-26|EPI_ISL_546688|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19|USA/TX-HMW-MCoV-8743|2020|2020-07-01|EPI_ISL_780730|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19|Germany/HH-hipi-p1722|2020|2020-03-15|EPI_ISL_775736|Original|hCoV-19|Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany
> Spike|hCoV-19|Denmark/DGCC-7115|2020|2020-10-12|EPI_ISL_619150|Original|hCoV-19|Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
> Spike|hCoV-19|Luxembourg/LNS0258260|2020|2020-10-26|EPI_ISL_739745|Original|hCoV-19|Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
> Spike|hCoV-19|Scotland/GCVR-1707C9|2020|2020-03-26|EPI_ISL_489641|Original|hCoV-19|Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Wales/PHWC-32885|2020|2020-04-15|EPI_ISL_474360|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19|England/ALDP-C3C46D|2020|2020-12-10|EPI_ISL_731182|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|England/ALDP-9508B5|2020|2020-06-13|EPI_ISL_554575|Original|hCoV-19|England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Wales/PHWC-4A62D5|2020|2020-12-16|EPI_ISL_765022|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19|England/MILK-99423F|2020|2020-08-26|EPI_ISL_551638|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|USA/LA-EVTL096|2020|2020-05-06|EPI_ISL_451257|Original|hCoV-19|Louisiana|Human|LSUH Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
> Spike|hCoV-19|USA/UT-UPHL-2009698|2020|2020-07-27|EPI_ISL_605372|Original|hCoV-19|Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
> Spike|hCoV-19|England/ALDP-A51DA5|2020|2020-10-07|EPI_ISL_598083|Original|hCoV-19|England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England/ALDP-9EA249|2020|2020-09-24|EPI_ISL_580150|Original|hCoV-19|England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England/LIVE-DC34B5|2020|2020-11-08|EPI_ISL_705218|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
> Spike|hCoV-19|England/LOND-124F8CC|2020|2020-03-27|EPI_ISL_665177|Original|hCoV-19|England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom
> Spike|hCoV-19|England/CAMB-7AC2B|2020|2020-04-08|EPI_ISL_433854|Original|hCoV-19|England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
> Spike|hCoV-19|England/CAMC-B79984|2020|2020-11-13|EPI_ISL_667971|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|USA/CA-QDX-2282|2020|2020-03-15|EPI_ISL_604514|Original|hCoV-19|California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
> Spike|hCoV-19|Australia/VIC8577|2020|2020-08-15|EPI_ISL_565098|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
| Country       | Origin | Lab Name                                      | Institution                                      | Virus | Genomic UK ID | Notes                      |
|---------------|--------|----------------------------------------------|--------------------------------------------------|-------|---------------|----------------------------|
| England       | Human  | Lighthouse Lab in Alderley Park              | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | 19-England/QEUH-ALDP-94EB48 |                                      |
| England       | Human  | Lighthouse Lab in Alderley Park              | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | 19-England/QEUH-ALDP-C3A229 |                                      |
| England       | Human  | Lighthouse Lab in Alderley Park              | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | 19-England/QEUH-ALDP-47E582 |                                      |
| Wales         | Human  | Wales Specialist Virology Centre Sequencing lab | COVID-19 Genomics UK (COG-UK) Consortium | Davies | 19-Wales/PHWC-483ECB |                                      |
| Scotland      | Human  | Virology Department                          | COVID-19 Genomics UK (COG-UK) Consortium | McHugh | 19-Scotland/EDB10887 |                                      |
| Germany       | Human  | Schleswig-Holstein                          | University Medical Center Hamburg Eppendorf       | Heinrich Pette Institute | 19-Germany/SH-hpi-p1415      |                                      |
| Netherlands   | Human  | Oxford Viromics                              | COVID-19 Genomics UK (COG-UK) Consortium | Golubchik | 19-Netherlands/MB-EMC-21 |                                      |
| South Africa  | Human  | Western Cape                                 | Human Knysna CDC                                 | Munnink | 19-South Africa/NHLS-UCT-GS1344 |                                      |
| USA           | Human  | LSUHS Emerging Viral Threat Laboratory       | Microbial Genome Sequencing Center Kamel         |        | 19-USA/LA-EVTL239 |                                      |
| Texas         | Human  | Houston Methodist Hospital                  | Houston Methodist Hospital                       | Long   | 19-Texas/HEM-MC-19251 |                                      |
| England       | Human  | Lighthouse Lab in Glasgow                    | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | 19-England/QEUH-BG405 |                                      |
| England       | Human  | Lighthouse Lab in Glasgow                    | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | 19-Scotland/EDB10887 |                                      |
| Spain         | Human  | Andalucia                                    | Servicio de Microbiolog\u00eda y Parasitolog\u00eda cl\u00ednica. UCEIMP. Hospital Universitario Virgen del Roc |        | 19-Spain/AN-IBV-98001817 |                                      |
| Wales         | Human  | Originating lab                              | COVID-19 Genomics UK (COG-UK) Consortium | Pette Institute | 19-Wales/PHWC-47E582 |                                      |

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**Notes:**
- Original IDs are prefixed by `EPI_ISL_` followed by a number.
- Genomic UK IDs are prefixed by `Spike|hCoV` followed by a number.
- Dates are included in the format `2020-11-25`.
- Institutions and labs are listed with their respective locations.
- Some institutions and labs are abbreviated or represented by acronyms.

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**Institution Notes:**
- The Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium is highlighted as a prominent contributor to the COVID-19 genomic research.
- Various labs and institutions from different countries, including the Netherlands, UK, Germany, and others, are involved in the genomic analysis of COVID-19.

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**Population Distribution:**
- England, Wales, Scotland, and Germany are prominently represented, indicating a focus on European contributions.
- Other locations include Texas in the USA, and various centers in South Africa and Spain.

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**Virus Types:**
- The Spike protein is highlighted as a critical target for these studies, suggesting a focus on understanding viral spike variants.

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**Implications:**
- The existence of multiple genomic IDs (EPI_ISL_573838, EPI_ISL_700529, etc.) indicates a diverse set of samples analyzed.
- The geographic spread of these studies across different regions reflects the global nature of the COVID-19 pandemic.
>Spike|hCoV-19/England/CAMB-1BAD2B/2020|2020-11-12|EPI_ISL_664998|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/USA/MI-QDX-568/2020|2020-03-17|EPI_ISL_571321|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/Finland/13LS14AC1/2020|2020-10-13|EPI_ISL_737219|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland
>Spike|hCoV-19/Australia/NSW2211/2020|2020-03-21|EPI_ISL_678303|Original|hCoV-19^^New South Wales|Human|Area of Virology|Virology Research Laboratory; Area of Virology|Foster|Australia
>Spike|hCoV-19/USA/TX-HHW-MCoV-13279/2020|2020-08-25|EPI_ISL_788427|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/MILK-BAA9A8/2020|2020-11-17|EPI_ISL_681633|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-162742/2020|2020-05-19|EPI_ISL_473114|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-12972/2020|2020-12-07|EPI_ISL_712498|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark
>Spike|hCoV-19/Japan/DP0027/2020|2020-02-15|EPI_ISL_416566|Original|hCoV-19^^Japan|Human|Japanese Quarantine Stations|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/QEUD-B7EC77/2020|2020-11-14|EPI_ISL_661866|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WI-UW-258/2020|2020-04-06|EPI_ISL_428732|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/Australia/VIC2685/2020|2020-07-02|EPI_ISL_521526|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/India/UT-6570136-CSIR-IGIB/2020|2020-08-03|EPI_ISL_636799|Original|hCoV-19^^Uttarakhand|Human|National Centre for Disease control (NCD)|NCD/CSIR-IGIB|Farug|India
>Spike|hCoV-19/USA/HI-H200278/2020|2020-09-08|EPI_ISL_752837|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA
>Spike|hCoV-19/USA/WA-UW-8150/2020|2020-04-25|EPI_ISL_486112|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/USA/TX-DSHS-1641/2020|2020-06-24|EPI_ISL_710071|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spike|hCoV-19/Canada/BC_9345042/2020|2020-03-13|EPI_ISL_418856|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada
>Spike|hCoV-19/England/ALDP-A51DB4/2020|2020-10-07|EPI_ISL_598056|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/PG-1384/2020|2020-04-00|EPI_ISL_684991|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/20139016604/2020|2020-03-27|EPI_ISL_423345|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/Wales/PHWC-4AOF10/2020|2020-11-25|EPI_ISL_743599|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/BRIS-1235AD/2020|2020-04-05|EPI_ISL_442726|Original|hCoV-19
>England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spa|hCoV-19/England/MILK-C60F6F/2020|2020-12-13|EPI_ISL_769324|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>De|hCoV-19/USA/TX-HMH-MCoV-15134/2020|2020-10-20|EPI ISL_786618|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>De|hCoV-19/England/ALDP-CB4A3E/2020|2020-12-17|EPI_ISL_761306|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Michaelsen|Denmark

>De|hCoV-19/Scotland/QEUH-AD2AC3/2020|2020-10-27|EPI_ISL_644006|Original|hCoV-19
>Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Vi|hCoV-19/Australia/VIC7845/2020|2020-07-29|EPI_ISL_564696|Original|hCoV-19
>Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
| Kingdom       | Lab Name                                      | Originating lab                                      | COVID-19 Genomics UK (COG-UK) Consortium |
|---------------|-----------------------------------------------|-----------------------------------------------------|------------------------------------------|
| Australia/VIC4971/2020 | | | |
| 19^^Victoria | Human | Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) | |
| Finland/15LS3A11/2020 | | | |
| 19|^Wales | Human | Originating lab | |
| | | | |
| Michigan | Human | Department of Virology and Immunology | Department of Virology | |
| Smura | Finland | | |
| India/GJ-GBBC181a/2020 | | | 19^^India | Human | Originating lab | |
| England| Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | |
| California | Human | Stanford clinical virology lab | Chan-Zuckerberg Biohub | 19^^California | Human | National Public Health Laboratory | National Public Health Laboratory | |
| Singapore | Human | National Public Health Laboratory | 19|^Singapore | Human | Originating lab | |
| Michigan | Human | Originating lab | COVID-19 Genomics UK (COG-UK) Consortium | |
| Wisconsin | Human | UW virology lab | Roychoudhury | 19|^Wisconsin | Human | Originating lab | |
| Netherlands | Human || |
| Finland | Human | Department of Virology and Immunology | |
| England | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | 19|^England | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | |
| England | Human | PHE South West Regional Laboratory | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | |
| England | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | |
| England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | |
| Netherlands | Human || |
| England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | |
>Spike|hCoV-19|Wales/PHWC-160911/2020|2020-05-19|EPI_ISL_472993|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom
>Spke|hCoV-19/England/MILK-AB84D4/2020|2020-10-21|EPI_ISL_623211|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/England/MILK-99E1FC/2020|2020-08-31|EPI_ISL_550780|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/Luxembourg/LNS1247055/2020|2020-12-03|EPI_ISL_770990|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de santé|Laboratoire national de santé
>Spke|hCoV-19/Japan/PG-6801/2020|2020-08-00|EPI_ISL_687910|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka
>Spke|hCoV-19/USA/TX-HMH-4836/2020|2020-06-22|EPI_ISL_544365|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spke|hCoV-19/Hong Kong/CM20000499/2020|2020-12-23|EPI_ISL_759894|Original|hCoV-19^^Hong Kong|Human|Temporary Specimen Collection Centre|Hong Kong Department of Health|Tsang|China
>Spke|hCoV-19/Japan/PG-5819/2020|2020-08-30|EPI_ISL_682345|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka
>Spke|hCoV-19/USA/TX-HMH-6850/2020|2020-06-25|EPI_ISL_546289|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spke|hCoV-19/England/MILK-A7DAD9/2020|2020-10-13|EPI_ISL_606326|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/USA/TX-HMH-MCoV-9900/2020|2020-07-06|EPI_ISL_780331|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spke|hCoV-19/South Africa/KRISP-K002737/2020|2020-08-14|EPI_ISL_529735|Original|hCoV-19^^South Africa|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka
>Spke|hCoV-19/Spain/MC/124752/2020|2020-08-04|EPI_ISL_522926|Original|hCoV-19^^Spain|Human|Hospital General Universitario Gregorio Mara\u00f3n|KRISP|de Oliveira
>Spke|hCoV-19/Scotland/QEHU-AAF3F1/2020|2020-10-22|EPI_ISL_653021|Original|hCoV-19^^Scotland|Human|Oxford Viremics|COVID-19 Genomics UK (COG-UK) consortium|Golubchik
>Spke|hCoV-19/Brazil/SC-L11-CD182/2020|2020-03-16|EPI_ISL_476193|Original|hCoV-19^^Brazil|Human|DB Diagn\u00f3nicos das \u00e9pocas de Brasilia|Instituto de Medicina Tropical da Universidade de \u00e9|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9
>Spke|hCoV-19/Wales/ALDP-909F01/2020|2020-06-23|EPI ISL_551527|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/England/ALDP-B63C1B/2020|2020-11-08|EPI ISL_656669|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/England/BRIS-12333CD/2020|2020-04-05|EPI ISL_442803|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spke|hCoV-19/USA/VA-DCLS-1568/2020|2020-08-14|EPI ISL_610131|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spke|hCoV-19/Netherlands/ZH-RIVM-20893/2020|2020-09-24|EPI ISL_790931|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spike|hCoV-19/USA/MI-UM-10036037083/2020|2020-09-19|EPI_ISL_583383|Original|hCoV-19^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>SpIke|hCoV-19/USA/UT-UPHL-2009636/2020|2020-07-18|EPI_ISL_605311|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>SpIke|hCoV-19/Germany/SH-ChVir3187/2020|2020-03-21|EPI_ISL_729537|Original|hCoV-19^Schleswig-Holstein|Human|A. Krumbholz|Charité\u00e9 Universit\u00e9 de la Medizin Berlin|Muehlemann|Germany
>SpIke|hCoV-19/England/CAMB-1B7D6A/2020|2020-10-13|EPI_ISL_637473|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>SpIke|hCoV-19/Luxembourg/LNS0759351/2020|2020-11-03|EPI_ISL_739829|Original|hCoV-19^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
>SpIke|hCoV-19/England/ALDP-B1B007/2020|2020-11-01|EPI_ISL_645654|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>SpIke|hCoV-19/USA/TX-HM-HCoV-9754/2020|2020-07-06|EPI_ISL_780256|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>SpIke|hCoV-19/New Zealand/20VR2094/2020|2020-04-08|EPI_ISL_456375|Original|hCoV-19^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand
>SpIke|hCoV-19/Vic16901/2020|2020-08-06|EPI_ISL_663633|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>SpIke|hCoV-19/USA/TX-HM-HHo-3499/2020|2020-06-15|EPI_ISL_544202|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>SpIke|hCoV-19/England/LIVE-DC3BCF/2020|2020-11-08|EPI_ISL_705871|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>SpIke|hCoV-19/Australia/VIC8408/2020|2020-07-23|EPI_ISL_564992|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>SpIke|hCoV-19/Wales/PHWC-169356/2020|2020-03-31|EPI_ISL_499433|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moor|United Kingdom
>SpIke|hCoV-19/Germany/BY-MVP-0012/2020|2020-04-05|EPI_ISL_437213|Original|hCoV-19^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany
>SpIke|hCoV-19/USA/CA-QDX-1422/2020|2020-03-18|EPI_ISL_572074|Original|hCoV-19^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>SpIke|hCoV-19/Russia/SPE-RII-22086V/2020|2020-06-08|EPI_ISL_524038|Vero|P|hCoV-19^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>SpIke|hCoV-19/England/QEUH-9D3595/2020|2020-09-18|EPI_ISL_577339|Original|hCoV-19^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>SpIke|hCoV-19/Scotland/QEUH-9B4020/2020|2020-09-03|EPI_ISL_560069|Original|hCoV-19^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>SpIke|hCoV-19/England/QEUH-9BABED/2020|2020-09-07|EPI_ISL_572923|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>SpIke|hCoV-19/Japan/PG-1085/2020|2020-04-00|EPI_ISL_684695|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>SpIke|hCoV-19/Switzerland/VD-BETHZ-321545/2020|2020-10-15|EPI_ISL_603754|Original|hCoV-19^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/Wales/PHWC-48B115/2020|2020-10-18|EPI_ISL_666195|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik|hCoV-19/USA/MU-UM-2006S000897/2020|2020-03-30|EPI_ISL_484743|Original|hCoV-19|Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>Spik|hCoV-19/England/LOND-DA10C/2020|2020-11-03|EPI_ISL_705395|Original|hCoV-19|England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spik|hCoV-19/England/MILK-992F58/2020|2020-08-26|EPI_ISL_552000|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/ALDP-AA555F/2020|2020-10-21|EPI_ISL_625085|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/NORT-284688/2020|2020-03-22|EPI_ISL_488490|Original|hCoV-19|England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/LIVE-A932E/2020|2020-07-22|EPI_ISL_526367|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spik|hCoV-19/England/ALDP-B482DE/2020|2020-11-07|EPI_ISL_649231|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Finland/20SS1781/2020|2020-09-20|EPI_ISL_757375|Original|hCoV-19|Finland|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland
>Spik|hCoV-19/England/ALDP-9FD780/2020|2020-10-01|EPI_ISL_588042|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Australia/SAP161/2020|2020-03-21|EPI_ISL_492117|Original|hCoV-19|South Australia|Human|SA Pathology|SA Pathology|Leong|Australia
>Spik|hCoV-19/USA/CA-CZB-2761/2020|2020-06-27|EPI_ISL_582866|Original|hCoV-19|California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA
>Spik|hCoV-19/Netherlands/NA_184/2020|2020-03-22|EPI_ISL_422719|Original|hCoV-19|Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spik|hCoV-19/England/SHEF-C870F/2020|2020-04-28|EPI_ISL_475409|Original|hCoV-19|England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spik|hCoV-19/USA/TX-HMH04/2020|2020-03-16|EPI_ISL_434715|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19/Wales/PHWC-2DEE5/2020|2020-04-09|EPI_ISL_446037|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
Consortium|Alikhan|United Kingdom
|19|England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19|Denmark/DGCC-21285/2020|2020-12-21|EPI_ISL_759654|Original|hCoV-19^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelensen|Denmark

>Spike|hCoV-19|England/LIVE-B4FE3/2020|2020-10-22|EPI_ISL_650440|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19|Brazil/SP-L14-CD243/2020|2020-03-27|EPI_ISL_476247|Original|hCoV-19^Sao Paulo|Human|Hospital da Clinicas das Faculdades de Medicina da Universidade de Sao Paulo|Instituto de Medicina Tropical da Universidade de Sao Paulo|Faria|Brazil

>Spike|hCoV-19/USA/FL-BPHL-0702/2020|2020-03-28|EPI_ISL_509760|Original|hCoV-19^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/NY-Wadsworth-226513-01/2020|2020-07-29|EPI_ISL_677123|Original|hCoV-19^New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Wales/PHWC-48456B/2020|2020-10-17|EPI_ISL_627092|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-7A11D/2020|2020-04-02|EPI_ISL_440589|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/MILK-BABE4E/2020|2020-11-18|EPI_ISL_681395|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW1258/2020|2020-12-18|EPI_ISL_740889|Original|hCoV-19^New South Wales|Human|Pathology North - Royal North Shore Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Denmark/DGCC-8272/2020|2020-10-26|EPI_ISL_617319|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelensen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-14012/2020|2020-08-14|EPI_ISL_787302|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MI-UM-10036738721/2020|2020-11-02|EPI_ISL_682125|Original|hCoV-19^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/NORT-1B61209/2020|2020-10-19|EPI_ISL_637283|Original|hCoV-19^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust | North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/QEUH-AF664D/2020|2020-10-30|EPI_ISL_662995|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-97064C/2020|2020-08-18|EPI_ISL_553147|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1479/2020|2020-05-01|EPI_ISL_468431|Original|hCoV-19^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/Germany/HH-hpi-p1630/2020|2020-03-17|EPI_ISL_775740|Original|hCoV-19^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/NORW-E71C0/2020|2020-04-19|EPI_ISL_449012|Original|hCoV-19^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/Costa Rica/INC-0088/2020|2020-07-10|EPI_ISL_527756|Original|hCoV-19^San Jose|Human|Area De Salud Aserri|Inciensa|Soto-Garita|Costa Rica
>Spike|hCoV-19/England/QEUEH-AD5996/2020|2020-10-26|EPI_ISL_633759|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/New Zealand/20CVO077/2020|2020-08-14|EPI_ISL_547983|Original|hCoV-19^Combined Auckland|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
>Spike|hCoV-19/Japan/PG-5909/2020|2020-08-08|EPI_ISL_689024|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/QEUEH-B11AE5/2020|2020-11-02|EPI_ISL_642276|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/MI-MDHHS-SC20428/2020|2020-03-19|EPI_ISL_452302|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/England/NORW-F156D/2020|2020-10-20|EPI_ISL_627604|Original|hCoV-19^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Ali Khan|United Kingdom
>Spike|hCoV-19/Scotland/EBD6308/2020|2020-04-17|EPI_ISL_487894|Original|hCoV-19^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DGCC-21711/2020|2020-12-21|EPI_ISL_758323|Original|hCoV-19^Hovedstad|Human|Department of Virus and Microbiological Special Diagnostics|Albersen Lab|Michael森|Denmark
>Spike|hCoV-19/USA/NY-NYCPHL-000116/2020|2020-03-29|EPI_ISL_631608|Original|hCoV-19^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA
>Spike|hCoV-19/USA/CA-CZB-1492/2020|2020-03-24|EPI_ISL_468442|Original|hCoV-19^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Hao|USA
>Spike|hCoV-19/England/QEUEH-96FD87/2020|2020-08-18|EPI_ISL_540275|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-4694/2020|2020-06-21|EPI_ISL_544264|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/NORL-286B96/2020|2020-10-16|EPI_ISL_638576|Original|hCoV-19^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/Australia/VIC8992/2020|2020-07-27|EPI_ISL_565342|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/NORT-11F753/2020|2020-11-26|EPI_ISL_725562|Original|hCoV-19^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19/Japan/PG-1333/2020|2020-04-00|EPI_ISL_684941|Original|hCoV-19^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/USA/NMDOH-20203222124/2020|2020-09-01|EPI_ISL_542079|Original|hCoV-19^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA
>Spike|hCoV-19/Australia/VIC13012/2020|2020-08-03|EPI_ISL_592148|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Norway/5790/2020|2020-11-17|EPI_ISL_708172|Original|hCoV-19^Oslo|Human|Oslo University Hospital|Norwegian Institute of Public Health|Kopperud Riis|Norway
Spike|hCoV-19/England/QEUH-C5CA47/2020|2020-12-14|EPI_ISL_769511|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/Belgium/ULG-10025/2020|2020-03-31|EPI_ISL_421199|Original|hCoV-19^Li|u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

Spike|hCoV-19/Luxembourg/LNS4071178/2020|2020-10-23|EPI_ISL_740415|Original|hCoV-19^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

Spike|hCoV-19/Denmark/DCGC-2557/2020|2020-08-17|EPI_ISL_616533|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

Spike|hCoV-19/USA/WA-S1336/2020|2020-05-13|EPI_ISL_495786|Original|hCoV-19^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

Spike|hCoV-19/England/NORT-282329/2020|2020-03-25|EPI_ISL_488518|Original|hCoV-19^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Wales/PHWC-31121/2020|2020-04-10|EPI_ISL_446407|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology

Spike|hCoV-19/England/QEUH-9DDD48/2020|2020-09-21|EPI_ISL_599724|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/QEUH-B410BD/2020|2020-11-08|EPI_ISL_658557|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/England/CAMC-B0B1E9/2020|2020-10-29|EPI_ISL_643634|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/Wales/PHWC-49A632/2020|2020-12-02|EPI_ISL_727575|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/Wales/PHWC-343BF/2020|2020-04-16|EPI_ISL_446913|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology

Spike|hCoV-19/England/MILK-A7B8A4/2020|2020-10-15|EPI_ISL_607360|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Wales/PHWC-26F07/2020|2020-03-30|EPI_ISL_422132|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology

Spike|hCoV-19/England/MILK-A6BBCC/2020|2020-10-08|EPI_ISL_608706|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Australia/VIC11357/2020|2020-08-15|EPI_ISL_563344|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

Spike|hCoV-19/USA/TX-DSHS-1283/2020|2020-03-31|EPI_ISL_648243|Original|hCoV-19^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

Spike|hCoV-19/Egypt/CUNCI-HGC51014/2020|2020-06-02|EPI_ISL_479714|Original|hCoV-19^Egypt|Human|Egyptian National Cancer Institute (ENCI)|Egyptian National Cancer Institute (ENCI)|Zekri|Egypt
>Spike|hCoV-19|Denmark|DCGC-20496/2020|2020-12-21|EPI_ISL_759184|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19|England|MILK-9AB077/2020|2020-08-31|EPI_ISL_551123|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England|CAMC-BFB717/2020|2020-12-05|EPI_ISL_709088|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|Scotland|CVR3253/2020|2020-04-24|EPI_ISL_493832|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19|India|TG-CCMB-AA105/2020|2020-08-10|EPI_ISL_539683|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India
>Spike|hCoV-19|England|CAMB-79406/2020|2020-04-03|EPI_ISL_441105|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19|England|ALDP-C484D7/2020|2020-12-12|EPI_ISL_736485|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|England|CAMC-C40BCB/2020|2020-12-10|EPI_ISL_719179|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|Northern Ireland|QUEUH-96C115/2020|2020-08-15|EPI_ISL_530912|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Wales|PHWC-48DA81/2020|2020-11-01|EPI_ISL_680719|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19|England|CAMC-B09C9F/2020|2020-10-29|EPI_ISL_672951|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|Canada|ON-UHTC_0031/2020|2020-04-01|EPI_ISL_464032|unknown|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada
>Spike|hCoV-19|England|QUEUH-AE2FC1/2020|2020-10-27|EPI_ISL_633542|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19|USA|UT-UPHL-2009552/2020|2020-07-18|EPI_ISL_605231|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spoke|hCoV-19|Netherlands|ZuidHolland_116/2020|2020-04-08|EPI_ISL_455305|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spoke|hCoV-19|USA|NY-Wadsworth-192887-01/2020|2020-07-03|EPI_ISL_677016|Original|hCoV-19^^New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA
>Spoke|hCoV-19|Scotland|GCVR-17187A/2020|2020-03-29|EPI_ISL_489702|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC- University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19|USA|TX-HMH-MCoV-8497/2020|2020-07-01|EPI_ISL_780593|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spoke|hCoV-19|England|QUEUH-9F3DA6/2020|2020-09-24|EPI_ISL_588534|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19|Canada|BC-BCCDC-6396/2020|2020-10-00|EPI_ISL_740553|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada
>Spik$hCoV-19/England/QUEUH-9B89F4/2020|2020-09-07|EPI_ISL_602141|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik$hCoV-19/Australia/WA281/2020|2020-03-17|EPI_ISL_596824|Original|hCoV-19^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA|Microbial Surveillance Unit|Sikazwe|Australia
>Spik$hCoV-19/Spain/CT-IBV-99009900/2020|2020-08-09|EPI_ISL_660297|Original|hCoV-19^Catalunya|Human|Servicio de Microbiologia\u00eda|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
>Spik$hCoV-19/Australia/VIC5799/2020|2020-07-20|EPI_ISL_518594|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spik$hCoV-19/Wales/PHWC-317E3/2020|2020-04-13|EPI_ISL_446490|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spik$hCoV-19/England/CAMC-B1FC87/2020|2020-11-02|EPI_ISL_647749|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik$hCoV-19/Switzerland/BS-42204412/2020|2020-03-24|EPI_ISL_581726|Original|hCoV-19^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland
>Spik$hCoV-19/USA/MI-QDX-1152/2020|2020-03-23|EPI_ISL_571882|Original|hCoV-19^Michigan|Human|Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spik$hCoV-19/England/CAMB-1B07CD/2020|2020-05-11|EPI_ISL_452922|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spik$hCoV-19/USA/MI-MDHHS-SC21901/2020|2020-03-29|EPI_ISL_565962|Original|hCoV-19^Michigan|Human|Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spik$hCoV-19/England/CAMB-1B07CD/2020|2020-05-11|EPI_ISL_452922|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spik$hCoV-19/USA/MI-MDHHS-SC20564/2020|2020-04-29|EPI_ISL_462646|Original|hCoV-19^Michigan|Human|Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spik$hCoV-19/Denmark/DGCC-12715/2020|2020-11-16|EPI_ISL_682896|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spik$hCoV-19/England/MILK-B36990/2020|2020-11-01|EPI_ISL_658869|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik$hCoV-19/England/CAMB-7278C/2020|2020-03-23|EPI_ISL_439565|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spik$hCoV-19/Japan/PG-8132/2020|2020-08-08|EPI_ISL_687231|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
>Spik$hCoV-19/England/QUEUH-A9F28E/2020|2020-10-19|EPI_ISL_721559|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik$hCoV-19/England/CAMB-1BB249/2020|2020-11-10|EPI_ISL_664831|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spik$hCoV-19/Wales/PHWC-47E959/2020|2020-10-14|EPI_ISL_595526|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik$hCoV-19/Taiwan/TSGH-18/2020|2020-03-24|EPI_ISL_436103|Original|hCoV-19^New Taipei City|Human|TSGH-CP molecular lab|TSGH-CP molecular lab|Shang|Taiwan
>Spik$hCoV-19/Spain/MD-IBV-99008731/2020|2020-10-16|EPI_ISL_654250|Original|hCoV-19^Madrid|Human|Hospital General Universitario Gregorio Marañó|u00f1|u00f3n|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
Spike|hCoV-19|England|MILK-974A4C/2020|2020-08-20|EPI_ISL_581370|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/CAMB-1BD7FD/2020|2020-12-08|EPI_ISL_740983|Original|hCoV-19|England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
Spike|hCoV-19|England/ALDP-A6C3E1/2020|2020-10-14|EPI_ISL_608161|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/ALDP-9EDFD6/2020|2020-05-06|EPI_ISL_589352|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Wales/PHWC-4A328D/2020|2020-12-14|EPI_ISL_744078|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19|England/QEUH-9CA616/2020|2020-09-10|EPI_ISL_567532|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Wales/PHWC-16350B/2020|2020-05-11|EPI_ISL_473957|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19|England/QEUH-9603C0/2020|2020-08-07|EPI_ISL_531991|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|India/MH-BJMC-19749/2020|2020-07-11|EPI_ISL_728271|Original|hCoV-19|Mumbai|Human|Gunderson Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA
Spike|hCoV-19|Australia/VIC7515/2020|2020-00-00|EPI_ISL_564462|Original|hCoV-19|Australia|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19|Taiwan/CGMH-CGU-24/2020|2020-03-20|EPI_ISL_444277|Original|hCoV-19|Taiwan|Human|Laboratory Medicine|Department of Laboratory Medicine|Yi Chun|Taiwan
Spike|hCoV-19|Spain/MD-IVB-99008734/2020|2020-10-16|EPI_ISL_654303|Original|hCoV-19|Madrid|Human|Hospital General Universitario Gregorio Marañón|u00f1o0f3n|SeqCOVID-SPAIN consortium|IVB(CSIC)|Comas|Spain
Spike|hCoV-19|England/ALDP-C88ECC/2020|2020-12-17|EPI_ISL_756385|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|England/OXON-AE9AF/2020|2020-00-00|EPI_ISL_448741|Original|hCoV-19|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
Spike|hCoV-19|England/CAMC-B3442A/2020|2020-11-05|EPI_ISL_659569|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/ALDP-49EE54/2020|2020-05-24|EPI_ISL_559486|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Spain/ALDP-49EE54/2020|2020-05-24|EPI_ISL_559486|Original|hCoV-19|Basque Country|Human|Servicio de Microbiologia|u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>Spike|hCoV-19/Switzerland/BL-ETHZ-350293/2020|2020-10-30|EPI_ISL_729190|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/England/ALDP-BB8C26/2020|2020-11-20|EPI_ISL_703224|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/UT-UPHL-2012095441/2020|2020-09-09|EPI_ISL_746129|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/Scotland/CVR5260/2020|2020-10-15|EPI_ISL_627420|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/England/ALDP-A86132/2020|2020-10-17|EPI_ISL_606003|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DGCC-11664/2020|2020-10-26|EPI_ISL_670730|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/OXON-AFA32/2020|2020-04-15|EPI_ISL_478797|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/England/OXON-B2841/2020|2020-04-09|EPI_ISL_534775|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/England/ALDP-B8585B/2020|2020-11-13|EPI_ISL_675586|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-47D0DD/2020|2020-10-05|EPI_ISL_586097|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Netherlands/ZH-EMC-888/2020|2020-10-30|EPI_ISL_632767|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands
>Spike|hCoV-19/Northern Ireland/NIRE-FAA0B/2020|2020-04-06|EPI_ISL_441699|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/Australia/VIC10936/2020|2020-09-06|EPI_ISL_563160|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Wales/PHWC-15C14D/2020|2020-04-08|EPI_ISL_472442|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/EXET-13555D/2020|2020-04-19|EPI_ISL_457070|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spike|hCoV-19/Peru/LIM-UPCH-0120/2020|2020-06-18|EPI_ISL_568517|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen|u00f3mica Microbiana|Tsukayama|Peru
>Spike|hCoV-19/Denmark/DGCC-2013/2020|2020-07-27|EPI_ISL_618236|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/England/NORW-F6629/2020|2020-11-30|EPI_ISL_706372|Original|hCoV-19^^England|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/Switzerland/BS-UHB-42189793/2020|2020-03-13|EPI_ISL_528052|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland
Innovation Unit | Centre for Clinical Infection and Diagnostics Research and Genomics
Innovation Unit | Awan | United Kingdom
Spike | hCoV-19^ England | Human | PHE South West Regional Laboratory | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom
Spike | hCoV-19^ England | Human | North West London Pathology | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom
Spike | hCoV-19^ England | Human | University College London | COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom
Spike | hCoV-19^ England | Human | Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit | Awan | United Kingdom
Spike | hCoV-19^ Denmark | DCGC | 7089/2020 | 2020-10-12 | EPI_ISL_619084 | Original | hCoV-19^ Jutland | Human | Department of Virus and Microbiological Special Diagnostics | Albertsen lab | Michaelsen | Denmark
Spike | hCoV-19^ France | PDLSC643 | 2020-04-05 | EPI_ISL_663281 | Original | hCoV-19^ Pays-de-la-Loire | Human | CHU Nantes | CNR Virus des Infections Respiratoires - France SUD | Bal | France
Spike | hCoV-19^ England | CAMC | C86103/2020 | 2020-12-17 | EPI_ISL_756628 | Original | hCoV-19^ England | Human | Lighthouse Lab in Cambridge | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom
Spike | hCoV-19^ England | Human | Lighthouse Lab in Edinburgh | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom
Spike | hCoV-19^ England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom
Spike | hCoV-19^ Bangladesh | DNA SOLUTION LTD | Rabi | Bangladesh
Spike | hCoV-19^ England | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom
Spike | hCoV-19|Scotland| QEHU-96083|2020-08-04|EPI_ISL_531984|Original|hCoV-19^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom
Spike | hCoV-19|Wales|PHWC-16542A|2020-05-18|EPI_ISL_479463|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab | COVID-19 Genomics UK (COG-UK) consortium | Moore | United Kingdom
Spike | hCoV-19|USA|CA-IGI-0366|2020-07-22|EPI_ISL_575968|Original|hCoV-19^ California|Human|Innovative Genomics Institute | Innovative Genomics Institute | Wyman | USA
>Spike|hCoV-19/USA/WA-S2233/2020|2020-06-09|EPI_ISL_497661|Original|hCoV-19^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Sp>ke|hCoV-19/France/PAC-MEPH1-1750/2020|2020-09-18|EPI_ISL_644380|Original|hCoV-19^Provence-Alpes-Cote-d'u2019Azur|Human|MEPH1|MEPH1|Levasseur|France
>Sp>ke|hCoV-19/Brazil/BRTS-12CFE2/2020|2020-04-25|EPI_ISL_481962|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp>ke|hCoV-19/Belgium/rega-12141364/2020|2020-12-14|EPI_ISL_738417|Original|hCoV-19^Mo|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Sp>ke|hCoV-19/England/QEUH-A9P88C/2020|2020-10-20|EPI_ISL_650260|Original|hCoV-19^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Tempert>on|United Kingdom
>Sp>ke|hCoV-19/Wales/PHWC-16EAE3/2020|2020-10-04|EPI_ISL_585819|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Sp>ke|hCoV-19/Wales/PHWC-15C374/2020|2020-05-04|EPI ISL_472476|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Sp>ke|hCoV-19/Wales/PHWC-2A000/2020|2020-04-03|EPI ISL_432436|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Sp>ke|hCoV-19/USA/TX-HMH-MCoV-19590/2020|2020-11-28|EPI ISL_783961|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Sp>ke|hCoV-19/Japan/PG-5551/2020|2020-08-00|EPI ISL_688676|Original|hCoV-19^Japan|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Sp>ke|hCoV-19/USA/MI-QDX-480/2020|2020-03-24|EPI ISL_571214|Original|hCoV-19^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Sp>ke|hCoV-19/USA/CA-CHLA-PLM32737996/2020|2020-11-21|EPI ISL_753402|Original|hCoV-19^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA
>Sp>ke|hCoV-19/New Zealand/20CV0082/2020|2020-08-14|EPI ISL_547988|Original|hCoV-19^Combined Auckland|Human|LabTests|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
>Sp>ke|hCoV-19/USA/MI-MDHHS-SC20311/2020|2020-04-06|EPI ISL_447108|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Sp>ke|hCoV-19/England/NORT-2836C5/2020|2020-03-31|EPI ISL_478505|Original|hCoV-19^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Sp>ke|hCoV-19/England/MILK-628F78/2020|2020-07-05|EPI ISL_557879|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp>ke|hCoV-19/Japan/PG-4285/2020|2020-07-00|EPI ISL_692514|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Sp>ke|hCoV-19/Canada/QC-LSPQ-L00242292/2020|2020-03-29|EPI ISL_536315|Original|hCoV-19^Quebec|Human|Centre hospitalier Anna-LaBerge|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada
>Sp>ke|hCoV-19/Switzerland/ZH-ETHZ-410897/2020|2020-11-30|EPI ISL_737926|Original|hCoV-19^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Sp>ke|hCoV-19/USA/AZ-TG396348/2020|2020-06-10|EPI ISL_694806|Original|hCoV-19^Arizona|Human|AZ SPLH|TGen North|French|USA
>Sp>ke|hCoV-19/Brazil/SP-785/2020|2020-06-20|EPI ISL_735425|Original|hCoV-19^S\u00e9o Paulo|Human|Hospital e Maternidade Sao Lucas|Instituto Adolfo Lutz|Sacchi|Brazil
>Sp>ke|hCoV-19/Portugal/PT0719/2020|2020-03-25|EPI ISL_510978|Original|hCoV-19^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal
>Spike|hCoV-19|England/CAMC-A3F7BE/2020|2020-10-05|EPI_ISL_609595|Original|hCoV-19

>England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|USA/MD-HPI2004/2020|2020-11-28|EPI_ISL_791349|Original|hCoV-19

>Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morris|USA

>Spike|hCoV-19|England/ALDP-B3E45D/2020|2020-09-05|EPI_ISL_645303|Original|hCoV-19

>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|India/KA-IB68/2020|2020-06-21|EPI_ISL_518032|Original|hCoV-19

>Karnataka|Human|Indian Institute of Science|National Institute of Biomedical Genomics -\u00a0DBT's PAN-INDIA 1000 SARS--CoV-2 RNA Genome Sequencing Consortium|Maitra|India

>Spike|hCoV-19|USA/CA-ALSR-4351/2020|2020-07-21|EPI_ISL_648986|Original|hCoV-19

>California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19|South Africa/KRISP-K002278/2020|2020-07-21|EPI_ISL_515658|Original|hCoV-19

>KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19|England/QEUH-B823F3/2020|2020-11-14|EPI_ISL_668216|Original|hCoV-19

>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|England/QEUH-9652CE/2020|2020-08-12|EPI_ISL_531136|Original|hCoV-19

>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|England/CAMB-76955/2020|2020-03-30|EPI_ISL_438322|Original|hCoV-19

>England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19|England/DGCC-8523/2020|2020-10-26|EPI_ISL_625928|Original|hCoV-19

>Scotland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Micaelsen|Denmark

>Spike|hCoV-19|England/USA/CA-CZB-13845/2020|2020-08-16|EPI_ISL_738633|Original|hCoV-19

>California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19|England/CAMC-7F2AC/2020|2020-04-08|EPI_ISL_442936|Original|hCoV-19

>England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19|England/Scotland/QEUH-A0B7D9/2020|2020-10-03|EPI_ISL_599215|Original|hCoV-19

>Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|England/Brazil/SP-688/2020|2020-06-30|EPI_ISL_693234|Original|hCoV-19

>S\u00e3o Paulo|Human|Upa Vereador Jose Da Rocha Goncalves|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19|England/USA/UT-08717/2020|2020-05-21|EPI_ISL_524774|Original|hCoV-19

>Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19|England/USA/ALDP-B1DF53/2020|2020-11-01|EPI_ISL_723550|Original|hCoV-19

>England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) consortium|Robson|United Kingdom

>Spike|hCoV-19|USA/NY-NYCPHL-000966/2020|2020-10-06|EPI_ISL_632998|Original|hCoV-19

>New York|Human|DOHMH Crown Heights|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19|England/CAMC-841F2/2020|2020-04-16|EPI_ISL_443565|Original|hCoV-19

>England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19|England/DGCC-12198/2020|2020-11-16|EPI_ISL_682379|Original|hCoV-19

>Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Micaelsen|Denmark
> Spike|hCoV-19|Hong Kong|VM20002507-2/2020|2020-02-10|EPI_ISL_414528|Original|hCoV-19^^Hong Kong|Human|Hong Kong Department of Health|School of Public Health|Chu|China
> Spike|hCoV-19|USA/MA-MGH-00274|2020|2020-04-01|EPI_ISL_460144|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA
> Spike|hCoV-19|England/LIVE-AA369|2020|2020-03-23|EPI_ISL_517441|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
> Spike|hCoV-19|Wales/PHWC-49Ca70|2020|2020-12-09|EPI_ISL_742638|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19|USA/MA-MGH-J0038|2020|2020-03-16|EPI_ISL_513450|Original|hCoV-19^^Maine|Human|Maine HETL|Tewhey Lab|Tewhey|USA
> Spike|hCoV-19|USA/MA-MGH-01491|2020|2020-05-07|EPI_ISL_791956|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA
> Spike|hCoV-19|England/CAMB-784BC|2020|2020-00-00|EPI_ISL_433740|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
> Spike|hCoV-19|England/CAMB-78B3F|2020|2020-04-03|EPI_ISL_441062|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
> Spike|hCoV-19|USA/CA-CZB-12315|2020|2020-10-08|EPI_ISL_648399|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA
> Spike|hCoV-19|India/MH-ACTREC-662|2020|2020-09-15|EPI_ISL_700291|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
> Spike|hCoV-19|USA/FL-BPHL-1685|2020|2020-08-12|EPI_ISL_594374|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
> Spike|hCoV-19|Saudi Arabia/KAUST-Madinah269|2020|2020-03-30|EPI_ISL_437751|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia
> Spike|hCoV-19|Netherlands/UT-EMC-95|2020|2020-09-12|EPI_ISL_632499|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands
> Spike|hCoV-19|USA/CA-IGI-0120|2020|2020-06-05|EPI_ISL_495142|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Shivram|USA
> Spike|hCoV-19|USA/NY-NYCPHL-001460|2020|2020-11-25|EPI_ISL_683821|Original|hCoV-19^^New York|Human|DOHMH Crown Heights|New York City Public Health Laboratory|Wang|USA
> Spike|hCoV-19|England/CAMC-C84554|2020|2020-12-17|EPI_ISL_756438|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|England/ALDP-B636A4|2020|2020-11-09|EPI_ISL_656552|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|England/QEUH-9CE74C|2020|2020-09-17|EPI_ISL_590085|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|USA/LA-GBCL-26791736|2020|2020-04-09|EPI_ISL_485353|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA
> Spike|hCoV-19|Australia/VIC1139|2020|2020-04-08|EPI_ISL_430610|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spike|hCoV-19/Brazil/RJ-INCA-C48/2020|2020-04-20|EPI_ISL_513554|Original|hCoV-19^^Rio de Janeiro|Human|Programa de Oncovirologia|Programa de Oncovirologia|Ramos Goes|Brazil
>Spike|hCoV-19/Wales/PHWC-493EC|2020|2020-11-18|EPI_ISL_726012|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/ALDP-BCA887/2020|2020-11-23|EPI_ISL_703420|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Wales/PHWC-493EC/2020|2020-09-07|EPI_ISL_576126|Original|hCoV-19^^Wales|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-9872/2020|2020-07-06|EPI_ISL_780315|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Japan/PG-5988/2020|2020-08-00|EPI_ISL_689101|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/ALDP-A66B58/2020|2020-10-12|EPI_ISL_630471|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/QEUH-9AF301/2020|2020-08-29|EPI_ISL_559835|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/CO-CDPHE-2009170003/2020|2020-09-16|EPI_ISL_710264|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Puplic Health and Environment|Bankers|USA
>Spike|hCoV-19/Switzerland/BL-ETHZ-360009/2020|2020-11-12|EPI_ISL_693869|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/England/QEUH-B2EB5B/2020|2020-11-04|EPI_ISL_659667|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Japan/PG-8467|2020-08-00|EPI_ISL_687566|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/CAMB-1BA49F/2020|2020-11-13|EPI_ISL_664983|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Bangladesh/DNAS_DRCM_isl_Sik-Bip/01/2020|2020-07-03|EPI_ISL_774918|Original|hCoV-19^^Bangladesh|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh
>Spike|hCoV-19/Wales/PHWC-26C1F/2020|2020-03-28|EPI_ISL_422151|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/USA/CA-CZB-14904/2020|2020-11-25|EPI_ISL_738664|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA
>Spike|hCoV-19/England/NOTT-10E238/2020|2020-03-20|EPI_ISL_425515|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19/Finland/6LS3C1/2020|2020-10-06|EPI_ISL_756084|Original|hCoV-19^^Finland|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland
>Spike|hCoV-19/England/CAMB-81580/2020|2020-04-12|EPI_ISL_442961|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/Australia/VIC4871/2020|2020-07-21|EPI_ISL_519255|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

> Spike|hCoV-19/Canada/BC_19431931/2020|2020-03-00|EPI_ISL_462763|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

> Spike|hCoV-19/England/MILK-9C2915/2020|2020-09-11|EPI_ISL_566618|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/England/CAMC-B23567/2020|2020-11-03|EPI_ISL_665042|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

> Spike|hCoV-19/Scotland/EDB6895/2020|2020-04-06|EPI_ISL_476386|Original|hCoV-19^^Scotland|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

> Spike|hCoV-19/Brazil/SP-L22-CD490/2020|2020-04-06|EPI_ISL_476386|Original|hCoV-19^^Brazil|Paulo|Human|Hospital da Clínica das Faculdades de Medicina da Universidade de São Paulo|Instituto de Medicina Tropical da Universidade de São Paulo|Borges|Portugal

> Spike|hCoV-19/England/CAMC-B23567/2020|2020-11-13|EPI_ISL_679180|Original|hCoV-19^^Scotland|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

> Spike|hCoV-19/Portugal/PT2071/2020|2020-11-12|EPI_ISL_732285|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

> Spike|hCoV-19/US/CA-LACPHEL-AA00015/2020|2020-08-05|EPI_ISL_710113|Original|hCoV-19^^California|Human|Los Angeles County Public Health Laboratory (MDU-PHL)|Los Angeles County PHL|Hemarajata|United States

> Spike|hCoV-19/England/MILK-B8EB1D/2020|2020-11-13|EPI_ISL_674757|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/England/MILK-CA71DF/2020|2020-12-18|EPI_ISL_761481|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/Wales/PHWC-16418E/2020|2020-04-22|EPI_ISL_474137|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/Switzerland/ZH-ETHZ-210032/2020|2020-07-22|EPI_ISL_510773|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

> Spike|hCoV-19/Wales/PHWC-484686/2020|2020-10-17|EPI_ISL_628030|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/Scotland/EDB6895/2020|2020-05-13|EPI_ISL_526505|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

> Spike|hCoV-19/US/TX-HMH-6387/2020|2020-07-04|EPI_ISL_545960|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

> Spike|hCoV-19/England/QEUH-96E23E/2020|2020-08-20|EPI_ISL_530509|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Denmark/DCGC-3544/2020|2020-08-31|EPI_ISL_616337|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spikc|hCoV-19|England/BRIS-18532D0/2020|2020-04-02|EPI_ISL_492323|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikc|hCoV-19|USA/TX-HMW-MCoV-15145/2020|2020-10-19|EPI ISL 786629|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spikc|hCoV-19|USA/MN-MDH-1412/2020|2020-06-23|EPI ISL 514631|Original|hCoV-19^^Minnesota|Human|M Health Fairview|Garfin|USA
>Spikc|hCoV-19|USA/HI-H200146/2020|2020-07-13|EPI ISL 752709|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA
>Spikc|hCoV-19|Australia/NSW811/2020|2020-08-08|EPI ISL 526153|Original|hCoV-19^^New South Wales|Human|Douglass Hanly Moir Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Garfin|Australia
>Spikc|hCoV-19|England/QEUH-9BA251/2020|2020-09-07|EPI ISL 572919|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spikc|hCoV-19|England/ALDP-C4805B/2020|2020-12-12|EPI ISL 718687|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spikc|hCoV-19|Australia/VIC10290/2020|2020-07-31|EPI ISL 562855|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spikc|hCoV-19|Japan/PG-1002/2020|2020-04-00|EPI ISL 684612|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spikc|hCoV-19|Australia/VIC6767/2020|2020-07-26|EPI ISL 564042|Original|hCoV-19^^Australia|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spikc|hCoV-19|Australia/VIC3799/2020|2020-07-15|EPI ISL 520516|Original|hCoV-19^^Australia|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spikc|hCoV-19|England/QEUH-A00042/2020|2020-10-02|EPI ISL 600386|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikc|hCoV-19|Netherlands/NA_281/2020|2020-03-31|EPI ISL 422590|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands
>Spikc|hCoV-19|Northern Ireland/WIRE-2336A6/2020|2020-09-28|EPI ISL 680306|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
>Spikc|hCoV-19|Colombia/TOL-GVI-97921/2020|2020-04-04|EPI ISL 447808|Original|hCoV-19^^Colombia|Human|Instituto Nacional de Salud|Grupo de Investigaciones Microbiol|u00f3gicas|UR (GIMUR)|Ram|u00edrez|Colombia
>Spikc|hCoV-19|Scotland/QEUH-9CEAF8/2020|2020-09-17|EPI ISL 601930|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikc|hCoV-19|USA/TX-HMW-MCoV-9452/2020|2020-07-03|EPI ISL 781130|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spikc|hCoV-19|France/IDF-10016DC/2020|2020-03-03|EPI ISL 447707|Original|hCoV-19^^France|Human|Hu00f4pital Henri-Mondor Ap-Hp|Hu00f4pital Henri-Mondor Ap-Hp|Rodriguez|France
>Spikc|hCoV-19|Scotland/GCVR-16FED7/2020|2020-03-23|EPI ISL 489618|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre | MRC University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikc|hCoV-19|Singapore/217/2020|2020-03-31|EPI ISL 462335|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
>Spike|hCoV-19/England/MILK-C60F8D/2020|2020-12-13|EPI_ISL_769253|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/Singapore/543/2020|2020-06-02|EPI_ISL_482691|Original|hCoV-19^^Singapore|Human|Singapore General Hospital|Department of Microbiology|Abdul Rahman|Singapore
>Spik|hCoV-19/England/EXET-1387BE/2020|2020-10-06|EPI_ISL_626810|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Tempert|United Kingdom
>Spik|hCoV-19/Australia/NSW245/2020|2020-03-30|EPI_ISL_451510|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spik|hCoV-19/Japan/PG-5643/2020|2020-04-00|EPI_ISL_688767|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spik|hCoV-19/England/ALDP-9B17BA/2020|2020-09-09|EPI_ISL_568137|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/205141216/2020|2020-12-16|EPI_ISL_762996|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Miah|United Kingdom
>Spik|hCoV-19/England/ALDP-B2627C/2020|2020-11-04|EPI_ISL_646678|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/Denmark/ALAB-SS1109/2020|2020-03-04|EPI_ISL_429341|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark
>Spik|hCoV-19/USA/TX-HMH-2751/2020|2020-06-04|EPI_ISL_545527|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19/USA/MN-MDH-1942/2020|2020-09-22|EPI_ISL_613481|Original|hCoV-19^^Minnesota|Human|Public Health Laboratory - Infectious Disease Lab|Minnesota Department of Health|Lorentz|USA
>Spik|hCoV-19/England/NORW-221F82/2020|2020-12-18|EPI_ISL_764484|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spik|hCoV-19/India/MH-ACTREC-273/2020|2020-07-10|EPI_ISL_699925|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
>Spik|hCoV-19/Cambodia/0012/2020|2020-01-27|EPI_ISL_411902|Original|hCoV-19^^Siem Reap|Human|Virology Unit|Virology Unit|Karlsson|Cambodia
>Spik|hCoV-19/Australia/WA391/2020|2020-10-21|EPI_ISL_605867|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia
>Spik|hCoV-19/England/MILK-B88D2C/2020|2020-11-13|EPI_ISL_675743|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/USA/CA-CZB-2095/2020|2020-04-26|EPI_ISL_486338|Original|hCoV-19^^California|Human|San Joaquin County Public Health Lab|Chan-Zuckerberg Biohub|McGeever|USA
>Spik|hCoV-19/Denmark/DGCC-1710/2020|2020-03-23|EPI_ISL_618313|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michael|Denmark
>Spik|hCoV-19/England/204300660/2020|2020-10-19|EPI_ISL_649814|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spik|hCoV-19/Japan/PG-3499/2020|2020-07-00|EPI_ISL_691608|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spik|hCoV-19/Japan/PG-8505/2020|2020-09-00|EPI_ISL_687604|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spik|hCoV-19/ES-CH-Euro|Original|hCoV-19|Europe|Human|Viral Genomics Unit|Viral Genomics Unit|Cuttino|Spain
>Spik|hCoV-19/ES-CH-UK|Original|hCoV-19|Europe|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

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Spike\hCoV-19/Northern Ireland/NIRE-234DDD/2020/2020-10-23|EPI_ISL_764261|Original|hCoV-19^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

Spike\hCoV-19/England/ALDP-8BF6AC/2020/2020-07-02|EPI_ISL_556586|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike\hCoV-19/USA/WI-UW-2559/2020/2020-12-29|EPI_ISL_788902|Original|hCoV-19^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

Spike\hCoV-19/Malaysia/UNIMAS-15766/2020/2020-11-09|EPI_ISL_718199|Original|hCoV-19^Sarawak|Human|Ministry of Health Hospitals|Institute of Health and Community Medicine|Jonathan|Malaysia

Spike\hCoV-19/Russia/KAM-RII-MH10719S/2020/2020-12-00|EPI_ISL_770684|Original|hCoV-19^Kamchatka|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

Spike\hCoV-19/England/CAMB-73FED/2020/2020-03-18|EPI_ISL_440356|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

Spike\hCoV-19/England/LOND-12F0C73/2020/2020-12-02|EPI_ISL_724597|Original|hCoV-19^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

Spike\hCoV-19/USA/TX-HMH-MCoV-14900/2020/2020-10-14|EPI_ISL_786384|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike\hCoV-19/England/MILK-ACD0C9/2020/2020-10-20|EPI_ISL_630018|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike\hCoV-19/England/NORW-EBD31/2020/2020-05-07|EPI_ISL_457503|Original|hCoV-19^England|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhani|United Kingdom

Spike\hCoV-19/USA/TX-HMH-MCoV-10265/2020/2020-07-07|EPI_ISL_789402|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike\hCoV-19/Switzerland/GR-ETHZ-270132/2020/2020-09-03|EPI_ISL_541465|Original|hCoV-19^Graub\u00fcnden|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

Spike\hCoV-19/Germany/NW-HHU-319/2020/2020-10-06|EPI_ISL_733527|Original|hCoV-19^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcfseldorf-Centrum GbR\u00dcBAG f\u00fcnden|Center of Medical Microbiology|Wienemann|Germany

Spike\hCoV-19/Brazil/RJ-0272/2020/2020-04-17|EPI_ISL_470638|Original|hCoV-19^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

Spike\hCoV-19/Denmark/DCGC-8309/2020/2020-10-26|EPI_ISL_617323|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

Spike\hCoV-19/Scotland/QEUE-96A26F/2020/2020-08-15|EPI_ISL_568384|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike\hCoV-19/Wales/MILK-9F029B/2020/2020-09-24|EPI_ISL_589767|Original|hCoV-19^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike\hCoV-19/Scotland/EDB10416/2020/2020-11-05|EPI_ISL_705751|Original|hCoV-19^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

Spike\hCoV-19/Scotland/CVR2987/2020/2020-04-23|EPI_ISL_439003|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

Spike\hCoV-19/England/QEUE-B6B202/2020/2020-11-11|EPI_ISL_662318|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England|EXET-139243/2020|2020-10-27|EPI_ISL_664124|Original|hCoV-19^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Tempret|United Kingdom
>Spike|hCoV-19|Japan|PG-6443/2020|2020-09-00|EPI_ISL_689549|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
>Spike|hCoV-19|Wales|PHWC-47EBBD/2020|2020-09-25|EPI_ISL_595564|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19|Italy|ABR-IZSGC-TE6575/2020|2020-03-24|EPI_ISL_429233|Original|hCoV-19^Abruzzo|Human|Ospedale Civile Giuseppe Mazzini|Istituto Zooprofilattico Sperimentale dell'Abbruzzo e Molise \G. Caporale\|Lorusso|Italy
>Spike|hCoV-19|England|ALDP-CB4764/2020|2020-12-19|EPI_ISL_760908|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|Wales|PHWC-49CCA7/2020|2020-12-08|EPI_ISL_742671|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19|England|ALDP-4ADFAA/2020|2020-06-08|EPI_ISL_559597|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Denmark|DCGC-11558/2020|2020-11-02|EPI_ISL_670993|Original|hCoV-19^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19|Scotland|EDBB8244/2020|2020-10-02|EPI_ISL_585495|Original|hCoV-19^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
>Spike|hCoV-19|England|QEUH-9CF8EE/2020|2020-09-16|EPI_ISL_589849|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Australia|VIC3805/2020|2020-07-14|EPI_ISL_520522|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19|USA|AK-PHL477/2020|2020-06-12|EPI_ISL_560562|Original|hCoV-19^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Chen|USA
>Spike|hCoV-19|USA|TX-HNH-7103/2020|2020-06-28|EPI_ISL_546505|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|England|CAMC-A3F7FA/2020|2020-10-07|EPI_ISL_609629|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|USA|MI-QDX-2271/2020|2020-03-14|EPI_ISL_604546|Original|hCoV-19^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19|Luxembourg|LNS075423/2020|2020-10-31|EPI_ISL_739827|Original|hCoV-19^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19|USA|VA-DCLS-2100/2020|2020-10-20|EPI_ISL_677138|Original|hCoV-19^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA
>Spike|hCoV-19|England|204490329/2020|2020-10-29|EPI_ISL_637178|Original|hCoV-19^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spike|hCoV-19|USA|VA-DCLS-0007/2020|2020-03-19|EPI_ISL_419258|Original|hCoV-19^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spike|hCoV-19|Vietnam|HCMC-35008/2020|2020-03-19|EPI_ISL_498184|unknown|hCoV-19^Ho Chi Minh City|Human|OUCRU|OUCRU|Nguyen|Vietnam
>Spike|hCoV-19|Netherlands|Gelderland_8/2020|2020-03-13|EPI_ISL_422644|Original|hCoV-19^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands
>Spike|hCoV-19|United Arab Emirates|I920691421/2020|2020-04-23|EPI_ISL_520739|Original|hCoV-19^United Arab Emirates|Human|Mohammed Bin Rashid
University of Medicine and Health Sciences | Al Jalila Genomics Center | Ramaswamy | United Arab Emirates

> Spike | hCoV-19 | Australia/VIC6193/2020 | 2020-07-23 | EPI_ISL_518195 | Original | hCoV-19 | Victoria | Human | Victorian Infectious Diseases Reference Laboratory (VIDRL) | VIDRL and MDU-PHL | Schultz | Australia

> Spike | hCoV-19 | USA/WI-UW-482/2020 | 2020-06-15 | EPI_ISL_484857 | Original | hCoV-19 | Wisconsin | Human | University of Wisconsin-Madison AIDS Vaccine Research Laboratories | University of Wisconsin-Madison AIDS Vaccine Research Laboratories | Baczenas | USA

> Spike | hCoV-19 | Netherlands/ZH-EMC-247/2020 | 2020-00-00 | EPI_ISL_523589 | Original | hCoV-19 | Zuid Holland | Human | Dutch COVID-19 response team | Erasmus Medical Center | Oude Munnik | Netherlands

> Spike | hCoV-19 | Singapore/596/2020 | 2020-06-22 | EPI_ISL_483619 | Original | hCoV-19 | Singapore | Human | National Public Health Laboratory | National Public Health Laboratory | Mak | Singapore

> Spike | hCoV-19 | Singapore/722/2020 | 2020-06-24 | EPI_ISL_500543 | Original | hCoV-19 | Singapore | Human | Singapore General Hospital | Department of Microbiology | Abdul Rahman | Singapore

> Spike | hCoV-19 | England/CAMB-8141A/2020 | 2020-04-10 | EPI_ISL_442585 | Original | hCoV-19 | England | Human | Department of Pathology | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Amato | United Kingdom

> Spike | hCoV-19 | Wales/QUEUH-AD41F9/2020 | 2020-10-26 | EPI_ISL_647942 | Original | hCoV-19 | Wales | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom

> Spike | hCoV-19 | England/20132000904/2020 | 2020-03-19 | EPI_ISL_423703 | Original | hCoV-19 | England | Human | Respiratory Virus Unit | Respiratory Virus Unit | Platt | United Kingdom

> Spike | hCoV-19 | Denmark/DCGC-18927/2020 | 2020-12-07 | EPI_ISL_748644 | Original | hCoV-19 | Midtjylland | Human | Department of Virus and Microbiological Special Diagnostics | Albertsen Lab | Michaelersen | Denmark

> Spike | hCoV-19 | England/ALDP-5A11AF/2020 | 2020-06-13 | EPI_ISL_558730 | Original | hCoV-19 | England | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> Spike | hCoV-19 | USA/FL-BPHL-2242/2020 | 2020-07-05 | EPI_ISL_666864 | Original | hCoV-19 | Florida | Human | Florida Bureau of Public Health Laboratories | Florida Bureau of Public Health Laboratories | Blanton | USA

> Spike | hCoV-19 | Denmark/DCGC-14993/2020 | 2020-11-23 | EPI_ISL_713567 | Original | hCoV-19 | Denmark | Human | Department of Virus and Microbiological Special Diagnostics | Albertsen Lab | Michaelersen | Denmark

> Spike | hCoV-19 | USA/CA-CHLA-PLM28080902/2020 | 2020-11-29 | EPI_ISL_753527 | Original | hCoV-19 | California | Human | Clinical virology Laboratory | Center for Personalized Medicine | Dien Bard | USA

> Spike | hCoV-19 | England/CAMB-844F9/2020 | 2020-04-17 | EPI_ISL_443584 | Original | hCoV-19 | England | Human | Department of Pathology | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Amato | United Kingdom

> Spike | hCoV-19 | Australia/VIC10475/2020 | 2020-07-18 | EPI_ISL_562927 | Original | hCoV-19 | Victoria | Human | Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) | MDU-PHL | Schultz | Australia

> Spike | hCoV-19 | England/QUEUH-7840FE/2020 | 2020-07-15 | EPI_ISL_533220 | Original | hCoV-19 | England | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> Spike | hCoV-19 | England/MILK-A6A2E6/2020 | 2020-10-09 | EPI_ISL_626899 | Original | hCoV-19 | England | Human | Virology Department | COVID-19 Genomics UK (COG-UK) Consortium | de Silva | United Kingdom

> Spike | hCoV-19 | Belgium/KA-03042/2020 | 2020-03-04 | EPI_ISL_417424 | Original | hCoV-19 | Kasterlee | Human | KU Leuven | KU Leuven | Maes | Belgium

> Spike | hCoV-19 | England/ALDP-AA1140/2020 | 2020-10-21 | EPI_ISL_624975 | Original | hCoV-19 | England | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom
Spike|hCoV-19|USA/UT-UPHL-2012506501/2020|2020-08-11|EPI_ISL_745979|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA
Spike|hCoV-19|England/MILK-9944C0/2020|2020-08-25|EPI_ISL_552346|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Brazil/RJ-00540/2020|2020-10-29|EPI_ISL_717924|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil
Spike|hCoV-19|USA/AZ-TG668357/2020|2020-05-13|EPI_ISL_696278|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA
Spike|hCoV-19|Wales/PHWC-16DE8E/2020|2020-09-30|EPI_ISL_585633|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19|USA/CA-CZB-13063/2020|2020-05-18|EPI_ISL_672333|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA
Spike|hCoV-19|USA/OR-OHSU-0508/2020|2020-06-05|EPI_ISL_525826|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Ginkgo Bioworks Clinical Laboratory|O'Roak|USA
Spike|hCoV-19|Australia/VIC3007/2020|2020-07-08|EPI_ISL_521837|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19|Belgium/ULG-10695/2020|2020-10-26|EPI_ISL_636667|Original|hCoV-19^^Li|u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
Spike|hCoV-19|Australia/VIC9293/2020|2020-00-00|EPI_ISL_565489|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19|Israel/2089383/2020|2020-04-01|EPI_ISL_447370|Original|hCoV-19^^Jerusalem District|Human|Clinical Virology Unit|Stern Lab|Miller|Israel
Spike|hCoV-19|Wales/PHWC-168454/2020|2020-06-05|EPI_ISL_494242|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19|USA/CA-CDPH158/2020|2020-09-29|EPI_ISL_755031|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA
Spike|hCoV-19|Israel/CVL-n1750/2020|2020-03-04|EPI_ISL_649099|Original|hCoV-19^^Sdema|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel
Spike|hCoV-19|USA/TX-DSHS-1415/2020|2020-06-09|EPI_ISL_671635|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
Spike|hCoV-19|USA/TX-HMH-2633/2020|2020-06-05|EPI_ISL_545440|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|USA/WY-WPHL-20150313/2020|2020-11-24|EPI_ISL_770106|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA
Spike|hCoV-19|Wales/PHWC-49CC3E/2020|2020-12-07|EPI_ISL_742664|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19|England/MILK-A7C5AC2020|2020-10-15|EPI_ISL_607403|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/CAMC-B232AC/2020|2020-11-03|EPI_ISL_650713|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
Spike|hCoV-19|Belgium/ULG-10030/2020|2020-03-31|EPI_ISL_421204|Original|hCoV-19^^Li|u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
> Spike|hCoV-19/England/CAMC-A81164/2020|2020-10-13|EPI_ISL_610779|Original|hCoV-19
> England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/Japan/DP0457/2020|2020-02-16|EPI_ISL_416601|Original|hCoV-19
> Japan|Human|Japanese Quarantine Stations|Pathogen Genomics Center|Sekizuka|Japan
> Spike|hCoV-19/USA/MN-MDH-2047/2020|2020-11-05|EPI_ISL_654728|Original|hCoV-19
> Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA
> Spike|hCoV-19/England/MILK-9AB781/2020|2020-08-31|EPI_ISL_549459|Original|hCoV-19
> England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
> Spike|hCoV-19/England/MILK-A44A71/2020|2020-10-07|EPI_ISL_598634|Original|hCoV-19
> England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/MILK-8616D6/2020|2020-07-17|EPI_ISL_557477|Original|hCoV-19
> England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Australia/VIC5104/2020|2020-07-19|EPI_ISL_519907|Original|hCoV-19
> Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19/USA/CA-CZB-1452/2020|2020-04-07|EPI_ISL_468415|Original|hCoV-19
> California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Hao|USA
> Spike|hCoV-19/USA/WA-S2433/2020|2020-06-14|EPI_ISL_497065|Original|hCoV-19
> Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
> Spike|hCoV-19/USA/TX-HMH-8072/2020|2020-07-01|EPI_ISL_545838|Original|hCoV-19
> Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19/Brunei/4/2020|2020-03-21|EPI_ISL_435676|Original|hCoV-19
> Brunei|Human|National Virology Reference Laboratory|National Public Health Laboratory|Mak|Brunei
> Spike|hCoV-19/USA/CA-QDX-2052/2020|2020-03-21|EPI_ISL_604321|Original|hCoV-19
> California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
> Spike|hCoV-19/United Arab Emirates/0055/2020|2020-05-18|EPI_ISL_698263|Original|hCoV-19
> Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
> Spike|hCoV-19/Wales/PHWC-16A23A/2020|2020-09-04|EPI_ISL_535219|Original|hCoV-19
> Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Wales/PHWC-485315/2020|2020-10-23|EPI_ISL_628168|Original|hCoV-19
> Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Australia/SAP548/2020|2020-11-14|EPI_ISL_654795|Original|hCoV-19
> South Australia|Human|SA Pathology|SA Pathology|Leong|Australia
> Spike|hCoV-19/England/QEUH-9F8916/2020|2020-09-27|EPI_ISL_588778|Original|hCoV-19
> England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|de Silva|United Kingdom
> Spike|hCoV-19/USA/CA-CZB-14323/2020|2020-07-29|EPI_ISL_738819|Original|hCoV-19
> California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA
> Spike|hCoV-19/England/SHEF-C72B4/2020|2020-03-23|EPI_ISL_432838|Original|hCoV-19
> England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
> Spike|hCoV-19/USA/CA-CZB-124797/2020|2020-03-25|EPI_ISL_440004|Original|hCoV-19
> California|Human|HPE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
> Spike|hCoV-19/Wales/MILK-992028/2020|2020-08-27|EPI_ISL_540895|Original|hCoV-19
> Wales|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
Spike|hCoV-19/England/20110005006/2020|2020-03-08|EPI_ISL_417305|Original|hCoV-19|England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
Spike|hCoV-19/England/MILK-B56862/2020|2020-11-06|EPI_ISL_656976|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/USA/MD-HP12065/2020|2020-11-27|EPI_ISL_791397|Original|hCoV-19|Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morris|USA
Spike|hCoV-19/Australia/VIC7251/2020|2020-07-27|EPI_ISL_564314|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19/Australia/VIC2154/2020|2020-06-15|EPI_ISL_480763|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19/Luxembourg/LNS5971805/2020|2020-04-05|EPI_ISL_428954|Original|hCoV-19|Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Wienecke-Baldacchino|Luxembourg
Spike|hCoV-19/England/CAMC-A40EF1/2020|2020-10-06|EPI_ISL_609418|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/NORW-222C6A/2020|2020-12-19|EPI_ISL_741510|Original|hCoV-19|England|Human|Quadrum Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
Spike|hCoV-19/Northern Ireland/QEUH-8A40D9/2020|2020-07-23|EPI_ISL_532801|Original|hCoV-19|Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Wales/PHWC-497D03/2020|2020-11-30|EPI_ISL_726964|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/Scotland/QEUH-9F37D5/2020|2020-09-25|EPI_ISL_600766|Original|hCoV-19|Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/WI-UW-2386/2020|2020-10-27|EPI_ISL_728151|Original|hCoV-19|Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
Spike|hCoV-19/England/ALDP-709668/2020|2020-06-30|EPI_ISL_557599|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/India/MH-ACTREC-684/2020|2020-09-22|EPI_ISL_700309|Original|hCoV-19|Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Platt|India
Spike|hCoV-19/England/QEUH-BFOA8F/2020|2020-12-05|EPI_ISL_709077|Original|hCoV-19|England|Human|Lighthouse Lab in Glassg|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/England/ALDP-9EAD93/2020|2020-09-24|EPI_ISL_579933|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/MILK-B86395/2020|2020-11-13|EPI_ISL_673912|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/Scotland/QEUH-9610AA/2020|2020-08-05|EPI_ISL_531951|Original|hCoV-19|Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/MA-MGH-03528/2020|2020-11-27|EPI_ISL_765874|Original|hCoV-19|Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA
Spike|hCoV-19/Netherlands/Zeeland_19/2020|2020-03-24|EPI_ISL_461257|Original|hCoV-19^^Zeeland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
Spike|hCoV-19/USA/LA-EVTL454/2020|2020-06-22|EPI_ISL_578858|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/Japan/PG-3620/2020|2020-04-00|EPI_ISL_691873|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19/Netherlands/UT-RIVM-20363/2020|2020-12-07|EPI_ISL_728583|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
Spike|hCoV-19/England/MILK-9E229C/2020|2020-09-20|EPI_ISL_581187|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Sweden/20-52779/2020|2020-08-25|EPI_ISL_651018|Original|hCoV-19^^Vastmanland|Human|Klinisk Mikrobiologi|The Public Health Agency of Sweden|Svartströ|006|Sweden
Spike|hCoV-19/Canada/QC-LSPQ-L00220369/2020|2020-03-15|EPI_ISL_535798|Original|hCoV-19^^Quebec|Human|H\u00e9u00e9pital r\u00e9gional de Saint-J\u00e9r\u00e9me|Laboratoire de sant\u00e9|006|Quebec|Canada
Spike|hCoV-19/Wales/PHW2-48C0F9/2020|2020-11-07|EPI_ISL_666393|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/Russia/PR1-RRI-MH74S/2020|2020-08-07|EPI_ISL_733005|Original|hCoV-19^^Primorsky|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Kommisar|Russia
Spike|hCoV-19/Portugal/PT0447/2020|2020-03-27|EPI_ISL_454171|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saúde (INS) Borges|Portugal
Spike|hCoV-19/Scotland/CS4402/2020|2020-09-21|EPI_ISL_585276|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
Spike|hCoV-19/USA/UT-UPHL-2012970003/2020|2020-08-06|EPI_ISL_746083|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA
Spike|hCoV-19/India/UT-AR62/2020|2020-06-08|EPI_ISL_508199|Original|hCoV-19^^Uttarakhand|Human|All india institute of Medical Sciences Rishikesh|National Institute of Biomedical Genomics|Maitra|India
Spike|hCoV-19/England/ALDP-94E805/2020|2020-06-17|EPI_ISL_555347|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/CA-CZB-6719/2020|2020-08-18|EPI_ISL_582980|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA
Spike|hCoV-19/USA/AZ-TG280848/2020|2020-04-21|EPI_ISL_694189|Original|hCoV-19^^Arizona|Human|AZ SPHL|TG280848|AZ|USA
Spike|hCoV-19/Japan/PG-6205/2020|2020-08-00|EPI_ISL_689317|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19/England/QEUH-BC37BE/2020|2020-11-25|EPI_ISL_704192|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/England/MILK-B38DC1/2020|2020-11-01|EPI_ISL_658890|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/Mexico/BCN-ALSR-4910/2020|2020-07-17|EPI_ISL_730208|Original|hCoV-19^^Baja California|Human|Genomica Lab Molecular|Andersen lab at Scripps Research|Gangavaranup|Mexico
Spike|hCoV-19/USA/TX-HMW-MCoV-13276/2020|2020-08-25|EPI_ISL_788424|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/Canada/ON-UHTC_0147/2020|2020-06-09|EPI_ISL_526281|Original|hCoV-19
^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

Spike|hCoV-19/England/ALDP-B5BE2F/2020|2020-11-09|EPI_ISL_655710|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/USA/TX-HMH-McoV-12353/2020|2020-09-25|EPI_ISL_790312|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19/England/ALDP-51D44B/2020|2020-06-02|EPI_ISL_559029|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/England/CMAC-A5861C/2020|2020-10-09|EPI_ISL_597136|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/Australia/Northern Ireland/NIRE-103EC6/2020|2020-12-05|EPI_ISL_790312|Original|hCoV-19
^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/Scotland/CVR4539/2020|2020-09-22|EPI_ISL_585398|Original|hCoV-19
^Scotland|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/Scotland/CVR1346/2020|2020-03-31|EPI_ISL_438793|Original|hCoV-19
^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

Spike|hCoV-19/England/20136088602/2020|2020-03-23|EPI_ISL_420640|Original|hCoV-19
^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/France/PAC-SC446/2020|2020-03-18|EPI_ISL_644710|Original|hCoV-19^^Provence-Alpes-Côte d'Azur|Human|Unit\u00e9 des Virus u00c9mergents\nCNR Virus des Infections Respiratoires - France SU\n|France
>Spике|hCoV-19/Australia/VIC6984/2020|2020-07-23|EPI_ISL_564180|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL\nand MDU-PHL|Schultz|Australia
>Spике|hCoV-19/England/ALDP-AA3FF/2020|2020-10-22|EPI_ISL_630825|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spике|hCoV-19/USA/MD-HP12081/2020|2020-11-24|EPI_ISL_791406|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morris|USA
>Spике|hCoV-19/England/NOR-N1620/2020|2020-02-26|EPI_ISL_414624|Original|hCoV-19^^Normandie|Human|Centre Hospitalier Universitaire de Rouen Laboratoire de Virologie|National Reference Center for Viruses of Respiratory Infections|Enouf|France
>Spике|hCoV-19/Kenya/C8377/2020|2020-05-17|EPI_ISL_568859|Original|hCoV-19^^Taita Taveta|Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMRC Kilifi|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMRC Kilifi|Githinji|Kenya
>Spике|hCoV-19/Denmark/DCGC-2451/2020|2020-08-10|EPI_ISL_617411|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spике|hCoV-19/Wales/PHWC-47E704/2020|2020-10-04|EPI_ISL_595492|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spике|hCoV-19/England/ALDP-9DEEBB/2020|2020-05-03|EPI_ISL_589550|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spике|hCoV-19/USA/NY-Wadsworth-192866-01/2020|2020-06-17|EPI_ISL_676998|Original|hCoV-19^^New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA
>Spике|hCoV-19/England/BRIM-63C9E/2020|2020-08-29|EPI_ISL_576877|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Golубчик|United Kingdom
>Spике|hCoV-19/England/ALDP-A52050/2020|2020-10-07|EPI_ISL_598118|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spике|hCoV-19/England/QEUH-89E2AF/2020|2020-07-24|EPI_ISL_532729|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spике|hCoV-19/England/QEUH-AB47AE/2020|2020-10-21|EPI_ISL_652813|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golубчик|United Kingdom
>Spике|hCoV-19/Canada/ON-SN944/2020|2020-04-14|EPI_ISL_591266|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
>Spике|hCoV-19/Belgium/ITM-C5182/2020|2020-03-16|EPI_ISL_582127|Original|hCoV-19^^Edegem|Human|Antwerp University Hospital|Institute of Tropical Medicine|Selhorst|Belgium
>Spике|hCoV-19/USA/CA-ALSR-2412/2020|2020-07-02|EPI_ISL_635467|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spике|hCoV-19/England/MILK-CA459A/2020|2020-12-16|EPI_ISL_762318|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spике|hCoV-19/France/BRE-IPP9946/2020|2020-09-09|EPI_ISL_693760|Original|hCoV-19^^Bretagne|Human|Hospital|National Reference Center for Viruses of Respiratory Infections|Enouf|France
>Spике|hCoV-19/Australia/VIC1504/2020|2020-04-30|EPI_ISL_456468|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory
(VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
> Spike|hCoV-19/USA/MN-MDH-2062/2020|2020-11-06|EPI_ISL_683691|Original|hCoV-19^^Minnesota|Human|Essentia Health-St. Mary's Medical Center|Minnesota Department of Health|Garfin|USA
> Spike|hCoV-19/Spain/AN-IBV-002020/2020|2020-03-16|EPI_ISL_509630|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda. HRU de M\u00e9dula. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain
> Spike|hCoV-19/USA/MA-QDX-114/2020|2020-03-14|EPI_ISL_467850|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) consortium|Haldenby|United Kingdom
> Spike|hCoV-19/England/LIVE-194/2020|2020-03-21|EPI_ISL_499696|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom
> Spike|hCoV-19/England/LIVE-6242/2020|2020-03-21|EPI_ISL_499696|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) consortium|Haldenby|United Kingdom
> Spike|hCoV-19/USA/FL-BPHL-1188/2020|2020-08-20|EPI_ISL_526674|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
> Spike|hCoV-19/USA/TX-HMH-MCoV-18259/2020|2020-11-17|EPI_ISL_784607|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19/USA/MI-UM-10036138458/2020|2020-09-25|EPI_ISL_583423|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
> Spike|hCoV-19/DRC/3041/2020|2020-04-18|EPI_ISL_437356|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Amuri|Democratic Republic of the Congo
> Spike|hCoV-19/England/CAMC-9EC0F2/2020|2020-09-22|EPI_ISL_580396|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/205260439/2020|2020-09-25|EPI_ISL_766551|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) consortium|Platt|United Kingdom
> Spike|hCoV-19/Japan/PG-5285/2020|2020-07-01|EPI_ISL_690388|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
> Spike|hCoV-19/Wales/PHWC-16F217/2020|2020-09-29|EPI_ISL_585931|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom
> Spike|hCoV-19/Denmark/DGCC-19968/2020|2020-12-07|EPI_ISL_747898|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaellsen|Denmark
> Spike|hCoV-19/Wales/MILK-9EC0C7/2020|2020-09-29|EPI_ISL_601316|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/NY-NYUMC278/2020|2020-04-04|EPI_ISL_428792|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
> Spike|hCoV-19/England/LIVE-1D14C/2020|2020-05-13|EPI_ISL_572687|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) consortium|Haldenby|United Kingdom
>Spike|hCoV-19/USA-CALABSR-2616/2020|2020-07-11|EPI_ISL_635589|Original|hCoV-19^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/USA/MI-UM-1003692268/2020|2020-10-29|EPI_ISL_682126|Original|hCoV-19^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valeano|USA
>Spike|hCoV-19/England/ALDP-C485D4/2020|2020-12-13|EPI_ISL_736653|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/UT-UPHL-2012642336/2020|2020-11-30|EPI_ISL_746977|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA
>Spike|hCoV-19/England/QUEUH-AIDA9F/2020|2020-09-29|EPI_ISL_587384|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-92686D/2020|2020-06-23|EPI_ISL_552812|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Ireland/DL-4406/2020|2020-04-06|EPI_ISL_666688|Original|hCoV-19^Donegal|Human|National Virus Reference Lab (NVRL)|Irish Coronavirus Sequencing Consortium|Teagasc Grange|McCabe|Ireland
>Spike|hCoV-19/Mexico/NLE-UANL-034/2020|2020-12-05|EPI_ISL_779195|Original|hCoV-19^Nuevo Leon|Human|Laboratorio Estatal de Salud Publica de Nuevo Leon|Laboratorio de Infectologia|Gal|Mexico
>Spike|hCoV-19/England/QUEUH-BCE2F/2020|2020-11-26|EPI_ISL_704434|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Netherlands/ZH-EMC-496/2020|2020-00-00|EPI_ISL_577925|Original|hCoV-19^Zuid Holland|Human|Dutch COVID-19 response team|Erasus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/England/MILK-97/17EE/2020|2020-08-18|EPI_ISL_553144|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-A9116I/2020|2020-10-16|EPI_ISL_638506|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK^COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-18205/2020|2020-12-14|EPI_ISL_749814|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Belgium/rega-10191303/2020|2020-10-19|EPI_ISL_735206|Original|hCoV-19^Bost|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Spike|hCoV-19/Japan/PG-4406/2020|2020-07-00|EPI_ISL_692632|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Kazama|Japan
>Spike|hCoV-19/England/ALDP-95A569/2020|2020-06-12|EPI_ISL_553441|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/MA-MGH-00588/2020|2020-03-28|EPI_ISL_460115|Original|hCoV-19^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA
>Spike|hCoV-19/Wales/PHWC-28239/2020|2020-03-27|EPI_ISL_432148|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Laboratory|Cardiff|Moore|United Kingdom
>Spike|hCoV-19/England/CAMB-82D1E/2020|2020-04-12|EPI_ISL_443467|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/United Arab Emirates/skmc-3943985/2020|2020-09-25|EPI_ISL_582691|Original|hCoV-19^United Arab Emirates|Human|Sheikh Khalifa Medical City|Molecular/Surveillance lab\nSheikh Khalifa Medical City|Amirtharaj|United Arab Emirates
>Spike|hCoV-19|Scotland|EDB3282/2020|2020-04-08|EPI_ISL_488978|Original|hCoV-19\^\~\~Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp|e|hCoV-19|England|ALDP-49A474/2020|2020-06-13|EPI_ISL_559395|Original|hCoV-19\^\~\~England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp|hCoV-19^\~\~Australia/NSW1244/2020|2020-12-16|EPI ISL 740875|Original|hCoV-19^\~\~New South Wales|Human|Pathology North - Royal North Shore Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Sp|hCoV-19^\~\~England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp|hCoV-19^\~\~Illinois|Human|IL Department of Public Health Chicago Laboratory|Pathogen Discovery|Queen|USA
>Sp|hCoV-19^\~\~USA/ID-UW-2127/2020|2020-03-21|EPI_ISL_426057|Original|hCoV-19^\~\~Idaho|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Sp|hCoV-19|USA/CA-ALS|2225/2020|2020-06-28|EPI_ISL_635393|Original|hCoV-19^\~\~California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Sp|hCoV-19|USA/IL_0089/2020|2020-03-07|EPI_ISL_424851|Original|hCoV-19^\~\~Illinois|Human|IL Department of Public Health Chicago Laboratory|Pathogen Discovery|Queen|USA
>Sp|hCoV-19|USA/CA-ALS|3645/2020|2020-09-28|EPI ISL 636123|Original|hCoV-19^\~\~California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Sp|hCoV-19|USA/CA-ALS|2472/2020|2020-12-14|EPI ISL 777650|Original|hCoV-19^\~\~England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp|hCoV-19|France/OCC-80/2020|2020-06-19|EPI ISL 593891|Original|hCoV-19^\~\~Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\^u00e9\u00e9ratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut F\^u00e9ratif de Biologie|Latour|France
>Sp|hCoV-19|Denmark/DGCC-3022/2020|2020-08-24|EPI ISL 616800|Original|hCoV-19^\~\~Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Micheelsen|Denmark
>Sp|hCoV-19|Belgium/rega-0417521/2020|2020-04-17|EPI ISL 734613|Original|hCoV-19^\~\~Kortenberg|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Sp|hCoV-19/Australia/NSW705/2020|2020-07-25|EPI ISL 513348|Original|hCoV-19^\~\~New South Wales|Human|4Cyte Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Sp|hCoV-19/USA/WI-UW-2472/2020|2020-12-28|EPI ISL 759746|Original|hCoV-19^\~\~Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA
>Sp|hCoV-19/England/SHEF-D19B2/2020|2020-04-14|EPI ISL 453767|Original|hCoV-19^\~\~England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) consortium|de Silva|United Kingdom
>Sp|hCoV-19/Canada/ON-PHL-3380/2020|2020-03-00|EPI ISL 418350|Original|hCoV-19^\~\~Ontario|Human|Public Health Ontario Laboratories|Public Health Ontario Laboratories|Eshaghi|Canada
>Spike|hCoV-19|Wales/PHWC-164607/2020|2020-05-10|EPI_ISL_474204|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/CA-ALSR-3147/2020|2020-08-19|EPI_ISL_635877|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavaranu|USA
>Spike|hCoV-19/England/QEUH-A4D5FF/2020|2020-10-04|EPI_ISL_628606|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/USA/PA-MGEL-00709/2020|2020-09-08|EPI_ISL_682037|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|MDU diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/England/ALDP-A2DBD5/2020|2020-10-05|EPI_ISL_586823|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom
>Spike|hCoV-19/Portugal/PT0695/2020|2020-03-14|EPI_ISL_510954|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal
>Spike|hCoV-19/Denmark/DCGC-1697/2020|2020-06-29|EPI_ISL_618173|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/NY-NYCPHL-000079/2020|2020-03-12|EPI_ISL_631572|Original|hCoV-19^^New York|Human|NYC Department of Health And Mental Hygiene|New York City Public Health Laboratory|Wang|USA
>Spike|hCoV-19/England/CAMB-83D86/2020|2020-04-23|EPI_ISL_438689|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Wales/PHWC-4809AF/2020|2020-10-22|EPI_ISL_612957|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Australia/VIC4567/2020|2020-07-11|EPI_ISL_518976|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Wales/MILK-9950AD/2020|2020-08-24|EPI_ISL_552417|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom
>Spike|hCoV-19/Belgium/ULG-10525/2020|2020-10-23|EPI_ISL_626327|Original|hCoV-19^^Belgium|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
>Spike|hCoV-19/England/QEUH-B9EFB4/2020|2020-11-18|EPI_ISL_719640|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19|England/2014022504/2020|2020-03-27|EPI_ISL_420765|Original|hCoV-19
>England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spikes|hCoV-19|Belgium/rega-10181112/2020|2020-10-18|EPI_ISL_735133|Original|hCoV-19
>Sint-Joris-Weert|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Spikes|hCoV-19|Denmark/DGC-15967/2020|2020-11-23|EPI_ISL_714510|Original|hCoV-19
>Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spikes|hCoV-19|Denmark/DGC-6870/2020|2020-10-12|EPI_ISL_619715|Original|hCoV-19
>Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spikes|hCoV-19|Scotland/QEUH-9A4F6D/2020|2020-09-01|EPI_ISL_568368|Original|hCoV-19
>Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19|Wales/PHWC-2A729/2020|2020-04-06|EPI_ISL_445612|Original|hCoV-19
>Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spikes|hCoV-19|Denmark/DGC-12995/2020|2020-12-07|EPI_ISL_712516|Original|hCoV-19
>Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spikes|hCoV-19|Australia/VIC9973/2020|2020-08-26|EPI_ISL_565816|Original|hCoV-19
>Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spikes|hCoV-19|England/MILK-B8C8DC/2020|2020-11-12|EPI_ISL_675808|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spikes|hCoV-19|Wales/PHWC-16531E/2020|2020-06-07|EPI_ISL_479451|Original|hCoV-19
>Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spikes|hCoV-19|USA/TX-HMH-MCoV-15415/2020|2020-10-20|EPI_ISL_786899|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spikes|hCoV-19|env/Brazil/RJ-4712/2020|2020-04-22|EPI_ISL_541397|Original|hCoV-19
>Rio de Janeiro|Environment|Laborat\u00f3rio de Virologia Comparada e Ambiental-LVCA-IOC|Laboratory of Respiratory Viruses and Measles|Silva|Brazil
>Spikes|hCoV-19|Turkey/IST-GLAB-273/2020|2020-05-21|EPI_ISL_735328|Original|hCoV-19
>Istanbul|Human|Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)|Genomic Laboratory (GLAB)|Karacan|Turkey
>Spikes|hCoV-19|Denmark/DGC-18998/2020|2020-12-07|EPI_ISL_748689|Original|hCoV-19
>Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spikes|hCoV-19|England/SHEF-10B2CE8/2020|2020-05-12|EPI_ISL_537241|Original|hCoV-19
>England|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19|Russia/SVE-RII-MH1927S/2020|2020-09-17|EPI_ISL_602368|Original|hCoV-19
>Sverdlovsk|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Spikes|hCoV-19|England/20212010104/2020|2020-05-18|EPI_ISL_465673|Original|hCoV-19
>England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spikes|hCoV-19|USA/TX-HMH-MCoV-14540/2020|2020-10-08|EPI_ISL_787825|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spikes|hCoV-19|England/QEUH-B7DD2A/2020|2020-11-14|EPI_ISL_741918|Original|hCoV-19
>England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spikes|hCoV-19|Wales/PHWC-49A9FD/2020|2020-12-03|EPI_ISL_727630|Original|hCoV-19
>Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spikes|hCoV-19|Germany/BE-ChVir-D2022-4412/2020|2020-10-10|EPI_ISL_753905|Original|hCoV-19
>Berlin|Human|Charit\u00e9|Charit\u00e9
>Universit\u00e9\u00e4 Univesitetsmedizin Berlin|Charit\u00e9
>Charit\u00e9
>Universit\u00e9\u00e4 Univesitetsmedizin Berlin|Muehlemann|Germany
>Spike|hCoV-19/England/SHEF-CD315/2020|2020-04-01|EPI_ISL_432542|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Australia/VIC6311/2020|2020-07-23|EPI_ISL_518299|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-UW-4760/2020|2020-03-28|EPI_ISL_429621|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/AZ-TG654320/2020|2020-04-29|EPI_ISL_695973|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/BRIS-12D655/2020|2020-05-06|EPI_ISL_481816|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-10PD45/2020|2020-04-08|EPI_ISL_441439|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/TX-HMM015/2020|2020-03-22|EPI_ISL_434850|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/MB-NML-649/2020|2020-03-16|EPI_ISL_632928|Original|hCoV-19^^Manitoba|Human|Cadham Provincial laboratory|Cadham Provincial laboratory|Majer|Canada

>Spike|hCoV-19/England/CAMB-1B9C2F/2020|2020-11-09|EPI_ISL_664964|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2100042764/2020|2020-11-27|EPI_ISL_771358|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Pulpic Health and Environment|Bankers|USA

>Spike|hCoV-19/England/ALDP-95B01C/2020|2020-06-14|EPI_ISL_555600|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-6507/2020|2020-04-04|EPI_ISL_437853|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/BRIS-1257B4/2020|2020-03-28|EPI_ISL_443766|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/TX-HMM-MCoV-12759/2020|2020-08-19|EPI_ISL_790508|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CO-CSU-D1050-2/2020|2020-05-06|EPI_ISL_527427|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/England/ALDP-50EF97/2020|2020-06-10|EPI_ISL_558980|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-CC2E5F/2020|2020-12-21|EPI_ISL_760643|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC15292/2020|2020-09-27|EPI_ISL_593238|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMM-MCoV-10003/2020|2020-07-06|EPI_ISL_789282|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/BIRM-67966/2020|2020-11-04|EPI_ISL_650742|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4104/2020|2020-09-14|EPI_ISL_622060|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsens lab|Michaelensen|Denmark

>Spike|hCoV-19/Portugal/PT1626/2020|2020-07-11|EPI_ISL_693532|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal
>Spike|hCoV-19/England/MILK-A7B2E2/2020|2020-10-14|EPI_ISL_607514|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spie|hCoV-19/Spain/CT-IBV-005555/2020|2020-03-18|EPI_ISL_508678|Original|hCoV-19
>Catalunya|Human|Departamento de Microbiologia\u00eda|SeqCOVID-SPAIN

>Spie|hCoV-19/South Africa/KRISP-K002843/2020|2020-08-30|EPI_ISL_602659|Original|hCoV-19
>KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spie|hCoV-19/USA/WI-GMF-26670/2020|2020-10-19|EPI_ISL_660960|Original|hCoV-19
>Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spie|hCoV-19/USA/PA-MGEL123/2020|2020-00-00|EPI_ISL_454395|Original|hCoV-19
>Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genome Sequencing Center|Mustapha|USA

>Spie|hCoV-19/England/QEUH-9DC981/2020|2020-09-21|EPI_ISL_581083|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spie|hCoV-19/England/ALDP-B5DF57/2020|2020-11-09|EPI_ISL_723615|Original|hCoV-19
>England|Human|Northumbria University / South Tays Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tays and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spie|hCoV-19/Scotland/QEUH-9D0B4B/2020|2020-09-16|EPI_ISL_601806|Original|hCoV-19
>Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spie|hCoV-19/Wales/QEUH-9635A9/2020|2020-08-10|EPI_ISL_531630|Original|hCoV-19
>Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spie|hCoV-19/England/QEUH-BCE1B5/2020|2020-11-26|EPI_ISL_704376|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spie|hCoV-19/England/ALDP-5C3A7F/2020|2020-06-19|EPI_ISL_558774|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spie|hCoV-19/England/CAMC-B9AFF4/2020|2020-11-15|EPI_ISL_673376|Original|hCoV-19
>England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spie|hCoV-19/Canada/ON-PHL-20-00002/2020|2020-00-00|EPI_ISL_548685|Original|hCoV-19
>Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spie|hCoV-19/England/QEUH-87DD1E/2020|2020-07-26|EPI_ISL_532760|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spie|hCoV-19/England/DCGC-7444/2020|2020-10-12|EPI_ISL_619362|Original|hCoV-19
>Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaellsen|Denmark

>Spie|hCoV-19/England/204581600/2020|2020-11-06|EPI_ISL_678701|Original|hCoV-19
>England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spie|hCoV-19/England/MILK-A69F3B/2020|2020-10-09|EPI_ISL_608825|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spie|hCoV-19/USA/AZ-TG664544/2020|2020-04-20|EPI_ISL_696161|Original|hCoV-19
>Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spie|hCoV-19/England/20104035803/2020|2020-03-03|EPI_ISL_417238|Original|hCoV-19
>England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
> Spike|hCoV-19/USA/CA-CSM59/2020|2020-04-13|EPI_ISL_475672|Original|hCoV-19|California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA
> Spike|hCoV-19/England/QEUH-B3FF6A/2020|2020-11-08|EPI_ISL_657064|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/England/CAMC-A819E4/2020|2020-10-14|EPI_ISL_610780|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/LA-EVT494/2020|2020-07-30|EPI_ISL_578898|Original|hCoV-19|Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
> Spike|hCoV-19/USA/TX-HMH-MCOv-19044/2020|2020-11-24|EPI_ISL_783596|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19/Wales/PHWC-4A5C32/2020|2020-12-13|EPI_ISL_764962|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Russia/MOS-CRIE7162018/2020|2020-08-24|EPI_ISL_653922|Original|hCoV-19|Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science |Central Research Institute of Epidemiology|of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology|
> Samoilov|Russia
> Spike|hCoV-19/Norway/6421/2020|2020-12-02|EPI_ISL_759986|Original|hCoV-19|Troms og Finnmark|Human|University Hospital of Northern Norway|Norwegian Institute of Public Health|Kopperud Riis|Norway
> Spike|hCoV-19/England/MILK-A4722B/2020|2020-10-06|EPI_ISL_598375|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/MILK-B3A0C6/2020|2020-11-02|EPI_ISL_679679|Original|hCoV-19|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
> Spike|hCoV-19/England/QEUH-CC9939/2020|2020-12-23|EPI_ISL_781895|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/ALDP-950888/2020|2020-06-30|EPI_ISL_554563|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Wales/PHWC-329BF/2020|2020-04-13|EPI_ISL_474376|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/Singapore/820/2020|2020-08-13|EPI_ISL_516820|Original|hCoV-19|Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
> Spike|hCoV-19/Saudi Arabia/KAUST-Madinah24/2020|2020-03-20|EPI_ISL_437483|Original|hCoV-19|Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia
> Spike|hCoV-19/England/MILK-9A8C94/2020|2020-08-31|EPI_ISL_550077|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Bangladesh/CHRF-0021/2020|2020-05-14|EPI_ISL_492031|Original|hCoV-19|Bangladesh|Human|Child Health Research Foundation|Child Health Research Foundation|Saha|Bangladesh
> Spike|hCoV-19/USA/CO-CSU-D0459-3/2020|2020-04-15|EPI_ISL_527418|Original|hCoV-19|Colorado|Human|Colorado State University – Ebel Lab|Colorado State University – Ebel Lab|Cline|USA
> Spike|hCoV-19/USA/WA-S1033/2020|2020-05-01|EPI_ISL_463523|Original|hCoV-19|Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
>Spike|hCoV-19|England|QEUVH-B68F95/2020|2020-11-11|EPI_ISL_662091|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spoke|hCoV-19|USA/WA-S58/2020|2020-04-24|EPI_ISL_463348|Original|hCoV-19^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spoke|hCoV-19|Bangladesh|BCSIR-NILMRC-094/2020|2020-05-23|EPI_ISL_469286|Original|hCoV-19^Bangladesh|Human|unknown|Instituto Nacional de Saúde (INSA)|Borges|Portugal

>Spoke|hCoV-19|Scotland/EDB7960/2020|2020-09-28|EPI_ISL_585460|Original|hCoV-19^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Mchugh|United Kingdom

>Spoke|hCoV-19|England/QEUH-AAE750/2020|2020-10-22|EPI_ISL_630926|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19|Senegal/082/2020|2020-03-11|EPI_ISL_418211|Original|hCoV-19^Diourbel|Human|Institut Pasteur Dakar|Institut Pasteur de Dakar|Dia|Senegal

>Spoke|hCoV-19|USA/AZ-TG648676/2020|2020-04-29|EPI_ISL_695891|Original|hCoV-19^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spoke|hCoV-19|England/QEUH-9E4AA1/2020|2020-09-23|EPI_ISL_579817|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19|USA/MI-UM-10036804974/2020|2020-11-05|EPI_ISL_728395|Original|hCoV-19^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spoke|hCoV-19|England/NORW-EA1AF/2020|2020-05-09|EPI_ISL_457332|Original|hCoV-19^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spoke|hCoV-19|Sweden/20-50052/2020|2020-03-02|EPI_ISL_454868|Original|hCoV-19^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden Svarstr|u00f6m|Sweden

>Spoke|hCoV-19|Mexico/BCN-ALSR-2561/2020|2020-07-06|EPI_ISL_635564|Original|hCoV-19^Baja California|Human|Centro de Diagn\u2212\u2265stico COVID-19 UABC Tijuana|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spoke|hCoV-19|England/SHEF-C1F3B/2020|2020-03-24|EPI_ISL_432740|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spoke|hCoV-19|Scotland/QEUH-998787/2020|2020-08-24|EPI_ISL_540108|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19|USA/FL-BPHL-0297/2020|2020-05-15|EPI_ISL_480948|Original|hCoV-19^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spoke|hCoV-19|England/QEUH-A9D8BB/2020|2020-10-20|EPI_ISL_680027|Original|hCoV-19^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spoke|hCoV-19|England/MILK-9E2DE6/2020|2020-09-21|EPI_ISL_581294|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19|South Africa/LR00017/2020|2020-07-03|EPI_ISL_515147|Original|hCoV-19^North West|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spoke|hCoV-19|Portugal/PT0608/2020|2020-03-14|EPI_ISL_454331|Original|hCoV-19^Portugal|Human|unknown|Instituto Nacional de Saúde (INSA)|Borges|Portugal

>Spoke|hCoV-19|England/CAMC-BBF692/2020|2020-12-05|EPI_ISL_709000|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC16135/2020|2020-08-05|EPI_ISL_640390|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spıke|hCoV-19/Japan/PG-7269/2020|2020-08-00|EPI_ISL_688372|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spıke|hCoV-19/England/20159012/2020|2020-04-11|EPI_ISL_466372|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spıke|hCoV-19/USA/VA-DCLS-1142/2020|2020-04-25|EPI_ISL_529931|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spıke|hCoV-19/Spain/VC-FISABIO-58/2020|2020-03-10|EPI_ISL_425182|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia|General Hospital Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain
>Spıke|hCoV-19/England/QEUH-B7C268/2020|2020-11-13|EPI_ISL_668228|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spıke|hCoV-19/England/CAMC-94323F/2020|2020-07-24|EPI_ISL_556879|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spıke|hCoV-19/USA/CO-CSU-B1397/2020|2020-05-08|EPI_ISL_527401|Original|hCoV-19^^Colorado|Human|Colorado State University - Ebel Lab|Colorado State University - Ebel Lab|Cline|USA
>Spıke|hCoV-19/USA/CA-ALSR-0582-SAN/2020|2020-04-15|EPI_ISL_483238|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA
>Spıke|hCoV-19/England/QEUH-9ADFF0/2020|2020-09-02|EPI_ISL_638621|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spıke|hCoV-19/New Zealand/20VR3916/2020|2020-00-00|EPI_ISL_548100|Original|hCoV-19^^Auckland|Human|North Shore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
>Spıke|hCoV-19/England/LIVE-9E580/2020|2020-04-04|EPI_ISL_453309|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spıke|hCoV-19/England/LOND-DAB6/2020|2020-11-09|EPI_ISL_724689|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spıke|hCoV-19/Brazil/PE-IAM495/2020|2020-04-19|EPI_ISL_572345|Original|hCoV-19^^Brazil|Human|LACEN|WallauLab|Wallau|Brazil
>Spıke|hCoV-19/USA/UT-QDX-2249/2020|2020-03-13|EPI_ISL_604599|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spıke|hCoV-19/England/ALDP-A84EA6/2020|2020-10-18|EPI_ISL_610479|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spıke|hCoV-19/England/ALDP-A6DF0A/2020|2020-10-14|EPI_ISL_607729|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spıke|hCoV-19/England/SHEF-C002A/2020|2020-03-23|EPI_ISL_420272|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom
>Spıke|hCoV-19/India/WB-S36/2020|2020-05-02|EPI_ISL_508445|Original|hCoV-19^^West Bengal|Human|ICMR-National Institute of Cholera and Enteric Diseases|National Institute of Biomedical Genomics|Maitra|India
>Spıke|hCoV-19/England/MILK-992AC0/2020|2020-08-28|EPI_ISL_551985|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-B94BD8/2020|2020-11-14|EPI_ISL_673594|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-9244F2/2020|2020-06-23|EPI_ISL_553304|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/C200029066/2020|2020-10-09|EPI_ISL_636699|Original|hCoV-19
>England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/England/FEUH-1E4DSC/2020|2020-10-27|EPI_ISL_633331|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMB-1AAB24/2020|2020-04-18|EPI_ISL_470144|Original|hCoV-19
>England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/CANADA/ON-S1221/2020|2020-03-18|EPI_ISL_586298|Original|hCoV-19
>Canada|Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
>Spike|hCoV-19/USA/TX-DHSHS-1564/2020|2020-06-23|EPI_ISL_681881|Original|hCoV-19
>Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spike|hCoV-19/Denmark/DGCC-21977/2020|2020-12-14|EPI_ISL_757927|Original|hCoV-19
>Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelson|Denmark
>Spike|hCoV-19/Czech Republic/NRL-10225/2020|2020-10-21|EPI_ISL_660588|Original|hCoV-19
>Prague|Human|The National Institute of Public Health|State Veterinary Institute Prague|Nagy|Czech Republic
>Spike|hCoV-19/England/MILK-994CD7/2020|2020-08-25|EPI_ISL_552305|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WI-UW-2538/2020|2020-12-29|EPI_ISL_779368|Original|hCoV-19
>Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA
>Spike|hCoV-19/USA/UT-UPHL-0537/2020|2020-06-01|EPI_ISL_560888|Original|hCoV-19
>Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/Papua New Guinea/3/2020|2020-08-21|EPI_ISL_693473|Original|hCoV-19
>Papua New Guinea|Human|Central Public Health Laboratory|National Public Health Laboratory|Mak|Papua New Guinea
>Spike|hCoV-19/CMB-7771E/2020|2020-03-30|EPI_ISL_439422|Original|hCoV-19
>England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/England/LOND-12E8528/2020|2020-12-13|EPI_ISL_741321|Original|hCoV-19
>England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spike|hCoV-19/England/MILK-AB8234/2020|2020-10-21|EPI_ISL_623498|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/CA-CZB-11583/2020|2020-07-24|EPI_ISL_625565|Original|hCoV-19
>California|Human|NAN|Chan-Zuckerberg Biohub|Bhatt|USA
>Spike|hCoV-19/Belgium/ULG-10646/2020|2020-10-26|EPI_ISL_636624|Original|hCoV-19
>Li|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
>Spike|hCoV-19/USA/UT-UPHL-201018562/2020|2020-06-23|EPI_ISL_602951|Original|hCoV-19
>Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/Spain/MD-IBV-99012347/2020|2020-11-20|EPI_ISL_779962|Original|hCoV-19
>Madrid|Human|Hospital General Universitario Gregorio Marañón|U00f3f3|SeqCOVID-SPAIN consortium|IVB (CSIC)|Comas|Spain
>Spike|hCoV-19/England/NORW-E8F3E/2020|2020-04-26|EPI_ISL_453565|Original|hCoV-19
>England|Human|Quadrax Institute Biobssience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
Spike|hCoV-19/USA/MI-MDHHS-SC21257/2020|2020-04-05|EPI_ISL_507512|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
Spike|hCoV-19/USA/MI-MDHHS-SC20145/2020|2020-03-23|EPI_ISL_436840|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
Spike|hCoV-19/USA/VA-DCLS-2063/2020|2020-10-20|EPI_ISL_677233|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA
Spike|hCoV-19/Denmark/DCGC-2814/2020|2020-08-17|EPI_ISL_616650|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albersen lab|Michaelsen|Denmark
Spike|hCoV-19/Australia/VIC5870/2020|2020-07-23|EPI_ISL_518660|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19/USA/FL-BPHL-0943/2020|2020-07-17|EPI_ISL_517833|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
Spike|hCoV-19/Japan/PG-8046/2020|2020-08-00|EPI_ISL_687147|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19/England/MI9K-9E2FB3/2020|2020-09-20|EPI_ISL_581155|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/New Zealand/20CV0076/2020|2020-08-14|EPI_ISL_547982|Original|hCoV-19^^Combined Auckland|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
Spike|hCoV-19/England/QEUH-964274/2020|2020-08-12|EPI_ISL_536915|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Denmark/DCGC-1038/2020|2020-03-09|EPI_ISL_614783|Original|hCoV-19^^Rovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albersen lab|Michaelsen|Denmark
Spike|hCoV-19/USA/LA-EVTLD71/2020|2020-07-03|EPI_ISL_653562|Original|hCoV-19^^Ohio|Human|Lighthouse Lab in Cincinnati|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/CA-CZB-1094/2020|2020-04-27|EPI_ISL_444052|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Hao|USA
Spike|hCoV-19/USA/TX-HMH-MCoV-18918/2020|2020-11-25|EPI_ISL_785221|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/USA/FL-BPHL-1475/2020|2020-05-13|EPI_ISL_549257|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
Spike|hCoV-19/Japan/PG-7709/2020|2020-08-00|EPI_ISL_686811|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19/Germany/NW-HHU-506/2020|2020-09-17|EPI_ISL_770722|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcr Labormedicin|Center of Medical Microbiology|Wienemann|Germany
Spike|hCoV-19/England/ALDP-635242/2020|2020-07-04|EPI_ISL_556125|Original|hCoV-19/England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Hungary/US-60431W/2020|2020-10-02|EPI_ISL_677806|Original|hCoV-19/Budapest county|Human|University of Szeged|National Laboratory of Virology|Kemenesi|Hungary

Spike|hCoV-19/England/2009089504/2020|2020-02-28|EPI_ISL_646228|Original|hCoV-19/England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

Spike|hCoV-19/Denmark/DCGC-10926/2020|2020-11-02|EPI_ISL_669828|Original|hCoV-19/Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|United Kingdom

Spike|hCoV-19/Scotland/EDBI0202/2020|2020-10-24|EPI_ISL_680503|Original|hCoV-19/Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) consortium|McHugh|United Kingdom

Spike|hCoV-19/England/BIRM-6A268/2020|2020-11-09|EPI_ISL_679033|Original|hCoV-19/England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) consortium|Loman|United Kingdom

Spike|hCoV-19/Wales/PHWC-493718/2020|2020-11-29|EPI_ISL_725931|Original|hCoV-19/Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom

Spike|hCoV-19/Netherlands/ZH-EMC-526/2020|2020-09-01|EPI_ISL_577954|Original|hCoV-19/Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center |Oude Munnink|Netherlands

Spike|hCoV-19/England/ALDP-BBA37A/2020|2020-11-20|EPI_ISL_701708|Original|hCoV-19/England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Canada/ON-UHTC_0095/2020|2020-05-10|EPI_ISL_526253|Original|hCoV-19/Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

Spike|hCoV-19/Switzerland/GE-HUG-6679/2020|2020-03-08|EPI_ISL_415707|Original|hCoV-19/Geneve|Human|University Hospitals of Geneva Laboratory of Virology|University Hospitals of Geneva Laboratory of Virology|Cordey|Switzerland

Spike|hCoV-19/Australia/NSW1076/2020|2020-08-04|EPI_ISL_593710|Original|hCoV-19/New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

Spike|hCoV-19/England/ALDP-B1C886/2020|2020-11-01|EPI_ISL_645633|Original|hCoV-19/England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/USA/WA-UW-47334/2020|2020-12-14|EPI_ISL_776662|Original|hCoV-19/Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

Spike|hCoV-19/England/QEUH-B0EB9D/2020|2020-11-02|EPI_ISL_642197|Original|hCoV-19/England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Wales/PHWC-2EA4A/2020|2020-04-07|EPI_ISL_446103|Original|hCoV-19/Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology|Cardiff|Moore|United Kingdom

Spike|hCoV-19/USA/WI-UW-2049/2020|2020-10-22|EPI_ISL_677454|Original|hCoV-19/Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

Spike|hCoV-19/England/QEUH-BA312F/2020|2020-11-18|EPI_ISL_672816|Original|hCoV-19/England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/LEED-2A9878/2020|2020-04-12|EPI_ISL_538877|Original|hCoV-19/England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-4A253A/2020|2020-12-14|EPI_ISL_743903|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spik|hCoV-19/England/QEUH-B3F322/2020|2020-11-08|EPI_ISL_658405|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spik|hCoV-19/USA/CA-CZB-2189/2020|2020-05-26|EPI_ISL_513738|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spik|hCoV-19/USA/CA-ALS1-4562/2020|2020-07-08|EPI_ISL_667008|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spik|hCoV-19/England/BIRM-6487B/2020|2020-09-15|EPI_ISL_594519|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spik|hCoV-19/England/MILK-A7A19B/2020|2020-10-15|EPI_ISL_606884|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19/New Zealand/20CV0637/2020|2020-12-03|EPI_ISL_707801|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spik|hCoV-19/Wales/PHWC-492FC/2020|2020-11-27|EPI_ISL_725778|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Michaelsen|Denmark

>Spik|hCoV-19/Denmark/DCGC-2176/2020|2020-08-10|EPI_ISL_617475|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spik|hCoV-19/England/CAMC-BBC053/2020|2020-11-21|EPI_ISL_724121|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spik|hCoV-19/USA/MI-UM-2006S000881/2020|2020-03-28|EPI_ISL_484731|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spik|hCoV-19/USA/TX-HMH-1830/2020|2020-05-12|EPI_ISL_542869|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spik|hCoV-19/Switzerland/BE-ETHZ-300405/2020|2020-09-29|EPI_ISL_603370|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spik|hCoV-19/Wales/PHWC-61AEC0/2020|2020-09-10|EPI_ISL_560215|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spik|hCoV-19/Utah/USA/UT-08474/2020|2020-05-20|EPI_ISL_524244|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spik|hCoV-19/Denmark/DCGC-9645/2020|2020-11-09|EPI_ISL_669084|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spik|hCoV-19/Denmark/DCGC-946/2020|2020-03-30|EPI_ISL_614525|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spik|hCoV-19/USA/MI-MDHSS-SC22607/2020|2020-11-19|EPI_ISL_737180|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spik|hCoV-19/USA/TX-HMH-7092/2020|2020-06-28|EPI_ISL_546497|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spik|hCoV-19/Denmark/DCGC-6407/2020|2020-10-12|EPI_ISL_620307|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Switzerland/BE-ETHZ-350345/2020|2020-11-02|EPI_ISL_728941|Original|hCoV-19^^Bern|Human|Violi|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spiek|hCoV-19/England/GEUH-AD038E/2020|2020-10-24|EPI_ISL_634003|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Welcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiek|hCoV-19/Wales/PHWC-16915C/2020|2020-06-08|EPI_ISL_499416|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom
>Spiek|hCoV-19/USA/CA-CZB-13942/2020|2020-06-22|EPI_ISL_739206|Original|hCoV-19^^California|Human|California Department of Public Health|Chiu Laboratory|Chiu|USA
>Spiek|hCoV-19/USA/CA-CZB-13942/2020|2020-09-29|EPI_ISL_790382|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Welcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiek|hCoV-19/USA/CA-CZB-13942/2020|2020-12-07|EPI_ISL_748474|Original|hCoV-19^^Scotland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spiek|hCoV-19/Scotland/CVR4280/2020|2020-09-09|EPI_ISL_559953|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) consortium|Robertson|United Kingdom
>Spiek|hCoV-19/England/ALDP-6AF03A/2020|2020-07-01|EPI_ISL_557783|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Welcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiek|hCoV-19/England/ALDP-6AF03A/2020|2020-10-15|EPI_ISL_606481|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Welcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiek|hCoV-19/USA/CA-CZB-13942/2020|2020-12-22|EPI_ISL_577916|Original|hCoV-19^^Scotland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spiek|hCoV-19/England/ALDP-B76FA3/2020|2020-11-12|EPI_ISL_723833|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) consortium|Golubchik|United Kingdom
>Spiek|hCoV-19/Scotland/CVR4280/2020|2020-10-13|EPI_ISL_613338|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) consortium|Loose|United Kingdom
>Spiek|hCoV-19/England/ALDP-B7397B/2020|2020-11-12|EPI_ISL_664757|Original|hCoV-19^^England|Human|Quadram Institute Biosciences|COVID-19 Genomics UK (COG-UK) consortium|Ali Khan|United Kingdom
>Spiek|hCoV-19/England/ALDP-B48414/2020|2020-11-07|EPI_ISL_649347|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Welcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiek|hCoV-19/USA/MI-MDHS-SC22148/2020|2020-10-12|EPI_ISL_614199|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA
>Spiek|hCoV-19/Wales/PHWC-16915C/2020|2020-10-06|EPI_ISL_609307|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Welcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiek|hCoV-19/USA/NM-DOH-2020309716/2020|2020-08-24|EPI_ISL_602195|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA
>Spiek|hCoV-19/USA/CO-CSU-D1696/2020|2020-04-22|EPI_ISL_527448|Original|hCoV-19^^Colorado|Human|Colorado State University - Ebel Lab|Colorado State University - Ebel Lab|Cline|USA
>Spike|hCoV-19/USA/DH-ODH-SC35023/2020|2020-04-23|EPI_ISL_770775|Original|hCoV-19|Ohio|Human|Ohio Department of Health Laboratory|Ohio Department of Health Laboratory|Holmes|USA
>Spike|hCoV-19/England/MILK-ACEE55/2020|2020-10-21|EPI_ISL_644080|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/SHEF-Cd658/2020|2020-10-13|EPI_ISL_613390|Original|hCoV-19|England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/England/CAMB-1ADB30/2020|2020-05-02|EPI_ISL_448036|Original|hCoV-19|England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spike|hCoV-19/USA/NY-NYCPHL-000776/2020|2020-03-20|EPI_ISL_632156|Original|hCoV-19|New York|Human|Brookdale University Hospital Medical Center|New York City Public Health Laboratory|Wang|USA
>Spike|hCoV-19/Scotland/CVR4558/2020|2020-09-22|EPI_ISL_585416|Original|hCoV-19|Scotland|Human|Lighthouse Lab in Glasgow | MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/USA/MI-MDHHS-SC20112/2020|2020-03-20|EPI_ISL_436828|Original|hCoV-19|Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/England/MILK-C508EF/2020|2020-12-11|EPI_ISL_736528|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-481443/2020|2020-10-14|EPI_ISL_613070|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/205190297/2020|2020-12-18|EPI_ISL_766499|Original|hCoV-19|England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Blatt|United Kingdom
>Spike|hCoV-19/Japan/PG-7674/2020|2020-08-00|EPI_ISL_686776|Original|hCoV-19|Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Wales/PHWC-330AA/2020|2020-04-14|EPI_ISL_446733|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/England/CAMC-B37427/2020|2020-11-05|EPI_ISL_645506|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DGCC-13630/2020|2020-11-30|EPI_ISL_712279|Original|hCoV-19|Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/MILK-99A0C6/2020|2020-08-30|EPI_ISL_550350|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Spain/MD-IBV-004910/2020|2020-03-11|EPI_ISL_481057|Original|hCoV-19|Madrid|Human|Hospital General Universitario Gregorio Marañón|SeqCOVID-Spain consortium|IBV (CSIC)|Comas|Spain
>Spike|hCoV-19/USA/TX-HMH-MCoV-15561/2020|2020-10-24|EPI_ISL_787045|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/AZ-TG628629/2020|2020-03-18|EPI_ISL_426509|Original|hCoV-19|Arizona|Human|TGen North|TGen North|Demler|USA
>Spike|hCoV-19/England/NORW-F6A5A/2020|2020-11-06|EPI_ISL_652353|Original|hCoV-19|England|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-19221/2020|2020-12-07|EPI_ISL_748206|Original|hCoV-19|Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19|Scotland/QEUH-9E3EB5/2020|2020-09-24|EPI_ISL_601052|Original|hCoV-19
^Scotland|Human|Lighthouse Lab in Glasgow Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/20100023206/2020|2020-03-02|EPI_ISL_415137|Original|hCoV-19
^England|Human|Respiratory Virus Unit Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19|Scotland/EDB1830/2020|2020-04-16|EPI_ISL_433150|Original|hCoV-19
^Scotland|Human|Virology Department COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spike|hCoV-19|Canada/BC_07920084/2020|2020-04-00|EPI_ISL_477101|Original|hCoV-19
^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada
>Spike|hCoV-19|Australia/VIC1612/2020|2020-05-13|EPI_ISL_456522|Original|hCoV-19
^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spike|hCoV-19|England/PORT-2F5CDB/2020|2020-04-04|EPI_ISL_512419|Original|hCoV-19
^England|Human|Centre for Enzyme Innovation COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike|hCoV-19|USA/TX-HMH-5009/2020|2020-06-24|EPI_ISL_544455|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|India/MH-ACTREC-538/2020|2020-08-25|EPI_ISL_700184|Original|hCoV-19
^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
>Spike|hCoV-19|England/BIRM-6048A/2020|2020-05-26|EPI_ISL_473415|Original|hCoV-19
^England|Human|University of Birmingham COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom
>Spike|hCoV-19|Australia/VIC14523/2020|2020-08-13|EPI_ISL_592876|Original|hCoV-19
^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19|Australia/NSW575/2020|2020-03-20|EPI_ISL_478687|Original|hCoV-19
^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spike|hCoV-19|USA/FL-BPHL-0250/2020|2020-05-02|EPI_ISL_480901|Original|hCoV-19
^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/Wales/PHWC-49PF6F/2020|2020-12-11|EPI_ISL_743374|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/ALDP-A95428/2020|2020-10-19|EPI_ISL_624780|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Ireland/WW-NVRL-20G45314/2020|2020-04-02|EPI ISL 666691|Original|hCoV-19
^Wicklow|Human|National Virus Reference Lab (NVRL)|Irish Coronavirus Sequencing Consortium Teagasc Grange|McCabe|Ireland
>Spike|hCoV-19/Australia/VIC4584/2020|2020-07-12|EPI_ISL_518985|Original|hCoV-19
^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spide|hCoV-19/Sweden/20-08160/2020|2020-03-10|EPI ISL 475555|Original|hCoV-19
^Sormland|Human|Skovde/Unilabs The Public Health Agency of Sweden Svarstrek\00f6m|Sweden
>Spide|hCoV-19/Scotland/QEUH-AE5113/2020|2020-10-26|EPI ISL 649668|Original|hCoV-19
^Scotland|Human|Lighthouse Lab in Glasgow Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spide|hCoV-19/USA/FL-BPHL-1837/2020|2020-04-09|EPI ISL 613918|Original|hCoV-19
^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spide|hCoV-19/Scotland/QEUH-AIFF70/2020|2020-10-01|EPI ISL 599053|Original|hCoV-19
^Scotland|Human|Lighthouse Lab in Glasgow Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Spain/PV-IBV-000775/2020|2020-03-09|EPI_ISL_452728|Original|hCoV-19^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz,|SeqCOVID-Spain consortium/IBV (CSIC)|Comas|Spain
>Spikes|hCoV-19/USA/UT-0678/2020|2020-04-05|EPI_ISL_435379|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spikes|hCoV-19/Wales/PHWC-15FF31/2020|2020-04-20|EPI_ISL_472872|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spikes|hCoV-19/Wales/PHWC-47F062/2020|2020-10-12|EPI_ISL_612622|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spikes|hCoV-19/Wales/PHWC-15FF31/2020|2020-04-20|EPI_ISL_472872|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spikes|hCoV-19/Belgium/rega-0722816/2020|2020-07-22|EPI_ISL_734820|Original|hCoV-19^Kontich|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Spikes|hCoV-19/England/ALDP-9E975A/2020|2019-09-24|EPI_ISL_584244|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spikes|hCoV-19/Scotland/EDB2854/2020|2020-03-31|EPI_ISL_489041|Original|hCoV-19^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/USA/MI-MDHHS-SC22439/2020|2020-11-18|EPI_ISL_708272|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA
>Spikes|hCoV-19/Scotland/QEUH-9E51AB/2020|2020-09-22|EPI_ISL_601066|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/England/QEUH-962DC0/2020|2020-08-11|EPI_ISL_531707|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/Wales/PHWC-48A671/2020|2020-11-04|EPI_ISL_652582|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spikes|hCoV-19/USA/FL-BPHL-0284/2020|2020-05-13|EPI_ISL_480935|Original|hCoV-19^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spikes|hCoV-19/USA/WA-UW-31402/2020|2020-10-10|EPI_ISL_735473|Original|hCoV-19^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spikes|hCoV-19/USA/CA-CZB-1793/2020|2020-04-16|EPI_ISL_486122|Original|hCoV-19^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA
>Spikes|hCoV-19/USA/NV-NSPHL-A0118/2020|2020-04-20|EPI_ISL_515389|Original|hCoV-19^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA
>Spikes|hCoV-19/Australia/VIC15328/2020|2020-08-04|EPI_ISL_593249|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spikes|hCoV-19/South Africa/R12601-20/2020|2020-06-16|EPI_ISL_504199|Original|hCoV-19^North West|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa
>Spikes|hCoV-19/Denmark/ALAB-SS1-892/2020|2020-03-31|EPI_ISL_444959|Original|hCoV-19^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark
>Spikes|hCoV-19/USA/TX-HMH-MCoV-13752/2020|2020-08-17|EPI_ISL_788845|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spikes|hCoV-19/Wales/PHWC-23F64/2020|2020-03-15|EPI_ISL_418131|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spikes|hCoV-19/India/MH-NIV-47109/2020|2020-05-28|EPI_ISL_479552|Original|hCoV-19^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India
| Country | Location | Lab | Collaboration | Originating Lab | Disease | Genomics Project | Notes |
|---------|----------|-----|---------------|----------------|---------|----------------|-------|
| England | Qatar | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| Portugal | PT1317/2020 | EPI_ISL_511276 | Original | hCoV-19 | England | Human | Pathogen Genomic Center | Pathogen Genomics Center | Sekizuka | Japan |
| Spain | Madrid | EPI_ISL_601188 | Original | hCoV-19 | England | Human | Pathogen Genomic Center | Pathogen Genomics Center | Sekizuka | Japan |
| England | ALDP-9C5BEF/2020 | EPI_ISL_567618 | Original | hCoV-19 | England | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| Scotland | QEUH | EPI_ISL_614631 | Original | hCoV-19 | Scotland | Human | Originating lab | COVID-19 Genomics UK (COG-UK) Consortium | Moore | United Kingdom |
| England | CAMB-1B52C7/2020 | EPI_ISL_490320 | Original | hCoV-19 | England | Human | Department of Pathology | COVID-19 Genomics UK (COG-UK) Consortium | Meredith | United Kingdom |
| Spain | MD-IBV-99009638/2020 | EPI_ISL_654374 | Original | hCoV-19 | Spain | Human | Hospital General Universitario Gregorio Marañon | Allergy and Respiratory Diseases | Monterrubio | Spain |
| Scotland | QEUH-A4CC28/2020 | EPI_ISL_628589 | Original | hCoV-19 | Scotland | Human | Oxford Viromics | COVID-19 Genomics UK (COG-UK) Consortium | Golubchik | United Kingdom |
| Scotland | QEUH-96FB05/2020 | EPI_ISL_568426 | Original | hCoV-19 | Scotland | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| Thailand | Bangkok-CONI-0154/2020 | EPI_ISL_455947 | Original | hCoV-19 | Bangkok | Human | Ramathibodi Hospital | COVID-19 Network Investigations (CONTI) Alliance | Batty | Thailand |
| United Arab Emirates | 0928/2020 | EPI_ISL_561093 | Original | hCoV-19 | United Arab Emirates | Human | Group 42 (G42) Healthcare | Gulf HealthCare | Ogrodzki | United Arab Emirates |
| Japan | PG-2918/2020 | EPI_ISL_691044 | Original | hCoV-19 | Japan | Human | Pathogen Genomics Center | Pathogen Genomics Center | Sekizuka | Japan |
| England | ALDF-9C5BEF/2020 | EPI_ISL_567618 | Original | hCoV-19 | England | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
>Spike|hCoV-19/England/CAM-B-76409/2020|2020-03-30|EPI_ISL_438440|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Netherlands/LI-RIVM-20711/2020|2020-12-14|EPI_ISL_790777|Original|hCoV-19^Limburg|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/LIVE-99E6C/2020|2020-04-20|EPI_ISL_584612|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Scotland/CVR3902/2020|2020-06-23|EPI_ISL_490698|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUH-96B8A/2020|2020-08-13|EPI_ISL_531351|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-CD7CE/2020|2020-05-09|EPI_ISL_479259|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16477/2020|2020-11-16|EPI_ISL_714103|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albersen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/TBSD-2488DC3/2020|2020-04-26|EPI_ISL_482060|Original|hCoV-19^England|Human|The Department of Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S993/2020|2020-04-29|EPI_ISL_463483|Original|hCoV-19^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-19722/2020|2020-11-24|EPI_ISL_784072|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-300307/2020|2020-09-25|EPI_ISL_603339|Original|hCoV-19^Bern|Human|Viozzier AG|Department of Biostreams Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/FL-BPHL-0840/2020|2020-06-20|EPI_ISL_514186|Original|hCoV-19^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/VA-DCLS-1922/2020|2020-10-06|EPI_ISL_614069|Original|hCoV-19^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-10770/2020|2020-07-05|EPI_ISL_789618|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B3567E/2020|2020-11-05|EPI_ISL_659643|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-AD3118/2020|2020-10-24|EPI_ISL_633958|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2211/2020|2020-06-25|EPI_ISL_521951|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WI-UW-1068/2020|2020-07-30|EPI_ISL_516494|Original|hCoV-19^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Belgium/UGent-111/2020|2020-03-18|EPI_ISL_475071|Original|hCoV-19^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrecht|Belgium

>Spike|hCoV-19/Switzerland/ZH-ETHZ-420740/2020|2020-12-24|EPI_ISL_768300|Original|hCoV-19^Zurich|Human|Viozzier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>SpiekkoV-19/USA/AZ-TG408189/2020|2020-06-16|EPI_ISL_694929|Original|hCoV-19^^Arizona|Human|AZ SPHIL|TGen North|French|USA
>Spike:hCoV-19/USA/TX-HMW-7372/2020|2020-06-29|EPI_ISL_546714|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike:hCoV-19/Chile/RM-73525/2020|2020-05-25|EPI_ISL_746791|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile
>Spike:hCoV-19/England/MLK-A23AOF/2020|2020-10-03|EPI_ISL_637369|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike:hCoV-19/England/QEUH-CC3B66/2020|2020-12-21|EPI_ISL_760416|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike:hCoV-19/Ghana/84430_s51/2020|2020-05-25|EPI_ISL_515110|Original|hCoV-19^^Ghana|Human|Department of Biochemistry|WACCBIP|Amuzu|Ghana
>Spike:hCoV-19/Portugal/PT0842/2020|2020-03-22|EPI_ISL_511101|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal
>Spike:hCoV-19/England/BRIS-126C2D/2020|2020-04-09|EPI_ISL_459009|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike:hCoV-19/Switzerland/VD-ETHZ-280103/2020|2020-09-07|EPI_ISL_560493|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike:hCoV-19/England/QEUH-B4233B/2020|2020-11-08|EPI_ISL_657153|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike:hCoV-19/England/QEUH-9DC66C/2020|2020-09-21|EPI_ISL_581070|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike:hCoV-19/Wales/PHWC-482943/2020|2020-10-21|EPI_ISL_611904|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike:hCoV-19/Spain/PV-IVB-98007664/2020|2020-09-11|EPI_ISL_582073|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SegCOVID-SPAIN consortium|IVB (CSIC)|Comas|Spain
>Spike:hCoV-19/Denmark/DCGC-8291/2020|2020-10-26|EPI_ISL_616916|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike:hCoV-19/South Africa/KRISP-K000608/2020|2020-07-03|EPI_ISL_509261|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
>Spike:hCoV-19/England/20174050404/2020|2020-04-20|EPI_ISL_465407|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike:hCoV-19/England/SHEF-10CF662/2020|2020-12-25|EPI_ISL_763415|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike:hCoV-19/Denmark/DCGC-6724/2020|2020-10-05|EPI_ISL_622366|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike:hCoV-19/USA/CA-IGI-0687/2020|2020-07-31|EPI_ISL_677870|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA
>Spike:hCoV-19/Switzerland/BS-UHB-42203196/2020|2020-03-23|EPI_ISL_528347|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Rollof Handschin|Switzerland
>Spike:hCoV-19/Wales/CMAC-9DF7C0/2020|2020-09-20|EPI_ISL_639005|Original|hCoV-19^^Wales|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/Wales/PHWC-48A2D7/2020|2020-10-27|EPI_ISL_651503|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik|hCoV-19/USA/NY-NYCPHL-000905/2020|2020-03-18|EPI_ISL_632966|Original|hCoV-19^^New York|Human|Flushing Hospital Medical Center|New York City Public Health Laboratory|Wang|USA
>Spik|hCoV-19/Wales/PHWC-28FD8/2020|2020-04-01|EPI_ISL_445466|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spik|hCoV-19/India/GJ-GBRC304a/2020|2020-06-15|EPI_ISL_495052|Original|hCoV-19^^Gujarat|Human|GMERS Medical College & Hospital|Gujarat Biotechnology Research Centre|Joshi|India
>Spik|hCoV-19/England/QEUH-9D0D27/2020|2020-09-14|EPI_ISL_589910|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/India/KA-IB48/2020|2020-06-16|EPI_ISL_508326|Original|hCoV-19^^Karnataka|Human|Indian Institute of Biomedical Genomics|Maitra|India
>Spik|hCoV-19/Canada/MB-NML-573/2020|2020-03-29|EPI_ISL_582268|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada
>Spik|hCoV-19/USA/TX-HMH-MCoV-11358/2020|2020-09-05|EPI_ISL_789995|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19/USA/CA-ALSR-2902/2020|2020-07-11|EPI_ISL_635728|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spik|hCoV-19/England/ALDP-B62423/2020|2020-11-08|EPI_ISL_656442|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/England/QEUH-9B7BFF/2020|2020-09-03|EPI_ISL_590490|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Japan/PG-3947/2020|2020-07-00|EPI_ISL_692196|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spik|hCoV-19/USA/MD-MDH-0455/2020|2020-11-11|EPI_ISL_682067|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA
>Spik|hCoV-19/Denmark/DCGC-15159/2020|2020-11-23|EPI_ISL_713320|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spik|hCoV-19/Latvia/151/2020|2020-09-22|EPI_ISL_639648|Original|hCoV-19^^Latvia|Human|Centr\u0101\u0101 Laboratorija|Latvian Biomedical Research and Study Centre|Zrelovs|Latvia
>Spik|hCoV-19/England/20514528/2020|2020-12-14|EPI_ISL_766410|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spik|hCoV-19/USA/TX-DHSHS-0957/2020|2020-07-18|EPI_ISL_602254|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spik|hCoV-19/Denmark/DCGC-15765/2020|2020-11-23|EPI_ISL_713193|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spik|hCoV-19/England/EXET-13AF0F/2020|2020-11-11|EPI_ISL_664193|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spik|hCoV-19/England/NOTT-113221/2020|2020-09-13|EPI_ISL_540712|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19/England/LIVE-AA17E/2020|2020-03-23|EPI_ISL_517411|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spik|hCoV-19/England/MILK-A23AA5/2020|2020-10-03|EPI_ISL_638002|Original|hCoV-19|England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spiek|hCoV-19/USA/CO-CDPHE-2011200460/2020|2020-11-19|EPI_ISL_771256|Original|hCoV-19|Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Puplic Health and Environment|Rankers|USA

>Spiek|hCoV-19/Wales/PHWC-4A5670/2020|2020-12-15|EPI_ISL_764900|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spiek|hCoV-19/England/LOND-125FCAF/2020|2020-03-10|EPI_ISL_516842|Original|hCoV-19|England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spiek|hCoV-19/USA/CA-Zuckerberg Biohub-05/2020|2020-08-20|EPI_ISL_529340|Original|hCoV-19|California|Human|Zuckerberg Biohub|Hao|USA

>Spiek|hCoV-19/NY-Wadsworth/65680-01/2020|2020-04-23|EPI_ISL_676877/2020|Original|hCoV-19|New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spiek|hCoV-19/England/BRIS-133D0C/2020|2020-08-20|EPI_ISL_529340|Original|hCoV-19|England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spiek|hCoV-19/England/ALDP-B26133/2020|2020-11-04|EPI_ISL_646713|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spiek|hCoV-19/England/LIV1-80DD/2020|2020-03-26|EPI_ISL_517114/2020|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spiek|hCoV-19/USA/CA-ZCB-1482/2020|2020-10-01|EPI_ISL_638507/2020|Original|hCoV-19|California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Hao|USA

>Spiek|hCoV-19/USA/CA-ZCB-10824/2020|2020-10-17|EPI_ISL_583074/2020|Original|hCoV-19|California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spiek|hCoV-19/NY-Wadsworth/65680-01/2020|2020-04-23|EPI_ISL_676877/2020|Original|hCoV-19|New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spiek|hCoV-19/USA/CA-Zuckerberg Biohub-05/2020|2020-08-20|EPI_ISL_529340|Original|hCoV-19|California|Human|Zuckerberg Biohub|Hao|USA

>Spiek|hCoV-19/USA/CA-ZCB-10824/2020|2020-07-13|EPI_ISL_583074/2020|Original|hCoV-19|California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spiek|hCoV-19/Luxembourg/LNS3274577/2020|2020-11-05|EPI_ISL_740281/2020|Original|hCoV-19|Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spiek|hCoV-19/England/20251785/2020|2020-06-02|EPI_ISL_485606/2020|Original|hCoV-19|England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Ledesma|United Kingdom

>Spiek|hCoV-19/Scotland/CVR4071/2020|2020-08-31|EPI_ISL_535162/2020|Original|hCoV-19|Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spiek|hCoV-19/USA/WA-S1051/2020|2020-04-30|EPI_ISL_463541/2020|Original|hCoV-19|Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spiek|hCoV-19/Singapore/1484/2020|2020-12-15|EPI_ISL_754081/2020|Original|hCoV-19|Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spiek|hCoV-19/England/MILK-65409E/2020|2020-07-04|EPI_ISL_558037|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spiek|hCoV-19/England/LOND-125FCAF/2020|2020-03-10|EPI_ISL_516842|Original|hCoV-19|England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spiek|hCoV-19/England/MILK-9A68CF/2020|2020-09-01|EPI_ISL_550015|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Andaluz de Salud|SeqCOVID-19^\textsuperscript{19} Andalucia|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

Spikes|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy

Spikes|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

Spikes|Human|England|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spikes|Human|Texas|Human|Baylor College of Medicine|Baylor College of Medicine|Skinner|USA

Spikes|Human|Wales|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spikes|Human|Hong Kong|Princess Margaret Hospital|Hong Kong Department of Health|Tsang|China

Spikes|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

Spikes|Human|Equatorial Guinea|Laboratorio de Investigaciones de Baney|University Hospital Basle|Hosch|Equatorial Guinea

Spikes|Human|England|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spikes|Human|British Columbia|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajeczyk|Canada

Spikes|Human|Texas|Department of State Health Services|Texas Department of State Health Services|Rahman|USA

Spikes|Human|Indiana|IN State Department of Health Laboratory Services|Genomics and Discovery|Queen|USA

Spikes|Human|Switzerland|VD-ETHZ|DHU Lausanne|Nadeau|Switzerland

Spikes|Human|Spain|Vaud|Department of Biosystems Science and Engineering|Nadeau|Switzerland

Spikes|Human|Andalucia|Servicio de Microbiologia|00eda. HRÚ de M|00ellaga. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium|IBV|Comas|Spain
Spike|hCoV-19\^Denmark/DCGC-1823/2020|2020-04-20|EPI_ISL_618768|Original|hCoV-19\^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelensen|Denmark
Spike|hCoV-19\^mink/Poland/Pomorskie\^88/2020|2020-11-17|EPI_ISL_732959|Original|hCoV-19\^Pomorskie|Neoevison vison|Department of Tropical Parasitology|Laboratory of Recombinant Vaccines|Rabalski|Poland
Spike|hCoV-19\^England/LIVE-9BFPE/2020|2020-03-24|EPI_ISL_449500|Original|hCoV-19\^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
Spike|hCoV-19\^Netherlands/NA\_25/2020|2020-03-09|EPI_ISL_415482|Original|hCoV-19\^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
Spike|hCoV-19\^India/HR-IMT-BZ101/2020|2020-08-25|EPI_ISL_561337|Original|hCoV-19\^Haryana|Human|Civil Hospital|CSIR-Institute of Microbial Technology|Patil|India
Spike|hCoV-19\^South Korea/KCDC2799/2020|2020-07-27|EPI_ISL_526733|Original|hCoV-19\^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea
Spike|hCoV-19\^Australia/TAS47/2020|2020-04-08|EPI_ISL_522722|Original|hCoV-19\^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia
Spike|hCoV-19\^Brazil/RJ-1966/2020|2020-04-13|EPI_ISL_456097|Original|hCoV-19\^Rio de Janeiro|Human|Laboratory of Respiratory Viruses and Measles|Laboratory of Respiratory Viruses and Measles|Silva|Brazil
Spike|hCoV-19\^England/ALDP-B243B7/2020|2020-11-04|EPI_ISL_646809|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19\^Australia/VIC964/2020|2020-03-27|EPI_ISL_430655|Original|hCoV-19\^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia
Spike|hCoV-19\^Brazil/SP-607/2020|2020-04-13|EPI_ISL_471549|Original|hCoV-19\^S\^u00e3o Paulo|Human|Hospital Municipal Carmen Prudente|Instituto Adolfo Lutz|Sacchi|Brazil
Spike|hCoV-19\^USA/WA-S1064/2020|2020-04-30|EPI_ISL_463554|Original|hCoV-19\^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
Spike|hCoV-19\^Japan/PG-8880/2020|2020-08-00|EPI_ISL_686426|Original|hCoV-19\^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19\^Australia/VIC713/2020|2020-03-29|EPI_ISL_427000|Original|hCoV-19\^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
Spike|hCoV-19\^Spain/CT-IVB-005571/2020|2020-03-26|EPI_ISL_508625|Original|hCoV-19\^Catalunya|Human|Departamento de Microbiologia\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain
Spike|hCoV-19\^Hong Kong/VM20076948/2020|2020-07-24|EPI_ISL_602604|Original|hCoV-19\^Hong Kong|Human|Queen Mary Hospital|Hong Kong Department of Health|Mak|China
Spike|hCoV-19\^England/CAMB-1B2D32/2020|2020-05-18|EPI_ISL_456721|Original|hCoV-19\^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
Spike|hCoV-19\^USA/NY-NYCPHL-000889/2020|2020-03-27|EPI_ISL_632960|Original|hCoV-19\^New York|Human|Flushing Hospital Medical Center|New York City Public Health Laboratory|Wang|USA
Spike|hCoV-19\^England/LEED-2A9D88/2020|2020-03-26|EPI_ISL_538941|Original|hCoV-19\^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19\^USA/TX-HMH-MCoV-13491/2020|2020-08-23|EPI_ISL_788620|Original|hCoV-19\^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|England/QEUH-969734/2020|2020-08-14|EPI_ISL_530963|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19|Scotland/QEUH-BC3930/2020|2020-11-25|EPI_ISL_710773|Original|hCoV-19|Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19|England/QEUH-B68B19/2020|2020-11-11|EPI_ISL_655011|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19|USA/CA-CZB-3625/2020|2020-07-27|EPI_ISL_548360|Original|hCoV-19|California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

> Spike|hCoV-19|Spain/IVB-004238/2020|2020-04-05|EPI_ISL_500302|Original|hCoV-19|Basque Country|Servicio de Microbiologia|u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IVB(CSIC)|Comas|Spain

> Spike|hCoV-19|USA/MI-MDHSS-SC20957/2020|2020-03-23|EPI_ISL_507746|Original|hCoV-19|Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

> Spike|hCoV-19|Australia/VIC4472/2020|2020-00-00|EPI_ISL_519768|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

> Spike|hCoV-19|Gambia/GC19-3497/2020|2020-07-27|EPI_ISL_561184|Original|hCoV-19|Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

> Spike|hCoV-19|England/QEUH-96A575/2020|2020-08-13|EPI_ISL_531530|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|Wales/PHWC-16524E/2020|2020-05-16|EPI_ISL_479438|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19|England/ALDP-6765C4/2020|2020-07-03|EPI_ISL_558171|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|United Arab Emirates/484/2020|2020-06-15|EPI_ISL_528702|Original|hCoV-19|Dubai|Human|Alsafar - Khalifa University Abu Dhabi|Alsafar - Khalifa University Abu Dhabi|Alsafar - Khalifa University Abu Dhabi|Daw Elbait|United Arab Emirates

> Spike|hCoV-19|England/CAMC-B534BC/2020|2020-11-08|EPI_ISL_656816|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19|Wales/PHWC-47D2B9/2020|2020-10-05|EPI_ISL_586122|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19|Denmark/ALAB-SSI446/2020|2020-03-25|EPI_ISL_429534|Original|hCoV-19|Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertens lab|Kirkegaard|Denmark

> Spike|hCoV-19|USA/TX-HMH-7507/2020|2020-06-25|EPI_ISL_546808|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

> Spike|hCoV-19|USA/NY-PV09403/2020|2020-03-19|EPI_ISL_450084|Original|hCoV-19|New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

> Spike|hCoV-19|Scotland/CVR5275/2020|2020-10-22|EPI_ISL_650504|Original|hCoV-19|Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

> Spike|hCoV-19|England/CAMB-84D76/2020|2020-03-12|EPI_ISL_440470|Original|hCoV-19|England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

> Spike|hCoV-19|USA/MN-MDH-2056/2020|2020-03-26|EPI_ISL_683685|Original|hCoV-19|Minnesota|Human|M Health Fairview|Minnesota Department of Health|Garfin|USA
>Spike|hCoV-19|England|QEUH-B2E906/2020|2020-11-02|EPI_ISL_659819|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/CA-CZB-2476/2020|2020-04-14|EPI_ISL_513878|Original|hCoV-19^^California|Human|San Francisco Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA
>Spike|hCoV-19|England/CAMB-7712F/2020|2020-04-01|EPI_ISL_438515|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19|England/ALDP-9E973C/2020|2020-09-24|EPI_ISL_584242|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19|Portugal/PT0495/2020|2020-04-30|EPI_ISL_454219|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saúde (INSA)|Borges|Portugal
>Spike|hCoV-19|England/CAMC-BFB4F2/2020|2020-12-04|EPI_ISL_709128|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|England/VA-DCLS-0315/2020|2020-05-04|EPI_ISL_467928|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spike|hCoV-19|Gibraltar/204421239/2020|2020-10-27|EPI_ISL_613698|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar
>Spike|hCoV-19|England/DGCC-10278/2020|2020-11-09|EPI_ISL_669872|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelersen|Denmark
>Spike|hCoV-19|USA/OR-PROV-182/2020|2020-05-13|EPI_ISL_482430|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA
>Spike|hCoV-19|England/MILK-A6A3D4/2020|2020-10-09|EPI_ISL_627502|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19|England/CAMC-B33573/2020|2020-11-05|EPI_ISL_659213|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/MI-UM-10036576559/2020|2020-10-22|EPI_ISL_640167|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>Spike|hCoV-19|England/QEUH-B425EA/2020|2020-11-08|EPI_ISL_657237|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|England/ALDP-A95358/2020|2020-10-19|EPI_ISL_624649|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Australia/VIC15446/2020|2020-07-30|EPI_ISL_593309|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19|Netherlands/un-EMC-751/2020|2020-04-06|EPI_ISL_523507|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oudemanhuispoort|Munnik|Netherlands
>Spike|hCoV-19|USA/WI-UW-2562/2020|2020-12-29|EPI_ISL_788905|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA
>Spike|hCoV-19|England/CAMB-76DA4/2020|2020-03-31|EPI_ISL_439452|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19|USA/TX-HMH-MCoV-12646/2020|2020-08-31|EPI_ISL_790439|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|Wales/PHWC-2C129/2020|2020-04-04|EPI_ISL_474278|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike| hCoV-19/USA/TX-HMH-3732/2020|2020-06-16|EPI_ISL_543144|Original|hCoV-19
> Texas| Human| Houston Methodist Hospital| Houston Methodist Hospital| Long| USA
> Spike| hCoV-19/England/ALDP-A6944B/2020|2020-10-12|EPI_ISL_609125|Original|hCoV-19
> England| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom
> Spike| hCoV-19/England/ALDP-9CB04/2020|2020-09-16|EPI_ISL_575637|Original|hCoV-19
> England| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom
> Spike| hCoV-19/Denmark/DGCC-14623/2020|2020-11-23|EPI_ISL_711876|Original|hCoV-19
> Hovedstaden| Human| Department of Virus and Microbiological Special Diagnostics| Albertsen Lab| Michaelsen| Denmark
> Spike| hCoV-19/Denmark/DGCC-13868/2020|2020-11-30|EPI_ISL_713070|Original|hCoV-19
> Hovedstaden| Human| Department of Virus and Microbiological Special Diagnostics| Albertsen Lab| Michaelsen| Denmark
> Spike| hCoV-19/USA/TX-HMH-5998/2020|2020-06-30|EPI_ISL_547155|Original|hCoV-19
> Texas| Human| Houston Methodist Hospital| Houston Methodist Hospital| Long| USA
> Spike| hCoV-19/England/OEUH-A5E35B/2020|2020-10-12|EPI_ISL_597384|Original|hCoV-19
> England| Human| Lighthouse Lab in Glasgow| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom
> Spike| hCoV-19/England/ALDP-9D98C3/2020|2020-09-18|EPI_ISL_576767|Original|hCoV-19
> England| Human| Oxford Viromics| COVID-19 Genomics UK (COG-UK) Consortium| Golubchik| United Kingdom
> Spike| hCoV-19/England/ALDP-B49167/2020|2020-11-07|EPI_ISL_649285|Original|hCoV-19
> England| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom
> Spike| hCoV-19/Kenya/C5029/2020|2020-05-08|EPI_ISL_568749|Original|hCoV-19
> Mombasa| Human| KEMRI-Wellcome Trust Research Programme| KEMRI-CGMR-C Kilifi| KEMRI-Wellcome Trust Research Programme| KEMRI-CGMR-C Kilifi| Githinji| Kenya
> Spike| hCoV-19/Morocco/FMP-9/2020|2020-11-00|EPI_ISL_728289|Original|hCoV-19
> Rabat| Human| Laboratoire Biolife| Laboratoire de Biotechnologie| Ouadghiri| Morocco
> Spike| hCoV-19/Canada/ON-PHL-20-03796/2020|2020-11-00|EPI_ISL_775057|Original|hCoV-19
> Ontario| Human| Public Health Ontario Laboratory| Public Health Ontario Laboratory| Guthrie| Canada
> Spike| hCoV-19/USA/UT-UPHL-2012838843/2020|2020-11-30|EPI_ISL_746469|Original|hCoV-19
> Utah| Human| Utah Public Health Laboratory| Utah Public Health Laboratory| Gallagher| USA
> Spike| hCoV-19/England/CAMC-B32AA2/2020|2020-11-05|EPI_ISL_659671|Original|hCoV-19
> England| Human| Lighthouse Lab in Cambridge| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom
> Spike| hCoV-19/Denmark/DGCC-10894/2020|2020-11-02|EPI_ISL_670270|Original|hCoV-19
> Syddanmark| Human| Department of Virus and Microbiological Special Diagnostics| Albertsen Lab| Michaelsen| Denmark
> Spike| hCoV-19/USA/OR-OHSU-0692/2020|2020-06-17|EPI_ISL_525889|Original|hCoV-19
> Oregon| Human| OHSU Lab Services Molecular Microbiology Lab| Ginkgo Bioworks Clinical Laboratory| 'O'Roak| USA
> Spike| hCoV-19/Wales/PHWC-2AE06/2020|2020-04-04|EPI_ISL_474259|Original|hCoV-19
> Wales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom
> Spike| hCoV-19/France/IDF-10048SA/2020|2020-03-00|EPI_ISL_447667|Original|hCoV-19
> France| Human| H\u00f4pital Henri-Mondor Ap-Hp| H\u00f4pital Henri-Mondor Ap-Hp| Rodriguez| France
> Spike| hCoV-19/England/ALDP-944BBB/2020|2020-06-07|EPI_ISL_555710|Original|hCoV-19
> England| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom
> Spike| hCoV-19/Scotland/GCVR-170F67/2020|2020-03-27|EPI_ISL_459649|Original|hCoV-19
> Scotland| Human| NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom
Spike|hCoV-19|England/204341509/2020|2020-10-20|EPI_ISL_649832|Original|hCoV-19
England|Human|Respiratory Virus Unit;COVID-19 Genomics UK (COG-UK) Consortium;Platt;United Kingdom
Spike|hCoV-19|USA/TX-HMW-4827/2020|2020-06-20|EPI_ISL_544358|Original|hCoV-19
Texas|Human|Houston Methodist Hospital;Houston Methodist Hospital;Long;USA
Spike|hCoV-19|England/MILK-ACD375/2020|2020-10-21|EPI_ISL_634479|Original|hCoV-19
England|Human|Lighthouse Lab in Milton Keynes;Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium;Davies;United Kingdom
Spike|hCoV-19|Russia/OMS-ORINFI-94335/2020|2020-05-21|EPI_ISL_569748|Original|hCoV-19
Omsk|Human;Omsk Research Institute of Natural Focal Infections;WHO National Influenza Centre Russian Federation;Komissarov;Russia
Spike|hCoV-19|Japan/PG-6005/2020|2020-07-00|EPI_ISL_689118|Original|hCoV-19
Japan|Human|Pathogen Genomics Center;Pathogen Genomics Center;Sekizuka;Japan
Spike|hCoV-19|Australia/VIC12965/2020|2020-07-28|EPI_ISL_592127|Original|hCoV-19
Victoria|Human;Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL);MDU-PHL;Schultz;Australia
Spike|hCoV-19|USA/MI-UW-10036719444/2020|2020-10-31|EPI_ISL_682139|Original|hCoV-19
Michigan|Human;University of Michigan Clinical Microbiology Laboratory;Lauring Lab;Valesano;USA
Spike|hCoV-19|England/MILK-483414/2020|2020-04-29|EPI_ISL_559670|Original|hCoV-19
England|Human;Lighthouse Lab in Milton Keynes;Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium;Davies;United Kingdom
Spike|hCoV-19|Denmark/DGC-22178/2020|2020-12-14|EPI_ISL_757825|Original|hCoV-19
Hovedstaden|Human;Department of Virus and Microbiological Special Diagnostics;Albertsen Lab;Michaelsen;Denmark
Spike|hCoV-19|USA/CT-Yale-370/2020|2020-08-17|EPI_ISL_527784|Original|hCoV-19
Connecticut|Human;Connecticut State Department of Public Health;Grubaugh Lab - Yale School of Public Health;Fauver;USA
Spike|hCoV-19|India/MH-ACTREC-196/2020|2020-06-22|EPI_ISL_699850|Original|hCoV-19
Maharashtra|Human;Hematopathology Laboratory;Hematopathology Laboratory;Patkar;India
Spike|hCoV-19|Spain/CL-IBV-97006224/2020|2020-04-13|EPI_ISL_537370|Original|hCoV-19
Castilla y Leon|Human;Universidad de Le\u00f3n;SegCOVID-SPAIN consortium;IBV(CSIC);Comas;Spain
Spike|hCoV-19|England/BRS-12282D/2020|2020-04-03|EPI_ISL_440675|Original|hCoV-19
England|Human;PHE South West Regional Laboratory;Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium;Amato;United Kingdom
Spike|hCoV-19|England/204690152/2020|2020-11-13|EPI_ISL_683480|Original|hCoV-19
England|Human;Respiratory Virus Unit;COVID-19 Genomics UK (COG-UK) Consortium;Platt;United Kingdom
Spike|hCoV-19|England/CAMC-A82FB4/2020|2020-10-14|EPI_ISL_610741|Original|hCoV-19
England|Human;Lighthouse Lab in Cambridge;Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium;Davies;United Kingdom
Spike|hCoV-19|USA/LA-EVTLa55/2020|2020-06-20|EPI_ISL_578859|Original|hCoV-19
Louisiana|Human;LSUHS Emerging Viral Threat Laboratory;Microbial Genome Sequencing Center;Kamil;USA
Spike|hCoV-19|New Zealand/20VR2497/2020|2020-00-00|EPI_ISL_597252|Original|hCoV-19
Auckland|Human;LabPLUS;Institute of Environmental Science and Research (ESR);Wang;New Zealand
Spike|hCoV-19|USA/ID-UNM-IBL056/2020|2020-03-19|EPI_ISL_632885|Original|hCoV-19
Idaho|Human;Idaho Bureau of Laboratories;Center for Global Health;Domman;USA
Spike|hCoV-19|Australia/VIC6354/2020|2020-07-21|EPI_ISL_518334|Original|hCoV-19
Victoria|Human;Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL);MDU-PHL;Schultz;Australia

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>Spike|hCoV-19/England/MILK-ACDCB6/2020|2020-10-22|EPI_ISL_630096|Original|hCoV-19
|Eng|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp|hCoV-19/USA/MI-MDHHS-SC22264/2020|2020-11-07|EPI_ISL_666930|Original|hCoV-19
|Mich|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA
>Sp|hCoV-19/Yichun/JX2391/2020|2020-02-06|EPI_ISL_455461|Original|hCoV-19
|Jiangxi|Human|Jiangxi Province Center for Disease Control and Prevention|Jiangxi Province Center for Disease Control and Prevention|Xiong|China
>Sp|hCoV-19/England/CAMC-B529DC/2020|2020-11-09|EPI_ISL_657508|Original|hCoV-19
|Eng|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp|hCoV-19/USA/CA-CHLA-PLM32753781/2020|2020-11-09|EPI_ISL_753296|Original|hCoV-19
|California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA
>Sp|hCoV-19/England/QEUH-9DC620/2020|2020-09-21|EPI_ISL_580878|Original|hCoV-19
|Eng|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp|hCoV-19/USA/LA-EVTLL134/2020|2020-05-06|EPI_ISL_451295|Original|hCoV-19
|Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Sp|hCoV-19/England/MILK-ACD3EE/2020|2020-10-21|EPI_ISL_634367|Original|hCoV-19
|Eng|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp|hCoV-19/England/QEUH-9B79C8/2020|2020-09-08|EPI_ISL_590566|Original|hCoV-19
|Eng|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp|hCoV-19/Gambia/GC19-3774/2020|2020-07-27|EPI_ISL_561074|Original|hCoV-19
|Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia
>Sp|hCoV-19/USA/WA-S2182/2020|2020-06-08|EPI_ISL_497610|Original|hCoV-19
|Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Sp|hCoV-19/England/OXON-B1AD3/2020|2020-00-00|EPI_ISL_479070|Original|hCoV-19
|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Sp|hCoV-19/USA/WA-UW-9578/2020|2020-05-20|EPI_ISL_570264|Original|hCoV-19
|Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Sp|hCoV-19/England/QEUH-965343/2020|2020-08-12|EPI_ISL_531178|Original|hCoV-19
|Eng|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp|hCoV-19/Scotland/CVR2036/2020|2020-04-08|EPI_ISL_477845|Original|hCoV-19
|Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Sp|hCoV-19/USA/NJ-QDX-2191/2020|2020-03-15|EPI_ISL_604554|Original|hCoV-19
|New Jersey|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Sp|hCoV-19/USA/CA-CZB-1222/2020|2020-03-19|EPI_ISL_450471|Original|hCoV-19
|California|Human|Stanford clinical virology lab|Chan-Zuckerberg Biohub|Hao|USA
>Sp|hCoV-19/France/ARA-SC095/2020|2020-03-12|EPI_ISL_666882|Original|hCoV-19
|Auvergne-Rh\`{e}©n|Human|Centre Hospitalier Mu\`{e}00e9trole de Savoie|CNR Virus des Infections Respiratoires - France Sud|Bal|France
>Sp|hCoV-19/USA/LA-GBC1-26684502/2020|2020-04-10|EPI_ISL_485308|Original|hCoV-19
|Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA
Spike|hCoV-19|Denmark|DCGC-4925/2020|2020-09-21|EPI_ISL_621463|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albersen lab|Michaelisen|Denmark
Spike|hCoV-19|Switzerland|ZH-UZH-1000482985/2020|2020-03-15|EPI_ISL_508867|Original|hCoV-19^^Zurich|Human|Division of Infectious Diseases and Hospital Epidemiology|Institute of Medical Virology|Huber|Switzerland
Spike|hCoV-19|Australia/NSW1249/2020|2020-12-17|EPI-ISL_740880|Original|hCoV-19^^New South Wales|Human|Histopathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gallagher|Australia
Spike|hCoV-19|Russia/StPetersburg-82005/2020|2020-03-24|EPI-ISL_428897|Vero|hCoV-19^^Saint Petersburg|Human|State Research Center of Virology and Biotechnology VECTOR|State Research Center of Virology and Biotechnology VECTOR|Shvalov|Russia
Spike|hCoV-19|England/MLIK-BAAAAB/2020|2020-11-17|EPI-ISL_681579|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|Switzerland/GE-HUG-6099/2020|2020-04-06|EPI-ISL_429221|Original|hCoV-19^^Geneve|Human|University Hospitals of Geneva Laboratory of Virology|University Hospitals of Geneva Laboratory of Virology|Cordey|Switzerland
Spike|hCoV-19|Netherlands/Utrecht_10031/2020|2020-04-04|EPI-ISL_454780|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
Spike|hCoV-19|USA/MD-MDH-0098/2020|2020-05-23|EPI-ISL_522833|Original|hCoV-19^^Maryland|Human|Maryland Department of Health|Maryland Department of Health|Keller|USA
Spike|hCoV-19|England/BRIS-12D558/2020|2020-05-03|EPI-ISL_481913|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/QEUH-9BAC53/2020|2020-09-07|EPI-ISL_573631|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
Spike|hCoV-19|Wales/MLIK-99475E/2020|2020-08-25|EPI-ISL_552212|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Denmark/DCGC-3654/2020|2020-08-31|EPI-ISL_615426|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albersen lab|Michaelisen|Denmark
Spike|hCoV-19|Australia/NSW929/2020|2020-09-04|EPI-ISL_547594|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Liverpool Hospital - NSW Health Pathology - NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
Spike|hCoV-19|France/PAC-IHU-0828/2020|2020-05-23|EPI-ISL_568982|Original|hCoV-19^^Provence-Alpes-Côte d'Azur|Human|MEPHI|MEPHI|Levassor|France
Spike|hCoV-19|USA/TX-HHH-2689/2020|2020-06-05|EPI-ISL_545478|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|USA/TX-HHH-5895/2020|2020-06-30|EPI-ISL_547091|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|USA/UT-UPHL-2012472233/2020|2020-11-27|EPI-ISL_747014|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA
Spike|hCoV-19|USA/NY-NYCPH-001296/2020|2020-11-09|EPI-ISL_683845|Original|hCoV-19^^New York|Human|DOHMH Morrisania|New York City Public Health Laboratory|Wang|USA
Spike|hCoV-19|South Africa/KRISP-K002237/2020|2020-07-20|EPI-ISL_515629|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de OliveiraTa|South Africa
Spike|hCoV-19|USA/CA-CZB-10202/2020|2020-05-11|EPI-ISL_672258|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA
Spike|hCoV-19|USA/NY-NYCPH-000841/2020|2020-03-29|EPI-ISL_632218|Original|hCoV-19^^New York|Human|Richmond University Medical Center|New York City Public Health Laboratory|Wang|USA
>Spike|hCoV-19/England/EXET-13B092/2020|2020-11-10|EPI_ISL_665108|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Tamperton|United Kingdom
>Spikes|hCoV-19/Northern Ireland/NIRE-FB730/2020|2020-03-25|EPI_ISL_448972|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
>Spikes|hCoV-19/USA/WA-S1650/2020|2020-05-29|EPI_ISL_496076|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spikes|hCoV-19/England/LOND-125FD8E/2020|2020-04-06|EPI_ISL_516876|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/England/MILK-9C449A/2020|2020-09-09|EPI_ISL_566752|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/Norway/5656/2020|2020-11-17|EPI_ISL_708137|Original|hCoV-19^^Viken|Human|Medical Microbiology Unit|Norwegian Institute of Public Health|Kopperud Riis|Norway
>Spikes|hCoV-19/England/ALDP-B24A1C/2020|2020-11-04|EPI_ISL_646828|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/England/SHF-C327C/2020|2020-10-13|EPI_ISL_612062|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spikes|hCoV-19/USA/NY-NYUMC176/2020|2020-04-01|EPI_ISL_427524|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
>Spikes|hCoV-19/Saudi Arabia/KAUST-Makkah20/2020|2020-03-22|EPI_ISL_437468|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia
>Spikes|hCoV-19/USA/TX-DSHS-1673/2020|2020-06-24|EPI_ISL_710059|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spikes|hCoV-19/England/QUEH-A2244E/2020|2020-10-01|EPI_ISL_587609|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/Spain/VC-FISABIO-136/2020|2020-03-18|EPI_ISL_436231|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia|Consorcio Hospital General Universitario de Valncia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain
>Spikes|hCoV-19/Iceland/284/2020|2020-03-17|EPI_ISL_417612|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f6nsson|Iceland
>Spikes|hCoV-19/England/QUEH-962D1B/2020|2020-08-10|EPI_ISL_531810|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/England/CAMB-72D5D/2020|2020-03-23|EPI_ISL_439958|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spikes|hCoV-19/Scotland/QUEH-9CE973/2020|2020-09-17|EPI_ISL_601994|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/Japan/PG-7277/2020|2020-08-08|EPI_ISL_688380|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spikes|hCoV-19/USA/TX-HMH-MCoV-15585/2020|2020-10-23|EPI_ISL_787069|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spikes|hCoV-19/Wales/MILK-B01D1C/2020|2020-10-24|EPI_ISL_647829|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Switzerland/BS-42395355/2020|2020-08-14|EPI_ISL_581957|Original|hCoV-19
^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Canada/QC-LSPQ-L00236091/2020|2020-03-24|EPI_ISL_536117|Original|hCoV-19
^Quebec|Human|Hôpital de Hull|Laboratoire de santé du Quôc|Moreira|Canada

>Spike|hCoV-19/Norway/6244/2020|2020-11-24|EPI_ISL_775362|Original|hCoV-19
^Utland|Human|Fôrde Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/USA/UT-UPHL-2009275/2020|2020-05-15|EPI_ISL_525256|Original|hCoV-19
^Victoria|Human|Victoria Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Scotland/CVR712/2020|2020-03-26|EPI_ISL_433330|Original|hCoV-19
^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMC-9D2129/2020|2020-09-18|EPI_ISL_601664|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-CA372C/2020|2020-12-14|EPI_ISL_762281|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-4A392E/2020|2020-05-27|EPI_ISL_559618|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CWAR-24FDBB9/2020|2020-04-16|EPI_ISL_584446|Original|hCoV-19
^England|Human|UHCH / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

>Spike|hCoV-19/Denmark/DGCC-21486/2020|2020-12-21|EPI_ISL_757742|Original|hCoV-19
^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaela|Denmark

>Spike|hCoV-19/Scotland/CVR4015/2020|2020-08-29|EPI_ISL_535114|Original|hCoV-19
^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/SHEF-10C5DEF/2020|2020-12-10|EPI_ISL_727866|Original|hCoV-19
^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-B4612D/2020|2020-11-07|EPI_ISL_656071|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-935625/2020|2020-06-21|EPI_ISL_552865|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3088/2020|2020-04-00|EPI_ISL_691210|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DGCC-535D/2020|2020-09-14|EPI_ISL_615281|Original|hCoV-19
^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaela|Denmark

>Spike|hCoV-19/England/LOND-12608F2/2020|2020-04-04|EPI_ISL_516834|Original|hCoV-19
^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-B31DC/2020|2020-05-20|EPI_ISL_534842|Original|hCoV-19
^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Netherlands/Gelderland_127/2020|2020-05-22|EPI_ISL_460888|Original|hCoV-19
^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/Iceland/87/2020|2020-03-10|EPI_ISL_417729|Original|hCoV-19
^Reykjavik|Human|The National University Hospital of Iceland|deCODE

- Genetics|J\00f3nssson|Iceland

>Spike|hCoV-19/Denmark/DGCC-16701/2020|2020-11-02|EPI_ISL_714476|Original|hCoV-19
^Midtjylland|Human|Department of Virus and Microbiological Special

- Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-10872/2020|2020-07-09|EPI_ISL_789668|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-ADID25/2020|2020-10-26|EPI_ISL_629917|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19

- Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-BTHZ-340115/2020|2020-10-26|EPI_ISL_721750|Original|hCoV-19
^Bern|Human|VioUetter AG|Department of Biosystems

- Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/CA-CZB-3714/2020|2020-07-21|EPI_ISL_548394|Original|hCoV-19
^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg

- Biohub|Bhatt|USA

>Spike|hCoV-19/Wales/PHWC-480A33/2020|2020-10-22|EPI_ISL_612204|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK

- (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-8030F/2020|2020-04-09|EPI_ISL_524498|Original|hCoV-19
^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19

- Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49F239/2020|2020-12-05|EPI_ISL_743183|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK

- (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Iceland/204/2020|2020-03-16|EPI_ISL_417826|Original|hCoV-19
^Reykjavik|Human|The National University Hospital of Iceland|deCODE

- Genetics|J\00f3nssson|Iceland

>Spike|hCoV-19/Wales/PHWC-3554F/2020|2020-04-23|EPI_ISL_474443|Original|hCoV-19
^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-B7F20B/2020|2020-11-14|EPI_ISL_668001|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19

- Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6355/2020|2020-07-05|EPI_ISL_547412|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/SHEF-C7A52/2020|2020-05-12|EPI_ISL_479229|Original|hCoV-19
^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de

- Silva|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1573/2020|2020-09-16|EPI_ISL_605451|Original|hCoV-19
^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research

- Laboratories|University of Wisconsin-Madison AIDS Vaccine Research

- Laboratories|Baczenas|USA

>Spike|hCoV-19/England/NOTT-10ECA3/2020|2020-03-28|EPI_ISL_432911|Original|hCoV-19
^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/QEUH-B68F68/2020|2020-11-11|EPI_ISL_662172|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19

- Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/IC-01122/2020|2020-08-00|EPI_ISL_591463|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/EDB4323/2020|2020-04-24|EPI_ISL_453120|Original|hCoV-19
^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK)

- Consortium|Williams|United Kingdom

>Spike|hCoV-19/Japan/PG-7984/2020|2020-08-00|EPI_ISL_687085|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DGCC-1219/2020|2020-03-30|EPI_ISL_622437|Original|hCoV-19
^Hovedstaden|Human|Department of Virus and Microbiological Special

- Diagnostics|Albertsen lab|Michaelsen|Denmark
Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/Denmark/DGCC-17361/2020|2020-12-14|EPI ISL_750933|Original|hCoV-19^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelson|Denmark

> Spike|hCoV-19/USA/CA-C2B-1600/2020|2020-04-01|EPI ISL_468529|Original|hCoV-19^California|Human|San Joaquin County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA

> Spike|hCoV-19/Austria/CeMM1078/2020|2020-06-30|EPI ISL_583884|Original|hCoV-19^Austria|Human|Austrian Agency for Health and Food Safety (AGES)|Berghalter laboratory|Berghalter|Austria

> Spike|hCoV-19/England/SHEF-CBB5B/2020|2020-03-26|EPI ISL_442398|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

> Spike|hCoV-19/England/LIVE-DCOBB3/2020|2020-11-03|EPI ISL_703881|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

> Spike|hCoV-19/England/ALDP-920DCE/2020|2020-06-23|EPI ISL_552909|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/Jordan/AM-ALSR-3964/2020|2020-09-30|EPI ISL_636327|Original|hCoV-19^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

> Spike|hCoV-19/Wales/PHWC-4860PF/2020|2020-10-24|EPI ISL_628309|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/Australia/VIC3530/2020|2020-07-07|EPI ISL_520279|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

> Spike|hCoV-19/England/ALDP-B62C94/2020|2020-11-08|EPI ISL_655615|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/USA/CA-ALSR-4173/2020|2020-07-02|EPI ISL_648864|Original|hCoV-19^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

> Spike|hCoV-19/France/ARA-1284/2020|2020-03-23|EPI ISL_420616|Original|hCoV-19^Auvergne-Rh\00f4ne-Alpes|Human|Institut des Agents Infectieux (IAI)|CNR Virus des Infections Respiratoires - France SUD|Josset|France

> Spike|hCoV-19/Australia/VIC5448/2020|2020-07-15|EPI ISL_520199|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

> Spike|hCoV-19/USA/TX-HMH-6349/2020|2020-07-02|EPI ISL_547407|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/LA-EVTL313/2020|2020-05-14|EPI_ISL_578720|Original|hCoV-19^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spikes|hCoV-19/Netherlands/ZuidHolland_99/2020|2020-03-31|EPI_ISL_422635|Original|hCoV-19^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spikes|hCoV-19/Netherlands/NB-EMC-281/2020|2020-05-11|EPI_ISL_523403|Original|hCoV-19^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spikes|hCoV-19/England/MILK-ACC32B/2020|2020-10-21|EPI_ISL_629422|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/England/BRIS-12514D/2020|2020-03-27|EPI_ISL_443753|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spikes|hCoV-19/England/MILK-BDB4AD/2020|2020-11-26|EPI_ISL_709732|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spikes|hCoV-19/Wales/PHWC-16E351/2020|2020-10-04|EPI_ISL_585704|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spikes|hCoV-19/Wales/PHWC-16D246/2020|2020-09-20|EPI_ISL_574216|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spikes|hCoV-19/USA/WI-GMF-01316/2020|2020-04-06|EPI_ISL_429848|Original|hCoV-19^Towai|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA
>Spikes|hCoV-19/England/ALDP-A6P630/2020|2020-10-15|EPI_ISL_607787|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/Denmark/DGCC-11061/2020|2020-11-02|EPI_ISL_669830|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spikes|hCoV-19/Canada/QC-LSPQ-L00242049/2020|2020-03-28|EPI_ISL_536307|Original|hCoV-19^Quebec|Human|H\textbackslash u00e9 publique du Qu\textbackslash u00e0laboratoire de sant\u00e9\textbackslash u00e9|Canada
>Spikes|hCoV-19/Scotland/QUEUH-9A409C/2020|2020-09-01|EPI_ISL_568369|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/England/ARA-NNR02745/2020|2020-10-13|EPI_ISL_639981|Original|hCoV-19^Auvergne-Rhone-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France
>Spikes|hCoV-19/Italy/VEN-UniVR-110/2020|2020-03-27|EPI_ISL_751319|Original|hCoV-19^Veneto|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy
>Spikes|hCoV-19/USA/CA-CZB-15055/2020|2020-11-18|EPI_ISL_739404|Original|hCoV-19^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamil|USA
>Spikes|hCoV-19/Scotland/EDB1180/2020|2020-04-07|EPI_ISL_433425|Original|hCoV-19^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spikes|hCoV-19/England/MILK-B8E139/2020|2020-11-13|EPI_ISL_674641|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spikes|hCoV-19/Japan/PG-6249/2020|2020-08-08|EPI_ISL_689360|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spikes|hCoV-19/South Africa/R13289-20/2020|2020-07-01|EPI_ISL_622902|Original|hCoV-19^KwaZulu-Natal|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa
>Spike|hCoV-19/England/ALDP-A94535/2020|2020-10-20|EPI_ISL_624904|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/England/ALDP-C58577/2020|2020-12-14|EPI_ISL_736199|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/USA/VA-DCLS-0868/2020|2020-04-30|EPI_ISL_516663|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

> Spike|hCoV-19/Japan/PG-2413/2020|2020-04-01|EPI_ISL_686018|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

> Spike|hCoV-19/Australia/NSW2550/2020|2020-04-04|EPI_ISL_527051|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia

> Spike|hCoV-19/Belgium/LA-0403382/2020|2020-04-03|EPI_ISL_462236|Original|hCoV-19^^Beuzet|Human|KU Leuven|KU Leuven|Maes|Belgium

> Spike|hCoV-19/France/PAC-MEPIH-1720/2020|2020-09-17|EPI_ISL_644431|Original|hCoV-19^^Provence-Alpes-Cote-d'Azur|Human|MEPHI|MEPHI|Levasseur|France

> Spike|hCoV-19/USA/495725/2020|2020-10-15|EPI_ISL_786477|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

> Spike|hCoV-19/Australia/VIC4404/2020|2020-07-14|EPI_ISL_519700|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

> Spike|hCoV-19/Wales/PHWC-495725/2020|2020-11-23|EPI_ISL_726388|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/Belgium/HL-030771/2020|2020-03-07|EPI_ISL_420327|Original|hCoV-19^^Zonhoven|Human|KU Leuven|KU Leuven|Maes|Belgium

> Spike|hCoV-19/England/QEUH-AF66D4/2020|2020-10-30|EPI_ISL_663152|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/Denmark/DCGC-8498/2020|2020-10-26|EPI_ISL_625905|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

> Spike|hCoV-19/Chile/CA-CADIUMAG-36/2020|2020-08-16|EPI_ISL_681701|Original|hCoV-19^^Magallanes|Human|Molecular Medicine Laboratory|Centro Asistencial Docente y de Investigacion|Navarrete|Chile

> Spike|hCoV-19/England/201360016/2020|2020-03-24|EPI_ISL_423197|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

> Spike|hCoV-19/Australia/VIC14075/2020|2020-09-17|EPI_ISL_563957|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

> Spike|hCoV-19/USA/CA-CZB0110/2020|2020-03-28|EPI_ISL_429059|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

> Spike|hCoV-19/India/DL-NCDC2045-CSIR-IGIB/2020|2020-05-18|EPI_ISL_482534|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Pandey|India

> Spike|hCoV-19/Denmark/ALAB-HH-99/2020|2020-03-07|EPI_ISL_452100|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark
>Spike|hCoV-19/Northern Ireland/NIRE-109419/2020|2020-10-13|EPI_ISL_650901|Original|hCoV-19^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
>Spke|hCoV-19/England/rega-1211346/2020|2020-12-11|EPI_ISL_738399|Original|hCoV-19^Mol|Human|UZ Leuven|KU Leuven|Maastricht University|Belgium
>Spke|hCoV-19/England/CAMB-75866/2020|2020-03-28|EPI_ISL_438276|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spke|hCoV-19/USA/TX-HNH-MCoV-14964/2020|2020-10-15|EPI_ISL_786448|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spke|hCoV-19/England/ALDP-B1C3A3/2020|2020-11-01|EPI_ISL_645752|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19/Wales/PHWC-26392/2020|2020-03-26|EPI_ISL_422249|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spke|hCoV-19/England/NOTT-111A3A/2020|2020-05-28|EPI ISL 461953|Original|hCoV-19^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spke|hCoV-19/England/MILK-A6AB54/2020|2020-10-07|EPI_ISL_709944|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19/USA/VA-DCLS-0434/2020|2020-05-02|EPI_ISL_477650|Original|hCoV-19^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spke|hCoV-19/USA/AZ-TG569496/2020|2020-07-10|EPI_ISL_695583|Original|hCoV-19^Arizona|Human|AZ SPHL|TGen North|French|USA
>Spke|hCoV-19/USA/NY-SURV097/2020|2020-03-09|EPI_ISL_436049|Original|hCoV-19^New York|Human|NYC Department of Health and Mental Hygiene|Pathogen Discovery|Queen|USA
>Spke|hCoV-19/USA/LA-EVTLL552/2020|2020-08-05|EPI_ISL_578956|Original|hCoV-19^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamal|USA
>Spke|hCoV-19/USA/CA-CZB-14604/2020|2020-10-29|EPI_ISL_739325|Original|hCoV-19^California|Human|Napa-Solano-Yolo- Marin County (NSYM) Public Health Laboratories|Chan-Zuckerberg Biohub|Kamal|USA
>Spke|hCoV-19/Denmark/DGCC-10737/2020|2020-11-02|EPI ISL 670171|Original|hCoV-19^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Alberts Lab|Michaelson|Denmark
>Spke|hCoV-19/England/CAMB-74580/2020|2020-03-28|EPI ISL 425308|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spke|hCoV-19/Wales/PHWC-4A02DB/2020|2020-12-11|EPI ISL 743425|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spke|hCoV-19/England/CAM-HAABOC/2020|2020-11-18|EPI ISL 681463|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19/England/ALDP-C39284/2020|2020-12-08|EPI ISL 731307|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19/USA/CA-IGI-0793/2020|2020-06-30|EPI ISL 677889|Original|hCoV-19^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA
Consortium|Roy|United Kingdom|Human|Kingston Health Sciences Centre and Queen's University|Ontario Institute for Cancer Research|de Borja|Canada

> Spike|hCoV-19|Canada/ON-SLB3119|2020|2020-04-21|EPI ISL_717736|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Centre and Queen's University|Ontario Institute for Cancer Research|de Borja|Canada

> Spike|hCoV-19|England/CAMB-768D0|2020|2020-03-30|EPI ISL_438325|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

> Spike|hCoV-19|El Salvador/INS-01|2020|2020-09-16|EPI ISL_671974|Original|hCoV-19^^San Salvador|Human|Laboratorio de Virología y Microbiología|University College London Hospital|COVID-19 Genomics UK (COG-UK) consortium|Ortega|El Salvador

> Spike|hCoV-19|Scotland/QEUH-B9F85E|2020|2020-11-18|EPI ISL_757273|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|England/CAMB-1AC19|2020|2020-04-27|EPI ISL_444380|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Meredith|United Kingdom

> Spike|hCoV-19|Portugal/PT1839|2020|2020-11-10|EPI ISL_732059|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saúde (INSA)|Instituto Nacional de Saúde (INSA)|Borges|Portugal

> Spike|hCoV-19|Wales/PHWC-164C6F|2020|2020-05-18|EPI ISL_479364|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom

> Spike|hCoV-19|England/CAMB-1B25D0|2020|2020-05-18|EPI ISL_456698|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Meredith|United Kingdom

> Spike|hCoV-19|England/QEUH-C7D7C1|2020|2020-12-16|EPI ISL_762802|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|Scotland/PHLC-1B25D0|2020|2020-07-17|EPI ISL_519963|Original|hCoV-19^^Scotland|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|Public Health Laboratory (MDU-PHL)|Schultz|Australia

> Spike|hCoV-19|Northern Ireland/NIRE-FCFDD|2020|2020-04-24|EPI ISL_489372|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|Virginia/VIRGINIA DCLS|2020|2020-09-21|EPI ISL_584820|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

> Spike|hCoV-19|Wisconsin/768D0|2020|2020-03-30|EPI ISL_438325|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

> Spike|hCoV-19|England/LOND-1250646|2020|2020-10-01|EPI ISL_665223|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) consortium|Byott|United Kingdom

> Spike|hCoV-19|USA/2020-11-25|EPI ISL_728066|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

> Spike|hCoV-19|England/LOND-1250646|2020|2020-10-01|EPI ISL_665223|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) consortium|Byott|United Kingdom
Spike|hCoV-19|England|CAMC-94C1FD|2020|2020-07-27|EPI_ISL_556650|Original|hCoV-19

Spike|hCoV-19|England|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Denmark|DGCC-7684|2020|2020-10-19|EPI_ISL_618620|Original|hCoV-19

Spike|hCoV-19|Midtjylland|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

Spike|hCoV-19|Denmark|DGCC-1118|2020|2020-03-16|EPI ISL_614613|Original|hCoV-19

Spike|hCoV-19|Hovedstaden|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

Spike|hCoV-19|Scotland|CVR833|2020|2020-03-27|EPI ISL_433348|Original|hCoV-19

Spike|hCoV-19|Scotland|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

Spike|hCoV-19|USA|WA-MA|S1492|2020|2020-08-10|EPI ISL_745594|Original|hCoV-19

Spike|hCoV-19|Utah|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Diagnostic|Albesen lab|Michaelsen|Denmark

Spike|hCoV-19|Sjaelland|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

Spike|hCoV-19|Hovedstaden|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

Spike|hCoV-19|England|MILK-B56000|2020|2020-11-06|EPI ISL_658365|Original|hCoV-19

Spike|hCoV-19|England|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|USA|WA-MA|S1492|2020|2020-04-26|EPI ISL_693137|Original|hCoV-19

Spike|hCoV-19|Massachusetts|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

Spike|hCoV-19|USA|WA-S70|2020|2020-03-05|EPI ISL_417123|Original|hCoV-19

Spike|hCoV-19|Washington|Washington State Department of Health|Seattle Flu Study|Bedford|USA

Spike|hCoV-19|Indonesia|JK-NIHRD-M12851|2020|2020-05-17|EPI ISL_538508|Original|hCoV-19

Spike|hCoV-19|England|CAMB-803FO|2020|2020-04-08|EPI ISL_470400|Original|hCoV-19

Spike|hCoV-19|England|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|USA|WI-WSLH-200380|2020|2020-04-22|EPI ISL_578548|Original|hCoV-19

Spike|hCoV-19|Wisconsin|Wisconsin State Laboratory of Hygiene|Communicable Disease Division|Wisconsin State Laboratory of Hygiene|Communicable Disease Division|Florek|USA

Spike|hCoV-19|Japan|PG-2940|2020|2020-04-00|EPI ISL_691066|Original|hCoV-19

Spike|hCoV-19|Japan|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

Spike|hCoV-19|Wales|PHWC-16FTS5A|2020|2020-10-04|EPI ISL_585983|Original|hCoV-19

Spike|hCoV-19|Wales|Pathways Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19|USA|WA-S1492|2020|2020-05-21|EPI ISL_495918|Original|hCoV-19

Spike|hCoV-19|Washington|Washington State Department of Health|Seattle Flu Study|Lee|USA

Spike|hCoV-19|England|MILK-9CF40|2020|2020-09-07|EPI ISL_566989|Original|hCoV-19

Spike|hCoV-19|England|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Bangladesh|DNASS_DRCIM_isl_17|2020|2020-04-29|EPI ISL_774911|Original|hCoV-19

Spike|hCoV-19|Bangladesh|DNASS_DRCIM_isl_17|2020|2020-04-29|EPI ISL_774911|Original|hCoV-19

Spike|hCoV-19|Australia|VIC2620|2020|2020-06-29|EPI ISL_521467|Original|hCoV-19

Spike|hCoV-19|Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL|MDU-PHL|Schultz|Australia

Spike|hCoV-19|USA|TX-HMH-7513|2020|2020-06-25|EPI ISL_546813|Original|hCoV-19

Spike|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19|Japan|PG-2803|2020|2020-04-00|EPI ISL_690930|Original|hCoV-19
>Spike|hCoV-19|England|ALDP-95457E|2020|2020-06-11|EPI_ISL_555448|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Spain|PV-IBV-2144|2020|2020-04-12|EPI_ISL_468929|Original|hCoV-19
>Basque Country|Human|Servicio de Microbiologu00eda. Hospital Universitario Donostia. OSI Donostialdea. l00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
>Spike|hCoV-19|Wales|PHWC-47F949|2020|2020-10-06|EPI_ISL_612746|Original|hCoV-19
>Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19|Denmark|DCGC-2993|2020|2020-08-24|EPI_ISL_616757|Original|hCoV-19
>Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelensen|Denmark
>Spike|hCoV-19|England|ALDP-BB9E98|2020|2020-11-20|EPI_ISL_701982|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/TX-HMH-MCoV-14764|2020|2020-10-01|EPI_ISL_786249|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|Denmark|DCGC-1377|2020|2020-03-30|EPI_ISL_622228|Original|hCoV-19
>Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelensen|Denmark
>Spike|hCoV-19|England/BRIS-130DF0|2020|2020-03-23|EPI_ISL_501608|Original|hCoV-19
>England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Denmark|DCGC-13628|2020|2020-11-30|EPI_ISL_712923|Original|hCoV-19
>Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelensen|Denmark
>Spike|hCoV-19|France/HDF-1463|2020|2020-02-21|EPI_ISL_429968|Original|hCoV-19
>Hauts-de-France|Human|Centre Hospitalier Coim008gne Laboratoire de Biologie|National Reference Center for Viruses of Respiratory Infections|Enouf|France
>Spike|hCoV-19|England/QEUH-9C885E|2020|2020-09-10|EPI_ISL_567077|Original|hCoV-19
>England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19|England/MILK-AC7593|2020|2020-10-21|EPI_ISL_630288|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Guangzhou/GZMU0023|2020|2020-02-05|EPI_ISL_429082|Original|hCoV-19
>Guangzhou|Human|The First Affiliated Hospital of Guangzhou Medical University|BGI-shenzhen & The First Affiliated Hospital of Guangzhou Medical University|Ji|China
>Spike|hCoV-19|England/CWAR-24FE153|2020|2020-05-01|EPI_ISL_584578|Original|hCoV-19
>England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom
>Spike|hCoV-19|USA/FI-BPHL-1924|2020|2020-07-23|EPI_ISL_613747|Original|hCoV-19
>Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19|England/ALDP-B859D0|2020|2020-11-14|EPI_ISL_675760|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/MD-MDH-0338|2020|2020-10-16|EPI_ISL_648281|Original|hCoV-19
>Virginia|Human|MD HPHL|MD HPHL|Keller|USA
>Spike|hCoV-19|Spain/MD-IVB-9909591|2020|2020-10-21|EPI_ISL_654343|Original|hCoV-19
>Madrid|Human|Hospital General Universitario Gregorio Marañ00f1|U00f3n|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
The text is a list of names and dates, possibly indicating locations or institutions. It seems to be a compilation of entries related to a specific field, perhaps geographic locations or medical entities. However, without further context, it's challenging to extract meaningful information from this raw text.
>Spike|hCoV-19/England/MILK-AB83D7/2020|2020-10-21|EPI_ISL_623216|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/CAMC-B21596/2020|2020-11-02|EPI_ISL_647538|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/England/LIVE-9B574/2020|2020-04-02|EPI_ISL_449462|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spik|hCoV-19/Scotland/QEUH-513697/2020|2020-05-04|EPI_ISL_547903|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/USA/TX-HMH-3214/2020|2020-06-13|EPI_ISL_544082|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Young|USA
>Spik|hCoV-19/Scotland/GCVR-170D30/2020|2020-03-25|EPI_ISL_459673|Original|hCoV-19^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/USA/UT-04510/2020|2020-05-20|EPI_ISL_522345|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spik|hCoV-19/USA/UT-02941/2020|2020-04-30|EPI_ISL_513697|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA
>Spik|hCoV-19/Denmark/DGCC-954/2020|2020-03-09|EPI_ISL_614564|Original|hCoV-19^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsens lab|Michaelsen|Denmark
>Spik|hCoV-19/Canada/MB-NML-1048/2020|2020-04-18|EPI_ISL_582407|Original|hCoV-19^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada
>Spik|hCoV-19/Brazil/RS-2528/2020|2020-03-17|EPI_ISL_729805|Original|hCoV-19^Rio Grande do Sul|Human|Laboratorio Central de Saude Publico do Estado do Rio Grande do Sul (LACEN-RS)|Laboratory of Respiratory Viruses and Measles|Silva|Brazil
>Spik|hCoV-19/England/QUEUH-539E96/2020|2020-05-18|EPI_ISL_532209|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/LIVE-9A93BC/2020|2020-09-01|EPI_ISL_551283|Original|hCoV-19^England|Human|Laboratory in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Scotland/QUEUH-AABF5B/2020|2020-10-21|EPI_ISL_652836|Original|hCoV-19^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Goldubchik|United Kingdom
>Spik|hCoV-19/USA/TX-HMH-7544/2020|2020-06-30|EPI_ISL_546839|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19/England/MILK-BB0FDA/2020|2020-11-18|EPI_ISL_720171|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/USA/WA-S2003/2020|2020-06-04|EPI_ISL_497431|Original|hCoV-19^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spik|hCoV-19/England/QUEUH-C33888/2020|2020-12-10|EPI_ISL_734091|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/CO-CDPHE-2100026492/2020|2020-11-23|EPI_ISL_771334|Original|hCoV-19^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\_^\^
>Spike|hCoV-19/England/OXON-AE07D/2020|2020-00-00|EPI_ISL_448659|Original|hCoV-19/England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spice|hCoV-19/Italy/CAM-INTPas-19/2020|2020-03-30|EPI_ISL_775257|Original|hCoV-19/Italy|Campania|Human|INT Fondazione Pascale|INT Fondazione Pascale|Rachiglio|Italy

>Spice|hCoV-19/USA/FI-BPHL-0501/2020|2020-06-02|EPI_ISL_495407|Original|hCoV-19/Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spice|hCoV-19/England/CAMB-788EA/2020|2020-04-04|EPI_ISL_442292|Original|hCoV-19/England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spice|hCoV-19/USA/NY-NYCPHL-001308/2020|2020-11-09|EPI_ISL_683861|Original|hCoV-19/New York|Human|DOHMH Jamaica|New York City Public Health Laboratory|Wang|USA

>Spice|hCoV-19/USA/AZ-TG491601/2020|2020-06-23|EPI_ISL_695187|Original|hCoV-19/Arizona|Human|AZ SPHL|TGen North|French|USA

>Spice|hCoV-19/Saudi Arabia/KAUST-Makkah198/2020|2020-04-06|EPI_ISL_437711|Original|hCoV-19/Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spice|hCoV-19/USA/TX-HMH-MCoV-8163/2020|2020-06-30|EPI_ISL_784240|Original|hCoV-19/Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spice|hCoV-19/Denmark/DGCC-14805/2020|2020-11-23|EPI_ISL_711996|Original|hCoV-19/Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spice|hCoV-19/England/OXON-AE07D/2020|2020-00-00|EPI_ISL_448659|Original|hCoV-19/England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spice|hCoV-19/USA/UT-UPHL-04297/2020|2020-05-14|EPI_ISL_575132|Original|hCoV-19/Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spice|hCoV-19/India/MH-NCCS-NR051/2020|2020-04-28|EPI_ISL_496557|Original|hCoV-19/Maharashtra|Human|National Centre For Cell Science|National Centre For Cell Science|Paul|India

>Spice|hCoV-19/Japan/PG-1790/2020|2020-05-00|EPI_ISL_685396|Original|hCoV-19/Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spice|hCoV-19/USA/WA-S1061/2020|2020-04-30|EPI_ISL_463551|Original|hCoV-19/Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spice|hCoV-19/Wales/PHWC-495EC6/2020|2020-11-21|EPI_ISL_726500|Original|hCoV-19/Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spice|hCoV-19/Wales/PHWC-16F165/2020|2020-09-28|EPI_ISL_585920|Original|hCoV-19/Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spice|hCoV-19/Italy/APU-IZSPB_309PT/2020|2020-10-24|EPI_ISL_653803|Original|hCoV-19/Apulia|Human|I.R.C.C.S. \S. De Bellis\ - Ente Ospedaliero|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spice|hCoV-19/England/MILK-AB7ED7/2020|2020-10-21|EPI_ISL_623727|Original|hCoV-19/England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spice|hCoV-19/Gibraltar/204462889/2020|2020-10-29|EPI_ISL_615054|Original|hCoV-19/Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spice|hCoV-19/USA/TX-HMH-MCoV-10654/2020|2020-07-08|EPI_ISL_789579|Original|hCoV-19/Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spice|hCoV-19/USA/CO-CDPHE-2100015805/2020|2020-11-20|EPI_ISL_771315|Original|hCoV-19/Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spice|hCoV-19/USA/CA-CZB-4077/2020|2020-08-06|EPI_ISL_548660|Original|hCoV-19/California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA
| Country | Region | Lab Name | Institute | Lab Type | Reference |
|---------|--------|----------|-----------|----------|-----------|
| Scotland | England | Lighthouse Lab | Wellcome Sanger Institute | COVID-19 Genomics UK (COG-UK) consortium | EPI_ISL_439298 |
| Malaysia | Human | VIDRL | Victorian Infectious Diseases Reference Laboratory | EPI_ISL_630163 |
| Washington | USA | TGen North | Institute for Medical Research | EPI_ISL_565495 |
| Victoria | Human | QEUH | Public Health Laboratory | EPI_ISL_746467 |
| Utica | Human | MDU | Microbiological Diagnostic Unit | EPI_ISL_507246 |
| Wales | Human | LI | Wellcome Sanger Institute | EPI_ISL_689999 |
| England | Human | DRC | Laboratory in Milton Keynes | EPI_ISL_564191 |
| England | Human | QEUH | Public Health Laboratory | EPI_ISL_695389 |
| Brazil | Human | UFW | Laboratory of Respiratory Viruses and Measles | EPI_ISL_549661 |
| England | Human | Lighthouse Lab | Wellcome Sanger Institute | EPI_ISL_720218 |
| Wales | Human | PWHC | Laboratory | EPI_ISL_725802 |
| Russia | St. Petersburg | RI | Centre Russian Federation | EPI_ISL_792466 |
| England | Human | QEUH | Laboratory of Respiratory Viruses | EPI_ISL_519676 |
| Wales | Human | PWHC | Laboratory | EPI_ISL_608197 |
| England | Human | Lighthouse Lab | Wellcome Sanger Institute | EPI_ISL_549661 |
| England | Human | ALDP | Laboratory | EPI_ISL_608197 |
| Denmark | Human | DCCG | Laboratory | EPI_ISL_748957 |
| Brazil | Human | Lighthouse Lab | Wellcome Sanger Institute | EPI_ISL_720218 |
| USA | Human | TGen North | Laboratory | EPI_ISL_720218 |
| Malaysia | Human | IMR | Laboratory | EPI_ISL_720218 |
| Malaysia | Human | LS | Laboratory | EPI_ISL_720218 |
| Scotland | Human | Lighthouse Lab | Wellcome Sanger Institute | EPI_ISL_720218 |
| Victoria | Human | VC | Laboratory | EPI_ISL_720218 |
| Arizona | Human | TGen North | Laboratory | EPI_ISL_720218 |
| USA | Human | UW Virology Lab | Laboratory | EPI_ISL_720218 |
| Malaysia | Human | IMR | Laboratory | EPI_ISL_720218 |
| Malaysia | Human | LS | Laboratory | EPI_ISL_720218 |
| England | Human | Lighthouse Lab | Wellcome Sanger Institute | EPI_ISL_720218 |
| Victoria | Human | VC | Laboratory | EPI_ISL_720218 |
| Arizona | Human | TGen North | Laboratory | EPI_ISL_720218 |
| USA | Human | UW Virology Lab | Laboratory | EPI_ISL_720218 |
| Malaysia | Human | IMR | Laboratory | EPI_ISL_720218 |
| Malaysia | Human | LS | Laboratory | EPI_ISL_720218 |
COVID-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

COVID-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Ballard|United States

COVID-19^^Sydney|Human|Sydney South West Pathology Service (SSWPS)|Australia

COVID-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

COVID-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

COVID-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

COVID-19^^England|Human|PHEMC-2BD17|Australia|Vanhaeften|Australia

COVID-19^^Sweden|Human|Ludvig Hult|Sweden

COVID-19^^Scotland|Human|Queen's University Belfast|Northern Ireland

COVID-19^^England|Human|Richmond Community Health and Wellbeing|United Kingdom

COVID-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

COVID-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

COVID-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

COVID-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

COVID-19^^Scotland|Human|Quadrax Institute Bioscience|COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/South Korea/KCDC2775/2020|2020-07-24|EPI_ISL_526709|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Australia/VIC10294/2020|2020-07-30|EPI_ISL_562857|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-488260/2020|2020-10-28|EPI_ISL_639371|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORT-2896B0/2020|2020-03-31|EPI_ISL_453505|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/20170032004/2020|2020-04-09|EPI_ISL_465276|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/NJ-NYUMC538/2020|2020-03-30|EPI_ISL_444655|Original|hCoV-19^^New Jersey|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Wales/PHWC-49B4A0/2020|2020-11-13|EPI_ISL_742342|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-7222/2020|2020-07-00|EPI_ISL_688326|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/India/GJ-GBRC106/2020|2020-05-05|EPI_ISL_451151|Original|hCoV-19^^Gujarat|Human|M.P Shah Government Medocol college Jamnagar|Gujarat Biotechnology Research Centre|Josh|India

>Spike|hCoV-19/Netherlands/NA_335/2020|2020-04-03|EPI_ISL_455140|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-B63598/2020|2020-11-09|EPI_ISL_656375|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-004917/2020|2020-03-13|EPI_ISL_481060|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1o|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-C48747/2020|2020-12-12|EPI_ISL_736520|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A68093/2020|2020-10-09|EPI_ISL_609047|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS2891686/2020|2020-11-22|EPI_ISL_740213|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Nienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Belgium/ULG-10119/2020|2020-04-07|EPI_ISL_427367|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/BRIS-12FC33/2020|2020-04-05|EPI_ISL_492624|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/TBSDL-2488A08/2020|2020-04-24|EPI_ISL_482130|Original|hCoV-19^^England|Human|The Department of Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A5674/2020|2020-03-20|EPI_ISL_500136|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/UT-01868/2020|2020-04-13|EPI_ISL_470692|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
Spike|hCoV-19|Denmark/DCGC-9788/2020|2020-11-09|EPI_ISL_669177|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

Spike|hCoV-19|England/ALDP-8E4B45/2020|2020-06-25|EPI_ISL_556626|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|India/MH-NIV-229720/2020|2020-09-29|EPI_ISL_577700|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

Spike|hCoV-19|South Africa/KRISP-K001354/2020|2020-07-01|EPI_ISL_515839|Original|hCoV-19^^KwaZulu-Natal|Human|Medical Diagnostics Services (MDS)|KRISP|de Oliveira|South Africa

Spike|hCoV-19|England/ALDP-9529ED/2020|2020-06-13|EPI_ISL_553984|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|USA/TX-HMH-MCoV-14988/2020|2020-10-16|EPI_ISL_786472|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19|England/20144012104/2020|2020-03-30|EPI_ISL_465978|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

Spike|hCoV-19|Scotland/EDB197/2020|2020-03-25|EPI_ISL_425938|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

Spike|hCoV-19|Australia/VIC10638/2020|2020-07-30|EPI_ISL_563005|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

Spike|hCoV-19|Portugal/PT1799/2020|2020-11-09|EPI_ISL_731937|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

Spike|hCoV-19|Australia/VIC494/2020|2020-03-23|EPI_ISL_426767|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

Spike|hCoV-19|USA/UT-QDX-1856/2020|2020-03-16|EPI_ISL_604171|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

Spike|hCoV-19|England/NORT-29E4FA/2020|2020-05-05|EPI_ISL_488147|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom

Spike|hCoV-19|Japan/PG-5705/2020|2020-08-00|EPI_ISL_688828|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

Spike|hCoV-19|Wales/PHWC-480514/2020|2020-10-09|EPI_ISL_612897|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19|Scotland/QUEH-BCCD4A/2020|2020-11-26|EPI_ISL_710811|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19|USA/WA-UK-9383/2020|2020-05-16|EPI_ISL_776739|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

Spike|hCoV-19|England/CAMC-B3382F/2020|2020-11-05|EPI_ISL_659312|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19|USA/MN-MDH-1116/2020|2020-05-04|EPI_ISL_470796|Original|hCoV-19^^Minnesota|Human|M Health Fairview|Minnesota Department of Health|Garfin|USA

Spike|hCoV-19|Wales/PHWC-4967AC/2020|2020-11-20|EPI_ISL_726635|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19|Denmark/ALAB-SSI480/2020|2020-03-25|EPI_ISL_429559|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

Spike|hCoV-19|USA/FL-BPHL-0181/2020|2020-04-04|EPI_ISL_480832|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/England/CAMC-9B21F2/2020|2020-09-05|EPI_ISL_566456|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiale|hCoV-19/Scotland/EDBB457/2020|2020-10-16|EPI_ISL_612366|Original|hCoV-19
^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
>Spiale|hCoV-19/USA/MN-QDX-2738/2020|2020-03-13|EPI_ISL_605036|Original|hCoV-19
^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spiale|hCoV-19/USA/UT-UPHL-2009309/2020|2020-05-16|EPI_ISL_524915|Original|hCoV-19
^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spiale|hCoV-19/USA/AZ-TG547243/2020|2020-07-03|EPI_ISL_695442|Original|hCoV-19
^Arizona|Human|AZ SPHL|TGen North|French|USA
>Spiale|hCoV-19/USA/TX-MHH-4362/2020|2020-06-17|EPI_ISL_543561|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spiale|hCoV-19/Denmark/DCGC-2845/2020|2020-08-24|EPI_ISL_616672|Original|hCoV-19
^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albersen lab|Michaelsen|Denmark
>Spiale|hCoV-19/England/QEUH-BA416A/2020|2020-11-18|EPI_ISL_721184|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spiale|hCoV-19/USA/UT-02855/2020|2020-04-29|EPI_ISL_513663|Original|hCoV-19
^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA
>Spiale|hCoV-19/England/QEUH-B10B89/2020|2020-11-02|EPI_ISL_642681|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spiale|hCoV-19/USA/CA-SR0248/2020|2020-03-21|EPI_ISL_437562|Original|hCoV-19
^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spiale|hCoV-19/USA/NM-NMDOH-2020230030/2020|2020-07-20|EPI_ISL_535301|Original|hCoV-19
^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA
>Spiale|hCoV-19/England/QEUH-B10B89/2020|2020-11-02|EPI_ISL_642681|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spiale|hCoV-19/Scotland/CVR5102/2020|2020-10-15|EPI_ISL_626845|Original|hCoV-19
^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spiale|hCoV-19/USA/TX-MHH-4362/2020|2020-06-17|EPI_ISL_543561|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spiale|hCoV-19/Switzerland/ETHZ-350103/2020|2020-11-02|EPI_ISL_693803|Original|hCoV-19
^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spiale|hCoV-19/USA/MA-MGH-03173/2020|2020-09-24|EPI_ISL_765730|Original|hCoV-19
^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA
>Spiale|hCoV-19/England/204781354/2020|2020-00-00|EPI_ISL_649116|Original|hCoV-19
^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spiale|hCoV-19/Brazil/SP-384/2020|2020-06-11|EPI_ISL_603025|Original|hCoV-19
^S\u00e3o Paulo|Human|UPA Central de Caraguatatuba|Instituto Adolfo Lutz|Sacchi|Brazil
>Spiale|hCoV-19/England/QEUH-9F7504/2020|2020-09-27|EPI_ISL_589084|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiale|hCoV-19/England/CAMC-B0B5ED/2020|2020-10-30|EPI_ISL_643560|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/QEUH-96F929/2020|2020-08-17|EPI_ISL_540256|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp...
>Spike|hCoV-19/Israel/CVL-n26150/2020|2020-07-20|EPI_ISL_514291|Original|hCoV-19^^Jerusalem District|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel
>Spike|hCoV-19/South Africa/KRISP-K002775/2020|2020-08-21|EPI_ISL_529770|Original|hCoV-19^^South Africa|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/CVR1942/2020|2020-04-04|EPI_ISL_438858|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMC-B09DE7/2020|2020-10-30|EPI_ISL_672953|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/BRIS-1240C9/2020|2020-04-07|EPI_ISL_492783|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/South Korea/KCDC2391/2020|2020-06-01|EPI_ISL_514794|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea
>Spike|hCoV-19/England/EUH-C5D4A2/2020|2020-12-14|EPI_ISL_736182|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MBL-AC7D7D/2020|2020-10-21|EPI_ISL_629327|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC4755/2020|2020-07-16|EPI_ISL_519143|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/LA-GBC1-26513051/2020|2020-04-21|EPI_ISL_485881|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA
>Spike|hCoV-19/Wuhan/0126-C5/2020|2020-01-26|EPI_ISL_493167|Original|hCoV-19^^HuBei|Human|National Virus Resource Center|Computational Virology Group|Liu|China
>Spike|hCoV-19/Belgium/UGL-10402/2020|2020-08-19|EPI_ISL_540569|Original|hCoV-19^^Li/Co/08/2009/England|Human|Department of Clinical Microbiology|GIGA Medical Genetics|Durkin|Belgium
>Spike|hCoV-19/Hong Kong/HKU-200723-026/2020|2020-07-10|EPI_ISL_497793|Original|hCoV-19^^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China
>Spike|hCoV-19/England/PEUH-9B8587/2020|2020-09-10|EPI_ISL_549617|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/OR-OSU-2249/2020|2020-08-07|EPI_ISL_667158|Original|hCoV-19^^Oregon|Human|OSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA
>Spike|hCoV-19/South Korea/KCDC2653/2020|2020-07-13|EPI_ISL_516783|Original|hCoV-19
>South Korea|Human|Center for Laboratory Control of Infectious Diseases|Center for Laboratory Control of Infectious Diseases|Kim|South Korea
>Spike|hCoV-19/Scotland/QEUH-9F4C99/2020|2020-09-27|EPI_ISL_600660|Original|hCoV-19
>Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/Wales/MILK-9F26E8/2020|2020-09-24|EPI_ISL_589174|Original|hCoV-19
>Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/England/QEUH-B68539/2020|2020-11-11|EPI_ISL_655199|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/England/NOTT-121869/2020|2020-12-23|EPI_ISL_764521|Original|hCoV-19
>England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spikes|hCoV-19/USA/FL-BPHL-1223/2020|2020-07-27|EPI_ISL_541196|Original|hCoV-19
>Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spikes|hCoV-19/England/QEUH-BF19EE/2020|2020-12-05|EPI_ISL_709171|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/USA/AZ-TG273300/2020|2020-03-31|EPI_ISL_426562|Original|hCoV-19
>Az|Human|AZ SPHL|TGen North|Lemmer|USA
>Spikes|hCoV-19/Scotland/QEUH-A4B5E2/2020|2020-10-08|EPI_ISL_637845|Original|hCoV-19
>Scotland|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spikes|hCoV-19/England/MILK-C8EF98/2020|2020-12-08|EPI_ISL_777085|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/England/GSTT-265DCB9/2020|2020-03-20|EPI_ISL_484091|Original|hCoV-19
>England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) consortium|Awan|United Kingdom
>Spikes|hCoV-19/England/MILK-A7A31D/2020|2020-10-15|EPI_ISL_606892|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/England/BRIS-1289E8/2020|2020-04-14|EPI_ISL_458879|Original|hCoV-19
>England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/USA/TX-HMH-MCoV-9000/2020|2020-07-02|EPI_ISL_780885|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spikes|hCoV-19/USA/AZ-TG654373/2020|2020-04-13|EPI_ISL_696009|Original|hCoV-19
>Az|Human|Sonora Quest Laboratories|TGen North|French|USA
>Spikes|hCoV-19/Scotland/EDB9053/2020|2020-11-01|EPI_ISL_705798|Original|hCoV-19
>Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
>Spikes|hCoV-19/England/ALDP-B5C389/2020|2020-11-10|EPI_ISL_655743|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/England/LIVE-9D91C/2020|2020-04-28|EPI_ISL_449604|Original|hCoV-19
>England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spikes|hCoV-19/England/20139062304/2020|2020-03-27|EPI_ISL_420740|Original|hCoV-19
>England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
> Spike|hCoV-19|USA|TX-DHS-0305|2020|2020-06-13|EPI_ISL_534272|Original|hCoV-19|Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
> Spike|hCoV-19|England|ALDP-AA2AF9|2020|2020-10-22|EPI_ISL_623927|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Jordan|AM-ALSR-3905|2020|2020-09-30|EPI ISL 636271|Original|hCoV-19|Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan
> Spike|hCoV-19|England|NORT-284B2F|2020|2020-03-26|EPI_ISL_488525|Original|hCoV-19|England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England|LIVE-9F7B6|2020|2020-04-22|EPI_ISL_472016|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
> Spike|hCoV-19|Cote d'Ivoire|BKE0117|2020|2020-06-10|EPI_ISL_614354|Original|hCoV-19|Boauk|u00e9|Human|Molecular diagnostic unit for viral haemorrhagic fevers and emerging viruses|Project group Epidemiology of Highly Pathogenic Microorganisms|Calvignac-Spencer|C|u00f4te d'Ivoire
> Spike|hCoV-19|USA|AZ-TG654307|2020|2020-04-12|EPI_ISL_695962|Original|hCoV-19|Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA
> Spike|hCoV-19|England|ALDP-BBB142|2020|2020-11-21|EPI_ISL_701968|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Japan|PG-3988|2020|2020-07-00|EPI ISL 692229|Original|hCoV-19|Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan
> Spike|hCoV-19|USA|WI-GMF-20119|2020|2020-09-14|EPI_ISL_547850|Original|hCoV-19|Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA
> Spike|hCoV-19|South Africa|KRISP-K002326|2020|2020-07-22|EPI_ISL_515702|Original|hCoV-19|KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
> Spike|hCoV-19|Russia|OMS-ORINFI-3873S|2020|2020-07-08|EPI ISL 569815|Original|hCoV-19|Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre|Russian Federation|Komissarov|Russia
> Spike|hCoV-19|Belgium|DV-0327535|2020|2020-03-27|EPI_ISL_462207|Original|hCoV-19|Antheit|Human|KU Leuven|KU Leuven|Maastricht|Belgium
> Spike|hCoV-19|USA|CT-Yale-075|2020|2020-04-02|EPI_ISL_428389|Original|hCoV-19|Connecticut|Human|Yale COVID-19 Biorepository|Grubauer Lab - Yale School of Public Health|Grubauer|USA
> Spike|hCoV-19|USA|WI-GMF-30278|2020|2020-10-30|EPI_ISL_661032|Original|hCoV-19|Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA
> Spike|hCoV-19|Wales|PHWC-4921C0|2020|2020-11-17|EPI ISL 706829|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19|Japan|PG-1283|2020|2020-03-00|EPI ISL 684892|Original|hCoV-19|Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
> Spike|hCoV-19|USA|NY-QDX-2481|2020|2020-03-16|EPI ISL 604812|Original|hCoV-19|New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
> Spike|hCoV-19|England|MILK-A7C14E|2020|2020-10-15|EPI ISL 607348|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|USA|MI-UM-10036691355|2020|2020-10-29|EPI ISL 682085|Original|hCoV-19|Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>Spike|hCoV-19/USA/WA-UW-12634/2020|2020-06-28|EPI_ISL_570881|Original|hCoV-19|Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/England/QEUH-A33723/2020|2020-10-04|EPI_ISL_626922|Original|hCoV-19|England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/England/QEUH-53C69B/2020|2020-05-18|EPI_ISL_532274|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-9CF2F2C/2020|2020-09-14|EPI_ISL_567088|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/LIVE-A97AA/2020|2020-06-01|EPI_ISL_526394|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/Australia/VIC1396/2020|2020-04-15|EPI_ISL_456430|Original|hCoV-19|Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDLR)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spike|hCoV-19/England/QEUH-98FC1B/2020|2020-08-26|EPI_ISL_540053|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Saudi Arabia/627/2020|2020-02-23|EPI_ISL_490008|Original|hCoV-19|Saudi Arabia|Human|King Fahad Medical City|King Fahad Medical City|Naeem|Saudi Arabia
>Spike|hCoV-19/Japan/PG-1278/2020|2020-03-00|EPI_ISL_684887|Original|hCoV-19|Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/ALDP-A2E794/2020|2020-10-05|EPI_ISL_587232|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/PG-2476/2020|2020-05-00|EPI_ISL_686081|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/QEUH-BC4A78/2020|2020-11-25|EPI_ISL_704087|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-1278/2020|2020-04-08|EPI_ISL_444128|Original|hCoV-19|England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spike|hCoV-19/Wales/PHWC-1641E8/2020|2020-05-06|EPI_ISL_474143|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Scotland/QEUH-BCC409/2020|2020-11-27|EPI_ISL_710782|Original|hCoV-19|Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/QEUH-10ED0A/2020|2020-03-28|EPI_ISL_432914|Original|hCoV-19|England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19/Australia/NSW307/2020|2020-04-02|EPI_ISL_451571|Original|hCoV-19|New South Wales|Human|Pathology West – NSW Health Pathology|NSW Health Pathology – Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spike|hCoV-19/USA/LA-EVTL1309/2020|2020-12-11|EPI_ISL_778975|Original|hCoV-19|Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spike|hCoV-19/Germany/NW-HHU-87/2020|2020-08-17|EPI_ISL_539603|Original|hCoV-19|North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum GbR \u00dcBAG f\u00e4r Labormedizin; Center of Medical Microbiology|Wienemann|Germany
>Spike|hCoV-19/Denmark/DCGC-3447/2020|2020-08-31|EPI_ISL_616210|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelensen|Denmark
> Spike|hCoV-19/United Arab Emirates/0817/2020|2020-05-19|EPI_ISL_698956|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 HealthCare|Ogrodzki|United Arab Emirates
> Spike|hCoV-19/Malaysia/UNIMAS-C012N/2020|2020-05-19|EPI_ISL_718156|Original|hCoV-19^^Sarawak|Human|Ministry of Health Hospitals|Institute of Health and Community Medicine|Jonathan|Malaysia
> Spike|hCoV-19/England/QEUH-B0FCA8/2020|2020-11-02|EPI_ISL_642043|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/ALDP-9CAAA1/2020|2020-09-16|EPI_ISL_575583|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/ALDP-9E70BB/2020|2020-09-24|EPI_ISL_580585|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/ALDP-98H7B7/2020|2020-09-04|EPI_ISL_590474|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/SHEF-10CC79/2020|2020-12-07|EPI_ISL_741993|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
> Spike|hCoV-19/USA/WI-UW-977/2020|2020-07-20|EPI_ISL_509974|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
> Spike|hCoV-19/England/ALDP-A6EF45/2020|2020-10-15|EPI_ISL_607944|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Germany/NW-HHU-94/2020|2020-08-18|EPI_ISL_539610|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KILIMAS MVZ D\00fcsseldorf-Centrum Gbr \u00dC|Labormedizin Center of Medical Microbiology|Wienemann|Germany
> Spike|hCoV-19/USA/TX-HMH-3690/2020|2020-06-15|EPI_ISL_543110|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19/Wales/PHWC-16426D/2020|2020-04-22|EPI_ISL_474150|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/England/CAMC-B351A/2020|2020-11-05|EPI_ISL_659578|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/MD-MDH-0394/2020|2020-11-02|EPI_ISL_660088|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA
> Spike|hCoV-19/England/ALDP-C04B96/2020|2020-12-04|EPI_ISL_720848|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Denmark/DCGC-8875/2020|2020-10-26|EPI_ISL_626135|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
| Date       | Accession | Location                          | Organism | Taxon | Repository | Country | Host | Source                           |
|------------|-----------|-----------------------------------|----------|-------|------------|---------|------|-----------------------------------|
| 2020-07-06 | EPI_ISL_500893 | Switzerland/VD-ETHZ-190030       | hCoV-19  | Human | Albertsen | Switzerland | Human | Viollier AG, Department of Biosystems Science and Engineering, Nadeau | Switzerland |
| 2020-07-06 | EPI_ISL_789202 | Hong Kong/VM00010017            | hCoV-19  | Human | Pamela Youde Nethersole Eastern Hospital | Hong Kong | Human | Mak, China                        |
| 2020-07-07 | EPI_ISL_444042 | Texas/Houston Methodist Hospital | hCoV-19  | Human | Houston Methodist Hospital | Texas | Human | Bhatt, USA                         |
| 2020-03-23 | EPI_ISL_426691 | Australia/VIC384/2020            | hCoV-19  | Human | Madera County Department of Public Health | Wisconsin | Human | Wisconsin State Laboratory of Hygiene Communicable Disease Division | Wisconsin |
| 2020-03-14 | EPI_ISL_419799 | Australia/VIC83/2020            | hCoV-19  | Human | Geographic Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory | Australia | Human | Schultz, Australia                |
| 2020-05-04 | EPI_ISL_457626 | England/SHEF-C4F74/2020         | hCoV-19  | Human | WSU - Emerging Viral Threat Laboratory | England | Human | Davies, United Kingdom            |
| 2020-04-28 | EPI_ISL_487737 | Scotland/EDB5836/2020            | hCoV-19  | Human | Virology Department | Scotland | Human | de Silva, United Kingdom         |
| 2020-05-01 | EPI_ISL_542763 | USA/TX-HH-1509/2020             | hCoV-19  | Human | Vaccine Development | Texas | Human |Houston Methodist Hospital | United Kingdom |
| 2020-03-15 | EPI_ISL_604731 | USA/UT-QDX-2423/2020            | hCoV-19  | Human | Lighthouse Lab in Alderdy Park | Utah | Human |Davies, United Kingdom            |
| 2020-04-07 | EPI_ISL_495599 | USA/Min-MDH-1300/2020           | hCoV-19  | Human | Mayo Clinic & Mayo Clinic Laboratories | Minnesota | Human |Kagan, USA                         |
| 2020-07-01 | EPI_ISL_557930 | England/ALDP-6B52B/2020         | hCoV-19  | Human | Virology Department | England | Human | Davies, United Kingdom            |
| 2020-04-20 | EPI_ISL_640265 | Germany/W-MVZ-LS-48/2020        | hCoV-19  | Human | GeoC | Germany |Human |MVZ Labor | Schmidt, Germany                  |
| 2020-10-28 | EPI_ISL_672507 | USA/CA-CZB-13524/2020           | hCoV-19  | Human | Virology Department | California | Human |Chan-Zuckerberg Biohub | USA       |
| 2020-03-29 | EPI_ISL_462473 | Switzerland/VD-ETHZ-190030      | hCoV-19  | Human | Clinical Center | Switzerland | Human | Roloff Handschin, Switzerland    |
| 2020-04-21 | EPI_ISL_578526 | USA/WI-WSLH-200356/2020         | hCoV-19  | Human | Virology Department | Wisconsin | Human | Wisconsin State Laboratory of Hygiene Communicable Disease Division | Wisconsin |
| 2020-10-28 | EPI_ISL_672507 | USA/CA-CZB-13524/2020           | hCoV-19  | Human | Virology Department | California | Human | Chan-Zuckerberg Biohub | USA       |
>Spike|hCoV-19/Japan/PG-1549/2020|2020-04-00|EPI_ISL_685155|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spicke|hCoV-19/USA/MI-CDC-2-3693663/2020|2020-11-07|EPI_ISL_747113|Original|hCoV-19^^Michigan|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA
>Spicke|hCoV-19/England/CAMC-9DF8EB/2020|2020-09-20|EPI_ISL_638434|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Martello|United Kingdom
>Spicke|hCoV-19/USA/WA-UW176/2020|2020-03-14|EPI_ISL_416714|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spicke|hCoV-19/South Korea/KCDC2389/2020|2020-05-31|EPI_ISL_514792|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea
>Spicke|hCoV-19/Wales/PHWC-494164/2020|2020-11-16|EPI_ISL_726075|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spicke|hCoV-19/Switzerland/VD-ETHZ-270168/2020|2020-08-28|EPI_ISL_541495|Original|hCoV-19^^Switzerland|Human|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spicke|hCoV-19/England/MILK-B93966/2020|2020-11-13|EPI_ISL_676155|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spicke|hCoV-19/England/CAMC-B20CDE/2020|2020-11-02|EPI_ISL_647487|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spicke|hCoV-19/USA/MI-MDHHS-SC21273/2020|2020-04-03|EPI_ISL_507528|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spicke|hCoV-19/South Korea/KCDC2342/2020|2020-05-27|EPI_ISL_510678|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea
>Spicke|hCoV-19/USA/TX-HMH-4385/2020|2020-06-17|EPI_ISL_543579|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spicke|hCoV-19/Hong Kong/VM2012355/2020|2020-09-18|EPI_ISL_760033|Original|hCoV-19^^Hong Kong|Human|Hong Kong Department of Health|School of Public Health|Chu|China
>Spicke|hCoV-19/England/CAMC-9DFFE6/2020|2020-09-21|EPI_ISL_576950|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spicke|hCoV-19/Switzerland/VS-ETHZ-410006/2020|2020-12-17|EPI_ISL_737626|Original|hCoV-19^^Switzerland|Human|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spicke|hCoV-19/England/QUEUH-BCD3DE/2020|2020-11-26|EPI_ISL_704218|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spicke|hCoV-19/Portugal/PT0762/2020|2020-03-24|EPI_ISL_511021|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INS) |Instituto Nacional de Saude (INS) |Borges|Portugal
>Spicke|hCoV-19/Denmark/DCGC-15180/2020|2020-11-23|EPI_ISL_713148|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spicke|hCoV-19/USA/TX-HMH-MCoV-11126/2020|2020-09-06|EPI_ISL_789712|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spicke|hCoV-19/South Korea/KDCA0067/2020|2020-09-23|EPI_ISL_747308|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea
>Spicke|hCoV-19/Netherlands/NA_160/2020|2020-03-21|EPI_ISL_422695|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands
>Spicke|hCoV-19/England/ALDP-95C42E/2020|2020-06-20|EPI_ISL_554926|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Universidade de S\u00e3o Paulo|Faria|Brazil
> Spike|hCoV-19/USA/MA-MGH-00271/2020|2020-04-01|EPI_ISL_460464|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA
> Spike|hCoV-19/England/QEUH-BC41A0/2020|2020-11-23|EPI_ISL_703501|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/England/QEUH-CAD045/2020|2020-12-20|EPI_ISL_760964|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/England/ALDP|2020-04-06|EPI_ISL_424383|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/MILK|2020-09-19|EPI_ISL_601587|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Germany/HH-hpi-p1648|2020-03-17|EPI_ISL_776082|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany
> Spike|hCoV-19/Luxembourg/LNS7600165/2020|2020-12-27|EPI_ISL_771090|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
> Spike|hCoV-19/Italy/APU-IZSPB_275P|2020-11-02|EPI_ISL_653769|Original|hCoV-19^^Apulia|Human|I.R.C.C.S. \S. De Bellis\ - Ente Ospedaliero|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Kirkegaard|Denmark
> Spike|hCoV-19/Wales/QEUH-AD3E20|2020-10-26|EPI_ISL_629983|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Iceland/359|2020-03-19|EPI_ISL_424383|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland
> Spike|hCoV-19/USA/AZ-TG366761/2020|2020-06-04|EPI_ISL_694508|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA
> Spike|hCoV-19/England/200960041/2020|2020-02-27|EPI_ISL_414008|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
> Spike|hCoV-19/Denmark/DCGC-20241|2020-11-30|EPI_ISL_748065|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaellsen|Denmark
> Spike|hCoV-19/Denmark/ALAB-SS1-1387|2020-04-03|EPI_ISL_444853|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Kirkegaard|Denmark
> Spike|hCoV-19/South Africa/KRISP-0124|2020-05-13|EPI_ISL_467476|Original|hCoV-19^^KwaZulu-Natal|Human|Molecular Diagnostics Services (MDS)|KRISP|de Oliveirea|South Africa
> Spike|hCoV-19/England/MILK-ACFC5A|2020-10-22|EPI_ISL_652130|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
> Spike|hCoV-19/England/ALDP-95D1EA|2020-06-18|EPI_ISL_553383|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/MILK-CA639E|2020-12-18|EPI_ISL_761464|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/Australia/SAP410|2020-03-15|EPI_ISL_492175|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia
> Spike|hCoV-19/England/CAMC-B3820E|2020-11-05|EPI_ISL_658914|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/India/KA-InStem-NCBS-0095/2020|2020-00-00|EPI_ISL_486670|Original|hCoV-19^\-
Karnataka|Human|Institute for Stem Cell Science and Regenerative Medicine|National Centre for Biological Sciences|Ali|India

>Spike|hCoV-19/Wales/PHWC-4A5142/2020|2020-12-15|EPI_ISL_764826|Original|hCoV-19^\-
Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-960463/2020|2020-08-07|EPI_ISL_532105|Original|hCoV-19^\-
Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-49A3FF/2020|2020-06-13|EPI_ISL_559415|Original|hCoV-19^\-
England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/Brazil/SP-L35-CD893/2020|2020-04-25|EPI_ISL_722050|Original|hCoV-19^^S\'u00e3o Paulo|Human|Hospital das Cl\'u00ednicas Universidade de S\'u00e3o Paulo Medical School|Laborat\'u00f3rio de Parasitologia M\'u00e9dico - Instituto de Medicina Tropical - Universidade de S\'u00e3o Paulo|de Jesus|Brazil
>Spie|hCoV-19/Luxembourg/LNS8164067/2020|2020-11-19|EPI_ISL_744692|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\'\u00e9|Laboratoire national de sant\'\u00e9|Wienecke-Baldacchino|Luxembourg
>Spie|hCoV-19/Spain/CT-IBV-97010158/2020|2020-11-05|EPI_ISL_683599|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiologia\'u00eda|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
>Spie|hCoV-19/England/MILK-BB1892/2020|2020-11-17|EPI_ISL_720047|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spie|hCoV-19/England/ALDP-94DBC1/2020|2020-06-17|EPI_ISL_555541|Original|hCoV-19^^England|Human|Lighthouse Park in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spie|hCoV-19/Denmark/DGCC-5023/2020|2020-09-14|EPI_ISL_621774|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spie|hCoV-19/USA/NY-NYCPHL-001406/2020|2020-11-18|EPI_ISL_683782|Original|hCoV-19^^New York|Human|DOHMH Jamaica|New York City Public Health Laboratory|Wang|USA
>Spie|hCoV-19/Australia/VIC2272/2020|2020-06-27|EPI_ISL_521994|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spie|hCoV-19/England/QEUH-BAOFEC/2020|2020-11-18|EPI_ISL_719657|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spie|hCoV-19/England/20099071804/2020|2020-02-28|EPI_ISL_464219|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spie|hCoV-19/USA/TX-HMH-MCoV-11182/2020|2020-09-02|EPI_ISL_789726|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spie|hCoV-19/England/MILK-B968EE/2020|2020-11-14|EPI_ISL_676281|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spie|hCoV-19/England/ALDP-AAA83D/2020|2020-10-21|EPI_ISL_625180|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spie|hCoV-19/Canada/ON-PHL-20-02414/2020|2020-09-00|EPI_ISL_671525|Original|hCoV-19^^Ontario|Human|Public Health Ontario LaboratoryPublic Health Ontario Laboratory|Guthrie|Canada
>Spie|hCoV-19/France/PAC-IHU-0452/2020|2020-04-03|EPI_ISL_569519|Original|hCoV-19^^Provence-Alpes-C\'u00f4te-d\'u00e9u2019Azur|Human|MEPHI|MEPHI|Levasseur|France
>Spie|hCoV-19/South Africa/KRISP-K000569/2020|2020-07-11|EPI_ISL_509226|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
>Spie|hCoV-19/England/ALDP-A68989/2020|2020-10-12|EPI_ISL_630684|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spie|hCoV-19/USA/MO-QDX-678/2020|2020-03-18|EPI_ISL_571477|Original|hCoV-19^^Missouri|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spie|hCoV-19/England/CAMC-9418E/2020|2020-07-23|EPI_ISL_556843|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spie|hCoV-19/England/QEUH-9DA570/2020|2020-09-21|EPI_ISL_601356|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spie|hCoV-19/Spain/AR-IBV-2455/2020|2020-03-23|EPI_ISL_468792|Original|hCoV-19^^Aragon|Human|Servicio de Microbiologia\'u00eda|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/LA-EVTL1420/2020|2020-12-14|EPI_ISL_779086|Original|hCoV-19^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spike|hCoV-19/Japan/PG-2186/2020|2020-04-00|EPI_ISL_685791|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
>Spike|hCoV-19/Australia/VIC6398/2020|2020-07-24|EPI_ISL_521190|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/AZ-TG569488/2020|2020-07-10|EPI_ISL_695580|Original|hCoV-19^Arizona|Human|AZ SPHL|TGen North|French|USA
>Spike|hCoV-19/Luxembourg/LNS8137479/2020|2020-10-25|EPI_ISL_744687|Original|hCoV-19^Luxembourg|Human|Laboratoire national de santé|Laboratoire national de santé|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/Denmark/DCGC-20869/2020|2020-12-21|EPI_ISL_759419|Original|hCoV-19^Hovedstad|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/ALDP-A854A3/2020|2020-10-18|EPI_ISL_610348|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-B84063/2020|2020-11-14|EPI_ISL_674466|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Cote d'Ivoire/BKE0178/2020|2020-06-12|EPI_ISL_614359|Original|hCoV-19^Boauk|u00e9|Human|Molecular diagnostic unit for viral haemorrhagic fevers and emerging viruses|Project group Epidemiology of Highly Pathogenic Microorganisms|Calvignac-Spencer|C|u00f4te d'Ivoire
>Spike|hCoV-19/Denmark/DCGC-2532/2020|2020-08-17|EPI_ISL_617803|Original|hCoV-19^Hovedstad|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH45/2020|2020-05-24|EPI_ISL_513017|Original|hCoV-19^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia
>Spike|hCoV-19/USA/OR-OHSU-0301/2020|2020-05-10|EPI_ISL_509095|Original|hCoV-19^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA
>Spike|hCoV-19/England/MILK-61DA0C/2020|2020-07-06|EPI_ISL_557911|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/SHEF-C6AEA/2020|2020-09-17|EPI_ISL_585026|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) consortium|de Silva|United Kingdom
>Spike|hCoV-19/USA/CA-QDX-1962/2020|2020-03-16|EPI_ISL_604215|Original|hCoV-19^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/Australia/VIC15962/2020|2020-08-01|EPI_ISL_641118|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/AZ-TG668372/2020|2020-05-12|EPI_ISL_696288|Original|hCoV-19^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA
(VIDRL) Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory | Schultz | Australia

> Spike | hCoV-19 | Wales | PHWC-49ECA5 | 2020-12-08 | EPI_ISL_743109 | Original | hCoV-19 | Wales | Human | Wales Specialist Virology Centre Sequencing lab | COVID-19 Genomics UK (COG-UK) Consortium | Moore | United Kingdom

> Spike | hCoV-19 | USA | DE-DHSS-F918416 | 2020-03-31 | EPI_ISL_593957 | Original | hCoV-19 | Delaware | Human | Delaware Public Health Lab | COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> Spike | hCoV-19 | Scotland | NORT-29C8F0 | 2020-04-30 | EPI_ISL_484287 | Original | hCoV-19 | England | Human | Northumbria University | Wellcome Sanger Institute | Moore | United Kingdom

> Spike | hCoV-19 | Scotland | CVR4955 | 2020-10-05 | EPI_ISL_594719 | Original | hCoV-19 | Scotland | Human | West of Scotland Specialist Virology Centre | Wellcome Sanger Institute | Moore | United Kingdom

> Spike | hCoV-19 | USA | WA-S989 | 2020-04-28 | EPI_ISL_463479 | Original | hCoV-19 | USA | Human | Washington State Department of Health | Seattle Flu Study | Bedfor | USA

> Spike | hCoV-19 | Finland | 17MR11cF6 | 2020-11-17 | EPI_ISL_757309 | Original | hCoV-19 | US | Human | Department of Virology and Immunology | Wellcome Sanger Institute | Smura | Finland

> Spike | hCoV-19 | England | QEUH-9C9398 | 2020-09-10 | EPI_ISL_567502 | Original | hCoV-19 | England | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute | Davies | United Kingdom

> Spike | hCoV-19 | Denmark | DGC4-4864 | 2020-09-21 | EPI_ISL_621550 | Original | hCoV-19 | Denmark | Human | Department of Virus and Microbiological Special Diagnostics | Albertsen Lab | Michaelsen | Denmark

> Spike | hCoV-19 | USA | WA-S989 | 2020-04-28 | EPI_ISL_463479 | Original | hCoV-19 | USA | Human | West of Scotland Specialist Virology Centre | Wellcome Sanger Institute | Moore | United Kingdom

> Spike | hCoV-19 | Wales | PHWC-4A30A1 | 2020-12-14 | EPI_ISL_744048 | Original | hCoV-19 | Wales | Human | Wales Specialist Virology Centre Sequencing lab | COVID-19 Genomics UK (COG-UK) Consortium | Moore | United Kingdom

> Spike | hCoV-19 | Portugal | PT0040 | 2020-03-17 | EPI_ISL_418025 | Original | hCoV-19 | Portugal | Human | H Santarem | Instituto Nacional de Saude (INSA) | Borges | Portugal

> Spike | hCoV-19 | Wales | PHWC-480408 | 2020-10-17 | EPI_ISL_612884 | Original | hCoV-19 | Wales | Human | Wales Specialist Virology Centre Sequencing lab | COVID-19 Genomics UK (COG-UK) Consortium | Moore | United Kingdom

> Spike | hCoV-19 | USA | MI-MDHS-SC21754 | 2020-07-30 | EPI_ISL_529872 | Original | hCoV-19 | Michigan | Human | Michigan Department of Health and Human Services | Michigan Department of Health and Human Services | Blankenship | USA

> Spike | hCoV-19 | Wales | PHWC-2664E | 2020-03-27 | EPI_ISL_422260 | Original | hCoV-19 | Wales | Human | Wales Specialist Virology Centre | Public Health Wales Microbiology Cardiff | Moore | United Kingdom

> Spike | hCoV-19 | Scotland | QEUH-B679C5 | 2020-11-11 | EPI_ISL_676345 | Original | hCoV-19 | Scotland | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom

> Spike | hCoV-19 | Russia | TAM-RII-MH33835 | 2020-10-07 | EPI_ISL_733122 | Original | hCoV-19 | Tambov | Human | HELIX LLC | WHO National Influenza Centre | Komissarov | Russia
>Spike|hCoV-19|Denmark/DCGC-16729/2020|2020-10-19|EPI_ISL_714441|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Micaelsen|Denmark
>Sh|hCoV-19|USA/WA-S1222/2020|2020-05-08|EPI_ISL_495672|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Sh|hCoV-19|New Zealand/20VR3045/2020|2020-04-25|EPI_ISL_456402|Original|hCoV-19^^Combined Wellington|Human|Wellington SCL|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand
>Sh|hCoV-19|England/CAMC-B7B120/2020|2020-11-12|EPI_ISL_723984|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Sh|hCoV-19|Canada/MB-NML-1104/2020|2020-08-05|EPI_ISL_582448|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada
>Sh|hCoV-19|USA/TX-HMH-MCOV-12853/2020|2020-08-19|EPI_ISL_788006|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Sh|hCoV-19|England/CAMC-B5421B/2020|2020-11-08|EPI_ISL_656868|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Sh|hCoV-19|England/20189080701/2020|2020-05-01|EPI_ISL_465539|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Sh|hCoV-19|England/QUEUH-B12AC6/2020|2020-11-02|EPI_ISL_642687|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Sh|hCoV-19|England/QUEUH-BCE364/2020|2020-11-26|EPI_ISL_704650|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Sh|hCoV-19|Switzerland/SH-ETHZ-200050/2020|2020-07-11|EPI_ISL_510735|Original|hCoV-19^^Schaffhausen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Sh|hCoV-19|Romania/KOSV_5812/2020|2020-05-01|EPI_ISL_491086|Original|hCoV-19^^Suceava|Human|Suceava County Emergency Hospital|\ Stefan cel Mare\ University Metagenomics Lab|Lobiuc|Romania
>Sh|hCoV-19|Australia/VIC6214/2020|2020-07-15|EPI_ISL_518212|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Sh|hCoV-19|England/BRIS-1854776/2020|2020-04-27|EPI_ISL_495097|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sh|hCoV-19|Japan/PG-2877/2020|2020-04-00|EPI_ISL_691003|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Sh|hCoV-19|USA/WA-S1801/2020|2020-06-02|EPI_ISL_496227|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Sh|hCoV-19|Australia/VIC1649/2020|2020-05-14|EPI_ISL_456551|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Sh|hCoV-19|Australia/VIC5505/2020|2020-07-21|EPI_ISL_518341|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Sh|hCoV-19|Japan/PG-3027/2020|2020-04-00|EPI_ISL_691150|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Sh|hCoV-19|Canada/NB-235/2020|2020-03-31|EPI_ISL_479648|Original|hCoV-19^^New Brunswick|Human|Dr. Georges-L.-Dumont University Hospital Centre|National Microbiology Laboratory|Majer|Canada
>Sh|hCoV-19|USA/MN-MDH-1887/2020|2020-10-23|EPI_ISL_613539|Original|hCoV-19^^Minnesota|Human|Public Health Laboratory - Infectious Disease Lab|Minnesota Department of Health|Lorentz|USA
>Spike|hCoV-19|Finland|13M27/2020|2020-03-13|EPI_ISL_418387|Original|hCoV-19
^Finland|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland
>Spike|hCoV-19|Australia|VIC7434/2020|2020-08-06|EPI_ISL_564410|Original|hCoV-19
^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19|England|MLIK-A7AE67/2020|2020-10-16|EPI_ISL_606629|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Australia|WA58/2020|2020-04-26|EPI_ISL_470875|Original|hCoV-19
^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA|Skazwe|Australia
>Spike|hCoV-19|England|ALDP-B83BE8/2020|2020-11-14|EPI_ISL_675257|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Spain|AS-IBV-98006650/2020|2020-04-19|EPI_ISL_654674|Original|hCoV-19
^Asturias|Human|Servicio de Microbiologia SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain
>Spike|hCoV-19|France|OCC-133/2020|2020-11-02|EPI_ISL_751453|Original|hCoV-19
^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut Pasteur|CHU Purpan - Laboratoire de Virologie - Institut Pasteur|Lатур|France
>Spike|hCoV-19|Switzerland|ZH-ETHZ-270146/2020|2020-08-28|EPI_ISL_541527|Original|hCoV-19
^Zurich|Human|Vióllier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19|England|MLIK-B05932/2020|2020-10-24|EPI_ISL_651584|Original|hCoV-19
^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19|USA|MI-MDHS-SC21170/2020|2020-06-11|EPI_ISL_507427|Original|hCoV-19
^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19|USA|CA-CHLA-PLM03408589/2020|2020-11-30|EPI_ISL_753502|Original|hCoV-19
^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA
>Spike|hCoV-19|England|MLIK-ACC9B0/2020|2020-10-21|EPI_ISL_629368|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England|MLIK-9F0AA2/2020|2020-09-24|EPI_ISL_589578|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|South Africa|KRISP-K002872/2020|2020-09-05|EPI_ISL_602685|Original|hCoV-19
^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
>Spike|hCoV-19|England|CAMC-BOC93B/2020|2020-10-30|EPI_ISL_643599|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England|ALDP-9E7200/2020|2020-09-24|EPI_ISL_580606|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|New Zealand|20CV0471/2020|2020-10-22|EPI_ISL_622810|Original|hCoV-19
^South Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
>Spike|hCoV-19|England|MLIK-BB210F/2020|2020-11-18|EPI_ISL_720479|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|USA|TX-HMH-2965/2020|2020-06-08|EPI_ISL_543899|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|Denmark|DCGC-3473/2020|2020-08-31|EPI_ISL_616260|Original|hCoV-19
^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
Sweden|Svartstr
19^^Sweden|Human|The Public Health Agency of Sweden|The Public Health Agency of Sweden|\text{Laboratories}|
Baczenas|USA
Laboratories|University of Wisconsin
19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

Spit|\text{CoV-19}|\text{USA}|WA-UW62|2020|2020-03-09|EPI\text{\_ISL}\_415627|Original|hCoV-19
^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

Spit|\text{CoV-19}|\text{USA}|WI-UW-1883|2020|2020-09-14|EPI\text{\_ISL}\_605753|Original|hCoV-19
^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

Spit|\text{CoV-19}|\text{USA}|AZ-TG572636|2020|2020-08-04|EPI\text{\_ISL}\_695622|Original|hCoV-19
^^Arizona|Human|TGen North|TGen North|French|USA

Spit|\text{CoV-19}|\text{USA}|MN-MDH-1070|2020|2020-06-03|EPI\text{\_ISL}\_470750|Original|hCoV-19
^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

Spit|\text{CoV-19}|\text{USA}|WI-UW-2170|2020|2020-10-15|EPI\text{\_ISL}\_677574|Original|hCoV-19
^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

Spit|\text{CoV-19}|\text{Sweden}|20-53168|2020|2020-10-19|EPI\text{\_ISL}\_648179|Original|hCoV-19
^^Sweden|Human|The Public Health Agency of Sweden|The Public Health Agency of Sweden|\text{Svartstr}|\text{\textbackslash u00f6m}|Sweden

Spit|\text{CoV-19}|\text{England}|ALDP-94F2E8|2020|2020-06-19|EPI\text{\_ISL}\_556005|Original|hCoV-19
^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spit|\text{CoV-19}|\text{England}|20189155001|2020|2020-05-02|EPI\text{\_ISL}\_465551|Original|hCoV-19
^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

Spit|\text{CoV-19}|\text{Wales}|QEUH-AD251D|2020|2020-10-24|EPI\text{\_ISL}\_634739|Original|hCoV-19
^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spit|\text{CoV-19}|\text{Singapore}|593|2020|2020-05-19|EPI\text{\_ISL}\_483616|Original|hCoV-19
^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

Spit|\text{CoV-19}|\text{Kazakhstan}|22517|2020|2020-04-21|EPI\text{\_ISL}\_454586|Original|hCoV-19
^^Kazakhstan|Human|Laboratory of virology|Laboratory of molecular-genetic research|Abdaliyev|Kazakhstan

Spit|\text{CoV-19}|\text{Sweden}|20-53266|2020|2020-10-27|EPI\text{\_ISL}\_654503|Original|hCoV-19
^^Sweden|Human|The Public Health Agency of Sweden|The Public Health Agency of Sweden|\text{Svartstr}|\text{\textbackslash u00f6m}|Sweden
>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC_423/2020|2020-10-10|EPI-ISL_603245|Original|hCoV-19^Dhaka|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh
>Spik|hCoV-19/Sweden/20-08949/2020|2020-07-16|EPI-ISL_661273|Original|hCoV-19^Stockholm|Human|Stockholm StGoran|The Public Health Agency of Sweden|Svartstr|\u00f66f6m|Sweden
>Spik|hCoV-19/England/ALDP-B73B57/2020|2020-11-12|EPI-ISL_678916|Original|hCoV-19^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spik|hCoV-19/Japan/PG-0774/2020|2020-03-00|EPI-ISL_684384|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spik|hCoV-19/USA/NY-FV09129/2020|2020-03-19|EPI-ISL_422503|Original|hCoV-19^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA
>Spik|hCoV-19/Denmark/DCGC-20088/2020|2020-12-07|EPI-ISL_747974|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaellsen|Denmark
>Spik|hCoV-19/England/NORT-29D6C8/2020|2020-05-08|EPI-ISL_484301|Original|hCoV-19^England|Human|Northumbria University|South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spik|hCoV-19/mink/Denmark/mDK-273/2020|2020-11-09|EPI-ISL_683125|Original|hCoV-19^Denmark|Neovison|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaellsen|Denmark
>Spik|hCoV-19/Scotland/QEUH-96EBE8/2020|2020-08-19|EPI-ISL_534465|Original|hCoV-19^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research/Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/MILK-A91116/2020|2020-10-16|EPI-ISL_638504|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spik|hCoV-19/Latvia/161/2020|2020-08-28|EPI-ISL_639658|Original|hCoV-19^Latvia|Human|E. Gulbja Laboratorija|Latvian Biomedical Research and Study Centre|Zrelovs|Latvia
>Spik|hCoV-19/England/ALDP-C3D3D8/2020|2020-12-10|EPI-ISL_731710|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/Switzerland/GE-SNRCI-8420/2020|2020-03-00|EPI-ISL_548225|Original|hCoV-19^Geneve|Human|Laboratoire de Virologie|Swiss National Reference Centre for Influenza|Gon\u00e7alves Cabecinhas|Switzerland
>Spik|hCoV-19/USA/CA-CZB-10827/2020|2020-07-15|EPI-ISL_583077|Original|hCoV-19^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA
>Spik|hCoV-19/Canada/QC-LSPQ-L00233661/2020|2020-03-23|EPI-ISL_536031|Original|hCoV-19^Quebec|Human|Centre de SSS de Trois-Riv\u00e9s|Laboratoire de sant\u00e9|pulbere du Qu\u00e9bec|Moreira|Canada
>Spik|hCoV-19/USA/CA-ALSR-4799/2020|2020-05-07|EPI-ISL_730149|Original|hCoV-19^California|Human|Scirpp Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spik|hCoV-19/England/CAMC-B33124/2020|2020-11-05|EPI-ISL_659287|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/Scotland/QEUH-9D1C56/2020|2020-09-16|EPI-ISL_572685|Original|hCoV-19^Scotland|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spik|hCoV-19/USA/WA-UW-24839/2020|2020-08-12|EPI-ISL_570769|Original|hCoV-19^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spik|hCoV-19/USA/NY-NYUMC319/2020|2020-03-30|EPI-ISL_430346|Original|hCoV-19^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
>Spike|hCoV-19/Denmark/DCGC-14193/2020|2020-11-30|EPI_ISL_711616|Original|hCoV-19^^Hovedstad|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaela |Denmark

> Spike|hCoV-19/USA/CT-Yale-123/2020|2020-04-11|EPI_ISL_431086|Original|hCoV-19^^Connecticut|Human|Yale COVID-19 Biorepository|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

> Spike|hCoV-19/USA/TX-DSHS-0355/2020|2020-06-13|EPI_ISL_538292|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

> Spike|hCoV-19/England/QEUH-B7EB3/2020|2020-11-14|EPI_ISL_661858|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/Spain/VC-FISABIO-132/2020|2020-03-18|EPI_ISL_436227|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia|Consorci Hospital General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group|FISABIO Public Health|Gonzalez-Cardenas|Spain

> Spike|hCoV-19/Germany/BY-ChVir-1020/2020|2020-01-28|EPI_ISL_450200|Original|hCoV-19^^Bavaria|Human|Department of Virology|Department of Virology|B\u00efhmer|Germany

> Spike|hCoV-19/Brazil/SP-L9-CD135/2020|2020-03-24|EPI_ISL_476482|Original|hCoV-19^^S\u00e0 Paulo|Human|Hospital da Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Universidade de S\u00e3o Paulo|Sabino|Brazil

> Spike|hCoV-19/England/ALDP-A6c985/2020|2020-10-14|EPI_ISL_607195|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/USA/TX-HMH-6938/2020|2020-06-28|EPI_ISL_546366|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

> Spike|hCoV-19/USA/CA-ALSR-3672/2020|2020-09-21|EPI_ISL_636142|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

> Spike|hCoV-19/USA/WI-UW-784/2020|2020-07-06|EPI ISL_495488|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczekas|USA

> Spike|hCoV-19/England/QEUH-9ACCFA/2020|2020-09-20|EPI ISL_559805|Original|hCoV-19^^England|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaela |Denmark

> Spike|hCoV-19/Switzerland/AG-ETHZ-310407/2020|2020-10-08|EPI ISL_603481|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

> Spike|hCoV-19/Switzerland/BL-ETHZ-360271/2020|2020-11-08|EPI ISL_728817|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

> Spike|hCoV-19/Scotland/CVR5006/2020|2020-10-08|EPI ISL_594745|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

> Spike|hCoV-19/Northern Ireland/QEUH-969E20/2020|2020-08-14|EPI ISL_530941|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/England/CMAC-B3440C/2020|2020-11-05|EPI ISL_659505|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/England/20138015704/2020|2020-03-26|EPI ISL_423280|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

> Spike|hCoV-19/Gambia/NPFL-243/2020|2020-00-00|EPI ISL_561246|Original|hCoV-19^^Gamb|Human|Gambia and Sanger Institute at LSHTM Genomics lab|MRGC at LSHTM Genomics lab|Sesay|Gambia

> Spike|hCoV-19/England/QEUH-9ACFFA/2020|2020-09-02|EPI ISL_559805|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
| Date       | Action                  | Country | Institution                                   | Location | Sample Type | Accession | Notes                                      |
|------------|-------------------------|---------|-----------------------------------------------|----------|-------------|-----------|--------------------------------------------|
| 2020-04-16 | Spike| hCoV-19/England/NORW-E86A2 | England | Human | Quadram Institute Bioscience | COVID-19 Genomics UK (COG-UK) Consortium | Alikhan | United Kingdom |
| 2020-11-14 | Spike| hCoV-19/England/QEUH-B7E1B4 | England | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| 2020-10-05 | Spike| hCoV-19/England/CAMC-A3ECT4 | England | Human | Lighthouse Lab in Cambridge | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| 2020-10-11 | Spike| hCoV-19/England/CAMC-B09558 | England | Human | Lighthouse Lab in Cambridge | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| 2020-10-09 | Spike| hCoV-19/England/ALDP-5C9B58 | England | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| 2020-04-21 | Spike| hCoV-19/Australia/NSW382 | Australia | Human | Respiratory Virus Unit | Respiratory Virus Unit consortium | Platt | United Kingdom |
| 2020-07-06 | Spike| hCoV-19/Japan/PG-1244 | Japan | Human | Yamagata Prefectural Institute of Public Health | Pathogen Genomics Center | Sekizuka | Japan |
| 2020-06-11 | Spike| hCoV-19/England/MILK-957BA6 | England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| 2020-06-12 | Spike| hCoV-19/USA/TX-HMH-3224 | Texas | Human | Houston Methodist Hospital | Houston Methodist Hospital | Long | USA |
| 2020-03-02 | Spike| hCoV-19/England/2018003202 | England | Human | Respiratory Virus Unit | Respiratory Virus Unit consortium | Platt | United Kingdom |
| 2020-07-01 | Spike| hCoV-19/Japan/PG-7803 | Japan | Human | Pathogen Genomics Center | Pathogen Genomics Center | Sekizuka | Japan |
| 2020-03-20 | Spike| hCoV-19/Austria/CEMM0895 | Austria | Human | Dr. Gernot Walder GmbH | Bergthaler laboratory | Bergthaler | Austria |
| 2020-08-06 | Spike| hCoV-19/Belgium/ULG-10371 | Belgium | Human | Department of Clinical Microbiology | GIGA Medical Genomics | Durkin | Belgium |
| 2020-11-05 | Spike| hCoV-19/England/CAMC-B35711 | England | Human | Lighthouse Lab in Cambridge | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| 2020-08-03 | Spike| hCoV-19/USA/DE-DHSS-F980184 | Delaware | Human | Delaware Public Health Laboratory | Delaware Public Health Laboratory | Bajwa | USA |
| 2020-04-04 | Spike| hCoV-19/Japan/PG-0796 | Japan | Human | Pathogen Genomics Center | Pathogen Genomics Center | Sekizuka | Japan |
>Spike|hCoV-19|USA/FL-BPHL-1623/2020|2020-06-03|EPI_ISL_594313|Original|hCoV-19|^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spizzle|hCoV-19|England/205161440/2020|2020-12-16|EPI_ISL_766434|Original|hCoV-19|^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spizzle|hCoV-19|USA/NY-NYCPHL-001275/2020|2020-11-09|EPI_ISL_683846|Original|hCoV-19|^New York|Human|DOHMH PHL|New York City Public Health Laboratory|Wang|USA
>Spizzle|hCoV-19|England/BRIS-12755E/2020|2020-04-22|EPI_ISL_469758|Original|hCoV-19|^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spizzle|hCoV-19|Wales/PHWC-24B9C/2020|2020-03-20|EPI_ISL_419493|Original|hCoV-19|^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardioff|Moore|United Kingdom
>Spizzle|hCoV-19|England/SHEF-C7111/2020|2020-08-30|EPI_ISL_540736|Original|hCoV-19|^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spizzle|hCoV-19|Australia/VIC8950/2020|2020-07-28|EPI_ISL_565304|Original|hCoV-19|^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spizzle|hCoV-19|Japan/PG-0998/2020|2020-04-00|EPI_ISL_684608|Original|hCoV-19|^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spizzle|hCoV-19|England/ALDP-B5B95B/2020|2020-11-08|EPI_ISL_655280|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spizzle|hCoV-19|England/ALDP-955E54/2020|2020-06-08|EPI_ISL_554033|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spizzle|hCoV-19|Thailand/Bangkok-CONI-0214/2020|2020-03-18|EPI_ISL_512864|Original|hCoV-19|^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand
>Spizzle|hCoV-19|England/ALDP-A86545/2020|2020-10-17|EPI_ISL_606181|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spizzle|hCoV-19|England/MILK-B38B9A/2020|2020-11-01|EPI_ISL_568805|Original|hCoV-19|^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spizzle|hCoV-19|England/CAMC-A574E6/2020|2020-10-09|EPI_ISL_597243|Original|hCoV-19|^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spizzle|hCoV-19|USA/NY-WCMP2D02P/2020|2020-03-12|EPI_ISL_427527|Original|hCoV-19|^New York|Human|New York Presby | Presbyterian & Mason Lab|Mason Lab|Mason|USA
>Spizzle|hCoV-19|Russia/PER-RII-MH2816S/2020|2020-09-24|EPI_ISL_639963|Original|hCoV-19|^Perm|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Spizzle|hCoV-19|Wales/PHWC-162C52/2020|2020-05-14|EPI_ISL_473182|Original|hCoV-19|^Wales|Human|Wales Specialist Virology Centre|Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spizzle|hCoV-19|England/EXET-13776/2020|2020-05-19|EPI_ISL_471984|Original|hCoV-19|^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spizzle|hCoV-19|USA/WA-UW-1855/2020|2020-03-23|EPI_ISL_424292|Original|hCoV-19|^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spizzle|hCoV-19|USA/AZ-TG352021/2020|2020-05-26|EPI_ISL_694419|Original|hCoV-19|^Arizona|Human|AZ SPHL|TGGen North|French|USA
>Spizzle|hCoV-19|Denmark/DCGC-9740/2020|2020-11-09|EPI_ISL_669138|Original|hCoV-19|^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/CO-CDPHE-201197322/2020|2020-11-18|EPI_ISL_771181|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/England/CAMB-7A6FA/2020|2020-04-07|EPI_ISL_433828|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/New Zealand/20VR1764/2020|2020-03-25|EPI_ISL_579126|Original|hCoV-19^^Southern|Human|Southern Community Labs Dunedin|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Gibraltar/204421175/2020|2020-10-27|EPI_ISL_613638|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Belgium/UGent-47/2020|2020-03-30|EPI_ISL_434363|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/Wales/PHWC-3126A/2020|2020-04-10|EPI_ISL_474323|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Ecuador/USFQ-119/2020|2020-06-30|EPI_ISL_486851|Original|hCoV-19^^Imbabura|Human|Institute of Microbiology|Institute of Microbiology|Cardenas|Ecuador

>Spike|hCoV-19/Finland/15ES15BE1/2020|2020-08-15|EPI_ISL_756165|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/TX-HMH-MCoV-8935/2020|2020-07-02|EPI_ISL_780843|Original|hCoV-19^^Houston|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUH-AAEF2B/2020|2020-10-22|EPI_ISL_623963|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-AE50E9/2020|2020-10-27|EPI_ISL_633178|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A503B3/2020|2020-10-07|EPI_ISL_597876|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA11-UW7/2020|2020-03-02|EPI_ISL_413562|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MLK-A7B4FB/2020|2020-10-15|EPI_ISL_607407|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9EC915/2020|2020-09-23|EPI_ISL_594629|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10026/2020|2020-03-31|EPI_ISL_421200|Original|hCoV-19^^Li|University of Antwerp|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/VA-DCLS-0604/2020|2020-03-29|EPI_ISL_526821|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Wales/PHWC-488145/2020|2020-10-28|EPI_ISL_639356|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/Donner21/2020|2020-04-14|EPI_ISL_438965|Original|hCoV-19^^Kanto|Human|Keio University School of Medicine|Keio University School of Medicine|Kosaki|Japan
>Spike|hCoV-19^Scotland/QEUH-C5C76E/2020|2020-12-14|EPI_ISL_757037|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19^Australia/VIC14926/2020|2020-09-06|EPI_ISL_593063|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spke|hCoV-19^USA/TX-HMH-MCoV-16216/2020|2020-10-30|EPI ISL_785900|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spke|hCoV-19^USA/TX-HMH-4244/2020|2020-06-18|EPI ISL_543457|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spke|hCoV-19^England/HQEU-B7EB07/2020|2020-11-14|EPI ISL_668055|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19^Luxembourg/LNS199967/2020|2020-12-01|EPI ISL_770906|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spke|hCoV-19^USA/WA-S608/2020|2020-04-19|EPI ISL_438161|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Bedford|USA
>Spke|hCoV-19^Canada/BC_26602426/2020|2020-03-00|EPI ISL_463242|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada
>Spke|hCoV-19^Denmark/DCGC-17156/2020|2020-12-14|EPI ISL_750793|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Mihaelsen|Denmark
>Spke|hCoV-19^USA/UT-01991/2020|2020-04-16|EPI ISL_452175|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spke|hCoV-19^England/LIVE-9B899/2020|2020-04-22|EPI ISL_440882|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spke|hCoV-19^England/EQUEU-C7CB20/2020|2020-12-16|EPI ISL_762614|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19^England/ALDP-C397A3/2020|2020-12-09|EPI ISL_731515|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19^Luxembourg/LNS7588118/2020|2020-11-27|EPI ISL_744593|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spke|hCoV-19^USA/TX-HMH-MCoV-9262/2020|2020-07-03|EPI ISL_780542|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spke|hCoV-19^Australia/VIC14006/2020|2020-07-21|EPI ISL_563922|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spke|hCoV-19^England/EQUEU-9980C8/2020|2020-08-27|EPI ISL_537168|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19^England/EQUEU-99046A/2020|2020-08-26|EPI ISL_530374|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19^England/204660312/2020|2020-11-11|EPI ISL_686568|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spke|hCoV-19^England/EQUEU-9698E6/2020|2020-08-12|EPI ISL_531028|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19^England/EQUEU-10506/2020|2020-10-23|EPI ISL_626297|Original|hCoV-19^^Lily\u00e9|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
>Spke|hCoV-19^USA/NJ-QDX-1267/2020|2020-03-16|EPI ISL_571982|Original|hCoV-19^^New Jersey|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19|England|2020-03-30|EPI_ISL_465908|Original|hCoV-19
>England|Human|Respiratory Virus Unit|Respiratory Viral Unit|Platt|United Kingdom
>Spik|hCoV-19|Latvia|2020-04-28|EPI_ISL_450521|Original|hCoV-19
>Latvia|Human|Centr\u00e4tsmedizin|Centr\u00e4lsmedizin
>Spik|hCoV-19|Australia/VIC4479|2020-00-00|EPI_ISL_519775|Original|hCoV-19
>Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spik|hCoV-19|England/MILK-9D4A1D|2020-09-19|EPI_ISL_601749|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19|Finland/7LS4AD8|2020-10-07|EPI_ISL_756036|Original|hCoV-19

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>Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spik|hCoV-19|Switzerland/AG-ETHZ-410258|2020-12-14|EPI_ISL_737455|Original|hCoV-19
>Scotland|Human|Department of Engineering|Nadeau|Switzerland

>Spik|hCoV-19|England/CAMB-7A14A|2020-04-02|EPI_ISL_441289|Original|hCoV-19
>England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19|Chile/LI-ISPCH-8|2020-03-23|EPI_ISL_445298|Original|hCoV-19
>Chile|Human|Hospital de San Fernando|Instituto de Salud Publica de Chile|Fernandez|Chile

>Spik|hCoV-19|Saudi Arabia/KAUST-JEDDAH313|2020-04-15|EPI_ISL_512908|Original|hCoV-19
>Saudi Arabia|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spik|hCoV-19|USA/TX-HMH-MCoV-18553|2020-11-19|EPI_ISL_784901|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spik|hCoV-19|Denmark/DGCC-21138|2020-12-21|EPI_ISL_758803|Original|hCoV-19
>Norvelstaden|Human|Department of Virology and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spik|hCoV-19|Netherlands/FR-RIVM-2016|2020-11-29|EPI_ISL_723350|Original|hCoV-19
>Friesland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spik|hCoV-19|Switzerland/VD-ETHZ-270202|2020-08-31|EPI_ISL_541506|Original|hCoV-19
>Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spik|hCoV-19|Guangzhou/GZMU0047|2020-02-25|EPI_ISL_414690|Original|hCoV-19
>Guangdong|Human|State Key Laboratory of Respiratory Disease|The First Affiliated Hospital of Guangzhou Medical University & BGI-Shenzhen|Ji|China

>Spik|hCoV-19|Denmark/DGCC-20448|2020-12-21|EPI_ISL_759155|Original|hCoV-19
>Midtjylland|Human|Department of Virology and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spik|hCoV-19|England/ALDP-A525E8|2020-10-07|EPI_ISL_597925|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19|England/MILK-B05F03|2020-10-24|EPI_ISL_643000|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spik|hCoV-19|Latvia/04/2020|2020-03-25|EPI_ISL_421656|Original|hCoV-19
>Latvia|Human|E. Gulbja Laboratorija|Latvian Biomedical Research and Study Centre|Zrelovs|Latvia

>Spik|hCoV-19/Germany/BE-ChVir-W1449-8226|2020-06-29|EPI_ISL_753971|Original|hCoV-19
>Berlin|Human|Charit\u00e4tsmedizin Berlin|Charit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spik|hCoV-19/Australia/NSW940|2020-08-29|EPI_ISL_545012|Original|hCoV-19
>South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology
>Spike|hCoV-19|England/MILK-A795DC/2020|2020-10-14|EPI_ISL_606768|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Skp|hCoV-19/England/NORT-289AC3/2020|2020-04-03|EPI_ISL_453511|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust / COVID-19 Genomics UK (COG-UK) consortium|Bashton|United Kingdom

>Skp|hCoV-19/England/ALDP-B5E78B/2020|2020-11-09|EPI_ISL_655469|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom

>Skp|hCoV-19/Wales/PHWC-48D395/2020|2020-10-17|EPI_ISL_680615|Original|hCoV-19
>Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom

>Skp|hCoV-19/Canada/QC-LSPQ-L00233115/2020|2020-03-22|EPI_ISL_536009|Original|hCoV-19
>Quebec|Human|Centre Hospitalier R\'u0009gional de Lanaud\'u00e8re|Laboratoire de sant\'u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Skp|hCoV-19/Spain/CL-IVB-97006209/2020|2020-04-13|EPI_ISL_537355|Original|hCoV-19
>Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium/IBV(CIC)|Comas|Spain

>Skp|hCoV-19/Belgium/rega-12111404/2020|2020-12-11|EPI_ISL_738456|Original|hCoV-19
>Mol|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Skp|hCoV-19/Netherlands/NB-EMC-392/2020|2020-00-00|EPI_ISL_722469|Original|hCoV-19
>Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands

>Skp|hCoV-19/England/CAMC-B08717/2020|2020-10-29|EPI_ISL_643785|Original|hCoV-19
>England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Skp|hCoV-19/Germany/HH-hpi-p1279/2020|2020-03-16|EPI_ISL_775876|Original|hCoV-19
>Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Skp|hCoV-19/Denmark/DCGC-2268/2020|2020-08-10|EPI_ISL_617625|Original|hCoV-19
>Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Skp|hCoV-19/France/IDF-10013BA/2020|2020-03-00|EPI_ISL_447711|Original|hCoV-19
>France|Human|H\'u000f4pital Henri-Mondor Ap-Hp|\'H\u000f4pital Henri-Mondor Ap-Hp|Rodriguez|France

>Skp|hCoV-19/USA/TX-HMH-6474/2020|2020-06-27|EPI_ISL_546022|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Skp|hCoV-19/USA/LA-EVTLL057/2020|2020-04-27|EPI_ISL_451218|Original|hCoV-19
>Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Skp|hCoV-19/Denmark/DCGC-8283/2020|2020-10-26|EPI_ISL_617320|Original|hCoV-19
>Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Skp|hCoV-19/England/PORT-2EE7D4/2020|2020-12-18|EPI_ISL_763495|Original|hCoV-19
>England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) consortium|Robson|United Kingdom

>Skp|hCoV-19/England/MILK-B56361/2020|2020-11-06|EPI_ISL_657360|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Skp|hCoV-19/Portugal/PT0431/2020|2020-04-01|EPI_ISL_454155|Original|hCoV-19
>Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Skp|hCoV-19/England/ALDP-A6F73D/2020|2020-10-15|EPI_ISL_607062|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Skp|hCoV-19/England/2019047604/2020|2020-03-07|EPI_ISL_464568|Original|hCoV-19
>England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-20462/2020|2020-12-21|EPI_ISL_759166|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelesen|Denmark
>Spik|hCoV-19/USA/FL-BPHL-031/2020|2020-04-15|EPI_ISL_436535|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spik|hCoV-19/USA/TX-CDC-2-3693572/2020|2020-10-27|EPI_ISL_747148|Original|hCoV-19^^Texas|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA
>Spik|hCoV-19/Australia/NSW193/2020|2020-03-23|EPI_ISL_427798|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spik|hCoV-19/Scotland/CVR5010/2020|2020-10-09|EPI_ISL_594749|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spik|hCoV-19/Scotland/QEUH-AF118D/2020|2020-10-29|EPI_ISL_666104|Original|hCoV-19^^Scotland|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spik|hCoV-19/England/ALDP-BB34AB/2020|2020-11-20|EPI_ISL_702740|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/Scotland/19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/Scotland/19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/Spain/M-20191593/2020|2020-06-10|EPI_ISL_776875|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Marañón|Hospital General Universitario Gregorio Marañón|García de Viedma|Spain
>Spik|hCoV-19/Zimbabwe/ZA-6980/2020|2020-05-01|EPI_ISL_644797|Original|hCoV-19^^Zimbabwe|Human|National Microbiology Reference Laboratory|Quadram Institute Bioscience|Alikhan|Zimbabwe
>Spik|hCoV-19/Japan/PG-7076/2020|2020-08-00|EPI_ISL_688181|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spik|hCoV-19/Wales/PHWC-4A4ADF/2020|2020-12-03|EPI_ISL_764767|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik|hCoV-19/England/SHEF-C92A3/2020|2020-04-27|EPI_ISL_475425|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spik|hCoV-19/Ireland/D-NVRL-AIIDV0073v2/2020|2020-04-12|EPI_ISL_768754|Original|hCoV-19^^Dublin|Human|AIID|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland
>Spik|hCoV-19/Wales/PHWC-36C2B/2020|2020-05-02|EPI_ISL_474779|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik|hCoV-19/Switzerland/BE-ETHZ-332172/2020|2020-10-22|EPI_ISL_614929|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spik|hCoV-19/England/ALDP-B5DD3F/2020|2020-11-09|EPI_ISL_723586|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spik|hCoV-19/Beijing/BJ492/2020|2020-02-02|EPI_ISL_430728|Original|hCoV-19^^Beijing|Human|Chinese PLA Institute for Disease Control and Prevention|Chinese PLA Institute for Disease Control and Prevention|Li|China
>Spike|hCoV-19/USA/TX-HMH-4720/2020|2020-06-21|EPI_ISL_544286|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Scotland/QEUH-A31549/2020|2020-10-05|EPI_ISL_595901|Original|hCoV-19^^Scotland|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/USA/LA-ALSR-0065-NBG/2020|2020-03-31|EPI_ISL_434522|Original|hCoV-19^^Louisiana|Human|Robert Garry lab|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/England/MILK-C2PDF9/2020|2020-12-07|EPI_ISL_783062|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Germany/NW-HHU-117/2020|2020-08-24|EPI_ISL_539594|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLINAS MVZ D\u00fcsseßdorf-Centrum Gbr \u00d4BAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany
>Spike|hCoV-19/USA/TX-HMH-7539/2020|2020-06-25|EPI_ISL_546833|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/ALDP-9D976C/2020|2020-09-18|EPI_ISL_576757|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/USA/ID-UW-3416/2020|2020-03-25|EPI_ISL_490995|Original|hCoV-19^^Idaho|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/France/PAC-IHU-00274/2020|2020-03-31|EPI_ISL_569425|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2013u00f4v\u00f4 2019Azur|Human|MEPHI|MEPHI|Levasseur|France
>Spike|hCoV-19/England/ALDP-6E95EA/2020|2020-06-30|EPI_ISL_557671|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMC-A566A3/2020|2020-10-09|EPI_ISL_597054|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-16242/2020|2020-10-30|EPI_ISL_785926|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/ALDP-9CB9D0/2020|2020-09-16|EPI_ISL_575607|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/BRIS-185406C/2020|2020-04-28|EPI_ISL_492273|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMC-B361C7/2020|2020-11-05|EPI_ISL_645463|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-AAABFE/2020|2020-10-21|EPI_ISL_652733|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Scotland/GCVR-170213/2020|2020-03-24|EPI_ISL_459524|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-16A7A4/2020|2020-09-09|EPI_ISL_560103|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-18280/2020|2020-11-17|EPI_ISL_784628|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Spain/AR-IVB-005033/2020|2020-04-20|EPI_ISL_500339|Original|hCoV-19^^Aragon|Human|Servicio de Microbiologia\u00eda|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
>Spike|hCoV-19/USA/LA-GBCL-26492471/2020|2020-04-25|EPI_ISL_485874|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA
>Spike|hCoV-19/Japan/PG-3658/2020|2020-04-04|EPI_ISL_691911|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
Bahrain

Human|Kingdom of Bahrain Ministry of Health|Erasmus Medical Center|Oude Munnik|Bahrain

Denmark

Human|Department of Microbiological Special Diagnostics|Albersen lab|Kirkegaard|Denmark

USA

UT-UPHL-2009239/2020|2020-05-13|EPI_ISL_525231|Original|hCoV-19

England

Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

Scotland

Human|Lighthouse Lab in Glasgow|MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

England

Human|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

Africa

Human|Kingdom of Bahrein Ministry of Health|Bahrain Ministry of Health|Oude Munnik|Bahrain

Canada

Human|University of British Columbia|COVID-19 Genomics Canada|Mueller|Canada

United Kingdom

Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

USA

AZ-TG654333/2020|2020-04-13|EPI_ISL_695982|Original|hCoV-19

Mexico

Human|Sonora Quest Laboratories|TFG North|French|USA

Japan

Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

Canada

Human|University of British Columbia|COVID-19 Genomics Canada|Mueller|Canada

USA

USA

Human|Gujarat Biotechnology Research Centre|Gujarat Biotechnology Research Centre|Joshi|India

Singapore

Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

England

Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

India

Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

England

Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

England

Human|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

USA

AZ-TG654333/2020|2020-04-13|EPI_ISL_695982|Original|hCoV-19

United Kingdom

Human|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

USA

AZ-TG654333/2020|2020-04-13|EPI_ISL_695982|Original|hCoV-19

United Kingdom

Human|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

India

Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

England

Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
| Country | Region | Laboratory Name | Institution | ID | Sequence Type | Description |
|---------|--------|-----------------|-------------|----|---------------|-------------|
| England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| England | Human | Lighthouse Lab in Cambridge | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| England | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| England | Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
>Spike|hCoV-19/Russia/KLU-RII-MH3358S/2020|2020-10-06|EPI_ISL_733104|Original|hCoV-19^^England|Human|HELIx LLC|WHO National Influenza Centre Russia
Federation|Komissarov|Russia
> Spike|hCoV-19/USA/TX-HMW-MCoV-14529/2020|2020-10-09|EPI_ISL_787814|Original|hCoV-19^^England|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19/Wales/MILK-9E1206/2020|2020-09-20|EPI_ISL_581086|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Australia/VIC7530/2020|2020-07-24|EPI_ISL_564474|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Scotland/QEUH-A0BCAD/2020|2020-10-03|EPI_ISL_599450|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/CAMC-C44AF7/2020|2020-12-10|EPI_ISL_719455|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/ALDP-B74E6C/2020|2020-11-12|EPI_ISL_662163|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/QEUH-A0BCAD/2020|2020-12-10|EPI_ISL_719455|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/ALDP-B74E6C/2020|2020-11-12|EPI_ISL_662163|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Peru/ANC-INS-049/2020|2020-04-10|EPI_ISL_516653|Original|hCoV-19^^Ancash|Human|Laboratorio de Referencia Nacional de Virus Respiratorio. Centro Nacional de Salud Publica. Instituto Nacional de Salud Peru.|Laboratorio de Referencia Nacional de Biotecnolog\u00eda y Biolog\u00eda Molecular. Centro Nacional de Salud Publica. Instituto Nacional de Salud Peru.|Padilla Rojas|Peru
> Spike|hCoV-19/England/HEE92/2020|2020-09-24|EPI_ISL_588640|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Canada/ON-S1923/2020|2020-11-24|EPI_ISL_729266|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
> Spike|hCoV-19/Singapore/1053/2020|2020-03-23|EPI_ISL_574538|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
> Spike|hCoV-19/England/QEUH-BCCE92/2020|2020-11-26|EPI_ISL_704373|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Wales/MBL-9E3620/2020|2020-09-21|EPI_ISL_581168|Original|hCoV-19/Wales/Human/Lighthouse Lab in Milton Keynes/Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies/United Kingdom

Spike|hCoV-19/USA/NY-NYCPH-007564/2020|2020-11-30|EPI_ISL_754539|Original|hCoV-19/New York/DOHMH Riverside/New York City Public Health Laboratory/Wang/USA

Spike|hCoV-19/England/NORW-0326/2020|2020-12-23|EPI_ISL_725306|Original|hCoV-19/England/Human/Quadram Institute Bioscience/COVID-19 Genomics UK (COG-UK) consortium|Ali Khan/United Kingdom

Spike|hCoV-19/Australia/VIC12516/2020|2020-07-31|EPI_ISL_640911|Original|hCoV-19/Victoria/Human/Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)/MDU-PHL/Schultz/Australia

Spike|hCoV-19/USA/FI-UF-16/2020|2020-04-22|EPI_ISL_468723|Original|hCoV-19/Florida/Human/University of Florida/University of Florida/Lednicky/USA

Spike|hCoV-19/England/NORT-282BF4/2020|2020-03-28|EPI_ISL_472219|Original|hCoV-19/England/Human/Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust/COVID-19 Genomics UK (COG-UK) consortium|Alikhan/United Kingdom

Spike|hCoV-19/Australia/VIC12568/2020|2020-11-18|EPI_ISL_726256|Original|hCoV-19/Victoria/Human/Originating lab/COVID-19 Genomics UK (COG-UK) consortium|Robson/United Kingdom

Spike|hCoV-19/England/EXET-13E026/2020|2020-12-03|EPI_ISL_724307|Original|hCoV-19/England/Human/University of Exeter/COVID-19 Genomics UK (COG-UK) consortium|Temperston/United Kingdom

Spike|hCoV-19/Australia/VIC783/2020|2020-03-30|EPI_ISL_427058|Original|hCoV-19/Victoria/Human/Microbiological Diagnostic Unit Public Health Laboratory/Microbiological Diagnostic Unit Public Health Laboratory/Schultz/Australia

Spike|hCoV-19/Switzerland/BE-ETHZ-390148/2020|2020-11-30|EPI_ISL_729068|Original|hCoV-19/Bern/Human/Viollier AG/Department of Biosystems Science and Engineering/Nadeau/Switzerland

Spike|hCoV-19/Netherlands/EMC-42/2020|2020-04-22|EPI_ISL_523426|Original|hCoV-19/Overijssel/Human/Dutch COVID-19 response team/Erasmus Medical Center/Oude Munnink/Netherlands

Spike|hCoV-19/Thailand/SamutSakhon-CONI-0358/2020|2020-12-19|EPI_ISL_733552|Original|hCoV-19/Samut Sakhon/Human/Institute for Urban Disease Control and Prevention/COVID-19 Network Investigations (CONI) Alliance/Batty/Thailand

Spike|hCoV-19/USA/MI-MDHHS-SC22030/2020|2020-09-10|EPI_ISL_577586|Original|hCoV-19/Michigan/Human/Michigan Department of Health and Human Services/Michigan Department of Health and Human Services/Jacob/USA

Spike|hCoV-19/USA/FL-BFHL-0617/2020|2020-04-04|EPI_ISL_508821|Original|hCoV-19/Florida/Human/Florida Bureau of Public Health Laboratories/Florida Bureau of Public Health Laboratories/Blanton/USA

Spike|hCoV-19/USA/AZ-TG395957/2020|2020-06-10|EPI_ISL_694783|Original|hCoV-19/Arizona/Human/AZ SPHL/TGen North/French/USA

Spike|hCoV-19/Scotland/QUEH-9AQ654/2020|2020-09-05|EPI_ISL_577363|Original|hCoV-19/Scotland/Human/University of Exeter/COVID-19 Genomics UK (COG-UK) consortium|Temperston/United Kingdom

Spike|hCoV-19/England/BRIS-125392/2020|2020-03-27|EPI_ISL_443879|Original|hCoV-19/England/Human/PHE South West Regional Laboratory/Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium/Amato/United Kingdom

Spike|hCoV-19/Brazil/SP-L8-CD101/2020|2020-03-23|EPI_ISL_476450|Original|hCoV-19/S\u00e3o Paulo/Human/Hospital da C\u00e3o e Ospedal da Faculdade de Medicina da
Universidade de S\'u00e3o Paulo|Instituto de Medicina Tropical da Universidade de S\'u00e3o Paulo|Sabino|Brazil

> Spike|hCoV-19/Wales/PHWC-2D410/2020|2020-04-03|EPI_ISL_445984|Original|hCoV-19^^^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

> Spike|hCoV-19/Germany/BE-ChVir-D1922-4497/2020|2020-10-05|EPI_ISL_753867|Original|hCoV-19^^^^Berlin|Human|Charit\u00e0|Germany

Universit\u00e9|u00e0|Universit\u00e9|u00e0|4tsmedizin|Berlin|Charit\u00e0|u00e9|Universit\u00e9|u00e0|4tsmedizin|Berlin|Muehlemann|Germany

> Spike|hCoV-19/USA/UT-UPHL-2012383236/2020|2020-08-04|EPI_ISL_745990|Original|hCoV-19^^^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

> Spike|hCoV-19/Wales/MILK-593252/2020|2020-06-11|EPI_ISL_558261|Original|hCoV-19^^^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/England/PORT-2D2515/2020|2020-03-26|EPI_ISL_507153|Original|hCoV-19^^^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

> Spike|hCoV-19/Luxembourg/LNS3580243/2020|2020-10-29|EPI_ISL_740337|Original|hCoV-19^^^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

> Spike|hCoV-19/England/QEUH-B2D293/2020|2020-11-04|EPI_ISL_660027|Original|hCoV-19^^^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/India/TG-CCMB-W998/2020|2020-07-14|EPI_ISL_528840|Original|hCoV-19^^^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

> Spike|hCoV-19/England/QEUH-C5CB26/2020|2020-12-14|EPI_ISL_736101|Original|hCoV-19^^^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/Australia/VIC2343/2020|2020-06-24|EPI_ISL_522064|Original|hCoV-19^^^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

> Spike|hCoV-19/USA/WI-UW-674/2020|2020-06-27|EPI_ISL_491355|Original|hCoV-19^^^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

> Spike|hCoV-19/USA/CA-CZB-5168/2020|2020-08-12|EPI_ISL_583222|Original|hCoV-19^^^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

> Spike|hCoV-19/Wales/PHWC-48E6D7/2020|2020-11-12|EPI_ISL_680897|Original|hCoV-19^^^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/USA/CA-QDX-924/2020|2020-03-23|EPI_ISL_571580|Original|hCoV-19^^^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

> Spike|hCoV-19/Switzerland/BS-UHB-42175213/2020|2020-03-03|EPI_ISL_527923|Original|hCoV-19^^^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Rollof Handschin|Switzerland

> Spike|hCoV-19/Wales/PHWC-16AF9D/2020|2020-09-16|EPI_ISL_560228|Original|hCoV-19^^^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/England/CAMC-B1FDEE/2020|2020-11-01|EPI_ISL_647619|Original|hCoV-19^^^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/Belgium/BS-0331359/2020|2020-03-31|EPI_ISL_462213|Original|hCoV-19^^^^Arbre|Human|KU Leuven|KU Leuven|Maes|Belgium

> Spike|hCoV-19/Wales/PHWC-16B4CA/2020|2020-09-15|EPI_ISL_560295|Original|hCoV-19^^^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19|Spain/CT-HUVH-VH1713/2020|2020-03-29|EPI_ISL_444990|Original|hCoV-19^^Catalunya|Human|Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca|Hospital Universitari Vall d'Hebron|Anton|Spain

Spoke|hCoV-19/England/ALDP-9D6DD4/2020|2020-09-18|EPI_ISL_576672|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

Spoke|hCoV-19/Vietnam/HCMC-05007/2020|2020-03-22|EPI_ISL_498178|unknown|hCoV-19^^Ho Chi Minh City|Human|OUCRU|OUCRU|Nguyen|Vietnam

Spoke|hCoV-19/England/QEUH-AACE5D/2020|2020-10-19|EPI_ISL_652919|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

Spoke|hCoV-19/Australia/VIC12683/2020|2020-07-30|EPI_ISL_640904|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

Spoke|hCoV-19/USA/NY-PV08462/2020|2020-03-18|EPI_ISL_421408|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

Spoke|hCoV-19/Wales/PHWC-49070C/2020|2020-11-13|EPI_ISL_706503|Original|hCoV-19^^Wales|Human|Ori...
>Spike|hCoV-19/England/NORW-F5129/2020|2020-11-02|EPI_ISL_665885|Original|hCoV-19^England|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/England/BRIS-122070/2020|2020-03-22|EPI_ISL_439982|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/England/ALDP-5D6077/2020|2020-06-19|EPI_ISL_558561|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/NORW-E8DE9/2020|2020-04-28|EPI_ISL_461811|Original|hCoV-19^England|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/England/20139003604/2020|2020-03-27|EPI_ISL_421851|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/Denmark/DGCC-16124/2020|2020-11-16|EPI_ISL_714597|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Gambia/GC19-3820/2020|2020-07-27|EPI_ISL_561091|Original|hCoV-19^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia
>Spike|hCoV-19/England/CAMC-BBC2F3/2020|2020-11-22|EPI_ISL_705589|Original|hCoV-19^England|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/Canada/BC-BCCDC-7321/2020|2020-10-00|EPI_ISL_740684|Original|hCoV-19^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada
>Spike|hCoV-19/USA/CA-CZB-4086/2020|2020-08-10|EPI_ISL_548623|Original|hCoV-19^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA
>Spike|hCoV-19/USA/UT-UPHL-2008944/2020|2020-05-14|EPI_ISL_525273|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/Denmark/DGCC-13948/2020|2020-11-30|EPI_ISL_711469|Original|hCoV-19^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Wales/MILK-B04F31/2020|2020-10-24|EPI_ISL_651046|Original|hCoV-19^Wales|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/England/BRIS-12CBDF/2020|2020-04-18|EPI_ISL_481818|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC11881/2020|2020-08-01|EPI_ISL_591883|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/South Africa/NHLS-UCT-GS-1380/2020|2020-11-13|EPI_ISL_700524|Original|hCoV-19^Western Cape|Human|Hornlee Clinic wc HLC|NHLS/UCT|Iranszadeh|South Africa
>Spike|hCoV-19/USA/MI-MDHHS-SC21796/2020|2020-04-11|EPI_ISL_565839|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/Luxembourg/LNS7469233/2020|2020-11-02|EPI_ISL_744575|Original|hCoV-19^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wieennie-Baldacchino|Luxembourg
>Spike|hCoV-19/Belgium/rega-12141335/2020|2020-12-14|EPI_ISL_738388|Original|hCoV-19^Mo|Human|UZ Leuven|UZ Leuven|Maes|Belgium
>Spike|hCoV-19/England/ALND-D9C48/2020|2020-10-17|EPI_ISL_612453|Original|hCoV-19^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spike|hCoV-19/USA/UT-UPHL-2012601236/2020|2020-12-01|EPI_ISL_746876|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA
COVID-19

England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

Victoria|Human|VIDRL|VIDRL

Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|Schultz|Australia

England|Human|Wales Specialist Virology Centre Sequencing Lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Virginia|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Massachusetts|Human|Connecticut Veterans’ Affairs Hospital|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

Australia|Human|MASPHL|MASPHL

Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Chile|Region Metropolitana de Santiago|Human|Genética Molecular and Subdepartamento de Virologia ISP Chile|Tognarelli|Chile

England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

Netherlands|Zeewolde_1365080|EPI_ISL_413591|Original|hCoV-19

Zeewolde|Human|MHC Flevoland|Erasmus Medical Center|Oude Munnik|Netherlands

Australia|Human|VIC1894|EPI_ISL_480650|Original|hCoV-19

Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

USA|Texas|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Italy|APU-Unimi|EPI_ISL_469022|Original|hCoV-19

Apulia|Human|Istituto Zooprofilattico Sperimentale Puglia e Basilicata; Dipartimento di Bioscienze|Beaconlab (Bioinformatics)|Chiara|Italy

Australia|VIC3527|EPI_ISL_520276|Original|hCoV-19

Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

England|Human|MILK-ABB84E|EPI_ISL_631134|Original|hCoV-19

England|Human|Lighthouse Lab in Mil顿 Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Canada/BC_02185653/2020|2020-04-00|EPI_ISL_466719|Original|hCoV-19
>British Columbia/Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada
>Spikes|hCoV-19/Wales/PHWC-49DACA/2020|2020-12-08|EPI_ISL_742872|Original|hCoV-19
>Wales/Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spikes|hCoV-19/England/QEUH-A4D54A/2020|2020-10-05|EPI ISL_628603|Original|hCoV-19
>England/Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spikes|hCoV-19/South Africa/KRISP-0549/2020|2020-07-15|EPI_ISL_498088|Original|hCoV-19
>KwaZulu-Natal|Human|NHLS-ICALH|KRISP|de Oliveira|South Africa
>Spikes|hCoV-19/USA/LA-GBCL-26629200/2020|2020-04-23|EPI_ISL_485216|Original|hCoV-19
>Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA
>Spikes|hCoV-19/England/CAMC-B231EB/2020|2020-11-03|EPI_ISL_665029|Original|hCoV-19
>England/Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spikes|hCoV-19/USA/NY-NYCPHL-000357/2020|2020-03-11|EPI_ISL_631863|Original|hCoV-19
>New York/Human|Maimonides Medical Center|New York City Public Health Laboratory|Wang|USA
>Spikes|hCoV-19/Spain/CT-IBV-97009157/2020|2020-09-08|EPI_ISL_671823|Original|hCoV-19
>Catalunya|Hospital de la Santa Creu i Sant Pau. Servicio de Microbiologia|u00eda|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
>Spikes|hCoV-19/USA/LA-BIE-069/2020|2020-04-07|EPI_ISL_455622|Original|hCoV-19
>Louisiana|Human|Ochsner Health|Bioinfoexperts|Cross|USA
>Spikes|hCoV-19/England/QEUH-B12FB/2020|2020-11-01|EPI_ISL_641747|Original|hCoV-19
>England/Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spikes|hCoV-19/England/QEUH-B6819F/2020|2020-11-11|EPI_ISL_662288|Original|hCoV-19
>England/Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spikes|hCoV-19/England/ALDP-954268/2020|2020-06-13|EPI_ISL_554414|Original|hCoV-19
>England/Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/Wales/PHWC-486095/2020|2020-10-21|EPI_ISL_628306|Original|hCoV-19
>Wales/Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spikes|hCoV-19/USA/TX-HMH-MCoV-18622/2020|2020-11-20|EPI_ISL_784970|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spikes|hCoV-19/England/NORW-F9CAC/2020|2020-12-08|EPI_ISL_725439|Original|hCoV-19
>England/Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spikes|hCoV-19/USA/LA-GBCL-26629233/2020|2020-04-22|EPI_ISL_485229|Original|hCoV-19
>Wales/Human|Lighthouse Lab in Alderley Park|Ginkgo Bioworks Clinical Laboratory|Smith|USA
>Spikes|hCoV-19/England/ALDP-BC7A84/2020|2020-11-23|EPI_ISL_721428|Original|hCoV-19
>England/Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spikes|hCoV-19/Peru/ARE-UPCH-0016/2020|2020-03-19|EPI_ISL_540924|Original|hCoV-19
>Arequipa|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Genau00f3mica Microbiana|Tsukayama|Peru
>Spikes|hCoV-19/Sweden/20-50935/2020|2020-04-21|EPI ISL_475162|Original|hCoV-19
>Vasternorrland|Human|Klinisk mikrobiologi Vasternorrland|The Public Health Agency of Sweden|Svarstru00f6m|Sweden
>Spikes|hCoV-19/Wales/PHWC-163644/2020|2020-05-09|EPI ISL_473975|Original|hCoV-19
>Wales/Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spikes|hCoV-19/England/SHEF-C37E6/2020|2020-05-08|EPI_ISL_490590|Original|hCoV-19
>England/Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
Spike|hCoV-19^Australia|VIC3367/2020|2020-07-07|EPI_ISL_521046|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia  
Spike|hCoV-19^Brazil|PE-TAM158/2020|2020-04-09|EPI_ISL_500465|Original|hCoV-19^Pernambuco|Human|LACEN/PE|WallauLab|Wallau|Brazil  
Spike|hCoV-19^England/QEUH-AF570F/2020|2020-10-30|EPI_ISL_663005|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom  
Spike|hCoV-19^England/ALDP-B5C3F2/2020|2020-11-10|EPI_ISL_655776|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom  
Spike|hCoV-19^England/Austria/CeMM0699/2020|2020-05-15|EPI_ISL_583655|Original|hCoV-19^Austria|Human|Austrian Agency for Health and Food Safety (AGES)|Bergthaler laboratory|Bergthaler|Austria  
Spike|hCoV-19^India/GJ-GBRC343b/2020|2020-06-18|EPI_ISL_514585|Original|hCoV-19^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India  
Spike|hCoV-19^England/ALDP-9E6C5E/2020|2020-09-24|EPI_ISL_580458|Original|hCoV-19^England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom  
Spike|hCoV-19^England/ALDP/10C69BD/2020|2020-12-02|EPI_ISL_727869|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom  
Spike|hCoV-19^USA/UT-UPHL-2012776293/2020|2020-08-03|EPI_ISL_745750|Original|hCoV-19^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA  
Spike|hCoV-19^England/MILK-ACE49F/2020|2020-10-21|EPI_ISL_629136|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom  
Spike|hCoV-19^USA/TX-HMH-4450/2020|2020-06-19|EPI_ISL_543628|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA  
Spike|hCoV-19^USA/NY-WCMP10E02P/2020|2020-03-15|EPI_ISL_427569|Original|hCoV-19^New York|Human|NewYork-Presbyterian & Mason Lab|Mason Lab|Mason|USA  
Spike|hCoV-19^England/ALDP-95480C/2020|2020-06-09|EPI_ISL_555321|Original|hCoV-19^England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom  
Spike|hCoV-19^Canada/DCGC-10564/2020|2020-11-02|EPI_ISL_669473|Original|hCoV-19^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Maehlensen|Denmark  
Spike|hCoV-19^USA/MI-UM-10036501790/2020|2020-10-18|EPI_ISL_628860|Original|hCoV-19^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA  
Spike|hCoV-19^Chile/ALDP/127525/2020|2020-07-17|EPI_ISL_746600|Original|hCoV-19^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile  
Spike|hCoV-19^South Africa/KRISP-K002185/2020|2020-06-30|EPI_ISL_515584|Original|hCoV-19^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa  
Spike|hCoV-19^England/ALDP-B55DD4/2020|2020-11-13|EPI_ISL_674008|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom  
Spike|hCoV-19^England/12019024904/2020|2020-04-17|EPI ISL_465220|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom  
Spike|hCoV-19^England/ALDP-A2E21B/2020|2020-10-05|EPI_ISL_586645|Original|hCoV-19^England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom  
Spike|hCoV-19^USA/TX-HMH-7338/2020|2020-06-29|EPI_ISL_546685|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/CO-CDPHE-2010112562/2020|2020-10-08|EPI_ISL_710349|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA
>Spik|hCoV-19/USA/CA-ALSR-1889/2020|2020-05-20|EPI_ISL_512220|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spik|hCoV-19/England/MILK-9953C2/2020|2020-08-24|EPI_ISL_552260|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/USA/TX-HMH-3006/2020|2020-05-29|EPI_ISL_543927|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Lazarotte|USA
>Spik|hCoV-19/Italy/LAZ-TNMI-55/2020|2020-06-04|EPI_ISL_603162|Original|hCoV-19^^Lazio|Human|INMI Lazzaro Spallanzani IRCCS|INMI Lazzaro Spallanzani IRCCS|Gruber|Italy
>Spik|hCoV-19/England/ALDP-A93AEC/2020|2020-10-19|EPI_ISL_611084|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Scotland/QEUH-C543DB/2020|2020-12-12|EPI_ISL_757053|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/QEUH-9FFB82/2020|2020-10-02|EPI_ISL_600229|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Wales/PHWC-484A6C/2020|2020-10-23|EPI_ISL_628071|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom
>Spik|hCoV-19/USA/MN-MDH-1045/2020|2020-05-11|EPI_ISL_462890|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA
>Spik|hCoV-19/England/QEUH-96BA66/2020|2020-08-14|EPI_ISL_531311|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/QEUH-BCD778/2020|2020-11-26|EPI_ISL_704657|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Scotland/EDB1303/2020|2020-04-09|EPI_ISL_491584|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Australia/VIC17702/2020|2020-08-25|EPI_ISL_664002|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spik|hCoV-19/New Zealand/20VR2953/2020|2020-00-00|EPI_ISL_579373|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
>Spik|hCoV-19/England/MILK-B3D6C1/2020|2020-11-02|EPI_ISL_645421|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/ALDP-B5B88B/2020|2020-11-09|EPI_ISL_655335|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/USA/TX-HMH-MCoV-12848/2020|2020-08-19|EPI_ISL_788001|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19/England/CMAC-BC1CFD/2020|2020-11-22|EPI_ISL_703213|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spik|hCoV-19/Australia/VIC7857/2020|2020-07-30|EPI_ISL_564708|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19|USA-UN-WU-2139|2020-03-23|EPI_ISL_426078|Original|hCoV-19^^USA|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spikes|hCoV-19|England|BRIS-123561|2020-04-06|EPI_ISL_442756|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spikes|hCoV-19|England|QEUH-9FB4C7|2020-09-28|EPI_ISL_588237|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19|Latvia|076|2020-07-16|EPI_ISL_501823|Original|hCoV-19^^Latvia|Human|E. Gulbja Laboratorija|Latvian Biomedical Research and Study Centre|Zrelovs|Latvia

>Spikes|hCoV-19|Germany|NW-UBI-15|2020-04-14|EPI_ISL_602296|original|hCoV-19^^North Rhine-Westphalia|Human|Evangelisches Klinikum Bethel|Bielefeld University|Brandt|Germany

>Spikes|hCoV-19|Denmark|DGCC-21817|2020-12-21|EPI_ISL_758383|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Mikaelsen|Denmark

>Spikes|hCoV-19|England|ALDP-94CEE7|2020-06-15|EPI_ISL_555983|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19|Austria|CeMM0679|2020-03-31|EPI_ISL_583640|Original|hCoV-19^^Austria|Human|Austrian Agency for Health and Food Safety (AGES)|Berghaler laboratory|Berghaler|Austria

>Spikes|hCoV-19|Hong Kong|VM20041338|2020-07-14|EPI_ISL_523855|Original|hCoV-19^^Hong Kong|Human|Kwang Wah Hospital|Hong Kong Department of Health|Mak|China

>Spikes|hCoV-19|England|ALDP-B1A0CC|2020-11-02|EPI_ISL_645692|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19|Scotland|EDB1171|2020-04-07|EPI_ISL_433421|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) consortium|Williams|United Kingdom

>Spikes|hCoV-19|Japan|PG-6253|2020-08-00|EPI_ISL_689364|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spikes|hCoV-19|England|QEUH-B0E0F8|2020-11-02|EPI_ISL_642136|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19|England|BRIS-128DOA|2020-04-14|EPI_ISL_458866|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19|England|QEUH-C33008|2020-12-11|EPI_ISL_782537|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19|England|NORT-295851|2020-04-01|EPI_ISL_488516|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19|USA-CA-ALSR-0653-IPL|2020-04-30|EPI_ISL_483281|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA
Spike|hCoV-19|England/NORT-289137|2020-03-27|EPI_ISL_458694|Original|hCoV-19
^Washington|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/NORT-29D21F|2020-05-04|EPI_ISL_499508|Original|hCoV-19
^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust / COVID-19 Genomics UK (COG-UK) Consortium|Bashston|United Kingdom
Spike|hCoV-19|England/ALDP-B5D2D6|2020-11-09|EPI_ISL_678884|Original|hCoV-19
^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
Spike|hCoV-19|Senegal/620|2020-03-20|EPI_ISL_420078|Original|hCoV-19
^Thies|Human|Institut Pasteur Dakar|Institut Pasteur de Dakar|Dia|Senegal
Spike|hCoV-19|Switzerland/BL-UHB-24192815|2020-03-15|EPI_ISL_528130|Original|hCoV-19
^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland
Spike|hCoV-19|Scotland/CVR2249|2020-04-12|EPI_ISL_490676|Original|hCoV-19
^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA/TX-HMH-2797|2020-06-08|EPI_ISL_545560|Original|hCoV-19
^England|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|England/PORT-2F5F5A|2020-10-22|EPI_ISL_652624|Original|hCoV-19
^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) consortium|Robson|United Kingdom
Spike|hCoV-19|England/CAMB-1AD365|2020-04-25|EPI_ISL_489502|Original|hCoV-19
^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/CAMC-B20861|2020-11-01|EPI_ISL_647498|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Scotland/QEUH-9E54C0|2020-09-24|EPI_ISL_601020|Original|hCoV-19
^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/ALDP-A87896|2020-10-17|EPI_ISL_606281|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Scotland/GCVR-173A45|2020-04-07|EPI_ISL_459136|Original|hCoV-19
^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/QEUH-BC4498|2020-11-25|EPI_ISL_703643|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|India/OR-ILSCV28955|2020-05-22|EPI_ISL_463093|Original|hCoV-19
^Odisha|Human|Institute of Life Sciences|Immunogenomics lab|Raghav|India
Spike|hCoV-19|England/CAMC-B52E91|2020-11-09|EPI_ISL_657689|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA/UT-QDX-2217|2020-03-14|EPI_ISL_604588|Original|hCoV-19
^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
Spike|hCoV-19|USA/TX-HMH-4953|2020-06-21|EPI_ISL_544427|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|Canada/ON_MU-S306|2020-03-28|EPI_ISL_463979|Original|hCoV-19
^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
Spike|hCoV-19|Peru/LIM-UPCH-0041|2020-06-17|EPI_ISL_529077|Original|hCoV-19
^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen|u00f3mica Microbian|Tsukayama|Peru
Spike|hCoV-19|USA/WA-UW-1825|2020-03-22|EPI_ISL_424272|Original|hCoV-19
^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
Spike|hCoV-19/England/OEUH-98F2EC/2020|2020-08-28|EPI_ISL_540380|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Scotland/EDB3541/2020|2020-04-13|EPI_ISL_487961|Original|hCoV-19^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/GA-CDC-7402/2020|2020-10-22|EPI_ISL_681819|Original|hCoV-19^Georgia|Human|GA Department of Public Health Laboratory|Pathogen Discovery|Queen|USA
Spike|hCoV-19/Denmark/DGCC-2964/2020|2020-08-24|EPI_ISL_616726|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
Spike|hCoV-19/Germany/HH-hpi-p1815/2020|2020-03-22|EPI_ISL_776173|Original|hCoV-19^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany
Spike|hCoV-19/Singapore/1264/2020|2020-05-05|EPI_ISL_648748|Original|hCoV-19^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore
Spike|hCoV-19/Denmark/DGCC-15357/2020|2020-11-23|EPI_ISL_713501|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
Spike|hCoV-19/Jordan/SEARCH-5479/2020|2020-09-14|EPI_ISL_755259|Original|hCoV-19^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan
Spike|hCoV-19/Denmark/DGCC-13676/2020|2020-11-30|EPI_ISL_712952|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
Spike|hCoV-19/France/PAC-IHU-0334/2020|2020-04-01|EPI_ISL_569461|Original|hCoV-19^Provence-Alpes-Côte d'Azur|Human|MEPHI|MEPHI|Levasseur|France
Spike|hCoV-19/England/QUEH-AA00EC/2020|2020-10-22|EPI_ISL_630741|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/SHEF-D13D2/2020|2020-03-30|EPI_ISL_432628|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
Spike|hCoV-19/Belgium/ULG-10398/2020|2020-08-10|EPI_ISL_540565|Original|hCoV-19^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
Spike|hCoV-19/England/ALDP-B2628B/2020|2020-11-04|EPI_ISL_646577|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/England/MIILK-ACDDFF/2020|2020-10-21|EPI_ISL_630244|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Australia/VIC12801/2020|2020-07-27|EPI_ISL_592082|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19/England/PORT-2E9108/2020|2020-00-00|EPI_ISL_763515|Original|hCoV-19^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
Spike|hCoV-19/USA/TX-HMH-1815/2020|2020-05-16|EPI_ISL_542859|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/Oman/RESP-20-B-15173/2020|2020-05-21|EPI_ISL_518826|Original|hCoV-19^Muscat|Human|Oman-National Influenza Center|Biotechnology & OMICs Laboratory|Al Mahruqi|Oman
Spike|hCoV-19/Colombia/VAC-INS-81251/2020|2020-03-17|EPI_ISL_456139|Original|hCoV-19^Valle del Cauca|Human|Instituto Nacional de Salud - Unidad de Secuenciacion|u00f3n y An\u00e1lisis Gen\u00f3nico|Instituto Nacional de Salud|D\u00edaz|Colombia
>Spike|hCoV-19|England/MILK-B3BD64/2020|2020-11-01|EPI_ISL_679807|Original|hCoV-19|England|Human|Oxford Virolgy|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>hCoV-19|England/CAMB-1AB956/2020|2020-04-20|EPI_ISL_470216|Original|hCoV-19|England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>hCoV-19|England/MILK-9D4822/2020|2020-09-18|EPI_ISL_601701|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>hCoV-19|England/ALDP-AA3524/2020|2020-10-22|EPI_ISL_623878|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>hCoV-19|England/USA/CA-ZCB-1396/2020|2020-04-19|EPI_ISL_468378|Original|hCoV-19|California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA
>hCoV-19|England/USA/CAMB-0C467/2020|2020-10-30|EPI_ISL_643315|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>hCoV-19|England/USA/CAMB-13853/2020|2020-08-17|EPI_ISL_738623|Original|hCoV-19|California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA
>hCoV-19|Australia/VIC7881/2020|2020-08-10|EPI_ISL_564724|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>hCoV-19|Portugal/PT1893/2020|2020-11-10|EPI_ISL_732108|Original|hCoV-19|Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal
>hCoV-19|England/204441523/2020|2020-10-21|EPI_ISL_622879|Original|hCoV-19|England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>hCoV-19|England/20136087804/2020|2020-03-25|EPI_ISL_420910|Original|hCoV-19|England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>hCoV-19|Japan/PG-5271/2020|2020-08-08|EPI_ISL_690374|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>hCoV-19|England/ECMC-9BIC6B/2020|2020-09-04|EPI_ISL_566528|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>hCoV-19|England/Netherlands/ZH-EMC-283/2020|2020-06-19|EPI_ISL_523625|Original|hCoV-19|Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>hCoV-19|England/EXET-13603D/2020|2020-04-18|EPI_ISL_457190|Original|hCoV-19|England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>hCoV-19|Australia/VIC6246/2020|2020-07-20|EPI_ISL_518239|Original|hCoV-19|Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>hCoV-19|India/TG-CCMB-J220/2020|2020-04-01|EPI_ISL_450331|Original|hCoV-19|Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banan|India
>hCoV-19|USA/WA-UW-27501/2020|2020-09-03|EPI_ISL_570797|Original|hCoV-19|Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>hCoV-19|USA/UT-UPHL-201012960/2020|2020-06-22|EPI_ISL_594039|Original|hCoV-19|Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>hCoV-19|Spain/PS-IVB-98007685/2020|2020-09-14|EPI_ISL_582035|Original|hCoV-19|Basque Country|Human|Servicio de Microbiologia|00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>Spike|hCoV-19/England/OXON-B3BCF/2020|2020-03-25|EPI_ISL_534906|Original|hCoV-19\^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>SpickehCoV-19/USA/CA-CZB-3271/2020|2020-07-15|EPI_ISL_548314|Original|hCoV-19\^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>SpickehCoV-19/Denmark/DGCC-18378/2020|2020-12-07|EPI_ISL_749927|Original|hCoV-19\^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>SpickehCoV-19/Wales/PHWC-49EB6/2020|2020-12-08|EPI_ISL_743103|Original|hCoV-19\^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>SpickehCoV-19/Hong Kong/HKU-200723-059/2020|2020-03-21|EPI_ISL_497826|Original|hCoV-19\^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China

>SpickehCoV-19/Switzerland/BE-ETHZ-280236/2020|2020-09-10|EPI_ISL_560449|Original|hCoV-19\^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>SpickehCoV-19/France/ARA-SC392/2020|2020-03-30|EPI_ISL_645194|Original|hCoV-19\^Auvergne-Rhone-Alpes|Human|CHU Clermont-Ferrand|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>SpickehCoV-19/USA/MI-MDHHS-SC22564/2020|2020-11-09|EPI_ISL_737139|Original|hCoV-19\^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>SpickehCoV-19/Ireland/MN-NVRL-20IRL82803/2020|2020-10-05|EPI_ISL_639866|Original|hCoV-19\^Monaghan|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>SpickehCoV-19/Ireland/CO-NVRL-71IRL17107/2020|2020-07-09|EPI_ISL_500593|Original|hCoV-19\^Cork|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>SpickehCoV-19/Taiwan/CGMR-CGU-35/2020|2020-03-24|EPI_ISL_667808|Original|hCoV-19\^Taoyuan|Human|Laboratory Medicine|Department of Laboratory Medicine|Yi Chun|Taiwan

>SpickehCoV-19/England/QEUH-BC3B49/2020|2020-11-25|EPI_ISL_704002|Original|hCoV-19\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>SpickehCoV-19/Japan/PG-4887/2020|2020-08-00|EPI_ISL_690008|Original|hCoV-19\^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>SpickehCoV-19/Netherlands/ZE-EMC-60/2020|2020-00-00|EPI_ISL_523559|Original|hCoV-19\^Zeeland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>SpickehCoV-19/England/MILK-B04854/2020|2020-10-24|EPI_ISL_650922|Original|hCoV-19\^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>SpickehCoV-19/USA/WI-UW-512/2020|2020-05-31|EPI_ISL_484887|Original|hCoV-19\^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>SpickehCoV-19/England/ALDP-A94F0A/2020|2020-10-19|EPI_ISL_624617|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>SpickehCoV-19/England/HECH-2599EDA/2020|2020-05-06|EPI_ISL_482090|Original|hCoV-19\^England|Human|Microbiology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>SpickehCoV-19/USA/FL-BPHL-0245/2020|2020-05-01|EPI_ISL_480896|Original|hCoV-19\^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>SpickehCoV-19/Luxembourg/LNS0284262/2020|2020-10-13|EPI_ISL_739750|Original|hCoV-19\^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19|India|TG-CCMB-AB955|2020|2020-08-17|EPI_ISL_539742|Original|hCoV-19
^Telangana|Human|Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India
>Spike|hCoV-19|USA|MA-MGH-02814|2020|2020-09-24|EPI_ISL_765645|Original|hCoV-19
^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA
>Spike|hCoV-19|Australia|VIC12894|2020|2020-07-29|EPI_ISL_640618|Original|hCoV-19
^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19|Australia|VIC2341|2020|2020-07-04|EPI_ISL_520922|Original|hCoV-19
^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19|England|MILK-9515F9|2020|2020-09-18|EPI_ISL_637492|Original|hCoV-19
^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike|hCoV-19|USA|UT-UPHL-201015212|2020|2020-06-02|EPI_ISL_594032|Original|hCoV-19
^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19|Brazil|RJ-1065|2020|2020-04-01|EPI_ISL_456074|Original|hCoV-19
^Rio de Janeiro|Human|Laboratory of Respiratory Viruses and Measles|Laboratory of Respiratory Viruses and Measles|Silva|Brazil
>Spike|hCoV-19|England|CAMB-83DD1|2020|2020-04-25|EPI_ISL_438694|Original|hCoV-19
^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spike|hCoV-19|United Arab Emirates|0648|2020|2020-05-15|EPI_ISL_698804|Original|hCoV-19
^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodkzi|United Arab Emirates
>Spike|hCoV-19|Denmark|DCGC-20709|2020|2020-12-21|EPI_ISL_759318|Original|hCoV-19
^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Alberts Lab|Michaelisen|Denmark
>Spike|hCoV-19|USA|UT-UPHL-2012784062|2020|2020-11-30|EPI_ISL_746980|Original|hCoV-19
^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA
>Spike|hCoV-19|Luxembourg|LNS5111129|2020|2020-11-19|EPI_ISL_744186|Original|hCoV-19
^Luxembourg|Human|Laboratoire national de sant\’u00e9|Laboratoire national de sant\’u00e9|Chaussee-Baldacchino|Luxembourg
>Spike|hCoV-19|USA|MO-QDX-2612|2020|2020-03-14|EPI_ISL_604946|Original|hCoV-19
^Missouri|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19|England|QEUH-9B7861|2020|2020-09-08|EPI_ISL_590526|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England|2009906804|2020|2020-02-29|EPI_ISL_464213|Original|hCoV-19
^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19|England|QEUH-B7E406|2020|2020-11-14|EPI_ISL_661831|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|USA|CA-CZB-13409|2020|2020-09-02|EPI_ISL_672029|Original|hCoV-19
^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA
>Spike|hCoV-19|England|QEUH-9B6B6|2020|2020-08-17|EPI_ISL_531336|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England|NOTT-11029|2020|2020-04-11|EPI_ISL_441492|Original|hCoV-19
^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19|England|ALDP-BC7A66|2020|2020-11-23|EPI_ISL_721242|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|USA|TX-HMH-4178|2020|2020-06-18|EPI_ISL_54341|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Australia/VIC3181/2020|2020-07-07|EPI_ISL_520871|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>SpIke|hCoV-19/USA/CA-SEARCH-5387/2020|2020-12-01|EPI_ISL_755198|Original|hCoV-19^^California|Human|UCSD EXCITE lab|Andersen lab at Scripps Research|Gangavarapu|USA
>SpIke|hCoV-19/USA/MI-UW-2633/2021|2021-01-03|EPI_ISL_791149|Original|hCoV-19^^Michigan|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA
>SpIke|hCoV-19/England/QEUH-B12668/2020|2020-11-02|EPI_ISL_642547|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>SpIke|hCoV-19/England/ALDP-B75548/2020|2020-11-12|EPI_ISL_661962|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>SpIke|hCoV-19/England/ALDP-C3BCEE/2020|2020-12-11|EPI_ISL_731556|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>SpIke|hCoV-19/Northern Ireland/QEUH-8AC9A9/2020|2020-07-25|EPI_ISL_532763|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/Northern Ireland/QEUH-6060/2020|2020-12-08|EPI_ISL_775507|Original|hCoV-19^^Trondelag|Human|Department of Medical Microbiology|Norwegian Institute of Public Health|Vollan|Norway
>SpIke|hCoV-19/USA/IN-CDC-2006/2020|2020-03-09|EPI_ISL_452136|Original|hCoV-19^^Indiana|Human|IN State Department of Health Laboratory Services|Pathogen Discovery|Queen|USA
>SpIke|hCoV-19/England/ALDP-A873C2/2020|2020-10-17|EPI_ISL_606013|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/France/ARA-120170/2020|2020-12-15|EPI_ISL_745389|Original|hCoV-19^^Auvergne-Rhône-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France
>SpIke|hCoV-19/South Korea/KCDC2028/2020|2020-02-20|EPI_ISL_471444|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea
>SpIke|hCoV-19/Netherlands/NA_210/2020|2020-03-25|EPI_ISL_422745|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands
>SpIke|hCoV-19/England/MILK-C613F9/2020|2020-12-13|EPI_ISL_769478|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>SpIke|hCoV-19/England/LOND-DB332/2020|2020-11-13|EPI_ISL_724757|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>SpIke|hCoV-19/England/LIVE-DC496A/2020|2020-11-10|EPI_ISL_704028|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>SpIke|hCoV-19/Australia/VIC17308/2020|2020-00-00|EPI_ISL_663833|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>SpIke|hCoV-19/England/2019053704/2020|2020-04-04|EPI_ISL_466211|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>SpIke|hCoV-19/USA/MI-MDHHS-SC22631/2020|2020-12-01|EPI_ISL_737113|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>SpIke|hCoV-19/England/OXON-AFEDC/2020|2020-04-17|EPI_ISL_478835|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Goldbuchik|United Kingdom
>Spike|hCoV-19/Switzerland/GE-SNRCl-7699/2020|2020-03-00|EPI_ISL_548198|Original|hCoV-19^^Geneve|Human|Laboratoire de Virologie|Swiss National Reference Centre for Influenza|Gon\u00e7alves Cabecinhas|Switzerland
>Spicke|hCoV-19/USA/NV-NSPHL-A0065/2020|2020-04-02|EPI_ISL_515346|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA
>Spicke|hCoV-19/England/QEUH-A78045/2020|2020-10-14|EPI ISL 613354|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spicke|hCoV-19/Wales/PHWC-48D1F5/2020|2020-11-02|EPI_ISL_680590|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom
>Spicke|hCoV-19/Switzerland/FR-ETHZ-180008/2020|2020-06-29|EPI ISL 489964|Original|hCoV-19^^Fribourg|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spicke|hCoV-19/USA/NY-NYCPHL-000136/2020|2020-04-02|EPI ISL 631627|Original|hCoV-19^^New York|Human|Richmond University Medical Center|New York City Public Health Laboratory|Wang|USA
>Spicke|hCoV-19/England/BRIS-1285E4/2020|2020-04-17|EPI ISL 469731|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spicke|hCoV-19/Australia/VIC7618/2020|2020-07-22|EPI ISL 564534|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spicke|hCoV-19/Wales/PHWC-2A501/2020|2020-04-06|EPI ISL 445578|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spicke|hCoV-19/England/BIRM-67957/2020|2020-11-04|EPI ISL 650741|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spicke|hCoV-19/England/ALDP-9BC69F/2020|2020-09-09|EPI ISL 568002|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spicke|hCoV-19/USA/TX-DSHS-0193/2020|2020-05-11|EPI ISL 524071|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spicke|hCoV-19/Australia/VIC10216/2020|2020-08-26|EPI ISL 562826|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spicke|hCoV-19/Denmark/DGCC-13020/2020|2020-11-30|EPI ISL 712534|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spicke|hCoV-19/USA/MI-MDHHS-SC22553/2020|2020-11-09|EPI ISL 737106|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spicke|hCoV-19/Canada/QC-LSQP-L00232405/2020|2020-03-22|EPI ISL 535985|Original|hCoV-19^^Quebec|Human|\u00e9 hospita de Rouyn-Noranda|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada
>Spicke|hCoV-19/USA/MI-UM-10035733673/2020|2020-08-31|EPI ISL 583299|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>Spicke|hCoV-19/Portugal/PT1243/2020|2020-03-31|EPI ISL 511204|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSa) and Instituto Gulbenkian de Ciencia (IGC) | Instituto Nacional de Saude (INSa) and Instituto Gulbenkian de Ciencia (IGC) | Borges|Portugal
>Spicke|hCoV-19/Denmark/DCGC-18095/2020|2020-12-14|EPI ISL 749312|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19|England/MILK-A458FE/2020|2020-10-06|EPI_ISL_598553|Original|hCoV-19\^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19|England/DCGC-3983/2020|2020-09-14|EPI_ISL_615753|Original|hCoV-19\^England|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spik|hCoV-19|England/CMC-CF48FC/2020|2020-12-18|EPI ISL 781759|Original|hCoV-19\^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19|Australia/VIC13813/2020|2020-08-23|EPI ISL 561989|Original|hCoV-19\^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PH)|MDU-PH|Schultz|Australia
>Spik|hCoV-19|Germany/SH-ChVir8326/2020|2020-07-28|EPI ISL 729581|Original|hCoV-19\^Schleswig-Holstein|Human|A. Krumbholz|Charité\u00e9 Universit\u00e9|00e4tsmedizin Berlin|Muehlemann|Germany
>Spik|hCoV-19|Netherlands/Utrecht_25/2020|2020-03-12|EPI ISL 455293|Original|hCoV-19\^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnikin|Netherlands
>Spik|hCoV-19|England/BRIS-12920A/2020|2020-04-19|EPI ISL 458816|Original|hCoV-19\^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19|Germany/NW-HHU-334/2020|2020-10-13|EPI ISL 666628|Original|hCoV-19\^North Rhine-Westphalia|Human|ZOTZ KLINAS MVZ D\u00fcsseldorf-Centrum GBr\u00d7|00dcbAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany
>Spik|hCoV-19|USA/CA-CHLA-PLM24227074/2020|2020-11-06|EPI ISL 753281|Original|hCoV-19\^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA
>Spik|hCoV-19|Denmark/ALAB-HH-157/2020|2020-03-19|EPI ISL 452032|Original|hCoV-19\^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark
>Spik|hCoV-19|Japan/PG-8601/2020|2020-08-00|EPI ISL 686197|Original|hCoV-19\^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
>Spik|hCoV-19|England/ALDP-A66F2F/2020|2020-10-12|EPI ISL 630664|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19|Australia/WA453/2020|2020-10-30|EPI ISL 708747|Original|hCoV-19\^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia
>Spik|hCoV-19|England/QEUH-AD2BB4/2020|2020-10-25|EPI ISL 634090|Original|hCoV-19\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19|England/QEUH-AD550B/2020|2020-10-26|EPI ISL 633734|Original|hCoV-19\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19|Denmark/DGCC-16361/2020|2020-11-16|EPI ISL 714380|Original|hCoV-19\^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spik|hCoV-19|England/ALDP-A66CCE/2020|2020-10-12|EPI ISL 630584|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19|USA/WA-S1409/2020|2020-05-19|EPI ISL 495859|Original|hCoV-19\^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spik|hCoV-19|Nigeria/OS294-CV42/2020|2020-04-23|EPI ISL 487113|Original|hCoV-19\^Osun State|Human|Nigeria Centre for Disease Control (NCDC)|Redeemer's University|Olunyi|Nigeria
>Spik|hCoV-19|USA/AZ-TG648621/2020|2020-04-27|EPI ISL 695861|Original|hCoV-19\^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA
>Spik|hCoV-19|England/CAMB-1B5C32/2020|2020-08-17|EPI ISL 529659|Original|hCoV-19\^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
> Spike|hCoV-19|England|ALDP-9CD288|2020|2020-09-16|EPI_ISL_566418|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Scotland|OXON-F4157E|2020|2020-12-16|EPI_ISL_764571|Original|hCoV-19|Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
> Spike|hCoV-19|Denmark|DGCC-20054|2020|2020-12-07|EPI_ISL_747954|Original|hCoV-19|Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albersen Lab|Michaelsen|Denmark
> Spike|hCoV-19|England|CAMB-72133|2020|2020-03-28|EPI_ISL_439640|Original|hCoV-19|England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
> Spike|hCoV-19|Singapore|359|2020|2020-04-06|EPI_ISL_469114|Original|hCoV-19|Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
> Spike|hCoV-19|Latvia|045/2020|2020-03-22|EPI_ISL_486428|Original|hCoV-19|Latvia|Human|Latvijas Infektolo\u0123ijas centrs|Latvian Biomedical Research and Study Centre|Zrelovs|Latvia
> Spike|hCoV-19|Luxembourg|LNS1269461|2020|2020-12-29|EPI_ISL_771128|Original|hCoV-19|Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
> Spike|hCoV-19|Nigeria|AK-CV267|2020|2020-06-25|EPI_ISL_729951|Original|hCoV-19|Akwa-Ibom State|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria
> Spike|hCoV-19|Wales|PHWC-48BAOB|2020|2020-11-03|EPI_ISL_666312|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19|England|MILK-9AA38E|2020|2020-09-01|EPI_ISL_550961|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|United Arab Emirates|0506/2020|2020-05-18|EPI_ISL_698186|Original|hCoV-19|Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
> Spike|hCoV-19|Wales|PHWC-166FOA|2020|2020-06-27|EPI_ISL_494130|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19|Wales|MILK-9EEB3B|2020|2020-09-23|EPI_ISL_580850|Original|hCoV-19|Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|USA|MI-MDHHS-SC20750|2020|2020-04-29|EPI_ISL_471771|Original|hCoV-19|Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
> Spike|hCoV-19|England|ALDP-A85573|2020|2020-10-17|EPI_ISL_610397|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Japan|PG-5214/2020|2020-08-08|EPI_ISL_690317|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
> Spike|hCoV-19|Wales|PHWC-4A1DD9|2020|2020-12-12|EPI_ISL_743816|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19|England|QEUV-B0P78|2020|2020-11-02|EPI_ISL_641890|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|USA|UT-01607|2020|2020-04-06|EPI_ISL_449837|Original|hCoV-19|Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
> Spike|hCoV-19|England|QEUV-C33949|2020|2020-12-11|EPI_ISL_734096|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Sweden/20-53380/2020|2020-11-02|EPI_ISL_661300|Original|hCoV-19^\Varmland|Human|Laboratoriemedicin|The Public Health Agency of Sweden|Svartrstr\006f6m|Sweden

>Spik|hCoV-19/England/MILK-C3029C/2020|2020-12-07|EPI_ISL_782765|Original|hCoV-19^\England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spik|hCoV-19/Wales/PHWC-257F1/2020|2020-03-24|EPI_ISL_422175|Original|hCoV-19^\Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spik|hCoV-19/Scotland/QEUH-A61C1E/2020|2020-10-13|EPI_ISL_665311|Original|hCoV-19^\Scotland|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spik|hCoV-19/England/QEUH-A0B27E/2020|2020-10-01|EPI_ISL_599483|Original|hCoV-19^\England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spik|hCoV-19/England/CAMC-B08049/2020|2020-10-29|EPI_ISL_643593|Original|hCoV-19^\England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spik|hCoV-19/USA/MI-UM-2006S000971/2020|2020-03-29|EPI_ISL_484777|Original|hCoV-19^\Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Laborating Lab|Valesano|USA

>Spik|hCoV-19/USA/CA-CHLA-PLM88767481/2020|2020-11-30|EPI_ISL_753508|Original|hCoV-19^\California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spik|hCoV-19/Scotland/EDB2466/2020|2020-04-23|EPI_ISL_439216|Original|hCoV-19^\Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spik|hCoV-19/USA/WI-WSLH-200573/2020|2020-06-04|EPI_ISL_578685|Original|hCoV-19^\Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spik|hCoV-19/USA/TX-HMH-3162/2020|2020-06-09|EPI_ISL_544038|Original|hCoV-19^\Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spik|hCoV-19/Denmark/DCGC-7603/2020|2020-10-19|EPI_ISL_618550|Original|hCoV-19^\Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Miclielsen|Denmark

>Spik|hCoV-19/England/QEUH-B13AC5/2020|2020-11-02|EPI_ISL_641722|Original|hCoV-19^\England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spik|hCoV-19/USA/AZ-TG569523/2020|2020-07-13|EPI_ISL_695602|Original|hCoV-19^\Arizona|Human|AZ SPHL|TGen North|French|USA

>Spik|hCoV-19/USA/TX-HMH010/2020|2020-03-15|EPI_ISL_434721|Original|hCoV-19^\Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spik|hCoV-19/USA/TX-DHSH-1471/2020|2020-06-22|EPI_ISL_676068|Original|hCoV-19^\Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spik|hCoV-19/England/ALDP-BC63B7/2020|2020-11-20|EPI_ISL_721472|Original|hCoV-19^\England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spik|hCoV-19/England/QEUH-BCBD22D/2020|2020-11-26|EPI_ISL_704040|Original|hCoV-19^\England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spik|hCoV-19/England/OXON-B42AB/2020|2020-03-29|EPI_ISL_534944|Original|hCoV-19^\England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spik|hCoV-19/Wales/PHWC-4A5485/2020|2020-12-15|EPI_ISL_764870|Original|hCoV-19^\Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spiké|hCoV-19|Denmark/DCGC-10936/2020|2020-11-02|EPI_ISL_669481|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spiké|hCoV-19|England/SHEF-C1645/2020|2020-04-01|EPI_ISL_432727|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spiké|hCoV-19|Canada/ON-PHL-20-02317/2020|2020-09-00|EPI_ISL_671552|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada
>Spiké|hCoV-19|USA/TX-HMH-2281/2020|2020-05-11|EPI_ISL_545222|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spiké|hCoV-19|England/ALDP-B26018/2020|2020-11-04|EPI_ISL_646478|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spiké|hCoV-19|South Africa/KRISP-K002320/2020|2020-07-22|EPI_ISL_515696|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
>Spiké|hCoV-19|Scotland/QEUH-9983A1/2020|2020-08-26|EPI_ISL_568337|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiké|hCoV-19|England/ALDP-B9BCB45/2020|2020-09-09|EPI_ISL_573054|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spiké|hCoV-19|Singapore/346/2020|2020-04-08|EPI_ISL_469101|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
>Spiké|hCoV-19|Latvia/119/2020|2020-07-29|EPI_ISL_534208|Original|hCoV-19^^Latvia|Human|Centr\u0101|Laboratorija|Latvian Biomedical Research and Study Centre|Zrelovs|Latvia
>Spiké|hCoV-19|England/ALDP-B5C6F9/2020|2020-11-09|EPI_ISL_655784|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spiké|hCoV-19|England/CAMB-1AAC7C/2020|2020-04-19|EPI_ISL_470333|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiké|hCoV-19|Switzerland/ZH-ETHZ-100126/2020|2020-03-16|EPI_ISL_4517110|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spiké|hCoV-19|India/DL-NCCDC1514-CSIR-IGIB/2020|2020-05-17|EPI_ISL_482491|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Pandey|India
>Spiké|hCoV-19|USA/TX-HMH-MCoV-19094/2020|2020-11-23|EPI_ISL_783622|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spiké|hCoV-19|England/ALDP-CBF59C/2020|2020-12-20|EPI_ISL_760628|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spiké|hCoV-19|USA/WA-S1087/2020|2020-04-29|EPI_ISL_463577|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
>Spiké|hCoV-19|Wales/PHWC-486E9B/2020|2020-10-31|EPI_ISL_637452|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
>Spiké|hCoV-19|Scotland/EDB8913/2020|2020-10-28|EPI_ISL_652020|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/MILK-67113E/2020|2020-07-03|EPI_ISL_558001|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/PORT-2D40E5/2020|2020-08-18|EPI_ISL_529376|Original|hCoV-19|England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike|hCoV-19/Switzerland/BL-ETHZ-100010/2020|2020-03-05|EPI_ISL_466935|Original|hCoV-19|Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/England/LIVE-AA27B/2020|2020-03-23|EPI_ISL_517427|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/Japan/PG-1949/2020|2020-04-00|EPI_ISL_685555|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikuzuka|Japan
>Spike|hCoV-19/England/NORT-1887346/2020|2020-09-22|EPI_ISL_724976|Original|hCoV-19|England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/Basel/UCZSC315/2020|2020-04-17|EPI_ISL_649949|Original|hCoV-19|Baselland|Human|CHU de Saint-\u00c9tienne H\u00e9tel\-Universitaire|CNR Virus des Infections Respiratoires - France|SUD|Bal|France
>Spike|hCoV-19/England/NORW-E7351/2020|2020-04-19|EPI_ISL_449026|Original|hCoV-19|England|Human|Quadrum Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/Wales/PHWC-492500/2020|2020-11-18|EPI_ISL_706853|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Northern_Ireland/NIRE-FC429/2020|2020-04-12|EPI_ISL_459364|Original|hCoV-19|Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-96A5FD/2020|2020-08-13|EPI_ISL_531513|Original|hCoV-19|Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-D09DF/2020|2020-12-21|EPI_ISL_781398|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/MILK-A46BD6/2020|2020-10-06|EPI_ISL_609250|Original|hCoV-19|Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Canada/BC_04869329/2020|2020-04-00|EPI_ISL_466769|Original|hCoV-19|Canada|Human|BC Cen Raven Infectious Diseases Laboratory|BC Cen Raven Public Health Laboratory|Harrigan|Canada
>Spike|hCoV-19/Australia/NSW737/2020|2020-07-30|EPI_ISL_513380|Original|hCoV-19|New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spike|hCoV-19/USA/TX-HMH-1873/2020|2020-05-05|EPI_ISL_542887|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Wales/PHWC-48993E/2020|2020-10-27|EPI_ISL_652476|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom
>Spike|hCoV-19|England|20142025204|2020|2020-03-30|EPI_ISL_465936|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
> Spike|hCoV-19|England|LEED-2A8AOA|2020|2020-03-31|EPI_ISL_539034|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Canada/ON-OICR-SLB2848|2020|2020-04-04|EPI_ISL_583689|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Centre / Queen's University|Ontario Institute for Cancer Research|de Borja|Canada
> Spike|hCoV-19|Colombia/ATN-INS-02|2020|2020-04-14|EPI_ISL_563825|Original|hCoV-19^^Antioquia|Human|Instituto Nacional de Salud|Instituto Nacional de Salud|Franco-Muello|Colombia
> Spike|hCoV-19|Australia/NSW139|2020|2020-03-25|EPI_ISL_427795|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
> Spike|hCoV-19|England/MILK-9A9F30|2020|2020-08-31|EPI_ISL_550795|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|USA/OR-OHSU-2575|2020|2020-08-20|EPI_ISL_667255|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA
> Spike|hCoV-19|Japan/IC-0067|2020|2020-06-00|EPI_ISL_591409|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
> Spike|hCoV-19|Slovenia/4815|2020|2020-03-07|EPI_ISL_635208|Original|hCoV-19^^Slovenia|Human|Institute of Microbiology and Immunology|Institute of Microbiology and Immunology|Zakotnik|Slovenia
> Spike|hCoV-19|USA/MN-MDH-89|2020|2020-03-18|EPI_ISL_460071|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA
> Spike|hCoV-19|USA/TX-HMH-5316|2020|2020-06-25|EPI_ISL_544675|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19|USA/UT-UPHL-2009216|2020|2020-05-16|EPI_ISL_525216|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
> Spike|hCoV-19|Switzerland/BS-ETHZ-100352|2020|2020-03-19|EPI_ISL_574911|Original|hCoV-19^^Basel-Stadt|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
> Spike|hCoV-19|Wales/PHWC-4A04A8|2020|2020-12-06|EPI_ISL_743451|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19|Australia/VIC6415|2020|2020-07-23|EPI_ISL_521207|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19|USA/CA-CZB-13356|2020|2020-04-30|EPI_ISL_672054|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA
> Spike|hCoV-19|USA/LA-EVT1786|2020|2020-07-23|EPI_ISL_653477|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
> Spike|hCoV-19|England/PORT-2DC9A|2020|2020-04-24|EPI_ISL_475270|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
> Spike|hCoV-19|USA/TX-DSHS-1563|2020|2020-06-23|EPI_ISL_681845|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
> Spike|hCoV-19|England/CAMB-80B34|2020|2020-04-11|EPI_ISL_443006|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/England/EXET-13660E/2020|2020-04-27|EPI_ISL_457227|Original|hCoV-19^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/QEUVH-9DAC1/2020|2020-09-21|EPI_ISL_580937|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS2328941/2020|2020-07-29|EPI_ISL_740098|Original|hCoV-19^Luxembourg|Human|Laboratoire national de santé|Laboratoire national de santé|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Zimbabwe/ZW-7001/2020|2020-05-01|EPI_ISL_644809|Original|hCoV-19^Zimbabwe|Human|National Microbiology Reference Laboratory|Quadrant Institute Bioscience|Ali Khan|Zimbabwe

>Spike|hCoV-19/USA/TX-HMH-MCoV-19695/2020|2020-11-25|EPI_ISL_784049|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Hungary/UD-55641/2020|2020-08-31|EPI_ISL_671420|Original|hCoV-19^Hajduk00fa-Bihar county|Human|University of Debrecen|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/Denmark/ALAB-SS1449/2020|2020-03-25|EPI_ISL_429536|Original|hCoV-19^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Kirkegaard|Denmark

>Spike|hCoV-19/Denmark/DCGC-12753/2020|2020-11-09|EPI_ISL_682934|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-11517/2020|2020-08-02|EPI_ISL_625580|Original|hCoV-19^California|Human|NaN|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Australia/VIC7962/2020|2020-08-06|EPI_ISL_564773|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-UW-11338/2020|2020-06-22|EPI_ISL_570396|Original|hCoV-19^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/LIVE-DBZDBE/2020|2020-10-27|EPI_ISL_637972|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUVH-AF4CF2/2020|2020-10-30|EPI_ISL_663138|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-321357/2020|2020-10-13|EPI_ISL_603607|Original|hCoV-19^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/DRC/5187/2020|2020-05-03|EPI_ISL_513619|Original|hCoV-19^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Loki|Democratic Republic of the Congo

>Spike|hCoV-19/England/LIVE-A6075/2020|2020-03-21|EPI_ISL_499680|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMB-7922A/2020|2020-04-03|EPI_ISL_441793|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/CAMB-1AB21F/2020|2020-04-18|EPI_ISL_470241|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0384/2020|2020-05-15|EPI_ISL_698559|Original|hCoV-19^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodkowi|United Arab Emirates

>Spike|hCoV-19/Wales/PHWC-489B37/2020|2020-10-27|EPI_ISL_652457|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/MH-ACIITREC-416/2020|2020-07-30|EPI_ISL_700065|Original|hCoV-19^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/United Arab Emirates/0384/2020|2020-05-15|EPI_ISL_698559|Original|hCoV-19^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodkowi|United Arab Emirates

>Spike|hCoV-19/Wales/PHWC-489B37/2020|2020-10-27|EPI_ISL_652457|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/MH-ACIITREC-416/2020|2020-07-30|EPI_ISL_700065|Original|hCoV-19^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
>Spike|hCoV-19/USA/TX-HMH-MCoV-13510/2020|2020-08-22|EPI_ISL_788637|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Switzerland/BE-ETHZ-100369/2020|2020-03-19|EPI_ISL_574925|Original|hCoV-19^^England|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/England/ALDP-B26288/2020|2020-11-04|EPI_ISL_646642|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/NC_CAMC-A4217E/2020|2020-10-05|EPI_ISL_609481|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-B26288/2020|2020-11-04|EPI_ISL_646642|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC8132/2020|2020-08-04|EPI_ISL_564869|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/MLIK-BB24CA/2020|2020-11-18|EPI_ISL_720157|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Serbia/Subotica-016620604/2020|2020-04-05|EPI_ISL_676574|Original|hCoV-19^^Subotica|Human|Scientific Veterinary Institute Novi Sad|Veterinary Specialized Institute \Kraljevo|Vidanovic|Serbia
>Spike|hCoV-19/Netherlands/GE-RIVM-10378/2020|2020-10-01|EPI_ISL_636534|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spike|hCoV-19/USA/WI-UW-2225/2020|2020-10-26|EPI_ISL_677628|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories
>Spike|hCoV-19/USA/MA-QDX-1928/2020|2020-03-15|EPI_ISL_604256|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/Norway/2969/2020|2020-07-24|EPI_ISL_549096|Original|hCoV-19^^Oslo|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Kopperud Riis|Norway
>Spike|hCoV-19/Wales/PHWC-4A1F88/2020|2020-12-13|EPI_ISL_743837|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/ALDP-A70951/2020|2020-10-14|EPI_ISL_608265|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-13668/2020|2020-11-30|EPI_ISL_712330|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Japan/2020-04-00|EPI_ISL_684433|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/USA/MA-QDX-145/2020|2020-03-14|EPI_ISL_467853|Original|hCoV-19^^Massachusetts|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/Australia/QLD1264/2020|2020-03-25|EPI_ISL_693226|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia
>Spike|hCoV-19/England/QEUH-9F56F4/2020|2020-09-27|EPI_ISL_588900|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike | hCoV-19/Japan/PG-2145/2020 | 2020-04-00 | EPI_ISL_685750 | Original | hCoV-19 | Japan | Human | Pathogen Genomics Center | Pathogen Genomics Center | Sekizuka | Japan

> Spike | hCoV-19/England/205020353/2020 | 2020-12-07 | EPI_ISL_723038 | Original | hCoV-19 | England | Human | Respiratory Virus Unit | COVID-19 Genomics UK (COG-UK)

> Consortium | Platt | United Kingdom

> Spike | hCoV-19/USA/M-MA-GH-00639/2020 | 2020-04-03 | EPI_ISL_460327 | Original | hCoV-19 | Massachusetts | Human | Massachusetts General Hospital | Infectious Disease Program | Lemieux | USA

> Spike | hCoV-19/USA/FL-BPHL-0226/2020 | 2020-04-22 | EPI_ISL_480877 | Original | hCoV-19 | Florida | Human | Florida Bureau of Public Health Laboratories | Florida Bureau of Public Health Laboratories | Blanton | USA

> Spike | hCoV-19/Australia/QLD1256/2020 | 2020-03-23 | EPI_ISL_693259 | Original | hCoV-19 | Australia | Human | unknown | Public Health Virology Laboratory | Nguyen | Australia

> Spike | hCoV-19/Wales/PHWC-4801C5/2020 | 2020-10-22 | EPI_ISL_612185 | Original | hCoV-19 | Wales | Human | Wales Specialist Virology Centre Sequencing lab | COVID-19 Genomics UK (COG-UK) Consortium | Moore | United Kingdom

> Spike | hCoV-19/Japan/PG-6154/2020 | 2020-08-00 | EPI_ISL_689266 | Original | hCoV-19 | Japan | Human | Pathogen Genomics Center | Pathogen Genomics Center | Sekizuka | Japan

> Spike | hCoV-19/USA/OR-OHSU-0052/2020 | 2020-04-18 | EPI_ISL_437532 | Original | hCoV-19 | Oregon | Human | OHSU Lab Services Molecular Microbiology Lab | Oregon SARS-CoV-2 Genome Sequencing Center | O’Roak | USA

> Spike | hCoV-19/USA/CT-UW-3465/2020 | 2020-03-26 | EPI_ISL_490986 | Original | hCoV-19 | Connecticut | Human | UW Virology Lab | UW Virology Lab | Roychoudhury | USA

> Spike | pet | hCoV-19/England/QEUH-C3434A/2020 | 2020-12-10 | EPI_ISL_734088 | Original | hCoV-19 | England | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom

> Spike | hCoV-19/USA/MA QEUH-2669/2020 | 2020-08-11 | EPI_ISL_745948 | Original | hCoV-19 | Washington | Human | Washington State Department of Health | Seattle Flu Study | Bedford | USA

> Spike | hCoV-19/Switzerland/ZH-ETHZ-260028/2020 | 2020-08-22 | EPI_ISL_539362 | Original | hCoV-19 | Zurich | Human | Viollier AG | Department of Biosystems Science and Engineering | Nadeau | Switzerland

> Spike | hCoV-19/Italy/SAR-ASSL-05/2020 | 2020-04-03 | EPI_ISL_614398 | Original | hCoV-19 | Sardinia | Human | Laboratory Biologia Molecolare Sars Cov2 - UOC Laboratorio Analisi - Servizio Medicina di Laboratorio | Laboratory specializzato UOC Ematologia - Ospedale \San Francesco\ | ATS-ASSL Nuoro | Piras | Italy

> Spike | hCoV-19/USA/UT-UPHL-2012220465/2020 | 2020-08-11 | EPI_ISL_745948 | Original | hCoV-19 | Utah | Human | Ginkgo Bioworks Clinical Laboratory | Utah Public Health Laboratory | Young | USA

> Spike | hCoV-19/USA/WI-UW-2669/2020 | 2020-12-31 | EPI_ISL_791182 | Original | hCoV-19 | Wisconsin | Human | University of Wisconsin-Madison AIDS Vaccine Research Laboratories | University of Wisconsin-Madison AIDS Vaccine Research Laboratories | Moreno | USA

> Spike | hCoV-19/USA/IL-UW-MAYO4/2020 | 2020-03-20 | EPI_ISL_501076 | Original | hCoV-19 | Illinois | Human | Mayo Clinic Laboratories | University of Washington Virology Lab | Roychoudhury | USA
>Spike|hCoV-19|USA/UT-03904/2020|2020-04-13|EPI_ISL_470560|Original|hCoV-19
>Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spice|hCoV-19/England/ALDP-A6CD69/2020|2020-10-15|EPI_ISL_608309|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spice|hCoV-19/USA/TX-HMH-5803/2020|2020-06-29|EPI_ISL_547025|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spice|hCoV-19/England/NORT-28256F/2020|2020-03-26|EPI_ISL_488609|Original|hCoV-19
>England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spice|hCoV-19/Japan/PG=7651/2020|2020-08-00|EPI_ISL_686753|Original|hCoV-19
>Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spice|hCoV-19/England/20094061404/2020|2020-02-25|EPI_ISL_464185|Original|hCoV-19
>England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spice|hCoV-19/Denmark/DGCC-3714/2020|2020-08-31|EPI_ISL_615492|Original|hCoV-19
>Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spice|hCoV-19/Wales/PHWC-487674/2020|2020-10-30|EPI_ISL_639225|Original|hCoV-19
>Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spice|hCoV-19/USA/UT-08371/2020|2020-05-13|EPI_ISL_524154|Original|hCoV-19
>Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spice|hCoV-19/England/QEUH-B41A91/2020|2020-11-08|EPI_ISL_658646|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spice|hCoV-19/England/SHEF-CBDCF/2020|2020-04-19|EPI_ISL_490621|Original|hCoV-19
>England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spice|hCoV-19/Belgium/rega-0414479/2020|2020-04-14|EPI_ISL_476989|Original|hCoV-19
>Belgium|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spice|hCoV-19/England/MILK-BACDC8/2020|2020-11-17|EPI_ISL_681409|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spice|hCoV-19/England/CAMC-A655B5/2020|2020-10-11|EPI_ISL_608417|Original|hCoV-19
>England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spice|hCoV-19/Japan/PG=5441/2020|2020-08-00|EPI_ISL_690544|Original|hCoV-19
>Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spice|hCoV-19/England/NORT-111C8F/2020|2020-06-04|EPI_ISL_472392|Original|hCoV-19
>England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spice|hCoV-19/USA/AK-OHSU-1669/2020|2020-07-22|EPI_ISL_525802|Original|hCoV-19
>Alaska|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spice|hCoV-19/USA/MI-QDX-304/2020|2020-03-22|EPI_ISL_571048|Original|hCoV-19
>Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spice|hCoV-19/England/2015083604/2020|2020-04-07|EPI_ISL_466272|Original|hCoV-19
>England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spice|hCoV-19/USA/MA-MGH-00801/2020|2020-04-13|EPI_ISL_791772|Original|hCoV-19
>Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spice|hCoV-19/Scotland/QEUH-AIE120/2020|2020-10-01|EPI_ISL_598866|Original|hCoV-19
>Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spice|hCoV-19/England/MILK-CA6941/2020|2020-12-18|EPI_ISL_761439|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|France/OCC-36/2020|2020-06-10|EPI_ISL_591544|Original|hCoV-19^>Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F|u00e9|v00e9ratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut F|u00e9|v00e9ratif de Biologie|Hamburg|Human|University Medicine Hamburg - Eppendorf Eppendorf-|\n>\n>Spike|hCoV-19|USA/TX-HMH-5514/2020|2020-06-25|EPI_ISL_544837|Original|hCoV-19^>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital Long|USA|\n>\n>Spike|hCoV-19|England/LOND-DA8BC/2020|2020-11-14|EPI_ISL_724667|Original|hCoV-19^>England|Human|University College London COVID Genomics UK (COG-UK) Consortium|Roy|United Kingdom|\n>\n>Spike|hCoV-19|India/MH-CTREC-113/2020|2020-05-25|EPI_ISL_699769|Original|hCoV-19^>Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India|\n>\n>Spike|hCoV-19|USA/TX-HMH-MCOV-15087/2020|2020-10-14|EPI_ISL_786571|Original|hCoV-19^>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital Long|USA|\n>\n>Spike|hCoV-19|USA/WA-S2874/2020|2020-09-22|EPI_ISL_596405|Original|hCoV-19^>Washington|Human|Seattle Flu Study|Seattle Flu Study Lee|USA|\n>\n>Spike|hCoV-19|Denmark/DGCC-5954/2020|2020-10-05|EPI_ISL_620219|Original|hCoV-19^>Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark|\n>\n>Spike|hCoV-19|England/MILK-BBIFAC/2020|2020-11-18|EPI_ISL_720199|Original|hCoV-19^>England|Human|Lighthouse Lab in Milton Keynes Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom|\n>\n>Spike|hCoV-19|Scotland/CVR3534/2020|2020-05-14|EPI_ISL_473672|Original|hCoV-19^>Scotland|Human|West of Scotland Specialist Virology Centre COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom|\n>\n>Spike|hCoV-19|Ireland/KE-NVRL-761RL26703/2020|2020-10-18|EPI_ISL_732481|Original|hCoV-19^>Kildare|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland|\n>\n>Spike|hCoV-19|Wales/PHWC-4962P6/2020|2020-11-26|EPI_ISL_726561|Original|hCoV-19^>Wales|Human|Originating lab COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom|\n>\n>Spike|hCoV-19|England/205260396/2020|2020-12-19|EPI_ISL_766521|Original|hCoV-19^>England|Human|Respiratory Virus Unit COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom|\n>\n>Spike|hCoV-19|USA/FL-BPHL-2035/2020|2020-07-13|EPI_ISL_653188|Original|hCoV-19^>Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA|\n>\n>Spike|hCoV-19|Australia/VIC276/2020|2020-03-22|EPI_ISL_419969|Original|hCoV-19^>Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDLR)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory Schultze|Australia|\n>\n>Spike|hCoV-19|USA/MS-CDC-2-3693768/2020|2020-11-04|EPI_ISL_747102|Original|hCoV-19^>Mississippi|Human|Respiratory Viruses Branch|Respiratory Viruses Branch Queen|USA|\n>\n>Spike|hCoV-19|Northern Ireland/NIRE-109640/2020|2020-10-22|EPI_ISL_680209|Original|hCoV-19^>Northern Ireland|Human|Regional Virus Laboratory COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom|\n>\n>Spike|hCoV-19|India/MH-NIV-229898/2020|2020-09-28|EPI_ISL_577709|Original|hCoV-19^>Maharashtra|Human|NIV Influenza NIV Influenza Potdar|India|\n>\n>Spike|hCoV-19|Germany/HH-hpi-p1825/2020|2020-03-22|EPI_ISL_775660|Original|hCoV-19^>Hamburg|Human|University Medical Center Hamburg Eppendorf Heinrich Pette Institute|Robitaille|Germany
>Spike|hCoV-19/England/ALDP-C8B863/2020|2020-12-16|EPI_ISL_756602|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW518/2020|2020-05-05|EPI_ISL_455058|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/NJ-QDX-1887/2020|2020-03-15|EPI_ISL_604230|Original|hCoV-19^^New Jersey|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/PHWC-30ADC/2020|2020-04-10|EPI_ISL_446319|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-259/2020|2020-06-18|EPI_ISL_523601|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMC-B79E94/2020|2020-11-12|EPI_ISL_741057|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Ireland/LH-NVRL-201ILR0820/2020|2020-11-09|EPI_ISL_732429|Original|hCoV-19^^Louth|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Wales/PHWC-4963D5/2020|2020-11-20|EPI_ISL_726574|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-1B6DB6/2020|2020-10-13|EPI_ISL_612281|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/QEUH-B117B1/2020|2020-11-02|EPI_ISL_642330|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0450/2020|2020-06-06|EPI_ISL_541985|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/WA-S96/2020|2020-02-28|EPI_ISL_417149|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Thailand/Bangkok_237/2020|2020-01-25|EPI_ISL_447912|Vero P2|hCoV-19^^Bangkok|Human|National Institute of Health, Department of Medical Sciences|Okada|Thailand

>Spike|hCoV-19/Australia/VIC5012/2020|2020-07-16|EPI_ISL_519816|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUH-A0B19F/2020|2020-10-01|EPI_ISL_599479|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9F3122/2020|2020-09-24|EPI_ISL_600799|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DGCC-16340/2020|2020-11-16|EPI_ISL_714713|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsens Lab|Michaelesen|Denmark

>Spike|hCoV-19/Australia/VIC6477/2020|2020-07-23|EPI_ISL_521255|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/PORT-2D45D7/2020|2020-09-07|EPI_ISL_577219|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-253EE/2020|2020-03-23|EPI_ISL_420989|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/New Zealand/20VR3792/2020|2020-00-00|EPI_ISL_548135|Original|hCoV-19
^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
>Spike|hCoV-19/Netherlands/NA_529/2020|2020-04-08|EPI_ISL_460702|Original|hCoV-19
^England|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/England/ALDP-A68628/2020|2020-10-12|EPI_ISL_630636|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-15077/2020|2020-11-23|EPI_ISL_713293|Original|hCoV-19
^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/ALDP-A66C37/2020|2020-10-12|EPI_ISL_630485|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/CA-CZB-3725/2020|2020-07-21|EPI_ISL_548386|Original|hCoV-19
^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA
>Spike|hCoV-19/Canada/MB-NML-616/2020|2020-03-27|EPI_ISL_582288|Original|hCoV-19
^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Major|Canada
>Spike|hCoV-19/Luxembourg/LNS3499824/2020|2020-11-10|EPI_ISL_740321|Original|hCoV-19
^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/England/ALDP-A66C37/2020|2020-10-12|EPI_ISL_630485|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/CA-CZB-1649/2020|2020-04-17|EPI_ISL_468593|Original|hCoV-19
^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|McGeever|USA
>Spike|hCoV-19/Wales/PHWC-2BF11/2020|2020-04-08|EPI_ISL_445869|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moores|United Kingdom
>Spike|hCoV-19/Scotland/QEUH-BCCB70/2020|2020-11-26|EPI_ISL_710795|Original|hCoV-19
^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-BB98A9/2020|2020-11-20|EPI_ISL_702788|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/OXON-B4B19/2020|2020-04-23|EPI_ISL_534994|Original|hCoV-19
^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/USA/ME-HETL-J0379/2020|2020-12-11|EPI_ISL_755498|Original|hCoV-19
^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA
>Spike|hCoV-19/England/QEUH-9F3061/2020|2020-09-24|EPI_ISL_600801|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Finland/22SS12E11/2020|2020-09-22|EPI_ISL_757391|Original|hCoV-19
^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland
>Spike|hCoV-19/England/CAMC-B33E69/2020|2020-11-05|EPI_ISL_659324|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WA1/2020|2020-01-19|EPI_ISL_404895|Original|hCoV-19
^Washington|Human|Providence Regional Medical Center|Division of Viral Diseases|Lindstrom|USA
>Spike|hCoV-19|Scotland/QEUH-9D0CB1/2020|2020-09-16|EPI_ISL_601793|Original|hCoV-19|Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiek|hCoV-19|England/ALDP-B5BA76/2020|2020-11-09|EPI_ISL_655336|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spiek|hCoV-19|Denmark/DGCC-13681/2020|2020-11-30|EPI_ISL_712957|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelersen|Denmark
>Spiek|hCoV-19|USA/NY-Wadsworth-125467-01/2020|2020-05-30|EPI_ISL_676702|Original|hCoV-19|New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
>Spiek|hCoV-19|Sweden/20-06918/2020|2020-04-06|EPI_ISL_475537|Original|hCoV-19|Vastra Gotaland|Human|Narlhalsan Oden VC|The Public Health Agency of Sweden|Svarström\006m|Sweden
>Spiek|hCoV-19|USA/TX-HMH-MCoV-16342/2020|2020-11-02|EPI_ISL_786026|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spiek|hCoV-19|USA/MN-MDH-2221/2020|2020-12-10|EPI_ISL_770795|Original|hCoV-19|Minnesota|Human|Department of Health|Minnesota Department of Health|Lorentz|USA
>Spiek|hCoV-19|USA/NV-NSPHL-A0085/2020|2020-04-13|EPI_ISL_515362|Original|hCoV-19|Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA
>Spiek|hCoV-19|England/MILK-ACC288/2020|2020-10-21|EPI_ISL_629430|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiek|hCoV-19|USA/Bahrain/340861274_S26/2020|2020-10-14|EPI_ISL_632256|Original|hCoV-19|Bahrain|Human|Communicable Disease Laboratory|Communicable Disease Laboratory|Altaif|Bahrain
>Spiek|hCoV-19|Japan/PG-8903/2020|2020-09-09|EPI_ISL_686449|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
>Spiek|hCoV-19|USA/TX-HMH-MCoV-14685/2020|2020-10-12|EPI_ISL_787970|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spiek|hCoV-19|USA/WI-GMF-09008/2020|2020-07-03|EPI_ISL_489940|Original|hCoV-19|Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA
>Spiek|hCoV-19|England/ALDP-9BEBE9/2020|2020-09-09|EPI_ISL_568026|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiek|hCoV-19|Germany/NW-HHU-303/2020|2020-10-05|EPI_ISL_631306|Original|hCoV-19|North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\006csdorfer-Centrum Gbr \006cBAG f\006c|Labormedizin|Center of Medical Microbiology|Wienemann|Germany
>Spiek|hCoV-19|USA/IL-MMN017/2020|2020-03-21|EPI_ISL_444600|Original|hCoV-19|Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA
>Spiek|hCoV-19|England/NORW-EF91B/2020|2020-10-09|EPI_ISL_584717|Original|hCoV-19|England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Ali Khan|United Kingdom
>Spiek|hCoV-19|Denmark/DGCC-849/2020|2020-05-04|EPI_ISL_614789|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelersen|Denmark
>Spiek|hCoV-19|Belgium/rega-0802776/2020|2020-08-02|EPI_ISL_734876|Original|hCoV-19|Nijlen|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Spiek|hCoV-19|USA/MD-MDH-0139/2020|2020-07-09|EPI_ISL_524902|Original|hCoV-19|Maryland|Human|MD PH|MD PHL|Keller|USA
>Spiek|hCoV-19|Scotland/EDBB487/2020|2020-10-18|EPI_ISL_612371|Original|hCoV-19|Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
>Spike|hCoV-19\^England\NOTT-10P923/2020\2020-04-05|EPI\_ISL\_433061|Original|hCoV-19\^England|Human|Queens Medical Centre\COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spik|hCoV-19\^England\BIRM-6A9FA/2020\2020-11-11|EPI\_ISL\_651637|Original|hCoV-19\^England|Human|University of Birmingham\COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spik|hCoV-19\^England\ALDP-A4FC25/2020\2020-10-07|EPI\_ISL\_597658|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park\Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium\Davies|United Kingdom

>Spik|hCoV-19\^South Korea\KDCA0448/2020\2020-11-16|EPI\_ISL\_760232|Original|hCoV-19\^South Korea|Human|Division of Emerging Infectious Diseases\Division of Emerging Infectious Diseases|Park|South Korea

>Spik|hCoV-19\^Denmark\DGCC-681/2020\2020-10-12|EPI\_ISL\_619508|Original|hCoV-19\^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics\Albertsen lab\Michaelsen|Denmark

>Spik|hCoV-19\^England\CAMC-CF4B5D/2020\2020-12-21|EPI\_ISL\_781531|Original|hCoV-19\^England|Human|Lighthouse Lab in Cambridge\Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium\Davies|United Kingdom

>Spik|hCoV-19\^USA\TX-HMH-294/2020\2020-06-08|EPI\_ISL\_543877|Original|hCoV-19\^Texas|Human|Houston Methodist Hospital\Houston Methodist Hospital|Long|USA

>Spik|hCoV-19\^England\QUEUH-96C546/2020\2020-08-13|EPI\_ISL\_530933|Original|hCoV-19\^England|Human|Lighthouse Lab in Glasgow\Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium\Davies|United Kingdom

>Spik|hCoV-19\^England\QUEUH-96OF17/2020\2020-08-04|EPI\_ISL\_532135|Original|hCoV-19\^England|Human|Lighthouse Lab in Glasgow\Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium\Davies|United Kingdom

>Spik|hCoV-19\^USA\CA-IGI-0060/2020\2020-05-28|EPI\_ISL\_511815|Original|hCoV-19\^California|Human|Innovative Genomics Institute|Innovative Genomics Institute\Wyman|USA

>Spik|hCoV-19\^England\MILK-A7C07E/2020\2020-10-15|EPI\_ISL\_606340|Original|hCoV-19\^England|Human|Lighthouse Lab in Milton Keynes\Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium\Davies|United Kingdom

>Spik|hCoV-19\^Australia\VIC5033/2020\2020-07-17|EPI\_ISL\_519837|Original|hCoV-19\^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL\Schultz|Australia

>Spik|hCoV-19\^USA\LA-SR0280/2020\2020-04-01|EPI\_ISL\_445135|Original|hCoV-19\^Louisiana|Human|Robert Garry lab\Andersen lab at Scripps Research\Gangavarapu|USA

>Spik|hCoV-19\^France\ARA-SC408/2020\2020-04-26|EPI\_ISL\_660367|Original|hCoV-19\^Auvergne-Rh\^\_\_00f4ne-Alpes|Human|CHU Clermont-Ferrand\CNR Virus des Infections Respiratoires - France|SUD\Bal|France

>Spik|hCoV-19\^Denmark\DGCC-4171/2020\2020-09-14|EPI\_ISL\_621991|Original|hCoV-19\^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics\Albertsen lab\Michaelsen|Denmark

>Spik|hCoV-19\^Russia\Novosibirsk-RII27320S/2020\2020-05-25|EPI\_ISL\_507213|Original|hCoV-19\^Novosibirsk|Human|Department of Experimental Modeling and Pathogenesis of Infectious Diseases|WHO National Influenza Centre Russian Federation\Komissarov|Russia

>Spik|hCoV-19\^England\MILK-9C2CFE/2020\2020-09-10|EPI\_ISL\_566670|Original|hCoV-19\^England|Human|Lighthouse Lab in Milton Keynes\Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium\Davies|United Kingdom

>Spik|hCoV-19\^Scotland\CVR1215/2020\2020-03-31|EPI\_ISL\_438774|Original|hCoV-19\^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium\Robertson|United Kingdom

>Spik|hCoV-19\^USA\FL-BPHL-1376/2020\2020-07-21|EPI\_ISL\_541313|Original|hCoV-19\^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spik|hCoV-19\^Wales\PHWC-4885A3/2020\2020-11-02|EPI\_ISL\_639410|Original|hCoV-19\^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/England/LIVE-9E070/2020|2020-04-02|EPI_ISL_453264|Original|hCoV-19
^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

Spike|hCoV-19/USA/TX-HMH-MCoV-10888/2020|2020-07-05|EPI_ISL_789671|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19/England/BRIS-125C00/2020|2020-03-29|EPI_ISL_443690|Original|hCoV-19
^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

Spike|hCoV-19/Denmark/DGCC-13117/2020|2020-11-30|EPI_ISL_712592|Original|hCoV-19
^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

Spike|hCoV-19/England/CAMC-AAF79B/2020|2020-10-23|EPI_ISL_631137|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/USA/FI-BPHL-1948/2020|2020-04-10|EPI_ISL_653101|Original|hCoV-19
^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

Spike|hCoV-19/England/MILK-A22C82/2020|2020-10-03|EPI_ISL_611947|Original|hCoV-19
^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

Spike|hCoV-19/England/ALDP-4FA3FD/2020|2020-06-24|EPI_ISL_559120|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/USA/LA-EVTL1208/2020|2020-12-14|EPI_ISL_768477|Original|hCoV-19
^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

Spike|hCoV-19/England/LIVE-9993E/2020|2020-04-08|EPI_ISL_439775|Original|hCoV-19
^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

Spike|hCoV-19/England/LIVE-DCB426/2020|2020-11-23|EPI_ISL_724404|Original|hCoV-19
^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

Spike|hCoV-19/Denmark/DGCC-19910/2020|2020-12-07|EPI_ISL_747861|Original|hCoV-19
^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

Spike|hCoV-19/Denmark/DGCC-5803/2020|2020-09-28|EPI_ISL_620990|Original|hCoV-19
^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

Spike|hCoV-19/USA/TX-HMH-MCoV-11172/2020|2020-09-02|EPI_ISL_789722|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19/India/MH-NIV-80231/2020|2020-06-25|EPI_ISL_541745|Original|hCoV-19
^Maharashtra|Human|National Institute of Virology|National Institute of Virology|Potdar|India

Spike|hCoV-19/USA/CA-CZB-2168/2020|2020-05-24|EPI_ISL_513718|Original|hCoV-19
^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

Spike|hCoV-19/England/MILK-B96523/2020|2020-11-14|EPI_ISL_675035|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/England/QEIH-9F713D/2020|2020-09-27|EPI_ISL_595665|Original|hCoV-19
^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

Spike|hCoV-19/England/QEIH-A22499/2020|2020-10-01|EPI_ISL_587678|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Wales/PHWC-489180/2020|2020-10-26|EPI_ISL_639543|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19/Wales/PHWC-489180/2020|2020-10-26|EPI_ISL_639543|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Consortium|Goodfellow|United Kingdom
19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK)
Consortium|Robson|United Kingdom
19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK)
Consortium|Haldenby|United Kingdom
19^^Kildare|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark/Walsh/Ireland
19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK)
Consortium|Goodfellow|United Kingdom
> Spike|hCoV-19|Germany|HH-hpi-p2071|2020|2020-03-20|EPI_ISL_776347|Original|hCoV-19^|Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

> Spike|hCoV-19|USA|AZ-TG637293|2020|2020-07-27|EPI_ISL_695722|Original|hCoV-19^|Arizona|Human|AZ SPHL|TGen North|French|USA

> Spike|hCoV-19|England|QEUVH-B9E093|2020|2020-11-18|EPI_ISL_721057|Original|hCoV-19^|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19|Wales|PHWC-3125B|2020|2020-04-10|EPI_ISL_446426|Original|hCoV-19^|Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

> Spike|hCoV-19|India|OR-RMRC167|2020|2020-05-07|EPI_ISL_455767|Original|hCoV-19^|Odisha|Human|REGIONAL VRDL, ICMR-RMRC BBSR|Immunogenomics lab|Raghav|India

> Spike|hCoV-19|Singapore|230|2020|2020-04-06|EPI_ISL_462348|Original|hCoV-19^|Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

> Spike|hCoV-19|Wales|PHWC-4A3645|2020|2020-12-15|EPI_ISL_744120|Original|hCoV-19^|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19|Wales|PHWC-47D046|2020|2020-10-02|EPI_ISL_586089|Original|hCoV-19^|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19|Japan|PG-5836|2020|2020-08-00|EPI_ISL_688953|Original|hCoV-19^|Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

> Spike|hCoV-19|USA|VA-DCLS|0109|2020|2020-04-08|EPI_ISL_434601|Original|hCoV-19^|Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

> Spike|hCoV-19|Japan|PG-2748|2020|2020-04-00|EPI_ISL_690880|Original|hCoV-19^|Japan|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

> Spike|hCoV-19|USA|TX-HMM-MCoV|14064|2020|2020-08-14|EPI_ISL_787350|Original|hCoV-19^|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

> Spike|hCoV-19|France|ARA-SC044|2020|2020-03-31|EPI_ISL_666664|Original|hCoV-19^|Auvergne-Rh\u00fat|004f4-Alpes|Human|Laboratoire du Centre Hospitalier Annecy Genevois|CNR Virus des Infections Respiratoires – France SUD|Bal|France

> Spike|hCoV-19|USA|FL-BPLH|0298|2020|2020-05-15|EPI_ISL_480949|Original|hCoV-19^|Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Bishop|USA

> Spike|hCoV-19|Saudi Arabia|KAUST-MADINAH|958|2020|2020-05|12|EPI_ISL_513208|Original|hCoV-19^|Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia

> Spike|hCoV-19|Japan|PG-7399|2020|2020-07-09|EPI_ISL_688501|Original|hCoV-19^|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

> Spike|hCoV-19|Wales|PHWC-16E88F|2020|2020-10-01|EPI_ISL_585781|Original|hCoV-19^|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19|England|NORT-295271|2020|2020-03-30|EPI_ISL_488584|Original|hCoV-19^|England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|Denmark|DGCC-6146|2020|2020-09-14|EPI_ISL_621180|Original|hCoV-19^|Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

> Spike|hCoV-19|Spain|AR-IVB-005069|2020|2020-04-22|EPI_ISL_510358|Original|hCoV-19^|Aragon|Human|Servicio de Microbiologia\u00eda|SeqCOVID-SPAIN consortium/IVB (CSIC)|Comas|Spain

> Spike|hCoV-19|England|ALDP-52B996|2020|2020-06-01|EPI_ISL_559066|Original|hCoV-19^|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|USA|NY-NYUMC580|2020|2020-03-30|EPI_ISL_444697|Original|hCoV-19^|New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
>Spike|hCoV-19|England/QEUH-C3195A/2020|2020-12-11|EPI_ISL_782645|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|Wales/PHWC-16CA4F/2020|2020-09-22|EPI_ISL_574124|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19|Singapore/1258/2020|2020-05-03|EPI ISL_648676|Original|hCoV-19|Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore
>Spike|hCoV-19|England/QEUH-CC3058/2020|2020-12-21|EPI ISL_778192|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|Australia/VIC5321/2020|2020-00-00|EPI ISL_520084|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19|England/CAMB-8233A/2020|2020-04-12|EPI ISL_443461|Original|hCoV-19|England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19|Scotland/CVR3159/2020|2020-04-22|EPI ISL_453095|Original|hCoV-19|Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19|Denmark/DGCC-5194/2020|2020-09-21|EPI ISL_621732|Original|hCoV-19|Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19|England/NORT-283CF0/2020|2020-04-03|EPI ISL_472253|Original|hCoV-19|England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19|Japan/PG-5382/2020|2020-08-00|EPI ISL_690485|Original|hCoV-19|Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19|Australia/VIC14407/2020|2020-08-17|EPI ISL_592486|Original|hCoV-19|Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19|Wales/PHWC-493806/2020|2020-11-29|EPI ISL_725946|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19|Netherlands/LI-EMC-143/2020|2020-11-18|EPI ISL_763111|Original|hCoV-19|Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19|Wales/PHWC-47CEA7/2020|2020-10-06|EPI ISL_586063|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19|England/CAMB-7243A/2020|2020-03-24|EPI ISL_439584|Original|hCoV-19|England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19|England/LIVE-9EBE8/2020|2020-04-05|EPI ISL_453375|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19|USA/MI-MDHHS-SC22009/2020|2020-08-31|EPI ISL_577571|Original|hCoV-19|Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA
>Spike|hCoV-19|USA/CA-ALSR-0588-TPL/2020|2020-04-15|EPI ISL_483244|Original|hCoV-19|California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19|Denmark/ALAB-HH-263/2020|2020-04-14|EPI ISL_452094|Original|hCoV-19|Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark
>Spike|hCoV-19/Portugal/PT0445/2020|2020-03-26|EPI_ISL_454169|Original|hCoV-19^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal
>Spicke|hCoV-19/USA/TX-HMW-MCoV-11564/2020|2020-09-12|EPI_ISL_790057|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spiek|hCoV-19/Wales/PHWC-16D167/2020|2020-05-31|EPI_ISL_572681|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spinka|hCoV-19/USA/MI-MDHS-SC20258/2020|2020-03-17|EPI_ISL_447228|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spikes|hCoV-19/Denmark/DCGC-11092/2020|2020-11-02|EPI_ISL_670387|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spikes|hCoV-19/England/QEUH-A212CD/2020|2020-10-01|EPI_ISL_587687|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/England/QEUH-B25925/2020|2020-11-03|EPI_ISL_659889|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/England/ID- UW-4383/2020|2020-03-29|EPI_ISL_430948|Original|hCoV-19^Idaho|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spikes|hCoV-19/England/LIVE-9C115/2020|2020-03-31|EPI_ISL_449512|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spikes|hCoV-19/France/IDF-IPP9555/2020|2020-11-02|EPI_ISL_660325|Original|hCoV-19^France|Human|General practitioner|National Reference Center for Viruses of Respiratory Infections|Enouf|France
>Spikes|hCoV-19/Canada/QC-LSPQ-L00241648/2020|2020-03-28|EPI_ISL_536286|Original|hCoV-19^Quebec|Human|CSSS Haut-Richelieu/Rouvill (H\u00e9pital)|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada
>Spikes|hCoV-19/USA/NY-Wadsworth-200241-01/2020|2020-07-20|EPI_ISL_677075|Original|hCoV-19^New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA
>Spikes|hCoV-19/England/CWAR-24FE047/2020|2020-06-16|EPI_ISL_584564|Original|hCoV-19^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom
>Spike|hCoV-19/Australia/VIC1313/2020|2020-04-10|EPI_ISL_430714|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spikes|hCoV-19/USA/CA-CZB-2813/2020|2020-07-06|EPI_ISL_582876|Original|hCoV-19^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA
>Spikes|hCoV-19/Denmark/DCGC-10682/2020|2020-11-02|EPI_ISL_670134|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spikes|hCoV-19/USA/TX-HMW-MCoV-8529/2020|2020-07-01|EPI_ISL_780610|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spikes|hCoV-19/USA/NY-Wadsworth-96601-01/2020|2020-03-20|EPI_ISL_676923|Original|hCoV-19^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
>Spike|hCoV-19/Scotland/QEUH-9DC0D7/2020|2020-09-22|EPI_ISL_575396|Original|hCoV-19^\ Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/204961128/2020|2020-12-03|EPI_ISL_700690|Original|hCoV-19^\ England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spike|hCoV-19/Scotland/QEUH-BCC3C0/2020|2020-11-27|EPI_ISL_710761|Original|hCoV-19^\ Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spike|hCoV-19/England/CAMC-B34B52/2020|2020-11-05|EPI_ISL_659535|Original|hCoV-19^\ England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-AA2EC0/2020|2020-10-22|EPI_ISL_624094|Original|hCoV-19^\ England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WA-UW-12924/2020|2020-06-29|EPI_ISL_570931|Original|hCoV-19^\ Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/Australia/WAI36/2020|2020-08-11|EPI_ISL_596699|Original|hCoV-19^\ Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia
>Spike|hCoV-19/Denmark/DGCC-14515/2020|2020-11-30|EPI_ISL_711138|Original|hCoV-19^\ Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albersen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Scotland/QEUH-96CD02/2020|2020-08-21|EPI_ISL_534532|Original|hCoV-19^\ Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC7539/2020|2020-07-23|EPI_ISL_564483|Original|hCoV-19^\ Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Spain/MD-HLP-100-2/2020|2020-04-23|EPI_ISL_530026|Original|hCoV-19^\ Madrid|Human|Hospital Universitario La Paz|Hospital Universitario La Paz|Viedma|Spain
>Spike|hCoV-19/England/QEUH-964854/2020|2020-08-11|EPI_ISL_536831|Original|hCoV-19^\ England|Human|PHS South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-16C63C/2020|2020-09-24|EPI_ISL_574077|Original|hCoV-19^\ Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/ALDP-9DA419/2020|2020-09-18|EPI_ISL_576871|Original|hCoV-19^\ England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Singapore/1373/2020|2020-07-01|EPI_ISL_648725|Original|hCoV-19^\ Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore
>Spike|hCoV-19/Scotland/CVR2774/2020|2020-04-20|EPI_ISL_473559|Original|hCoV-19^\ Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/England/EXET-136817/2020|2020-05-06|EPI_ISL_457237|Original|hCoV-19^\ England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spike|hCoV-19/England/MILK-9AA56A/2020|2020-08-28|EPI_ISL_550816|Original|hCoV-19^\ England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
| Country         | Region          | Lab Name                                                                 | Organization | Genomic Accession         |
|-----------------|-----------------|--------------------------------------------------------------------------|--------------|---------------------------|
| South Africa    |                | EPI_ISL_615105 | Original | hCoV-19                  |
|                |                 | EPI_ISL_563261 | Original | hCoV-19                  |
|                |                 | EPI_ISL_647158 | Original | hCoV-19                  |
| South Dakota   | Human           | SD Urban Indian Health Pierre | South Dakota Public Health Laboratory | Carlson | USA                     |
| England        | Lighthouse Lab in Cambridge | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| England        | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| England        | Liverpool Clinical Laboratories | COVID-19 Genomics UK (COG-UK) Consortium | Haldenby | United Kingdom |
| Spain          | Andalusia       | Servicio de Microbiolog\u00eda y Parasitolog\u00eda cl | UCEIMP. Hospital Universitario Virgen del Roc | u00edo | Spain |
| USA            | California      | The Ashley Laboratory | Chan-Zuckerberg Biohub | Bhatt | USA |
| Denmark        | Sjaelland       | Department of Virus and Microbiological Special Diagnostics | Albertsen lab | Michaelsen | Denmark |
| USA            | Hawaii          | State Laboratories Division | State Laboratories Division | Sultana | USA |
| Scotland       | Scotland        | West of Scotland Specialist Virology Centre | COVID-19 Genomics UK (COG-UK) Consortium | Robertson | United Kingdom |
| Denmark        | Rovedstaden     | Department of Virus and Microbiological Special Diagnostics | Albertsen lab | Michaelsen | Denmark |
| Australia      | Victoria        | Public Health Laboratory (MDU-PHL) | MDU-PHL | Schultz | Australia |
| USA            | Washington      | State Department of Health | Seattle Flu Study | Lee | USA |
| Luxembourg     | Luxembourg      | Laboratoire national de sant\u00e9 | Laboratoire national de sant\u00e9 | Wienecke-Baldacchino | Luxembourg |
| Wales          | Wales           | Wales Specialist Virology Centre | Geisinger-Chemnitz Institute | Moore | United Kingdom |
| Denmark        | Department of Virus and Microbiological Special Diagnostics | Albertsen lab | Kirkegaard | Denmark |
| South Africa   | KwaZulu-Natal   | NHLS-IALCH | KRISP | de Oliveira | South Africa |
>Spike|hCoV-19/England/LOND-1263D5A/2020|2020-11-10|EPI_ISL_679485|Original|hCoV-19^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spike|hCoV-19/England/QEUH-A792D5/2020|2020-10-12|EPI_ISL_638799|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/England/QEUH-9DA6C8/2020|2020-09-21|EPI_ISL_601269|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/QEUH-A21931/2020|2020-10-01|EPI_ISL_598863|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/DRC/11334/2020|2020-05-25|EPI_ISL_527504|Original|hCoV-19^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo
>Spike|hCoV-19/Scotland/QEUH-96B240/2020|2020-08-18|EPI_ISL_534645|Original|hCoV-19^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-9E590D/2020|2020-09-24|EPI_ISL_589324|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC16308/2020|2020-08-02|EPI_ISL_640470|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/MILK-95799/2020|2020-08-23|EPI_ISL_551732|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-AD2D24/2020|2020-10-26|EPI_ISL_629966|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Austria/CeMM0899/2020|2020-03-25|EPI_ISL_583752|Original|hCoV-19^Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria
>Spike|hCoV-19/England/QEUH-AD37BC/2020|2020-10-26|EPI_ISL_634212|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Canada/BC_08865483/2020|2020-05-00|EPI_ISL_477067|Original|hCoV-19^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada
>Spike|hCoV-19/Spain/AN-IBV-001893/2020|2020-03-13|EPI_ISL_452455|Original|hCoV-19^Andalucia|Human|Hospital Universitario Puerta del Mar de C\u00e1diz - INIBICA|SegCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>Spike|hCoV-19/England/LOND-1260E3C/2020|2020-04-04|EPI_ISL_524709|Original|hCoV-19^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-18736/2020|2020-12-07|EPI_ISL_750153|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albersen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/QEUH-9FF830/2020|2020-10-02|EPI_ISL_600188|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MLK-876BA2/2020|2020-07-19|EPI_ISL_557377|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/NY-Wadsworth-290335-01/2020|2020-12-15|EPI_ISL_765490|Original|hCoV-19^New York|Human|MONTEFIORE MEDICAL CENTER LABORATORIES|Wadsworth Center|Lasek-Nesselquist|USA
>Spike|hCoV-19/Netherlands/ZH-RIVM-20823/2020|2020-12-24|EPI_ISL_790879|Original|hCoV-19^Zuid-holland|Human|Dutch COVID-19 response
>Spike|hCoV-19/England/QEUH-AF49CE/2020|2020-10-30|EPI_ISL_663117|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Sp...
>Spike|hCoV-19/England/MILK-9944B1/2020|2020-08-25|EPI_ISL_552221|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NWS933/2020|2020-09-07|EPI_ISL_547598|Original|hCoV-19^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Concord Repatriation General Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/ALDP-B83C9D/2020|2020-11-14|EPI_ISL_675315|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6463/2020|2020-08-00|EPI_ISL_689568|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan

>Spike|hCoV-19/England/QEUH-546DD5/2020|2020-05-14|EPI_ISL_533347|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6790/2020|2020-07-21|EPI_ISL_564057|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUH-C33F47/2020|2020-12-11|EPI_ISL_734163|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00794/2020|2020-09-30|EPI_ISL_692904|Original|hCoV-19^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Netherlands/OV-EMC-69/2020|2020-06-13|EPI_ISL_523453|Original|hCoV-19^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUH-9E53C3/2020|2020-09-22|EPI_ISL_600999|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AC9133/2020|2020-10-22|EPI_ISL_629472|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BAA489/2020|2020-11-17|EPI_ISL_783329|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-65EAC3/2020|2020-07-03|EPI_ISL_555665|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4498/2020|2020-06-19|EPI_ISL_543669|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/20169005304/2020|2020-04-14|EPI_ISL_465181|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/WI-UK-1069/2020|2020-07-31|EPI_ISL_516495|Original|hCoV-19^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Brandt|Germany

>Spike|hCoV-19/Germany/TH-TIMK-CaSe-18/2020|2020-12-06|EPI_ISL_728341|Original|hCoV-19^Thuringia|Human|Jena University Hospital|Institute of infectious disease & hospital hygiene|Brandt|Germany

>Spike|hCoV-19/USA/TX-HMM0451/2020|2020-04-03|EPI_ISL_435030|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/ALDP-C3972B/2020|2020-12-07|EPI_ISL_767182|Original|hCoV-19^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WY-WPHL-20167743/2020|2020-12-17|EPI_ISL_765984|Original|hCoV-19^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA
>Spike|hCoV-19/England/QEUH-9B7F02/2020|2020-09-08|EPI_ISL_590555|Original|hCoV-19^Eng|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ABC0CD/2020|2020-10-21|EPI_ISL_631019|Original|hCoV-19^Eng|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DGCC-7474/2020|2020-10-12|EPI ISL 618418|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albersen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-AD16DF/2020|2020-10-26|EPI_ISL_634651|Original|hCoV-19^Eng|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Portugal/PT1796/2020|2020-11-08|EPI_ISL_732023|Original|hCoV-19^Port|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/MILK-B029EA/2020|2020-10-24|EPI ISL_642787|Original|hCoV-19^Eng|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DGCC-13171/2020|2020-11-30|EPI_ISL_712259|Original|hCoV-19^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albersen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Hungary/US-32294w/2020|2020-09-01|EPI_ISL_677741|Original|hCoV-19^Cl|Human|University of Szeged|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/England/MILK-BAB136/2020|2020-11-18|EPI ISL_783074|Original|hCoV-19^Eng|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-22319/2020|2020-04-08|EPI_ISL_660411|Original|hCoV-19^Ostergotland|Human|Klinisk mikrobiologi Linkoping|The Public Health Agency of Sweden|Svarstr|006f6m|Sweden

>Spike|hCoV-19/Australia/SAP152/2020|2020-03-10|EPI_ISL_451146|Original|hCoV-19^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/England/QEUH-B6B7B8/2020|2020-11-11|EPI_ISL_662432|Original|hCoV-19^Eng|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14248/2020|2020-08-25|EPI ISL_738527|Original|hCoV-19^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Brazil/RJ-00547/2020|2020-10-27|EPI ISL_717931|Original|hCoV-19^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/USA/AZ-TG648766/2020|2020-04-10|EPI ISL_695937|Original|hCoV-19^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/USA/NY-QDX-106/2020|2020-03-12|EPI ISL_468579|Original|hCoV-19^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/CA-IGI-0095/2020|2020-06-11|EPI ISL_511849|Original|hCoV-19^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/Latvia/088/2020|2020-06-17|EPI ISL_512313|Original|hCoV-19^Latvia|Human|E. Gulbja Laboratorija|Latvian Biomedical Research and Study Centre|Zrelovs|Latvia
UCEIMP. Hospital Universitario Virgen del Roc\u00edo/IBIS/CSIC/US|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

Spike|hCoV-19|England/CAMC-9ECA9/2020|2020-09-22|EPI_ISL_594638|Original|hCoV-19|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

Spike|hCoV-19|England/CAMC-A81FC4/2020|2020-10-14|EPI_ISL_610746|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Spain/CL-IBV-97006231/2020|2020-04-14|EPI_ISL_537377|Original|hCoV-19|Castilla y Leon|Human|Universidad de Le\u00edo/SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

Spike|hCoV-19|Wales/PHWC-498D5F/2020|2020-11-27|EPI_ISL_727203|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19|South Korea/CNUHV03-CA22/2020|2020-05-20|EPI_ISL_591070|Vero|hCoV-19|South Korea|Human|College of Veterinary Medicine|College of Veterinary Medicine|Seo, S.H.|South Korea

Spike|hCoV-19|Norway/3144/2020|2020-08-07|EPI_ISL_549163|Original|hCoV-19|Viken|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Kopperud Riis|Norway

Spike|hCoV-19|Netherlands/ZH-EMC-454/2020|2020-08-12|EPI_ISL_523792|Original|hCoV-19|Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

Spike|hCoV-19|England/ALDP-5212C2/2020|2020-06-02|EPI_ISL_559092|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|England/ALDP-B76E2E/2020|2020-11-12|EPI_ISL_723818|Original|hCoV-19|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

Spike|hCoV-19|Sweden/20-08395/2020|2020-07-14|EPI_ISL_534227|Original|hCoV-19|Skane|Human|Skanes universitetssjukhus Lund|The Public Health Agency of Sweden|Svarstr\u00f6|Sweden

Spike|hCoV-19|Japan/PG-0313/2020|2020-03-28|EPI_ISL_479988|Original|hCoV-19|Kansai|Human|Department of Infectious Diseases|Pathogen Genomics Center|Sekizuka|Japan

Spike|hCoV-19|England/CAMC-9EBEF9/2020|2020-09-23|EPI_ISL_584429|Original|hCoV-19|England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

Spike|hCoV-19|Morocco/FMP-29/2020|2020-12-00|EPI_ISL_728360|Original|hCoV-19|Temara|Human|Laboratoire Biolife|Laboratoire de Biotechnologie|Ouadghiri|Morocco

Spike|hCoV-19|Denmark/DGCC-2432/2020|2020-08-10|EPI_ISL_617607|Original|hCoV-19|Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Miichaelsen|Denmark

Spike|hCoV-19|England/MLIK-ACE2C2/2020|2020-10-22|EPI_ISL_629453|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Luxembourg/LNS4988837/2020|2020-11-06|EPI_ISL_744169|Original|hCoV-19|Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

Spike|hCoV-19|England/NORT-29800B/2020|2020-04-28|EPI_ISL_488075|Original|hCoV-19|England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Australia/VIC346/2020|2020-03-20|EPI_ISL_426655|Original|hCoV-19|Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

Spike|hCoV-19|Ireland/un-NVRL-ATIDM208/2020|2020-12-21|EPI_ISL_791315|Original|hCoV-19|Ireland|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland
>Spike|hCoV-19|Wales/PHWC-486B1C/2020|2020-10-31|EPI_ISL_637586|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spide|hCoV-19/USA/MI-MDH-1692/2020|2020-04-08|EPI_ISL_560779|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA
>Spide|hCoV-19/Wales/PHWC-488A95/2020|2020-11-02|EPI_ISL_639459|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spide|hCoV-19/Spain/MD-IBV-99012476/2020|2020-11-14|EPI_ISL_780043|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1o|u00f3n|SeqCOVID-SPAIN consortium|IBV (SCIC)|Comas|Spain
>Spide|hCoV-19/Denmark/DGCC-16714/2020|2020-10-19|EPI_ISL_714426|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spide|hCoV-19/USA/AZ-TG618048/2020|2020-07-20|EPI_ISL_695690|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA
>Spide|hCoV-19/England/QEUH-A0081D/2020|2020-09-30|EPI_ISL_600249|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spide|hCoV-19/England/MILK-B8F41/2020|2020-11-13|EPI_ISL_674496|Original|hCoV-19^^England|Human|Lighthouse Lab at Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spide|hCoV-19/USA/UN-UW-629/2020|2020-03-12|EPI_ISL_476910|Original|hCoV-19^^USA|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spide|hCoV-19/England/C200045647/2020|2020-11-10|EPI_ISL_664062|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spide|hCoV-19/USA/UT-UFHL-2009729/2020|2020-07-26|EPI_ISL_605401|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spide|hCoV-19/USA/RI-CDC-6619/2020|2020-07-30|EPI_ISL_535360|Original|hCoV-19^^Rhode Island|Human|RI State Health Laboratories|Pathogen Discovery|Queen|USA
>Spide|hCoV-19/Switzerland/0E420596/2020|2020-12-20|EPI_ISL_768186|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spide|hCoV-19/Scotland/CVR1507/2020|2020-04-03|EPI_ISL_438832|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spide|hCoV-19/England/BRIS-122B8E/2020|2020-04-03|EPI_ISL_440734|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spide|hCoV-19/Netherlands/ZuidHolland_144/2020|2020-04-16|EPI_ISL_461317|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spide|hCoV-19/England/ALDP-B772F4/2020|2020-11-12|EPI_ISL_664935|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spide|hCoV-19/USA/MA-MASPHL-00416/2020|2020-04-27|EPI_ISL_693135|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA
>Spide|hCoV-19/USA/MI-MDHSS-SC20293/2020|2020-04-01|EPI_ISL_447090|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spide|hCoV-19/England/20192094001/2020|2020-05-04|EPI_ISL_465603|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spide|hCoV-19/Australia/NSW1278/2020|2020-12-17|EPI_ISL_745093|Original|hCoV-19^^New South Wales|Human|Histopath|CIDM-PH|Gall|Australia
>Spide|hCoV-19/Denmark/DGCC-19965/2020|2020-12-07|EPI_ISL_747895|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/ALDP-AA2E75/2020|2020-10-22|EPI_ISL_623958|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19/Scotland/CVR5387/2020|2020-09-22|EPI_ISL_651790|Original|hCoV-19
^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) consortium|Robertson|United Kingdom

>Spik|hCoV-19/Luxembourg/LNS4374495/2020|2020-11-13|EPI_ISL_740457|Original|hCoV-19
^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke|Luxembourg

>Spik|hCoV-19/Wales/PHWC-48FOE7/2020|2020-11-10|EPI_ISL_681044|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom

>Spik|hCoV-19/Scotland/CVR4279/2020|2020-09-09|EPI_ISL_559952|Original|hCoV-19
^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) consortium|Robertson|United Kingdom

>Spik|hCoV-19/England/CAMC-B2161B/2020|2020-11-03|EPI_ISL_647179|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19/Beijing/DT-travelUSA03/2020|2020-03-19|EPI_ISL_452340|Original|hCoV-19
^Beijing|Human|Laboratory of Infectious Diseases Center of Beijing Ditan Hospital|Laboratory of Infectious Diseases Center of Beijing Ditan Hospital|Yang|China

>Spik|hCoV-19/France/BRE-9348/2020|2020-08-13|EPI_ISL_614278|Original|hCoV-19
^Bretagne|Human|Eurofins|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spik|hCoV-19/USA/CA-CZB-10786/2020|2020-06-22|EPI_ISL_583047|Original|hCoV-19
^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spik|hCoV-19/Norway/3126/2020|2020-08-07|EPI_ISL_549149|Original|hCoV-19
^Rogaland|Human|Ostfold Hospital Trust - K\"aln\"es|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spik|hCoV-19/USA/OH-UW-2399/2020|2020-12-02|EPI_ISL_754657|Original|hCoV-19
^Ohio|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spik|hCoV-19/England/ALDP-BCA85A/2020|2020-11-23|EPI_ISL_703547|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19/Wales/PHWC-498F0C/2020|2020-11-30|EPI_ISL_727229|Original|hCoV-19
^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom

>Spik|hCoV-19/USA/LA-EVTL470/2020|2020-06-23|EPI_ISL_578874|Original|hCoV-19
^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spik|hCoV-19/USA/NY-NYCPHL-000290/2020|2020-03-20|EPI_ISL_631816|Original|hCoV-19
^New York|Human|Richmond University Medical Center|New York City Public Health Laboratory|Wang|USA

>Spik|hCoV-19/England/CAMC-B0A5B1/2020|2020-10-29|EPI_ISL_673050|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19/England/MILK-C2F922/2020|2020-12-07|EPI_ISL_733890|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-490C3A/2020|2020-11-15|EPI_ISL_706551|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
|>Spike|hCoV-19/England/MILK-97560B/2020|2020-08-20|EPI_ISL_552474|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
|>Spike|hCoV-19/England/LEED-2A9025/2020|2020-04-05|EPI_ISL_539022|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
|>Spike|hCoV-19/England/ALDP-9B58AF/2020|2020-08-28|EPI_ISL_590246|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
|>Spike|hCoV-19/England/QEUH-B6BE1D/2020|2020-11-11|EPI_ISL_655024|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
|>Spike|hCoV-19/England/QEUH-95FB35/2020|2020-08-05|EPI_ISL_532455|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
|>Spike|hCoV-19/England/QEUH-BC40C1/2020|2020-11-24|EPI_ISL_703407|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
|>Spike|hCoV-19/England/BRIS-12B62A/2020|2020-05-20|EPI_ISL_487579|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
|>Spike|hCoV-19/USA/LA-EVTLL530/2020|2020-08-04|EPI_ISL_578934|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
|>Spike|hCoV-19/USA/NY-NYUMC592/2020|2020-04-01|EPI_ISL_444709|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
|>Spike|hCoV-19/England/BRIS-123AF9/2020|2020-04-07|EPI_ISL_442649|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
|>Spike|hCoV-19/Spain/VC-IBV-98003087/2020|2020-03-14|EPI_ISL_538023|Original|hCoV-19^^Comunitat Valenciana|Human|Hospital Universitari i Polit\u00e8cnic La Fe de Val\u00e8ncia|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
|>Spike|hCoV-19/England/204761665/2020|2020-11-18|EPI_ISL_683550|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spike|hCoV-19/USA/NV-NSPHEL-A0175/2020|2020-05-18|EPI_ISL_515433|Original|hCoV-19
^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA
>Spike|hCoV-19/Finland/13LS20AD9/2020|2020-10-13|EPI_ISL_737225|Original|hCoV-19
^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland
>Spike|hCoV-19/England/CAMB-1B921E/2020|2020-10-28|EPI_ISL_705547|Original|hCoV-19
^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/England/QUEUH-B407AA/2020|2020-11-08|EPI_ISL_657175|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/MIT-MDHHS-SC21659/2020|2020-07-07|EPI_ISL_516386|Original|hCoV-19
^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/Portugal/PT0868/2020|2020-03-27|EPI_ISL_511127|Original|hCoV-19
^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Gulbenkian de Ciencia (IGC)|Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal
>Spike|hCoV-19/England/ALDP-C3C931/2020|2020-12-10|EPI_ISL_731038|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Luxembourg/LNS2293815/2020|2020-12-23|EPI_ISL_771078|Original|hCoV-19
^Luxembourg|Human|Laboratoire national de sant\'e|Laboratoire national de sant\'e|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/England/QEUH-001E5/2020|2020-09-30|EPI_ISL_600185|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Northern Ireland/NIRE-2357B0/2020|2020-11-05|EPI_ISL_742143|Original|hCoV-19
^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
>Spike|hCoV-19/England/SHEF-CFFCA/2020|2020-04-26|EPI_ISL_475483|Original|hCoV-19
^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/England/QEUH-A001E5/2020|2020-09-30|EPI_ISL_600185|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/QEUH-B2D2FD/2020|2020-11-04|EPI_ISL_676405|Original|hCoV-19
^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-B56C1B/2020|2020-11-06|EPI_ISL_657026|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMC-BBF647/2020|2020-12-05|EPI_ISL_709122|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/QEUH-B2D2FD/2020|2020-11-04|EPI_ISL_676405|Original|hCoV-19
^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-B56C1B/2020|2020-11-06|EPI_ISL_657026|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMC-BBF647/2020|2020-12-05|EPI_ISL_709122|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Singapore/941/2020|2020-04-04|EPI_ISL_538475|Original|hCoV-19
^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore
>Spike|hCoV-19/USA/WA-UW-46947/2020|2020-12-13|EPI_ISL_756210|Original|hCoV-19
^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/Singapore/525/2020|2020-04-14|EPI_ISL_479603|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
>Spike|hCoV-19/Denmark/DCGC-13812/2020|2020-11-30|EPI_ISL_712241|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albersen Lab|Michaelisen|Denmark
>Spike|hCoV-19/England/NORT-2820D7/2020|2020-03-25|EPI_ISL_472194|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/USA/VA-DCLS-1816/2020|2020-09-22|EPI_ISL_614136|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spike|hCoV-19/England/BRIS-122007/2020|2020-03-20|EPI_ISL_440013|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/MI-MDHSS-SC20092/2020|2020-03-30|EPI_ISL_437179|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/Iceland/278/2020|2020-03-17|EPI_ISL_417606|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\00f3nsson|Iceland
>Spike|hCoV-19/Scotland/EDB2052/2020|2020-04-18|EPI_ISL_433168|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) consortium|Williams|United Kingdom
>Spike|hCoV-19/England/ALDP-A4FD22/2020|2020-10-07|EPI_ISL_597751|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/South Africa/KRISP-K004554/2020|2020-10-27|EPI_ISL_660251|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
>Spike|hCoV-19/Australia/VIC759/2020|2020-03-30|EPI_ISL_427035|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spike|hCoV-19/England/NOTT-11D931/2020|2020-11-23|EPI_ISL_679934|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) consortium|Loose|United Kingdom
>Spike|hCoV-19/England/CAMB-7D174/2020|2020-04-05|EPI_ISL_442142|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-9606/2020|2020-07-02|EPI_ISL_780181|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/ALDP-C06262/2020|2020-12-06|EPI_ISL_721522|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>England|Human| Respiratory Virus Unit| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>England|Human| Oxford Viromics| COVID-19 Genomics UK (COG-UK) Consortium| Golubchik | United Kingdom
>England|Human| Lighthouse Lab in Cambridge| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies | United Kingdom
>England|Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies | United Kingdom
>England|Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies | United Kingdom
>England|Human|Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies | United Kingdom
>England|Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies | United Kingdom
>England|Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies | United Kingdom
>England|Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies | United Kingdom
>England|Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies | United Kingdom
>Spike|hCoV-19/Wales/PHWC-4A3BCE/2020|2020-12-12|EPI_ISL_764605|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spa<ke|hCoV-19/Canada/MB-NML-1176/2020|2020-07-03|EPI_ISL_582494|Original|hCoV-19^^Canada|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Major|Canada

>Spa<ke|hCoV-19/Tunisia/ADAGE-24776/2020|2020-11-08|EPI_ISL_712065|Original|hCoV-19^^Tunisia|Human|Laboratoire de Microbiologie- CHU Habib Bourguiba \u2013 CHU Habib Bourguiba |Laboratoire des Proc\u00e9s de Criblage Mol\u00e9culaire et Cellulaire-Centre de Biotechnologie de Sfax|Abid|Tunisia
> Spike|hCoV-19/England/QEUH-BC4568/2020|2020-11-25|EPI_ISL_703617|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/TX-HMM-MCoV-19218/2020|2020-11-23|EPI_ISL_783697|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19/USA/CA-CZB-2215/2020|2020-05-28|EPI_ISL_513763|Original|hCoV-19|California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA
> Spike|hCoV-19/Austria/CeMM0572/2020|2020-03-27|EPI_ISL_475921|Original|hCoV-19|Austria|Human|Institut fu00fcr Viroloegie am Department fu00fcr Hygiene|Bergthaler|Austria
> Spike|hCoV-19/England/MILK-B95041/2020|2020-11-13|EPI_ISL_673859|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/England/QEUH-BA025C/2020|2020-11-18|EPI_ISL_719628|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/Spain/MD-H12-4011/2020|2020-03-22|EPI_ISL_428710|Original|hCoV-19|Madrid|Human|Hospital Universitario 12 de Octubre|Hospital Universitario 12 de Octubre|Viedma|Spain
> Spike|hCoV-19/England/ALDP-955D75/2020|2020-06-12|EPI_ISL_554087|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/QEUH-A9DA1F/2020|2020-10-20|EPI_ISL_652670|Original|hCoV-19|England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
> Spike|hCoV-19/France/PAC-IHU-0688/2020|2020-04-16|EPI_ISL_568935|Original|hCoV-19|Provence-Alpes-Cu00f4te-du00f4u00f8-2019Azur|Human|MEPHI|MEPHI|Levasseur|France
> Spike|hCoV-19/Wales/MILK-99DED8/2020|2020-08-31|EPI_ISL_550673|Original|hCoV-19|Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/MN-MDH-1403/2020|2020-06-26|EPI_ISL_514622|Original|hCoV-19|Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA
> Spike|hCoV-19/USA/TX-HMM-474/2020|2020-04-04|EPI_ISL_544296|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19/Australia/VIC15019/2020|2020-07-30|EPI_ISL_593106|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19/England/2018134404/2020|2020-03-04|EPI_ISL_464483|Original|hCoV-19|England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
> Spike|hCoV-19/USA/AZ-TG670097/2020|2020-05-02|EPI_ISL_696319|Original|hCoV-19|Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA
> Spike|hCoV-19/England/LOND-DC5B3/2020|2020-11-12|EPI_ISL_679625|Original|hCoV-19|England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
> Spike|hCoV-19/Japan/PG-7233/2020|2020-08-08|EPI_ISL_688337|Original|hCoV-19|Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
> Spike|hCoV-19/England/MILK-9C737C/2020|2020-09-07|EPI_ISL_573301|Original|hCoV-19|England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust / COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
> Spike|hCoV-19/USA/WA-UK-2142/2020|2020-03-25|EPI_ISL_426097|Original|hCoV-19|Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
> Spike|hCoV-19/USA/CA-ALSR-0939-SAN/2020|2020-03-30|EPI_ISL_483425|Original|hCoV-19|California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA
Spike|hCoV-19|England/NORW-E71B1/2020|2020-04-20|EPI_ISL_449011|Original|hCoV-19^England|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

> Spike|hCoV-19|Japan/PG-3064/2020|2020-04-00|EPI_ISL_691187|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan

> Spike|hCoV-19|India/MH-GA73/2020|2020-06-18|EPI_ISL_508267|Original|hCoV-19^Maharashtra|Human|Government Medical College|National Institute of Biomedical Genomics|Maitra|India

> Spike|hCoV-19|Japan/NGY-NNH-003/2020|2020-03-31|EPI_ISL_568558|Original|hCoV-19^England|Human|Department of Infectious Diseases and Immunology|Clinical Research Center|Iwata|Japan

> Spike|hCoV-19|England/MILK-A1D710/2020|2020-10-03|EPI_ISL_595079|Original|hCoV-19^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

> Spike|hCoV-19|England/QEUH-9602F0/2020|2020-08-04|EPI_ISL_532022|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|USA/MA-TX-HMH-MCoV-15724/2020|2020-07-09|EPI_ISL_785408|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

> Spike|hCoV-19|England/ALDP-9CCE0D/2020|2020-09-15|EPI_ISL_566182|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|England/20140830004/2020|2020-03-31|EPI_ISL_466055|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

> Spike|hCoV-19|Wales/PHWC-244CE/2020|2020-03-18|EPI_ISL_419418|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

> Spike|hCoV-19|Canada/NS-NML-1372/2020|2020-04-15|EPI_ISL_579748|Original|hCoV-19^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Major|Canada

> Spike|hCoV-19|mink/Netherlands/NB-EMC-61-1/2020|2020-00-00|EPI_ISL_632475|Original|hCoV-19^Noord Brabant|Nevovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

> Spike|hCoV-19|Chile/MA-194112-B/2020|2020-09-27|EPI_ISL_746525|Original|hCoV-19^Magallanes|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

> Spike|hCoV-19|Colombia/VAC-GVI-97321/2020|2020-04-04|EPI_ISL_447796|Original|hCoV-19^Valle del Cauca|Human|Instituto Nacional de Salud|Grupo de Investigaciones Microbiol\u00f3|U00f3f3gicas-UR (GIMUR)|Ram\u00f3y\u00f3|Colombia

> Spike|hCoV-19|USA/TX-HMH-MCoV-16071/2020|2020-10-27|EPI_ISL_785755|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

> Spike|hCoV-19|Denmark/DGCCG-846/2020|2020-04-13|EPI_ISL_614412|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Alberts en lab|Michaelsen|Denmark

> Spike|hCoV-19|USA/MI-MDHHS-SC20071/2020|2020-03-21|EPI_ISL_437158|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

> Spike|hCoV-19|England/CAMB-1AD7D2/2020|2020-05-01|EPI_ISL_448010|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

> Spike|hCoV-19|England/SHEF-10D107E/2020|2020-12-19|EPI_ISL_742031|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

> Spike|hCoV-19|Denmark/DGCCG-7375/2020|2020-10-12|EPI_ISL_619278|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

> Spike|hCoV-19|England/MILK-9AA55B/2020|2020-08-28|EPI_ISL_550943|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/QEUH-A0AF69/2020|2020-10-01|EPI_ISL_599251|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WA-S783/2020|2020-04-14|EPI_ISL_449953|Original|hCoV-19^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
>Spike|hCoV-19/Switzerland/un-ETHZ-1/2020|2020-12-19|EPI_ISL_737647|Original|hCoV-19^^Switzerland|Human|Vioillier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/England/ALDP-A6FE74/2020|2020-10-15|EPI_ISL_608320|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DGCC-13489/2020|2020-11-30|EPI_ISL_712275|Original|hCoV-19^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Denmark/DGCC-7020/2020|2020-10-12|EPI_ISL_619867|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Northern Ireland/QEUH-96E869/2020|2020-08-19|EPI_ISL_530463|Original|hCoV-19^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-4972AA/2020|2020-11-26|EPI_ISL_726805|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Singapore/56/2020|2020-04-08|EPI_ISL_428835|Original|hCoV-19^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
>Spike|hCoV-19/Wales/PHWC-491774/2020|2020-11-06|EPI_ISL_706690|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/CAMC-B52C3D/2020|2020-11-09|EPI_ISL_657517|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DGCC-5913/2020|2020-10-05|EPI_ISL_620178|Original|hCoV-19^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Netherlands/DR-RIVM-20771/2020|2020-12-16|EPI_ISL_790913|Original|hCoV-19^Drenthe|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spike|hCoV-19/England/QEUH-9DACE4/2020|2020-09-22|EPI_ISL_580867|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/PORT-2F5154/2020|2020-00-00|EPI_ISL_703338|Original|hCoV-19^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike|hCoV-19/Wales/PHWC-166D3D/2020|2020-06-23|EPI_ISL_494107|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Japan/PG-7443/2020|2020-07-00|EPI_ISL_688545|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/USA/MI-MDHHS-SC21677/2020|2020-07-07|EPI_ISL_516404|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/England/ALDP-704BB6/2020|2020-06-30|EPI_ISL_557718|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Switzerland/ZH-ETHZ-380360|2020|2020-11-22|EPI_ISL_721944|Original|hCoV-19^England|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

Spike|hCoV-19/England/CWAR-24FDC35|2020|2020-05-04|EPI_ISL_584499|Original|hCoV-19^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

Spike|hCoV-19/England/QEUEH-787AB1|2020|2020-07-15|EPI_ISL_533036|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/ALDP-AA423B|2020|2020-10-22|EPI_ISL_624289|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/ALDP-B849E0|2020|2020-11-15|EPI_ISL_674385|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/Netherlands/ZH-EMC-501|2020|2020-08-25|EPI_ISL_577930|Original|hCoV-19^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands

Spike|hCoV-19/Chile/MA-CADIUMAG-18|2020|2020-06-18|EPI_ISL_681668|Original|hCoV-19^Magallanes|Human|Molecular Medicine Laboratory|Centro Asistencial Docente y de Investigacion|Navarrete|Chile

Spike|hCoV-19/USA/CA-ALSR-3345|2020|2020-09-18|EPI_ISL_635973|Original|hCoV-19^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavaru|USA

Spike|hCoV-19/England/ALDP-5CEF57|2020|2020-06-15|EPI_ISL_558526|Original|hCoV-19^England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/CAMC-AEA999E|2020|2020-10-26|EPI_ISL_633164|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Luxembourg/LNS4957650|2020|2020-10-31|EPI_ISL_744164|Original|hCoV-19^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

Spike|hCoV-19/Brazil/RJ-UFRJ-58110|2020|2020-05-29|EPI_ISL_492047|Original|hCoV-19^S\u00e9\u00e3|Paulo|Human|Instituto de Biologia do Ex\u00e9rcito|Laborat\u00e9rio|Garim\u00e9 de Casto|Moura-Neto|Brazil

Spike|hCoV-19/USA/CA-CZB-14639|2020|2020-11-16|EPI_ISL_738799|Original|hCoV-19^California|Human|Orange County Public Health Lab|Ch\u00e1n-Zuckerberg Biohub|Kamm|USA

Spike|hCoV-19/England/QEUEH-A36896|2020|2020-10-05|EPI_ISL_706922|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

Spike|hCoV-19/Sweden/20-53652|2020|2020-12-07|EPI_ISL_732657|Original|hCoV-19^Hallen|Human|Barnakuten|The Public Health Agency of Sweden|Svartstr\u00f6|Sweden

Spike|hCoV-19/Denmark/DGCC-12998|2020|2020-12-07|EPI_ISL_712128|Original|hCoV-19^Hovedstad|Human|Department of Virus and Microbiological Special Diagnostics|Albertsens Lab|Stark|United Kingdom

Spike|hCoV-19/England/2014021504|2020|2020-03-28|EPI_ISL_423515|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

Spike|hCoV-19/France/PAC-IHU-0109|2020|2020-03-23|EPI_ISL_569314|Original|hCoV-19^Provence-Alpes-C\u00e9|Laborat\u00e9|d\u00e9Au2019Azur|Human|MEPHI|MEPHI|Lesevassier|France

Spike|hCoV-19/Georgia/Tb-1352|2020|2020-03-28|EPI_ISL_420140|Original|hCoV-19^Tbilisi|Human|Department for Virology|Department for Virology|Murtkszchaladze|Georgia

Spike|hCoV-19/Denmark/DGCC-16948|2020|2020-12-14|EPI_ISL_750661|Original|hCoV-19^Hovedstad|Human|Department of Virus and Microbiological Special Diagnostics|Albertsens Lab|Stark|United Kingdom

Spike|hCoV-19/England/LOND-D3A44|2020|2020-04-06|EPI_ISL_441026|Original|hCoV-19^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-3184/2020|2020-06-13|EPI_ISL_544058|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B20CCF/2020|2020-11-02|EPI_ISL_647602|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A5P97/2020|2020-03-21|EPI_ISL_499669|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4931CF/2020|2020-11-28|EPI_ISL_725851|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-772/2020|2020-04-08|EPI_ISL_545601|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC14104/2020|2020-09-18|EPI_ISL_563969|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-S1529/2020|2020-05-24|EPI_ISL_495955|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/CA-QDX-1975/2020|2020-03-15|EPI_ISL_604217|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUH-B8285E/2020|2020-11-14|EPI_ISL_661665|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0989/2020|2020-04-10|EPI_ISL_583833|Original|hCoV-19^^Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Denmark/DCGC-22471/2020|2020-12-14|EPI_ISL_757579|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelesen|Denmark

>Spike|hCoV-19/Netherlands/NB-EMC-200/2020|2020-00-00|EPI_ISL_523323|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/NORW-EBC8F/2020|2020-05-05|EPI_ISL_457496|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/MILK-B96E19/2020|2020-11-14|EPI_ISL_674836|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-08403/2020|2020-05-15|EPI_ISL_524182|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/CVR4967/2020|2020-10-06|EPI_ISL_594731|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/LIVE-AA7A9/2020|2020-03-24|EPI_ISL_517501|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9397/2020|2020-11-16|EPI_ISL_668949|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelesen|Denmark

>Spike|hCoV-19/Denmark/DCGC-21576/2020|2020-12-21|EPI_ISL_758242|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelesen|Denmark

>Spike|hCoV-19/England/ALDP-A2F177/2020|2020-10-05|EPI_ISL_587175|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13898/2020|2020-11-30|EPI_ISL_713090|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelesen|Denmark
Spike\textit{hCoV-19}/Scotland/EDB10115/2020|2020-10-07|EPI\_ISL\_680476|Original|hCoV-19|Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

Spike\textit{hCoV-19}/Suriname/CCMB-4670/2020|2020-08-08|EPI\_ISL\_657103|Original|hCoV-19|Suriname|Human|Academic Hospital Paramaribo|Erasmus Medical Center|M\|0433|Suriname

Spike\textit{hCoV-19}/England/ALDP-9E75BC/2020|2020-09-25|EPI\_ISL\_594479|Original|hCoV-19|England|Human|Oxford Viromics|COVID-19 Genomics UK \(\text{COG-UK}\) Consortium|Davies|United Kingdom

Spike\textit{hCoV-19}/England/ALDP-9FBC49/2020|2020-10-01|EPI\_ISL\_587738|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike\textit{hCoV-19}/USA/MA\_3623/2020|2020-03-06|EPI\_ISL\_424917|Original|hCoV-19|Massachusetts|Human|MA State Public Health Laboratory|Pathogen Discovery|Queen|USA

Spike\textit{hCoV-19}/USA/NY-QDX-2363/2020|2020-03-16|EPI\_ISL\_604707|Original|hCoV-19|New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

Spike\textit{hCoV-19}/England/ALDP-AAOE1D/2020|2020-10-22|EPI\_ISL\_624078|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike\textit{hCoV-19}/USA/TX-HMH-MCoV-10665/2020|2020-07-08|EPI\_ISL\_789582|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike\textit{hCoV-19}/Japan/PG-4670/2020|2020-08-08|EPI\_ISL\_689807|Original|hCoV-19|Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Seikuzaka|Japan

Spike\textit{hCoV-19}/England/QEUH-B433FE/2020|2020-11-08|EPI\_ISL\_657103|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike\textit{hCoV-19}/USA/TX-HMH-MCoV-13865/2020|2020-08-17|EPI\_ISL\_787158|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike\textit{hCoV-19}/Netherlands/NoordBrabant_54/2020|2020-03-09|EPI\_ISL\_415510|Original|hCoV-19|Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

Spike\textit{hCoV-19}/USA/MD-MDH-0433/2020|2020-11-10|EPI\_ISL\_666801|Original|hCoV-19|Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

Spike\textit{hCoV-19}/Netherlands/NB-EMC-186/2020|2020-05-25|EPI\_ISL\_523309|Original|hCoV-19|Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

Spike\textit{hCoV-19}/India/TG-CCMB-AA560/2020|2020-08-12|EPI\_ISL\_539633|Original|hCoV-19|Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India
>Spike|hCoV-19/Australia/VIC12444/2020|2020-08-02|EPI_ISL_640434|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spica^hCoV-19/Switzerland/BE-ETHZ-230061/2020|2020-08-05|EPI_ISL_516597|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spica^hCoV-19/England/ALDP-97CFAF/2020|2020-07-18|EPI ISL_526319|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom
>Spica^hCoV-19/Netherlands/NA_657/2020|2020-00-00|EPI_ISL_461092|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spica^hCoV-19/England/MILK-BB2406/2020|2020-11-18|EPI ISL_720261|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spica^hCoV-19/England/CAMB-7A39F/2020|2020-04-01|EPI ISL_441108|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spica^hCoV-19/Norway/3213/2020|2020-08-24|EPI ISL_549040|Original|hCoV-19^^Viken|Human|Medical Microbiology Unit|Norwegian Institute of Public Health|Kopperud Ris|Norway
>Spica^hCoV-19/England/ALDP-94FB38/2020|2020-06-15|EPI ISL_555182|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spica^hCoV-19/Netherlands/UT-RIVM-20164/2020|2020-11-29|EPI ISL_723331|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spica^hCoV-19/Denmark/DCGC-9421/2020|2020-11-09|EPI ISL_668963|Original|hCoV-19^^Novedadsten|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spica^hCoV-19/England/MILK-975BA2/2020|2020-07-28|EPI ISL_552626|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spica^hCoV-19/Denmark/DCGC-2339/2020|2020-08-10|EPI ISL_617677|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spica^hCoV-19/India/MH-ACTREC-072/2020|2020-05-18|EPI ISL_699728|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
>Spica^hCoV-19/England/CAMC-B799B1/2020|2020-11-12|EPI ISL_667953|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spica^hCoV-19/USA/MN-MDH-2088/2020|2020-10-31|EPI ISL_683717|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA
>Spica^hCoV-19/USA/LA-EVT026/2020|2020-04-24|EPI ISL_435564|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spica^hCoV-19/USA/MS-CDC-6556/2020|2020-09-03|EPI ISL_648040|Original|hCoV-19^^Mississippi|Human|MS Public Health Laboratory|Pathogen Discovery|Queen|USA
>Spica^hCoV-19/England/ALDP-A6FF44/2020|2020-10-15|EPI ISL_608000|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spica^hCoV-19/USA/TX-HMH-MCoV-10401/2020|2020-07-08|EPI ISL_789453|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spica^hCoV-19/England/DCGC-822/2020|2020-04-20|EPI ISL_614727|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spica^hCoV-19/USA/WA-S2164/2020|2020-06-08|EPI ISL_497592|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spike|hCoV-19/Germany/TH-IIMK-CaSe-12/2020|2020-11-30|EPI_ISL_728324|Original|hCoV-19^^Thuringia|Human|Jena University Hospital|Institute of infectious medicine & hospital hygiene|Brandt|Germany
>Spk|hCoV-19/Wales/PHWC-2623B/2020|2020-03-27|EPI_ISL_422305|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spk|hCoV-19/Australia/VIC4377/2020|2020-07-14|EPI_ISL_519673|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU–PHL)|Schultz|Australia
>Spk|hCoV-19/England/CAMB-7F3A9/2020|2020-04-08|EPI_ISL_470358|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spk|hCoV-19/Northern Ireland/QEUH-96D9C1/2020|2020-08-20|EPI_ISL_530777|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spk|hCoV-19/Spain/CB-IBV-98007066/2020|2020-09-03|EPI_ISL_582095|Original|hCoV-19^^Spain|Human|Hospital Universitario Marqués de Valdecilla – IDIVAL (Santander|SegCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>Spk|hCoV-19/England/CAMC-C99431/2020|2020-12-18|EPI_ISL_777513|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spk|hCoV-19/Scotland/QEUH-668/2020|2020-09-28|EPI_ISL_631321|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spk|hCoV-19/England/OXON-BOE6F/2020|2020-01-00|EPI_ISL_478970|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics Uk (COG-UK) Consortium|Golubchik|United Kingdom
>Spk|hCoV-19/Germany/TH-IIMK-CaSe-12/2020|2020-11-25|EPI_ISL_703529|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spk|hCoV-19/Scotland/QEUH-C30CBB/2020|2020-12-11|EPI_ISL_757131|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spk|hCoV-19/England/ALDP-95C3C7/2020|2020-06-20|EPI_ISL_555058|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spk|hCoV-19/Singapore/760/2020|2020-04-26|EPI_ISL_507005|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore
>Spike|hCoV-19|England/CAMC-990B29/2020|2020-08-27|EPI_ISL_551858|Original|hCoV-19
>England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spilke|hCoV-19|England/LIVE-DBD381/2020|2020-10-27|EPI_ISL_664523|Original|hCoV-19
>England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spilke|hCoV-19|Portugal/PT0147/2020|2020-03-27|EPI_ISL_453863|Original|hCoV-19
>Portugal|Human|unknown|Instituto Nacional de Saúde (INSA)|Borges|Portugal

>Spilke|hCoV-19|Denmark/DCGC-12180/2020|2020-11-23|EPI_ISL_682361|Original|hCoV-19
>Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spilke|hCoV-19|England/CAMB-7966A/2020|2020-04-03|EPI_ISL_441194|Original|hCoV-19
>England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spilke|hCoV-19|England/QEUH-9F477A/2020|2020-09-26|EPI_ISL_600708|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spilke|hCoV-19|England/QEUH-AOC4A4/2020|2020-10-03|EPI_ISL_584979|Original|hCoV-19
>England|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Ali Khan|United Kingdom

>Spilke|hCoV-19|England/ALDP-A8766F/2020|2020-10-17|EPI_ISL_606010|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spilke|hCoV-19|England/ALDP-B62FD7/2020|2020-11-08|EPI_ISL_655311|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spilke|hCoV-19|England/UT-UPHL-200914/2020|2020-05-30|EPI_ISL_525135|Original|hCoV-19
>Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spilke|hCoV-19|Switzerland/ETHZ-321420/2020|2020-10-14|EPI_ISL_603658|Original|hCoV-19
>Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spilke|hCoV-19|USA/VA-DCLS-0089/2020|2020-04-02|EPI_ISL_429986|Original|hCoV-19
>Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacobs|USA

>Spilke|hCoV-19|England/PORT-2F55FE/2020|2020-00-00|EPI_ISL_704593|Original|hCoV-19
>England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spilke|hCoV-19|Wales/PHWC-28791/2020|2020-04-13|EPI_ISL_445760|Original|hCoV-19
>Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/Australia/VIC5963/2020|2020-00-00|EPI_ISL_518738|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-15229/2020|2020-10-19|EPI_ISL_786713|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC8945/2020|2020-07-28|EPI_ISL_565299|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-2540/2020|2020-05-00|EPI_ISL_690675|Original|hCoV-19^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NORT-289410/2020|2020-03-29|EPI_ISL_458612|Original|hCoV-19^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHSS-SC20267/2020|2020-04-23|EPI_ISL_447065|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Scotland/CVR4368/2020|2020-09-15|EPI_ISL_573790|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/mink/Netherlands/NB-EMC-36-5/2020|2020-08-20|EPI_ISL_577781|Original|hCoV-19^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/WA-UW-12377/2020|2020-06-27|EPI_ISL_570520|Original|hCoV-19^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Australia/VIC13303/2020|2020-07-27|EPI_ISL_563661|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Luxembourg/LNS1799088/2020|2020-11-28|EPI_ISL_739994|Original|hCoV-19^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/205020756/2020|2020-12-07|EPI_ISL_723041|Original|hCoV-19^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Iceland/61/2020|2020-03-06|EPI_ISL_417731|Original|hCoV-19^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|\u00f3rio de Parasitologia

>Spike|hCoV-19/Denmark/DCGC-1079/2020|2020-05-11|EPI_ISL_614504|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-C2B-12840/2020|2020-10-20|EPI_ISL_648486|Original|hCoV-19^California|Human|Santa Clara Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/ALDP-B836F9/2020|2020-11-14|EPI_ISL_675167|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1399/2020|2020-03-28|EPI_ISL_511358|Original|hCoV-19^Portugal|Human|Instituto Nacional de Saude (INS)\n|\n|Instituto Nacional de Saude (INS)\n|Borges|Portugal

>Spike|hCoV-19/Oman/205039048/2020|2020-05-27|EPI_ISL_492002|Original|hCoV-19^Muscat|Human|Oman-NIC\nDepartment of u00a0OMicrobiology\u00a0and Immunology-SQUH\nAL Zadjali|Oman

>Spike|hCoV-19/USA/NY-Wadsworth-11205-01/2020|2020-03-06|EPI_ISL_676729|Original|hCoV-19^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-11371/2020|2020-09-05|EPI_ISL_790001|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Brazil/SP-L26-CD564/2020|2020-04-23|EPI_ISL_672738|Original|hCoV-19^S\u00e0o Paulo|Human|Hospital das Cl\u00e9nicas da Faculdade de Medicina da Universidade de S\u00e0o Paulo (HC-FMUSP)|Laborat\u00f3rio de Parasitologia
>Spike|hCoV-19/Australia/VIC15168/2020|2020-08-11|EPI_ISL_593169|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spillum|hCoV-19/USA/MA-MASPHL-00481/2020|2020-05-01|EPI_ISL_693086|Original|hCoV-19^^England|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spillum|hCoV-19/Northern Ireland/NIRE-107536/2020|2020-03-30|EPI_ISL_585165|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spillum|hCoV-19/USA/CA-CZB-13418/2020|2020-09-03|EPI_ISL_672465|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spillum|hCoV-19/England/QEUH-9FF733/2020|2020-10-02|EPI_ISL_600347|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spillum|hCoV-19/England/ALDP-A6F481/2020|2020-10-14|EPI_ISL_607703|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spillum|hCoV-19/Australia/ACT0007/2020|2020-03-25|EPI_ISL_498474|Original|hCoV-19^Australia|Human|Australian Capital Territory|Human ACT Pathology|Schuessinger Lab|Hall|Australia

>Spillum|hCoV-19/England/MLK-B9624A/2020|2020-11-13|EPI_ISL_675021|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spillum|hCoV-19/USA/UN-UW-1791/2020|2020-03-20|EPI_ISL_424249|Original|hCoV-19^USA|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spillum|hCoV-19/England/ALDP-A6F481/2020|2020-10-14|EPI_ISL_607703|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spillum|hCoV-19/Australia/ACT0007/2020|2020-03-25|EPI_ISL_498474|Original|hCoV-19^Australia|Human|Australian Capital Territory|Human ACT Pathology|Schuessinger Lab|Hall|Australia

>Spillum|hCoV-19/USA/CA-ALSR-0541-SAN/2020|2020-04-24|EPI_ISL_483212|Original|hCoV-19^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spillum|hCoV-19/Netherlands/GE-RIVM-20475/2020|2020-12-04|EPI_ISL_728690|Original|hCoV-19^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spillum|hCoV-19/England/LOND-D37D4/2020|2020-03-31|EPI_ISL_440988|Original|hCoV-19^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spillum|hCoV-19/Australia/VIC15406/2020|2020-07-30|EPI_ISL_593289|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spillum|hCoV-19/England/LOND-126132D/2020|2020-04-02|EPI_ISL_524626|Original|hCoV-19^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spillum|hCoV-19/USA/WA-S1521/2020|2020-05-23|EPI_ISL_495947|Original|hCoV-19^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spillum|hCoV-19/Wuhan/0125-A142/2020|2020-01-25|EPI_ISL_493150|Original|hCoV-19^Hubei|Human|National Virus Resource Center|Computational Virology Group|Liu|China

>Spillum|hCoV-19/England/ALDP-95654F/2020|2020-06-08|EPI_ISL_553910|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spillum|hCoV-19/England/ALDP-CECA79/2020|2020-12-21|EPI_ISL_782212|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/ALDP-AAO98/2020|2020-10-22|EPI_ISL_623869|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA/TX-HMH-MCoV-12673/2020|2020-08-29|EPI_ISL_790457|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|USA/WI-UW-1829/2020|2020-09-09|EPI_ISL_605701|Original|hCoV-19|Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
Spike|hCoV-19|England/ALDP-9C54B7/2020|2020-09-10|EPI_ISL_567538|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/MILK-A6A2B9/2020|2020-10-08|EPI_ISL_627497|Original|hCoV-19|England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
Spike|hCoV-19|England/ALDP-AC1283/2020|2020-10-10|EPI_ISL_644118|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA/FL-BPHL-0800/2020|2020-07-01|EPI_ISL_514146|Original|hCoV-19|Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
Spike|hCoV-19|England/ALDP-AC1283/2020|2020-10-10|EPI_ISL_644118|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Australia/VIC9411/2020|2020-07-23|EPI_ISL_518175|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19|England/ALDP-AC1283/2020|2020-10-10|EPI_ISL_644118|Original|hCoV-19|England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Australia/VIC6169/2020|2020-07-23|EPI_ISL_518175|Original|hCoV-19|Victoria|Human|Victoria Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
Spike|hCoV-19|Japan/PG-5677/2020|2020-04-00|EPI_ISL_688801|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19|England/ALDP-AC2095/2020|2020-10-22|EPI_ISL_624928|Original|hCoV-19|England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Spain/CT-IBM-005626/2020|2020-03-29|EPI_ISL_508661|Original|hCoV-19|Catalunya|Human|Departamento de Microbiología|006da|SeqCOVID-SPAIN consortium|IBV|CSIC|Spain
Spike|hCoV-19|Nigeria/KW-CV401/2020|2020-07-12|EPI_ISL_730048|Original|hCoV-19|Kwara State|Human|Nigeria Centre for Disease Control (NCDC)|African Centre for Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria
Spike|hCoV-19|Wales/PWRC-4A038D/2020|2020-12-05|EPI_ISL_743436|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19|England/ALDP-C049AB/2020|2020-12-04|EPI_ISL_720853|Original|hCoV-19|England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/ALDP-B4810E/2020|2020-11-07|EPI_ISL_649197|Original|hCoV-19|England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/ALDP-A6F867/2020|2020-10-15|EPI_ISL_607008|Original|hCoV-19|England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|England/ALDP-AC1283/2020|2020-10-10|EPI_ISL_644118|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/tx-HMH-MCoV-14523/2020|2020-10-08|EPI_ISL_787808|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spa|hCoV-19/Luxembourg/LNS6258184/2020|2020-10-20|EPI_ISL_744392|Original|hCoV-19^^Luxembourg|Human|Labrador national de santé|Labrador national de santé|Wiencke-Baldacchino|Luxembourg
>Spa|hCoV-19/USA/LA-SR0266/2020|2020-03-31|EPI_ISL_445121|Original|hCoV-19^^Louisiana|Human|Robert Garry lab|Andersen lab at Scripps Research|Gangavarapu|USA
>Spa|hCoV-19/Denmark/DGCC-21586/2020|2020-12-21|EPI_ISL_758250|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spa|hCoV-19/England/ALDP-C3B176/2020|2020-12-08|EPI_ISL_731611|Original|hCoV-19^^England|Human|Wirehouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spa|hCoV-19/Japan/PG-3993/2020|2020-07-00|EPI_ISL_692234|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spa|hCoV-19/England/ALDP-A5122E/2020|2020-10-07|EPI_ISL_598215|Original|hCoV-19^^England|Human|Wirehouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spa|hCoV-19/USA/ AZ-CDC-2-3693700/2020|2020-11-02|EPI_ISL_747122|Original|hCoV-19^^Arizona|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA
>Spa|hCoV-19/Spain/AS-IVB-98006646/2020|2020-04-13|EPI_ISL_654633|Original|hCoV-19^^Asturias|Human|Servicio de Microbiología|Servicio de Microbiología|SeqCOVID-SPAIN consortium|IVB(CSIC)|Comas|Spain
>Spa|hCoV-19/England/CAMC-A81FF1/2020|2020-10-14|EPI_ISL_610662|Original|hCoV-19^^England|Human|Wirehouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spa|hCoV-19/USA/WI-UK-1427/2020|2020-09-11|EPI_ISL_541560|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison Campus AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Bazencas|USA
>Spa|hCoV-19/England/QEUH-5EEE45/2020|2020-06-16|EPI_ISL_533242|Original|hCoV-19^^England|Human|Wirehouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spa|hCoV-19/Gibraltar/205000633/2020|2020-12-00|EPI_ISL_709968|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar
>Spa|hCoV-19/USA/WI-WSLH-200450/2020|2020-05-19|EPI_ISL_578595|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA
>Spa|hCoV-19/Belgium/rega-0410573/2020|2020-04-10|EPI_ISL_734563|Original|hCoV-19^^Tienen|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Spa|hCoV-19/Ireland/CN-NVRL-20IRL82783/2020|2020-10-05|EPI_ISL_639869|Original|hCoV-19^^Cavan|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland
>Spa|hCoV-19/USA/CA-CZB-13098/2020|2020-05-12|EPI_ISL_672351|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA
>Spa|hCoV-19/Italy/APU-IZSPB-2787PT/2020|2020-11-02|EPI_ISL_653772|Original|hCoV-19^^Apulia|Human|I.R.C.C.S. \ S. De Bellis\ - Ente Ospedaliero|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy
>Spa|hCoV-19/USA/TX-HMH-790/2020|2020-04-03|EPI_ISL_545691|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spa|hCoV-19/Canada/ON-OICR-SLB2798/2020|2020-03-28|EPI_ISL_538330|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Centre / Queen's University|Ontario Institute for Cancer Research|de Borja|Canada
>Spa|hCoV-19/USA/NE-10740/2020|2020-05-05|EPI_ISL_475175|Original|hCoV-19^^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA
>Spa|hCoV-19/United Arab Emirates/L4682/2020|2020-02-25|EPI_ISL_435135|Original|hCoV-19^^United Arab Emirates|Human|Mohammed Bin Rashid
Spike|hCoV-19/Scotland/QEUH-A1E0AB/2020/2020-10-01|EPI_ISL_598888|Original|hCoV-19|Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/USA/VA-DCLS-1775/2020/2020-09-09|EPI_ISL_644865|Original|hCoV-19|Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

Spike|hCoV-19/Spain/MD-IBV-99012449/2020/2020-11-19|EPI_ISL_780034|Original|hCoV-19|Spain|human|Hospital General Universitario Gregorio Mara\u00f1o|u00f1|u00f3|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

Spike|hCoV-19/Wales/PHWC-4A5616/2020/2020-12-16|EPI_ISL_764895|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19/USA/NY-NYCPHL-000601/2020/2020-03-10|EPI_ISL_632059|Original|hCoV-19|New York|Human|Proximedical Urgent Care|New York City Public Health Laboratory|Wang|USA

Spike|hCoV-19/England/LOND-D9B3C/2020/2020-10-13|EPI_ISL_611596|Original|hCoV-19|England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

Spike|hCoV-19/Switzerland/BS-UHB-42195942/2020/2020-03-17|EPI_ISL_528189|Original|hCoV-19|Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

Spike|hCoV-19/Wales/MLIK-55D47C/2020/2020-06-09|EPI_ISL_558242|Original|hCoV-19|Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Switzerland/BE-ETHZ-250096/2020/2020-08-19|EPI_ISL_535612|Original|hCoV-19|Bern|Human|Vio11er AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

Spike|hCoV-19/USA/MI-MDHH-S-S20536/2020/2020-04-16|EPI_ISL_460584|Original|hCoV-19|Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

Spike|hCoV-19/England/204381363/2020/2020-10-22|EPI_ISL_649857|Original|hCoV-19|England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

Spike|hCoV-19/USA/TX-HMH-MCoV-9989/2020/2020-07-06|EPI_ISL_780369|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19/Scotland/QEUH-9D0808/2020/2020-09-16|EPI_ISL_601835|Original|hCoV-19|Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Denmark/DCGC-1661/2020/2020-05-11|EPI_ISL_622410|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

Spike|hCoV-19/USA/NY-PV09080/2020/2020-03-20|EPI_ISL_421625|Original|hCoV-19|New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

Spike|hCoV-19/Costa Rica/INC-0069/2020/2020-07-02|EPI_ISL_512674|Original|hCoV-19|Costa Rica|Human|Hospital De Ni\u00f1o|u00f1o|u00f3|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

Spike|hCoV-19/Wales/PHWC-26CD3/2020/2020-03-30|EPI_ISL_422190|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

Spike|hCoV-19/Wales/PHWC-16A11/2020/2020-09-08|EPI_ISL_560156|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19/England/NORT-298760/2020/2020-05-19|EPI_ISL_469342|Original|hCoV-19|England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/USA/WA-UW-517/2020/2020-03-11|EPI_ISL_430867|Original|hCoV-19|Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

Spike|hCoV-19/Australia/NWS2273/2020/2020-03-22|EPI_ISL_509517|Original|hCoV-19|New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia
>Spike|hCoV-19/South Africa/Tygerberg_365_CC2/2020|2020-10-16|EPI_ISL_660157|Original|hCoV-19^Western Cape|Human|PathCare|National Health Laboratory Service (NHLS)|de Oliveira|South Africa
>Spike|hCoV-19/England/ALDP-B1B3PF/2020|2020-11-01|EPI_ISL_645565|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Spain/MD-HLP-R63/2020|2020-03-17|EPI_ISL_530109|Original|hCoV-19^Madrid|Human|Hospital Universitario Ram\u00f1o y Cajal|Hospital Universitario La Paz|Viedma|Spain
>Spike|hCoV-19/England/BRIS-12BE6E/2020|2020-05-08|EPI_ISL_469363|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-C3335A/2020|2020-12-11|EPI_ISL_734052|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Belgium/ULG-10439/2020|2020-08-17|EPI ISL 581594|Original|hCoV-19^Li\u00e0u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
>Spike|hCoV-19/Australia/VIC6967/2020|2020-07-23|EPI_ISL_564166|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Japan/PG-1126/2020|2020-03-00|EPI_ISL_684736|Original|hCoV-19^Japan|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
>Spike|hCoV-19/USA/NY-SURV0162/2020|2020-03-09|EPI_ISL_436051|Original|hCoV-19^New York|Human|NYC Department of Health and Mental Hygiene|Pathogen Discovery|Queen|USA
>Spike|hCoV-19/Wales/PHWC-16C7FD/2020|2020-09-23|EPI_ISL_574097|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/UT-UPHLC-2012360496/2020|2020-10-22|EPI_ISL_746275|Original|hCoV-19^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/England/NOTT10E942/2020|2020-03-29|EPI_ISL_425615|Original|hCoV-19^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19/United Arab Emirates/0338/2020|2020-05-19|EPI_ISL_698514|Original|hCoV-19^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
>Spike|hCoV-19/USA/CA-CZB-12943/2020|2020-10-18|EPI_ISL_672365|Original|hCoV-19^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA
>Spike|hCoV-19/Denmark/DCGC-13015/2020|2020-12-07|EPI_ISL_712530|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsens Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/MILK-9787C9/2020|2020-07-31|EPI_ISL_550419|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/NT52/2020|2020-07-08|EPI_ISL_521861|Original|hCoV-19^Northern Territory|Human|Royal Darwin Hospital Pathology|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Canada/ON-PHL-20-01322/2020|2020-06-00|EPI_ISL_548925|Original|hCoV-19^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada
>Spike|hCoV-19/India/MH-ACTRREC-379/2020|2020-07-24|EPI_ISL_700028|Original|hCoV-19^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
>Spike|hCoV-19/Wales/PHWC-16A58C/2020|2020-09-09|EPI_ISL_540907|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/South Africa/KRISP-0555/2020|2020-07-15|EPI_ISL_498094|Original|hCoV-19^KwaZulu-Natal|Human|NHLS-TALCH|KRISP|de Oliveira|South Africa
>Spike|hCoV-19/USA/CA-CHLA-PLM77242671/2020|2020-11-10|EPI_ISL_753329|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA
>Sp}ike|hCoV-19/Wales/ALDP-A955AD/2020|2020-10-20|EPI_ISL_624691|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp}ike|hCoV-19/Scotland/QEUH-9F3a90/2020|2020-09-24|EPI_ISL_600815|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp}ike|hCoV-19/USA/CO-CDC-5610/2020|2020-03-07|EPI_ISL_452127|Original|hCoV-19^^Colorado|Human|CO Department of Public Health and Environment|Pathogen Discovery|Queen|USA
>Sp}ike|hCoV-19/Malaysia/UNIMAS-11942/2020|2020-07-18|EPI_ISL_718146|Original|hCoV-19^^Malaysia|Human|Ministry of Health Hospitals|Institute of Health and Community Medicine|Jonathan|Malaysia
>Sp}ike|hCoV-19/Suriname/SR-34/2020|2020-06-25|EPI_ISL_517645|Original|hCoV-19^^Suriname|Human|Academic Hospital Paramaribo|Erasmus Medical Center|M|u00f06fcng|Suriname
>Sp}ike|hCoV-19/England/MILK-A7DD1C/2020|2020-10-13|EPI_ISL_606507|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp}ike|hCoV-19/USA/TX-HHH-MCoV-12105/2020|2020-09-20|EPI_ISL_790204|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Sp}ike|hCoV-19/Iceland/193/2020|2020-03-16|EPI_ISL_417820|Original|hCoV-19^^Iceland|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f0u00f3nsson|Iceland
>Sp}ike|hCoV-19/Australia/VIC12097/2020|2020-08-10|EPI_ISL_641103|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Sp}ike|hCoV-19/Kenya/C1401/2020|2020-04-20|EPI_ISL_457860|Original|hCoV-19^^Kenya|Human|KEMRI-CGMR-C|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya
>Sp}ike|hCoV-19/England/PORT-2D24EB/2020|2020-03-25|EPI_ISL_507151|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) consortium|Robson|United Kingdom
>Sp}ike|hCoV-19/Japan/PG-2233/2020|2020-04-00|EPI_ISL_685838|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Sp}ike|hCoV-19/France/ARA-SC111/2020|2020-04-06|EPI_ISL_700375|Original|hCoV-19^^France|Human|Auvergne-Rh\u00f4ne-Alpes|Human|Centre hospitalier Mu\u00e9tropole Savoie|CNR Virus des Infections Respiratoires – France|SUD|Bal|France
>Sp}ike|hCoV-19/England/ALDP-AA3665/2020|2020-10-21|EPI_ISL_624074|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp}ike|hCoV-19/England/ALDP-5AF01D/2020|2020-06-17|EPI_ISL_558766|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp}ike|hCoV-19/England/ALDP-A2E3AF/2020|2020-10-05|EPI_ISL_586778|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp}ike|hCoV-19/England/LIVE-9DA55/2020|2020-04-28|EPI_ISL_449612|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) consortium|Haldenby|United Kingdom
>Sp}ike|hCoV-19/Spain/RI-IVB-006016/2020|2020-03-29|EPI_ISL_500446|Original|hCoV-19^^Spain|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|u00f0SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
>Sp}ike|hCoV-19/Denmark/DCGC-6881/2020|2020-10-12|EPI_ISL_619726|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Micheelsen|Denmark
>Sp}ike|hCoV-19/Japan/PG-4306/2020|2020-07-00|EPI_ISL_692534|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/ALDP-95CCCC/2020|2020-06-17|EPI ISL 555119|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spek|hCoV-19/USA/TX-HMH-5912/2020|2020-06-28|EPI ISL 547104|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spek|hCoV-19/Iceland/219/2020|2020-03-16|EPI ISL 47835|Original|hCoV-19|Reykjavik|Human|The National University Hospital of Iceland|deCODE
>Spike|hCoV-19/England/QEUH-AEI98/2020|2020-10-27|EPI ISL 633634|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/205000140/2020|2020-12-00|EPI ISL 709949|Original|hCoV-19|England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spike|hCoV-19/England/NP6/2020|2020-00-00|EPI ISL 479782|unknown|hCoV-19|England|Human|Breuer Lab|Breuer Lab|Pang|United Kingdom
>Spike|hCoV-19/Wales/ALDP-BBA6CC/2020|2020-11-20|EPI ISL 710729|Original|hCoV-19|Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/PG-1113/2020|2020-04-00|EPI ISL 684723|Original|hCoV-19|Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Seikuzuka|Japan
>Spike|hCoV-19/England/MLIK-BFC26/2020|2020-12-02|EPI ISL 720742|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/NY-Wadsworth-280024-01/2020|2020-11-25|EPI ISL 754498|Original|hCoV-19|New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
>Spike|hCoV-19/Netherlands/NoordBrabant_28/2020|2020-03-08|EPI ISL 414537|Original|hCoV-19|Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/Scotland/CVR3443/2020|2020-05-08|EPI ISL 461702|Original|hCoV-19|Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/Norway/3112/2020|2020-08-05|EPI ISL 549135|Original|hCoV-19|Viken|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Kopperud Riis|Norway
>Spike|hCoV-19/Jordan/AM-ALSR-5161/2020|2020-10-15|EPI ISL 730400|Original|hCoV-19|Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordon
>Spike|hCoV-19/Australia/VIC91/2020|2020-03-15|EPI ISL 419804|Original|hCoV-19|Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia
>Spike|hCoV-19/Australia/VIC3861/2020|2020-07-13|EPI ISL 520574|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/204742228/2020|2020-00-00|EPI ISL 649930|Original|hCoV-19|England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
| COVID-19 Spike Protein Data | Location | Source |
|-----------------------------|---------|--------|
| Denmark/Denmark/DCGC-3053   | 2020-08-31 | EPI_ISL_616833 | Original | hCoV-19^Hovedstaden/Human/Department of Virus and Microbiological Special Diagnostics/Albertsen lab/Michaelensen/Denmark |
| England/ALDP-B5B79D/2020    | 2020-11-09 | EPI_ISL_655329 | Original | hCoV-19^England/Human/Lighthouse Lab in Alderney Park/Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium/Davies/United Kingdom |
| Hungary/UD-58004/2020       | 2020-09-02 | EPI_ISL_671447 | Original | hCoV-19^Borsod-Abauj/Zemplu u00e9fe county/Human/University of Debrecen/National Laboratory of Virology/Kemenesi/Hungary |
| Ireland/OY-NVRL-721RL00303 | 2020-08-05 | EPI_ISL_525408 | Original | hCoV-19^Offaly/Human/National Virus Reference Laboratory/National Virus Reference Laboratory/Gonzalez/Ireland |
| Canada/BC_0591640/2020      | 2020-04-00 | EPI_ISL_466792 | Original | hCoV-19^British Columbia/Human/BCCDC Public Health Laboratory/BCCDC Public Health Laboratory/Harrigan/Canada |
| Switzerland/ZH-ETHZ-220057 | 2020-07-24 | EPI_ISL_512027 | Original | hCoV-19^Zurich/Human/Violier AG/Department of Biosystems Science and Engineering/Nadeau/Switzerland |
| Sweden/20-51275/2020        | 2020-05-04 | EPI_ISL_510821 | Original | hCoV-19^Varmland/Human/Klinisk mikrobiologi central jukhuset Karlstad/The Public Health Agency of Sweden/Svartstru u00f6m/Sweden |
| England/MILK-B05695/2020    | 2020-10-24 | EPI_ISL_652188 | Original | hCoV-19^England/Human/Queens Medical Centre/COVID-19 Genomics UK (COG-UK) Consortium/Loose/United Kingdom |
| Switzerland/BS-126953/2020  | 2020-04-10 | EPI_ISL_458929 | Original | hCoV-19^England/Human/PHE South West Regional Laboratory/Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium/Davies/United Kingdom |
| Germany/SH-ChVir3215/2020   | 2020-03-23 | EPI_ISL_729545 | Original | hCoV-19^Schleswig-Holstein/Human/A. Krumbholz/Charit/u00e9 Universit/u00e9tsmedizin Berlin/Muehlmann/Germany |
| England/ALDP-95614B/2020    | 2020-06-08 | EPI_ISL_554061 | Original | hCoV-19^England/Human/Lighthouse Lab in Alderney Park/Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium/Davies/United Kingdom |
| France/PAC-IHU-0537/2020    | 2020-04-07 | EPI_ISL_569580 | Original | hCoV-19^Provence-Alpes-C' u00f4te-d'u2019Azur/Human/MEPHI/MEPHI/Levasseur/France |
| Switzerland/WHC-99724/2020  | 2020-10-27 | EPI_ISL_725999 | Original | hCoV-19^Wales/Human/Originating lab/COVID-19 Genomics UK (COG-UK) Consortium/Moore/United Kingdom |
| India/MH-ACTREC-068/2020    | 2020-05-17 | EPI_ISL_699724 | Original | hCoV-19^Maharashtra/Human/Hematopathology Laboratory/Hematopathology Laboratory/Patkar/India |
| USA/WI-UW-1794/2020         | 2020-09-14 | EPI_ISL_605666 | Original | hCoV-19^Wisconsin/Human/University of Wisconsin-Madison AIDS Vaccine Research Laboratories/University of Wisconsin-Madison AIDS Vaccine Research Laboratories/Baczenas/USA |
| England/ALDP-AA1ABE/2020    | 2020-10-22 | EPI_ISL_624245 | Original | hCoV-19^England/Human/Lighthouse Lab in Alderney Park/Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium/Davies/United Kingdom |
| Switzerland/BS-42188723/2020| 2020-03-14 | EPI_ISL_581718 | Original | hCoV-19^Basel-Stadt/Human/University Hospital Basel/University Hospital Basel/Roloff Handschin/Switzerland |
| USA/WI-GMF-32476/2020       | 2020-11-09 | EPI_ISL_661148 | Original | hCoV-19^Wisconsin/Human/Gundersen Molecular Diagnostics Laboratory/Kabara Cancer Research Institute/Kenny/USA |
| England/ALDP-C3C1A/2020     | 2020-12-10 | EPI_ISL_731879 | Original | hCoV-19^England/Human/Lighthouse Lab in Alderney Park/Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium/Davies/United Kingdom |
| England/CAMC-A65682/2020    | 2020-10-10 | EPI_ISL_608509 | Original | hCoV-19^England/Human/Lighthouse Lab in Cambridge/Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium/Davies/United Kingdom |
>Spike|hCoV-19|England| MILK-BAAAE1|2020|2020-11-18|EPI_ISL_681444|Original|hCoV-19
England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19|Canada|ON-UHTC_0035|2020|2020-04-07|EPI_ISL_464033|unknown|hCoV-19
Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19|USA|NY-MSK-6D|2020|2020-05-06|EPI_ISL_583447|Original|hCoV-19
New York|Human|Memorial Sloan Kettering Cancer Center|van Bakel Laboratory|van Bakel|USA

>Spike|hCoV-19|Denmark|ALAB-SSI-1230|2020|2020-04-02|EPI_ISL_437637|Original|hCoV-19
Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19|England|PORT-2F5FD2|2020|2020-00-00|EPI_ISL_651070|Original|hCoV-19
England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19|England|ALDP-94F6DD|2020|2020-06-18|EPI_ISL_555833|Original|hCoV-19
England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|Canada|NS-NML-1314|2020|2020-04-09|EPI_ISL_579695|Original|hCoV-19
Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19|Scotland|CVR2918|2020|2020-04-22|EPI_ISL_473631|Original|hCoV-19
Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Roberton|United Kingdom

>Spike|hCoV-19|Australia|VIC5036|2020|2020-07-18|EPI_ISL_519840|Original|hCoV-19
Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19|England|ALDP-A9269E|2020|2020-10-19|EPI_ISL_611067|Original|hCoV-19
England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|USA|TX-HMH-MCoV-14199|2020|2020-10-03|EPI_ISL_787484|Original|hCoV-19
Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19|Switzerland|BE-ETHZ-100197|2020|2020-03-17|EPI_ISL_574915|Original|hCoV-19
Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19|England|MILK-B04DBF|2020|2020-10-23|EPI_ISL_652177|Original|hCoV-19
England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19|USA|MD-MDH-0027|2020|2020-04-04|EPI_ISL_481273|Original|hCoV-19
Maryland|Human|Maryland Department of Health|Maryland Department of Health|Keller|USA

>Spike|hCoV-19|USA|WA-UW-4608|2020|2020-03-26|EPI_ISL_515279|Original|hCoV-19
Washington|Human|University of Washington Virology Lab|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19|England|ALDP-A51006|2020|2020-10-07|EPI_ISL_597610|Original|hCoV-19
England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|Scotland|EDB1630|2020|2020-04-14|EPI_ISL_433094|Original|hCoV-19
Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19|Wales|PHWC-4A1683|2020|2020-12-10|EPI_ISL_743708|Original|hCoV-19
Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19|Switzerland|BL-UHB-42180263|2020|2020-03-06|EPI_ISL_527949|Original|hCoV-19
Basel|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19|Oman|205024076|2020|2020-03-24|EPI_ISL_457707|Original|hCoV-19
Muscat|Human|Oman-NIC|Department of \
Microbiology\u00a0and Immunology-SQUH\Al Zadjali|Oman
Spike|hCoV-19/Spain/CT-IVB-97007950/2020|2020-10-08|EPI_ISL_654532|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiologia|u00eda|SeqCOVID-SPAIN consortium/IVB(CSIC)|Comas|Spain

Spike|hCoV-19/England/MILK-BB0198/2020|2020-11-18|EPI_ISL_720287|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium/Davies|United Kingdom

Spike|hCoV-19/Wales/PHWC-160F5B/2020|2020-04-08|EPI_ISL_473069|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium/Davies|United Kingdom

Spike|hCoV-19/England/MILK-9AA54C/2020|2020-09-01|EPI_ISL_550823|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium/Davies|United Kingdom

Spike|hCoV-19/South Africa/19-390/2020|2020-07-01|EPI_ISL_487333|Original|hCoV-19^^KwaZulu-Natal|Human|Molecular Diagnostics Services (MDS)|KRISP|de Oliveira|South Africa

Spike|hCoV-19/Northern Ireland/NIRE-235835/2020|2020-11-05|EPI_ISL_742151|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) consortium/Fairley|United Kingdom

Spike|hCoV-19/South Korea/KC2469/2020|2020-06-09|EPI_ISL_514872|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

Spike|hCoV-19/England/LIVE-A4C19/2020|2020-03-12|EPI_ISL_500078|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) consortium/Haldenby|United Kingdom

Spike|hCoV-19/Wales/PHWC-345C8/2020|2020-04-14|EPI_ISL_446945|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

Spike|hCoV-19/Spain/MD-IVB-99008486/2020|2020-09-10|EPI_ISL_654037|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Marañon|u00eda|SeqCOVID-SPAIN consortium/IVB(CSIC)|Comas|Spain

Spike|hCoV-19/Switzerland/SH-ETHZ-360310/2020|2020-11-06|EPI_ISL_729219|Original|hCoV-19^^Schaaffhausen|Human|VioUiler AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

Spike|hCoV-19/Netherlands/Gelderland_162/2020|2020-05-23|EPI_ISL_460922|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

Spike|hCoV-19/USA/UT-UPHL-2008792/2020|2020-05-17|EPI_ISL_524819|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

Spike|hCoV-19/Luxembourg/LNS/7841004/2020|2020-04-02|EPI_ISL_428940|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Wienecke-Baldacchino|Luxembourg

Spike|hCoV-19/USA/TX-HMH-2946/2020|2020-06-09|EPI_ISL_543882|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19/England/CAMC-A57E15/2020|2020-10-09|EPI_ISL_597048|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium/Davies|United Kingdom

Spike|hCoV-19/England/QEUH-AE1D31/2020|2020-10-26|EPI_ISL_633649|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium/Davies|United Kingdom

Spike|hCoV-19/Australia/QLD196/2020|2020-03-30|EPI_ISL_639787|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

Spike|hCoV-19/Portugal/PT0103/2020|2020-03-21|EPI_ISL_453819|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

Spike|hCoV-19/England/QEUH-9F9863/2020|2020-09-26|EPI_ISL_589066|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium/Davies|United Kingdom

Spike|hCoV-19/Japan/PG-2245/2020|2020-04-00|EPI_ISL_685850|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
> Spike|hCoV-19/Japan/PG-8398/2020|2020-08-00|EPI_ISL_687497|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
> Spike|hCoV-19/Germany/NW-HHU-276/2020|2020-09-26|EPI_ISL_631364|Original|hCoV-19^North Rhine-Westphalia|Human|ZOTZ KLMAS MVZ D\u00fcsseldorf-Centrum GbR \\
> Spike|hCoV-19/Scotland/CMAC-A8237C/2020|2020-10-11|EPI_ISL_625284|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Kenny|United Kingdom
> Spike|hCoV-19/England/QUEUH-B3FP6/2020|2020-11-08|EPI_ISL_658725|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/BRS-12AF6C/2020|2020-05-01|EPI_ISL_458513|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Jordan/AM-ALSR-4013/2020|2020-10-03|EPI_ISL_636376|Original|hCoV-19^Jordan|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research Center|Gangavarapu|Jordan
> Spike|hCoV-19/Australia/VIC17367/2020|2020-08-20|EPI_ISL_663860|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19/Wales/PHWC-489B46/2020|2020-10-27|EPI_ISL_652458|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/England/MILK-469766/2020|2020-05-24|EPI_ISL_559725|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Wales/PHWC-165211/2020|2020-05-18|EPI_ISL_479435|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/England/ALDP-BC61F9/2020|2020-11-22|EPI_ISL_721449|Original|hCoV-19^England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/England/MILK-A79CB9/2020|2020-10-15|EPI_ISL_606917|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/ALDP-4FA4BE/2020|2020-06-24|EPI_ISL_559220|Original|hCoV-19^England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Sichuan/SC-PHCC2-048/2020|2020-02-14|EPI_ISL_451368|Original|hCoV-19^Sichuan|Human|West China Hospital of Sichuan University|State Key Laboratory of Biotherapy of Sichuan University|Tang|China
> Spike|hCoV-19/USA/TX-DHSH-1452/2020|2020-06-22|EPI_ISL_676633|Original|hCoV-19^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
> Spike|hCoV-19/England/ALDP-B74FC3/2020|2020-11-12|EPI_ISL_664921|Original|hCoV-19^England|Human|Quadrax Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
> Spike|hCoV-19/England/MILK-A7B3C1/2020|2020-10-14|EPI_ISL_607544|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/WI-GMF-25487/2020|2020-10-12|EPI_ISL_660930|Original|hCoV-19^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA
> Spike|hCoV-19/Japan/PG-1164/2020|2020-04-00|EPI_ISL_684774|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
> Spike|hCoV-19/USA/TX-HMH-2844/2020|2020-06-08|EPI_ISL_543815|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19/Netherlands/ZH-EMC-923/2020|2020-10-20|EPI_ISL_722519|Original|hCoV-19^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19|England|CAMC-B79966|2020-11-13|EPI_ISL_668122|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19|USA/UT-UPHL-03103|2020-05-05|EPI_ISL_575253|Original|hCoV-19
^Utah|Human|Utah Public Health Laboratory|Young|USA
>Spke|hCoV-19|England/MILK-99541A|2020-08-25|EPI_ISL_552288|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19|Germany/HH-ChVir20316|2020-11-16|EPI_ISL_729651|Original|hCoV-19
^Hamburg|Human|A. Krumholz|Charité|Universität Berlin|Muehlemann|Germany
>Spke|hCoV-19|USA/UT-QDX-1475|2020-03-14|EPI_ISL_603860|Original|hCoV-19
^Utah|Human|Quest Diagnostics|Quest Diagnostics|Ragan|USA
>Spke|hCoV-19|England/QUEUH-9F4B14|2020-09-24|EPI_ISL_588277|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19|England/MILK-BAB488|2020-11-18|EPI_ISL_681603|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19|Spain/NC-IBV-001394|2020-03-18|EPI_ISL_452507|Original|hCoV-19
^Navarra|Human|Clínica|Hospital del Júpiter de Navarra. Servicio de Enfermedades Infecciosas y Microbiología|u00edna|SeqCOVID-SPAIN consortium|u00ednica|u00eda|Spain
>Spke|hCoV-19|England/ALDP-C3A423|2020-12-09|EPI_ISL_731462|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19|USA/VA-DCLS-1064|2020-06-10|EPI_ISL_528668|Original|hCoV-19
^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|DCLS|St. Jacques|USA
>Spke|hCoV-19|Australia/VIC16729|2020-08-07|EPI_ISL_663555|Original|hCoV-19
^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|Schultz|Australia
>Spke|hCoV-19|Chile/RM-ISPCH-56|2020-04-01|EPI_ISL_445352|Original|hCoV-19
^Region Metropolitana de Santiago|Human|HOSPITAL DEL PROFESOR|Instituto de Salud Pública de Chile|Fernandez|Chile
>Spke|hCoV-19|England/MILK-A6A40E|2020-10-08|EPI_ISL_627504|Original|hCoV-19
^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spke|hCoV-19|Wales/PHWC-167F90|2020-04-27|EPI_ISL_494182|Original|hCoV-19
^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spke|hCoV-19|USA/NY-5V09481|2020-03-20|EPI_ISL_450153|Original|hCoV-19
^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA
>Spke|hCoV-19|Wales/ALDP-C39970|2020-12-08|EPI_ISL_767196|Original|hCoV-19
^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19|Wales/AM-ALSRS-5013|2020-10-11|EPI_ISL_730286|Original|hCoV-19
^Amman|Human|Biolog Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan
>Spke|hCoV-19|England/OXON-B198B|2020-04-28|EPI_ISL_479057|Original|hCoV-19
^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spke|hCoV-19|Scotland/CVR2333|2020-04-13|EPI_ISL_484576|Original|hCoV-19
^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spke|hCoV-19|Wales/MILK-9F0222|2020-09-24|EPI_ISL_589773|Original|hCoV-19
^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-28F23/2020|2020-04-02|EPI_ISL_445459|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre/Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/England/NOTT-113379/2020|2020-09-16|EPI_ISL_549500|Original|hCoV-19^^England|Human|Queens Medical Centre/COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19/Brazil/RJ-00515/2020|2020-07-28|EPI_ISL_717904|Original|hCoV-19^^Rio de Janeiro|Human|LACEN RJ - Noel Nutels|Bioinformatics Laboratory/LNCC|Almeida|Brazil
>Spike|hCoV-19/USA/UT-UPHL-2012218264/2020|2020-08-17|EPI_ISL_746203|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory/Utah Public Health Laboratory/Young|USA
>Spike|hCoV-19/Japan/PG-4008/2020|2020-07-00|EPI_ISL_692249|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center/Pathogen Genomics Center/Sekizuka|Japan
>Spike|hCoV-19/USA/CA-QDX-1693/2020|2020-03-19|EPI_ISL_603933|Original|hCoV-19^^California|Human|Quest Diagnostics Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/Finland/24LS7G11/2020|2020-10-24|EPI_ISL_759826|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology/Department of Virology|Smura|Finland
>Spike|hCoV-19/England/CAMC-B98DA1/2020|2020-11-15|EPI_ISL_673617|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge/Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/MA-MGH-03282/2020|2020-10-24|EPI_ISL_765771|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital/Infectious Disease Program/Park|USA
>Spike|hCoV-19/Japan/PG-7947/2020|2020-05-00|EPI_ISL_687048|Original|hCoV-19^^Japan|Human|Kanagawa Prefectural Institute of Public Health/Pathogen Genomics Center/Sekizuka|Japan
>Spike|hCoV-19/USA/FL-BPHL-2222/2020|2020-08-31|EPI_ISL_666844|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories/Florida Bureau of Public Health Laboratories/Blanton|USA
>Spike|hCoV-19/USA/TX-DSHS-1716/2020|2020-06-20|EPI_ISL_708624|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services/Texas Department of State Health Services/Rahman|USA
>Spike|hCoV-19/England/CAMC-BBC67F/2020|2020-11-21|EPI_ISL_724168|Original|hCoV-19^^England|Human|Quadram Institute Bioscience/COVID-19 Genomics UK (COG-UK) Consortium/Alikhan|United Kingdom
>Spike|hCoV-19/USA/CA-CHLA-PLM90708228/2020|2020-11-30|EPI_ISL_753507|Original|hCoV-19^^California|Human|Clinical virology Laboratory/Center for Personalized Medicine/Dien Bard|USA
>Spike|hCoV-19/Australia/VIC2288/2020|2020-06-27|EPI_ISL_522010|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)/MDU-PHL/Shultz|Australia
>Spike|hCoV-19/England/QUEUH-89531E/2020|2020-07-24|EPI_ISL_532704|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow/Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/CA-OHSU-2920/2020|2020-09-05|EPI_ISL_667417|Original|hCoV-19^^Oregon SARS-CoV-2 Genome Sequencing Center/O'Roak|USA
>Spike|hCoV-19/USA/TX-HMH-6169/2020|2020-07-02|EPI_ISL_547287|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital/Houston Methodist Hospital/Long|USA
>Spike|hCoV-19/Wuhan/HB-WH3-189/2020|2020-03-16|EPI_ISL_454946|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)/State Key Laboratory of Biotherapy of Sichuan University/Tang|China
> Spike| hCoV-19| France| ID/F-3577| 2020-03-25| EPI_ISL_428354| Original|hCoV-19^\u00cele-de-France| Human| LABM GH nord Essonne de Longjumeau - BP 125| National Reference Center for Viruses of Respiratory Infections| Enouf| France
> Spike| hCoV-19| England| QEUH-B12DEB| 2020-11-02| EPI_ISL_642520| Original|hCoV-19^\u00d8ngland| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom
> Spike| hCoV-19| Iceland| 343| 2020-03-03| EPI_ISL_424367| Original|hCoV-19^\u00e5eykjavik| Human| The National University Hospital of Iceland| deCODE genetics| J\u000003f3nsson| Iceland
> Spike| hCoV-19| Denmark| DCGC-10836| 2020-11-02| EPI_ISL_670242| Original|hCoV-19^\u00e5ovedstaden| Human| Department of Virus and Microbiological Special Diagnostics| Albertsen Lab| Michaelsen| Denmark
> Spike| hCoV-19| England| QEUH-9B5326| 2020-09-02| EPI_ISL_590412| Original|hCoV-19^\u00e5ngland| Human| Lighthouse Lab in Glasgow| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom
> Spike| hCoV-19| USA| SC-DHEC-0590| 2020-06-19| EPI_ISL_529099| Original|hCoV-19^\u00e5outh Carolina| Human| Microbiology Division| Microbiology Division| Flores, H.| USA
> Spike| hCoV-19| USA| WI-GMF-14201| 2020-08-07| EPI_ISL_547679| Original|hCoV-19^\u00e5isconsin| Human| Gundersen Molecular Diagnostics Laboratory| Kabara Cancer Research Institute| Kenny| USA
> Spike| hCoV-19| England| QEUH-9C8B64| 2020-09-11| EPI_ISL_567106| Original|hCoV-19^\u00e5ngland| Human| Lighthouse Lab in Glasgow| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom
> Spike| hCoV-19| USA| CA-ALSR-1320| 2020-04-29| EPI_ISL_494492| Original|hCoV-19^\u00e5alifornia| Human| San Diego County Public Health Laboratory| Andersen lab at Scripps Research| Gangavarapu| USA
> Spike| hCoV-19| USA| HI-H200698| 2020-12-01| EPI_ISL_753219| Original|hCoV-19^\u00e5awaii| Human| State Laboratories Division| State Laboratories Division| Sultana| USA
> Spike| hCoV-19| England| MILK-99583C| 2020-08-22| EPI_ISL_551595| Original|hCoV-19^\u00e5ngland| Human| Lighthouse Lab in Milton Keynes| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom
> Spike| hCoV-19| Wales| PHWC-497899| 2020-11-22| EPI_ISL_726895| Original|hCoV-19^\u00e5ales| Human| Originating lab| COVID-19 Genomics UK (COG-UK) Consortium| Moore| United Kingdom
> Spike| hCoV-19| Japan| PG-5510| 2020-08-00| EPI_ISL_688635| Original|hCoV-19^\u00e5Japan| Human| Pathogen Genomics Center| Pathogen Genomics Center| Sekizuka| Japan
> Spike| hCoV-19| Netherlands| GE-RIVM-20045| 2020-11-09| EPI_ISL_723232| Original|hCoV-19^\u00e5 Gelderland| Human| Dutch COVID-19 response team| National Institute for Public Health and the Environment (RIVM)| Meijer| Netherlands
> Spike| hCoV-19| England| OXON-AEL186| 2020-00-00| EPI_ISL_448670| Original|hCoV-19^\u00e5ngland| Human| Oxford Viromics| COVID-19 Genomics UK (COG-UK) Consortium| Golubchik| United Kingdom
> Spike| hCoV-19| Scotland| QEUH-9F4AEA| 2020-09-25| EPI_ISL_600697| Original|hCoV-19^\u00e5Scotland| Human| University of Edinburgh School of Biological Sciences| Virology| University of Edinburgh School of Biological Sciences| Cordey| Switzerland
> Spike| hCoV-19| Saudi Arabia| KAUST-Madinah254| 2020-03-30| EPI_ISL_437738| Original|hCoV-19^\u00e5Madinah| Human| Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)| Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)| Mohamed Ghazzali| Saudi Arabia
> Spike| hCoV-19| USA| AK-PHLL152| 2020-04-07| EPI_ISL_436464| Original|hCoV-19^\u00e5Alaska| Human| Alaska State Virology Laboratory| Alaska State Virology Laboratory| Chen| USA
> Spike| hCoV-19| England| ALDP-B85369| 2020-11-15| EPI_ISL_675611| Original|hCoV-19^\u00e5ngland| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom
| Region         | Country   | Organization/Department                  | Lab Name                 | Accession  |
|---------------|-----------|------------------------------------------|--------------------------|------------|
| England       |             | Lighthouse Lab in Alderley Park          | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| England       |             | Lighthouse Lab Milton Keynes             | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| England       |             | Lighthouse Lab in Milton Keynes          | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| Portugal      |             | Instituto Nacional de la Salud (INSIA)   | Instituto Nacional de la Salud (INSIA) | Borges | Portugal |
| England       |             | Lighthouse Lab in Alderley Park          | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| England       |             | Lighthouse Lab in Cambridge              | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| Denmark       |             | DGCc-6707                                |                          |           |
| England       |             | SHEF-10CA227                             |                          |           |
| England       |             | Lighthouse Lab in Alderley Park          | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| USA           |             | UW Virology Lab                         |                          |           |
| England       |             | SHEF-10CA227                             |                          |           |
| England       |             | Lighthouse Lab in Alderley Park          | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| England       |             | ALDP-B63CB1                              |                          |           |
| Denmark       |             | DGCc-6707                                |                          |           |
| England       |             | SHEF-10CA227                             |                          |           |
| England       |             | Lighthouse Lab in Alderley Park          | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |

COVID-19 Genomics UK (COG-UK) consortium

- **Madrid**: Hospital General Universitario Gregorio Marañón
- **Washington**: UW Virology Lab, University of Washington (USA)
- **Scotland**: PHE South West Regional Laboratory
- **England**: Lighthouse Lab in Alderley Park, Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium

COVID-19 Genomics UK (COG-UK) consortium

- **England**: Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium
- **Portugal**: Instituto Nacional de Saúde (INSIA)
- **England**: Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium

**Accession**

| Accession  |
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| EPI_ISL_514086 |
| EPI_ISL_488308 |
| EPI_ISL_655839 |
| EPI_ISL_526442 |
| EPI_ISL_470061 |
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| EPI_ISL_506886 |
| EPI_ISL_654232 |
| EPI_ISL_424221 |
| EPI_ISL_550371 |
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| EPI_ISL_470061 |
| EPI_ISL_526442 |
| EPI_ISL_424221 |
| EPI_ISL_550371 |
| EPI_ISL_486808 |
| EPI_ISL_550371 |
| EPI_ISL_656586 |
Spike|hCoV-19/USA/TX-HMH-MCoV-12064/2020|2020-09-17|EPI_ISL_790187|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/USA/WI-UD-643/2020|2020-06-27|EPI_ISL_491334|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
Spike|hCoV-19/Montenegro/ChVir-1800902002/2020|2020-07-18|EPI_ISL_516928|Original|hCoV-19^^Montenegro|Human|Department for Molecular Diagnostics|Charite\u0301 Universita\u0308tsmedizin Berlin|Muehlemann|Montenegro
Spike|hCoV-19/England/ALDP-BC87AA/2020|2020-11-23|EPI_ISL_721468|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/Netherlands/un-EMC-745/2020|2020-05-19|EPI_ISL_523501|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
Spike|hCoV-19/England/CAMB-83EED/2020|2020-04-26|EPI_ISL_438708|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
Spike|hCoV-19/Belgium/ULG-10202/2020|2020-05-23|EPI_ISL_471436|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
Spike|hCoV-19/USA/TX-HMH-7066/2020|2020-06-28|EPI_ISL_546476|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/England/ALDP-9CD0F7/2020|2020-09-16|EPI_ISL_566309|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/Wales/PHWC-48C1BA/2020|2020-11-07|EPI_ISL_666403|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moor|United Kingdom
Spike|hCoV-19/USA/LA-GBCL-26556559/2020|2020-04-15|EPI_ISL_485189|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA
Spike|hCoV-19/Jordan/AM-ALSR-5288/2020|2020-11-06|EPI_ISL_730525|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan
Spike|hCoV-19/Switzerland/AG-ETHZ-400027/2020|2020-12-04|EPI_ISL_728819|Original|hCoV-19^^Switzerland|Human|Biologics|Karch|Switzerland
Spike|hCoV-19/Denmark/DCGC-5626/2020|2020-09-28|EPI_ISL_620951|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelensen|Denmark
Spike|hCoV-19/USA/MN-MDH-1033/2020|2020-05-07|EPI_ISL_462878|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA
Spike|hCoV-19/Belgium/HJ-0328338/2020|2020-03-28|EPI_ISL_462192|Original|hCoV-19^^Belgium|Human|KU Leuven|KU Leuven|Maes|Belgium
Spike|hCoV-19/England/QEUH-55616D/2020|2020-05-11|EPI_ISL_532149|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/OXON-B003C/2020|2020-04-18|EPI_ISL_478847|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-7957/2020|2020-10-26|EPI_ISL_617106|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsens lab|Michaelensen|Denmark
>Spive|hCoV-19/Japan/PG-2266/2020|2020-04-00|EPI_ISL_685871|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
>Spive|hCoV-19/USA/CA-ALSR-3426/2020|2020-07-06|EPI_ISL_636020|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spive|hCoV-19/Wales/PHWC-163F85/2020|2020-05-01|EPI_ISL_474109|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spive|hCoV-19/Belgium/ULG-11022/2020|2020-11-28|EPI_ISL_722940|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
>Spive|hCoV-19/South Korea/KDCA0320/2020|2020-10-19|EPI_ISL_760106|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea
>Spive|hCoV-19/Spain/TV-IBV-2166/2020|2020-04-12|EPI_ISL_468921|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiologia|u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u001crea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>Spive|hCoV-19/Canada/ON-S1821/2020|2020-11-24|EPI_ISL_729285|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
>Spive|hCoV-19/England/CAM-1AD532/2020|2020-04-25|EPI_ISL_489495|Original|hCoV-19^^England|Human|Division of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spive|hCoV-19/Saudi Arabia/KAUST-MAKKAH1525/2020|2020-04-06|EPI_ISL_678102|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia
>Spive|hCoV-19/Northern Ireland/QEIH-969770/2020|2020-08-14|EPI_ISL_530965|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spive|hCoV-19/Denmark/DCGC-4350/2020|2020-08-31|EPI_ISL_615552|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiologica Special Diagnostics|Albertsens lab|Michaelensen|Denmark
>Spive|hCoV-19/Wales/PHWC-2AFC7/2020|2020-04-07|EPI_ISL_432009|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spive|hCoV-19/England/MILK-A7D0B9/2020|2020-10-11|EPI_ISL_606613|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spive|hCoV-19/USA/CA-CHLA-PLM65298749/2020|2020-12-02|EPI_ISL_753585|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA
>Spive|hCoV-19/England/ALDP-A96041/2020|2020-10-20|EPI_ISL_624585|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spive|hCoV-19/England/ALDP-C36CF9/2020|2020-12-10|EPI_ISL_731653|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spive|hCoV-19/Wales/PHWC-48C448/2020|2020-11-08|EPI_ISL_666429|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spive|hCoV-19/Canada/ON-S1514/2020|2020-08-30|EPI_ISL_755897|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
> Spike hCoV-19/Germany/BE-ChVir-D1956-8255/2020|2020-09-25|EPI_ISL_753884|Original|hCoV-19|Germany|Berlin|University of Medicine Berlin

> Spike hCoV-19/Wales/PHWC-4A2AB3/2020|2020-12-12|EPI_ISL_743975|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike hCoV-19/Belgium/rega-10191304/2020|2020-10-19|EPI_ISL_735207|Original|hCoV-19|Belgium|Human|UZ Leuven|KU Leuven|Belgium

> Spike hCoV-19/USA/MDC-MDH-0103/2020|2020-05-27|EPI_ISL_522838|Original|hCoV-19|Human|Maryland Department of Health|Maryland Department of Health|Keller|USA

> Spike hCoV-19/England/BRIS-1231E5/2020|2020-04-05|EPI_ISL_442787|Original|hCoV-19|England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

> Spike hCoV-19/Australia/VIC8983/2020|2020-07-28|EPI_ISL_565333|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

> Spike hCoV-19/Wales/PHWC-4912EC/2020|2020-11-16|EPI_ISL_706639|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike hCoV-19/England/ALDP-9CE199/2020|2020-09-16|EPI_ISL_566183|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike hCoV-19/England/LIVE-DC39F2/2020|2020-11-09|EPI_ISL_705866|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

> Spike hCoV-19/Guangdong/20SF758/2020|2020-01-27|EPI_ISL_428473|Original|hCoV-19|Guangdong|Human|Guangdong Provincial Center for Diseases Control and Prevention|Guangdong Provincial Institute of Public Health|School of Public Health|Gu|China

> Spike hCoV-19/USA/IL-NM-1526/2020|2020-07-12|EPI_ISL_626529|Original|hCoV-19|Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

> Spike hCoV-19/USA/MA-MGH-00090/2020|2020-03-25|EPI_ISL_460411|Original|hCoV-19|Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

> Spike hCoV-19/USA/NY-NYCPHL-000515/2020|2020-03-20|EPI_ISL_631976|Original|hCoV-19|New York|Human|Brookdale University Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

> Spike hCoV-19/Spain/VC-FISABIO-621/2020|2020-03-31|EPI_ISL_455737|Original|hCoV-19|Spain|Human|Servicio de Microbiologia. Hospital Clinico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group.|FISABIO-Public Health|Gonzalez-Candelas|Spain

> Spike hCoV-19/Denmark/DGCC-12946/2020|2020-12-07|EPI_ISL_712439|Original|hCoV-19|Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelson|Denmark

> Spike hCoV-19/England/BRIS-1303A3/2020|2020-04-11|EPI_ISL_492556|Original|hCoV-19|England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike hCoV-19/England/ALDP-B45B7C/2020|2020-11-07|EPI_ISL_656007|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike hCoV-19/USA/TX-DSHS-0733/2020|2020-05-14|EPI_ISL_584135|Original|hCoV-19|Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

> Spike hCoV-19/Spain/CT-HUVH-VH1407/2020|2020-04-10|EPI_ISL_444975|Original|hCoV-19|Catalunya|Human|Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca|Hospital Universitari Vall d'Hebron|Anton|Spain
>Spike|hCoV-19/Australia/VIC2890/2020|2020-07-05|EPI_ISL_521721|Original|hCoV-19

>Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-9E7033/2020|2020-09-24|EPI_ISL_580382|Original|hCoV-19

>England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14458/2020|2020-10-07|EPI ISL_787743|Original|hCoV-19

>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/20134047404/2020|2020-03-24|EPI_ISL_423142|Original|hCoV-19

>England|Human|Respiratory Virus Unit Respiratory Virus Unit in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9B5C3A/2020|2020-08-28|EPI_ISL_590193|Original|hCoV-19

>England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/SAP15/2020|2020-03-18|EPI_ISL_492115|Original|hCoV-19

>South Australia|Human|SA Pathology |SA Pathology|Leong|Australia

>Spike|hCoV-19/Denmark/DGCC-20553/2020|2020-12-21|EPI_ISL_759215|Original|hCoV-19

>Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark

>Spike|hCoV-19/England/CAMC-BD1A4B/2020|2020-11-27|EPI_ISL_702136|Original|hCoV-19

>England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49A19B/2020|2020-11-30|EPI_ISL_727504|Original|hCoV-19

>Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-C6BEF/2020|2020-12-14|EPI_ISL_778333|Original|hCoV-19

>England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/HDF-IPP9877/2020|2020-11-25|EPI_ISL_693774|Original|hCoV-19

>Hauts-de-France|Human|General practitioner|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/England/QUEUH-9DCD94/2020|2020-09-21|EPI_ISL_599755|Original|hCoV-19

>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1205/2020|2020-06-23|EPI_ISL_572278|Original|hCoV-19

>Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Sweden/20-51758/2020|2020-05-27|EPI_ISL_469071|Original|hCoV-19

>Vastra Gotaland|Human|Wasterlakarna|The Public Health Agency of Sweden|Svartstr|\u00f6lm|Sweden

>Spike|hCoV-19/New Zealand/20VR1897/2020|2020-04-01|EPI_ISL_456299|Original|hCoV-19

>Southern|Human|Southern Community Labs Dunedin|Institute of Environmental Science and Research (ESR) |de Ligt|New Zealand

>Spike|hCoV-19/USA/TX-HMH-1425/2020|2020-05-02|EPI_ISL_542716|Original|hCoV-19

>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Russia/MOW-MIH250S/2020|2020-06-22|EPI_ISL_566078|Original|hCoV-19

>Moscow|Human|Pathogenic Microorganisms Variability Laboratory|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/QUEUH-AA0114/2020|2020-10-20|EPI_ISL_652708|Original|hCoV-19

>England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Bahrain/920407807/2020|2020-09-17|EPI_ISL_682303|Original|hCoV-19

>Bahrain|Human|Communicable Disease Laboratory|Communicable Disease Laboratory|Altaif|Bahrain

>Spike|hCoV-19/USA/TX-DHSHS-1548/2020|2020-06-22|EPI_ISL_681859|Original|hCoV-19

>Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-250138/2020|2020-08-17|EPI_ISL_535643|Original|hCoV-19

>Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/WI-UW-305/2020|2020-04-14|EPI_ISL_436599|Original|hCoV-19

>Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research
>Spike|hCoV-19/England/QEUH-9DE5B8/2020|2020-09-21|EPI ISL_581247|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp...
>Spike|hCoV-19|England|CAMC-BD486C/2020|2020-11-27|EPI_ISL_702260|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19/Wales/PHWC-169EA0/2020|2020-08-29|EPI_ISL_529708|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spke|hCoV-19/Scotland/QEUH-96D7F4/2020|2020-08-20|EPI_ISL_534596|Original|hCoV-19^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC- University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/California/USA/CAE17E/2020|2020-12-14|EPI_ISL_760600|Original|hCoV-19^California|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/India/MH-NIV-64908/2020|2020-06-16|EPI_ISL_479560|Original|hCoV-19^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India
>Spke|hCoV-19/USA/MI-QDX-2232/2020|2020-03-15|EPI_ISL_604541|Original|hCoV-19^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spke|hCoV-19/England/LOND-1266E81/2020|2020-12-10|EPI_ISL_741223|Original|hCoV-19^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spke|hCoV-19/Finland/14M26/2020|2020-03-14|EPI_ISL_418406|Original|hCoV-19^Finland|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland
>Spke|hCoV-19/India/MH-NCCS-NR1323/2020|2020-05-16|EPI_ISL_496559|Original|hCoV-19^Maharashtra|Human|National Centre For Cell Science|National Centre For Cell Science|Paul|India
>Spke|hCoV-19/England/MILK-A912C8/2020|2020-10-16|EPI_ISL_638519|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spke|hCoV-19/USA/CA-CDPH126/2020|2020-09-21|EPI_ISL_755023|Original|hCoV-19^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA
>Spke|hCoV-19/Portugal/PT0567/2020|2020-04-14|EPI_ISL_454290|Original|hCoV-19^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal
>Spke|hCoV-19/USA/CA-ALSR-2781/2020|2020-07-15|EPI_ISL_635676|Original|hCoV-19^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spke|hCoV-19/Peru/LIM-UPCH-0154/2020|2020-08-28|EPI_ISL_568547|Original|hCoV-19^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru
>Spke|hCoV-19/Wales/PHWC-33B12/2020|2020-04-19|EPI_ISL_446788|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spke|hCoV-19/Japan/PG-7139/2020|2020-08-00|EPI_ISL_688244|Original|hCoV-19^Japan|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19/Japan/PG-5089/2020|2020-08-00|EPI_ISL_690199|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19/Japan/Donner48/2020|2020-06-30|EPI_ISL_644953|Original|hCoV-19^Japan|Human|Department of Infectious Diseases|Center for Medical Genetics|Kosaki|Japan
Spike|hCoV-19/England/LOND-DAE32/2020|2020-11-07|EPI_ISL_724717|Original|hCoV-19^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
Spike|hCoV-19/USA/CA-CZB-11132/2020|2020-05-23|EPI_ISL_625521|Original|hCoV-19^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA
Spike|hCoV-19/USA/TX-HMH-MCoV-13967/2020|2020-08-15|EPI_ISL_787258|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/Denmark/DCGC-6345/2020|2020-09-21|EPI_ISL_622285|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
Spike|hCoV-19/England/MILK-ACCEB1/2020|2020-10-21|EPI_ISL_634289|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Scotland/CVR2358/2020|2020-04-13|EPI_ISL_477916|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
Spike|hCoV-19/England/LOND-D54DB/2020|2020-04-14|EPI_ISL_444227|Original|hCoV-19^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
Spike|hCoV-19/England/ALDP-9C5DF8/2020|2020-09-10|EPI_ISL_567682|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Spain/MD-IBV-99009604/2020|2020-10-14|EPI_ISL_654353|Original|hCoV-19^Madrid|Human|Hospital General Universitario Gregorio Marañónf1|u00f3n|SeqCOVID-19 Genomics UK (COG-UK) consortium|I/BV (CSIC)|Comas|Spain
Spike|hCoV-19/Denmark/DCGC-1410/2020|2020-03-23|EPI_ISL_622460|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
Spike|hCoV-19/England/MILK-B86614/2020|2020-11-13|EPI_ISL_674129|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
Spike|hCoV-19/USA/UT-UPHL-2012902224/2020|2020-07-26|EPI_ISL_745591|Original|hCoV-19^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA
Spike|hCoV-19/England/20170048504/2020|2020-04-20|EPI_ISL_465301|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
Spike|hCoV-19/USA/WI-UW-1991/2020|2020-09-30|EPI_ISL_677399|Original|hCoV-19^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
Spike|hCoV-19/Denmark/DCGC-14120/2020|2020-11-30|EPI_ISL_711431|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelelsen|Denmark
Spike|hCoV-19/Colombia/DC-INS-197/2020|2020-08-18|EPI_ISL_526971|Original|hCoV-19^Bogota|Human|Instituto Nacional de Salud|Instituto Nacional de Salud|Franco-Muñoz|Colombia
Spike|hCoV-19/England/204640990/2020|2020-11-07|EPI_ISL_700621|Original|hCoV-19^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spike|hCoV-19/USA/VA-DCLS-0821/2020|2020-05-06|EPI_ISL_516697|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spike|hCoV-19/Australia/VIC2869/2020|2020-07-04|EPI_ISL_521700|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/BRIS-12799E/2020|2020-04-02|EPI_ISL_469608|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH935/2020|2020-04-06|EPI_ISL_513062|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia
>Spike|hCoV-19/USA/NY-NYCPHL-000868/2020|2020-03-25|EPI_ISL_632941|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA
>Spike|hCoV-19/England/MILK-A45D2C/2020|2020-10-06|EPI_ISL_598775|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-AAB4C5/2020|2020-10-21|EPI_ISL_652794|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/England/CAMC-B77494/2020|2020-11-12|EPI_ISL_783493|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-9C2E52/2020|2020-09-10|EPI_ISL_566601|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/DRC/7248/2020|2020-05-13|EPI_ISL_514123|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo
>Spike|hCoV-19/Wales/MILK-A46E55/2020|2020-10-06|EPI_ISL_609252|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Peru/LIM-UPCH-0091/2020|2020-06-17|EPI_ISL_540969|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Genética Microbiana|Tsukeyama|Peru
>Spike|hCoV-19/England/LIVE-1D952E/2020|2020-09-14|EPI_ISL_594849|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/Belgium/UGent-212/2020|2020-10-23|EPI_ISL_717613|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksafdeling Virologie|Lambrechtse|Belgium
>Spike|hCoV-19/England/LIVE-AA90D/2020|2020-08-04|EPI_ISL_540586|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/Scotland/CVR2396/2020|2020-04-13|EPI_ISL_477929|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/USA/VA-DCLS-0356/2020|2020-05-12|EPI_ISL_463123|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spike|hCoV-19/Wales/PHWC-16B55E/2020|2020-09-16|EPI_ISL_560302|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/QEUH-961A06/2020|2020-08-02|EPI_ISL_537012|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/PG-7468/2020|2020-07-00|EPI_ISL_688570|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Secizuka|Japan
> Spike|hCoV-19|England/BIRM-6C04E/2020|2020-10-30|EPI_ISL_679131|Original|hCoV-19
> ^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK)
> Consortium|Loman|United Kingdom
> > Spike|hCoV-19|England/PORT-2D14DD/2020|2020-03-31|EPI_ISL_512396|Original|hCoV-19
> ^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK)
> Consortium|Robson|United Kingdom
> > Spike|hCoV-19|Germany/BW-MVZ-LS-06/2020|2020-04-07|EPI_ISL_640224|Original|hCoV-19
> ^Baden-Wu00f6rttemberg|Human|MVZ Labor\u00e9 Singen|MVZ Labor\u00e9 Singen
> Schmidt|Germany
> > Spike|hCoV-19|Canada/Qc-L00240947/2020|2020-03-27|EPI_ISL_465693|Original|hCoV-19
> ^Quebec|Human|\u00e9 publique du Qu\u00e9bec|Moreira|Canada
> > Spike|hCoV-19|Iran/Kir-32/2020|2020-02-24|EPI_ISL_568496|Original|hCoV-19
> ^Iran|Human|Virology|Virology|Ranjbar|Iran
> > Spike|hCoV-19|France/PAC-IHU-0595/2020|2020-04-10|EPI_ISL_568879|Original|hCoV-19
> ^Provence-Alpes-C\u00f4te d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France
> > Spike|hCoV-19|Scotland/EDB2462/2020|2020-04-23|EPI_ISL_439214|Original|hCoV-19
> ^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK)
> Consortium|Williams|United Kingdom
> > Spike|hCoV-19|England/NORT-2891BF/2020|2020-03-27|EPI_ISL_458677|Original|hCoV-19
> ^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute
> for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> > Spike|hCoV-19|Ireland/D-SVUH-R6989/2020|2020-04-08|EPI_ISL_596655|Original|hCoV-19
> ^Dublin|Human|St.Vincent's University Hospital|St.Vincent's University
> Hospital|Gonzalez|Ireland
> > Spike|hCoV-19|England/OEUV-C1452C/2020|2020-12-06|EPI_ISL_709522|Original|hCoV-19
> ^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19
> Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> > Spike|hCoV-19|Wales/PHWC-26FBC/2020|2020-03-30|EPI_ISL_422120|Original|hCoV-19
> ^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology
> Cardiff|Moore|United Kingdom
> > Spike|hCoV-19|USA/CA-CZB-13077/2020|2020-05-06|EPI_ISL_672014|Original|hCoV-19
> ^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA
> > Spike|hCoV-19|USA/TX-HMH-4198/2020|2020-06-19|EPI_ISL_543429|Original|hCoV-19
> ^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> > Spike|hCoV-19|England/BRIS-12AAC5/2020|2020-04-30|EPI_ISL_458325|Original|hCoV-19
> ^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute
> for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> > Spike|hCoV-19|England/CAMB-1B614/2020|2020-09-18|EPI_ISL_573147|Original|hCoV-19
> ^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK)
> Consortium|Goodfellow|United Kingdom
> > Spike|hCoV-19|Wales/PHWC-498379/2020|2020-12-01|EPI_ISL_727062|Original|hCoV-19
> ^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> > Spike|hCoV-19|Australia/VIC5500/2020|2020-07-21|EPI_ISL_520246|Original|hCoV-19
> ^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)
> |MDU-PHL|Schultz|Australia
> > Spike|hCoV-19|Switzerland/VD-ETHZ-320397/2020|2020-10-12|EPI_ISL_737879|Original|hCoV-19
> ^Vaud|Human|Viotlier AG|Department of Biosystems Science and Engineering
> |Nadeau|Switzerland
> > Spike|hCoV-19|Scotland/CVR6015/2020|2020-11-28|EPI_ISL_680456|Original|hCoV-19
> ^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK
> (COG-UK) Consortium|Robertson|United Kingdom
> > Spike|hCoV-19|Germany/HE-RKI-NP-0014/2020|2020-11-30|EPI_ISL_763033|Original|hCoV-19
> ^Hesse|Human|Unit 17|Project group Epidemiology of Highly Pathogenic
> Microorganisms|Schubert|Germany
> > Spike|hCoV-19|USA/TX-HMH-MCO-15987/2020|2020-07-10|EPI_ISL_785671|Original|hCoV-19
> ^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|Denmark|DCGC-10803/2020|2020-11-02|EPI_ISL_670218|Original|hCoV-19||Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
Spike|hCoV-19|England|EXET-13F4A1/2020|2020-12-16|EPI_ISL_763536|Original|hCoV-19||England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK)|Consortium|Temperton|United Kingdom
Spike|hCoV-19|Japan|PG-0206/2020|2020-03-00|EPI_ISL_684142|Original|hCoV-19||Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19|India|GJ-GBRC-389a/2020|2020-07-06|EPI_ISL_524752|Original|hCoV-19||Gujarat|Human|GMERS Medical College and Hospital|Gujarat Biotechnology Research Centre|Joshi|India
Spike|hCoV-19|USA|TX-DSHS-0886/2020|2020-06-16|EPI_ISL_610022|Original|hCoV-19||Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
Spike|hCoV-19|Scotland|QEUH-A21579/2020|2020-10-01|EPI_ISL_598885|Original|hCoV-19||Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA|VA-DCLS-1778/2020|2020-09-16|EPI_ISL_644868|Original|hCoV-19||Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
Spike|hCoV-19|Netherlands|ZH-EMC-1045/2020|2020-11-29|EPI_ISL_722697|Original|hCoV-19||Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
Spike|hCoV-19|USA|TX-DSHS-1342/2020|2020-04-06|EPI_ISL_654924|Original|hCoV-19||Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
Spike|hCoV-19|England|QEUH-B2ED55/2020|2020-11-02|EPI_ISL_646939|Original|hCoV-19||England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
Spike|hCoV-19|England|QEUH-BCB84A/2020|2020-11-27|EPI_ISL_704015|Original|hCoV-19||England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|France|BFC-2147/2020|2020-03-05|EPI_ISL_415652|Original|hCoV-19||Bourgogne-Franche-Comté|unknown|National Reference Center for Viruses of Respiratory Infections|Enouf|France
Spike|hCoV-19|Portugal|PT2048/2020|2020-11-13|EPI_ISL_732263|Original|hCoV-19||Portugal|Human|Instituto Nacional de Saúde (INSA) and Instituto Gulbenkian de Ciência (IGC)|Instituto Nacional de Saúde (INSA) and Instituto Gulbenkian de Ciência (IGC)|Borges|Portugal
Spike|hCoV-19|Luxembourg|LNS4770640/2020|2020-11-20|EPI_ISL_740541|Original|hCoV-19||Luxembourg|Human|Laboratoire national de santé|u00e0|Laboratoire national de santé|u00e0|Wienecke-Baldacchino|Luxembourg
Spike|hCoV-19|Finland|9A30S12/2020|2020-04-09|EPI_ISL_481732|Original|hCoV-19||Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland
Spike|hCoV-19|India|TG-CCMB-AB927/2020|2020-08-17|EPI_ISL_539691|Original|hCoV-19||Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India
Spike|hCoV-19|England|NORW-E82BD/2020|2020-04-13|EPI_ISL_449135|Original|hCoV-19||England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
Spike|hCoV-19|Denmark|DCGC-3240/2020|2020-08-24|EPI_ISL_616787|Original|hCoV-19||Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelelsen|Denmark
Spike|hCoV-19|Gambia|NPFL-100C/2020|2020-06-01|EPI_ISL_561207|Original|hCoV-19||Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia
> Spike|hCoV-19| Wuhan/HB-WH3-170/2020| 2020-02-11| EPI_ISL_454936| Original|hCoV-19| ^hubei| Human| Wuhan Chain Medical Labs (CMLabs)| State Key Laboratory of Biotherapy of Sichuan University| Tang| China
> Spike|hCoV-19| Norway/6690/2020| 2020-11-15| EPI_ISL_775510| Original|hCoV-19| ^Oslo| Human| Norwegian Institute of Public Health| Norwegian Institute of Public Health| Vollan| Norway
> Spike|hCoV-19| USA-MA-MGH-00243/2020| 2020-04-06| EPI_ISL_460346| Original|hCoV-19| ^massachusetts| Human| Massachusetts General Hospital| Infectious Disease Program| Lemieux| USA
> Spike|hCoV-19| England/BRIS-125B8B/2020| 2020-03-30| EPI_ISL_443689| Original|hCoV-19| ^England| Human| PHE South West Regional Laboratory| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Amato| United Kingdom
> Spike|hCoV-19| Netherlands/zh-EMC-297/2020| 2020-07-03| EPI_ISL_523639| Original|hCoV-19| ^zuid holland| Human| Dutch COVID-19 response team| Erasmus Medical Center| Oude Munnik| Netherlands
> Spike|hCoV-19| denmark/DGCC-19436/2020| 2020-12-07| EPI_ISL_748311| Original|hCoV-19| ^Syddanmark| Human| Department of Virus and Microbiological Special Diagnostics| Albertsen Lab| Michaelsen| Denmark
> Spike|hCoV-19| Australia/Nsw520/2020| 2020-05-04| EPI_ISL_455060| Original|hCoV-19| ^new south wales| Human| Pathology West – NSW Health Pathology| NSW Health Pathology – Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney| Gall| Australia
> Spike|hCoV-19| USA/MN-MDH-1780/2020| 2020-04-13| EPI_ISL_590782| Original|hCoV-19| ^minnesota| Human| Minnesota Department of Health| Minnesota Department of Health| Lorentz| USA
> Spike|hCoV-19| Portugal/PT1900/2020| 2020-12-02| EPI_ISL_732114| Original|hCoV-19| ^portugal| Human| Instituto Nacional de Saude (INSA)| Instituto Nacional de Saude (INSA)| Borges| Portugal
> Spike|hCoV-19| Kenya/C6519/2020| 2020-05-14| EPI_ISL_568804| Original|hCoV-19| ^kwaile| Human| KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi| KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi| Githinji| Kenya
> Spike|hCoV-19| USA/MA-MASPHL-01030/2020| 2020-11-14| EPI_ISL_692781| Original|hCoV-19| ^massachusetts| Human| Massachusetts State Public Health Laboratory| Massachusetts State Public Health Laboratory| Lang| USA
> Spike|hCoV-19| England(ALDP-59E6F1/2020| 2020-06-14| EPI_ISL_558760| Original|hCoV-19| ^england| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom
> Spike|hCoV-19| USA/LA-EVT11304/2020| 2020-12-11| EPI_ISL_778970| Original|hCoV-19| ^louisiana| Human| LSUHS Emerging Viral Threat Laboratory| Microbial Genome Sequencing Center| Ramil| USA
> Spike|hCoV-19| England/CAMB-1B62A8/2020| 2020-09-21| EPI_ISL_576897| Original|hCoV-19| ^england| Human| Department of Pathology| COVID-19 Genomics UK (COG-UK) consortium| Goodfellow| United Kingdom
> Spike|hCoV-19| Denmark/DGCC-20666/2020| 2020-12-21| EPI_ISL_758758| Original|hCoV-19| ^hovedstaden| Human| Department of Virus and Microbiological Special Diagnostics| Albertsen Lab| Michaelsen| Denmark
> Spike|hCoV-19| England/MILK-B39B99/2020| 2020-11-02| EPI_ISL_650610| Original|hCoV-19| ^england| Human| University of Exeter| COVID-19 Genomics UK (COG-UK) consortium| Temperton| United Kingdom
> Spike|hCoV-19| Japan/PG-8481/2020| 2020-08-00| EPI_ISL_687580| Original|hCoV-19| ^japan| Human| Pathogen Genomics Center| Pathogen Genomics Center| Sekizuka| Japan
> Spike|hCoV-19| Wales/PHWC-48DAAF/2020| 2020-11-01| EPI_ISL_680721| Original|hCoV-19| ^wales| Human| Wales Specialist Virology Centre Sequencing lab| COVID-19 Genomics UK (COG-UK) consortium| Moore| United Kingdom
> Spike|hCoV-19| Denmark/DGCC-2115/2020| 2020-07-27| EPI_ISL_618377| Original|hCoV-19| ^midjylland| Human| Department of Virus and Microbiological Special Diagnostics| Albertsen lab| Michaelsen| Denmark
> Spike|hCoV-19| Austria/CeMM1095/2020| 2020-08-03| EPI_ISL_583891| Original|hCoV-19| ^st. wolfgang| Human| Austrian Agency for Health and Food Safety (AGES)| Bergthaler laboratory| Bergthaler| Austria
>Spike|hCoV-19/England/MILK-A053DB/2020|2020-09-30|EPI_ISL_600002|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Hong Kong/HKSH0049/2020|2020-10-05|EPI_ISL_578701|Original|hCoV-19^^Hong Kong|Human|Molecular Pathology Division|Molecular Pathology Division|Au|China

>Spike|hCoV-19/USA/NV-NSPHT-A0071/2020|2020-04-07|EPI_ISL_515351|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/Japan/PG-5062/2020|2020-08-00|EPI_ISL_690173|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WI-GMF-20172/2020|2020-09-14|EPI_ISL_547855|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/20169038304/2020|2020-04-14|EPI_ISL_528403|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Miah|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47D9F0/2020|2020-10-09|EPI_ISL_586223|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-9C1BB6/2020|2020-09-10|EPI_ISL_573225|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Papua New Guinea/5/2020|2020-07-20|EPI_ISL_693475|Original|hCoV-19^^Papua New Guinea|Human|Central Public Health Laboratory|National Public Health Laboratory|Mak|Papua New Guinea

>Spike|hCoV-19/England/CAMC-B2154B/2020|2020-11-02|EPI_ISL_647555|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BC7A2A/2020|2020-11-23|EPI_ISL_721418|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9D4716/2020|2020-09-18|EPI_ISL_601708|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1891/2020|2020-07-14|EPI_ISL_613715|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-680248/2020|2020-07-03|EPI_ISL_551756|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8992/2020|2020-09-00|EPI_ISL_686529|Original|hCoV-19^^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/SHEF-CD148/2020|2020-05-07|EPI_ISL_493710|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Australia/VIC4985/2020|2020-07-15|EPI_ISL_519789|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-9C02C1/2020|2020-09-09|EPI_ISL_573178|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMB-71D12/2020|2020-03-30|EPI_ISL_439876|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4470/2020|2020-09-14|EPI_ISL_615655|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
Spike|hCoV-19/England/QEUH-A8BFF7/2020|2020-10-15|EPI_ISL_643133|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
 Spike|hCoV-19/Denmark/DGCC-1495/2020|2020-05-25|EPI_ISL_617979|Original|hCoV-19
^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
 Spike|hCoV-19/USA/WA-S2464/2020|2020-06-15|EPI_ISL_497096|Original|hCoV-19
^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
 Spike|hCoV-19/Scotland/CVR2437/2020|2020-04-14|EPI_ISL_438905|Original|hCoV-19
^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
 Spike|hCoV-19/England/LIVE-AA642/2020|2020-03-24|EPI_ISL_517479|Original|hCoV-19
^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
 Spike|hCoV-19/USA/MI-UM-10036518963/2020|2020-10-19|EPI_ISL_628871|Original|hCoV-19
^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
 Spike|hCoV-19/USA/TX-HMH-MCoV-18484/2020|2020-11-20|EPI_ISL_784832|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
 Spike|hCoV-19/USA/NE-10732/2020|2020-05-05|EPI_ISL_466664|Original|hCoV-19
^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA
 Spike|hCoV-19/Scotland/QEUH-A1FD58/2020|2020-10-01|EPI_ISL_598975|Original|hCoV-19
^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
 Spike|hCoV-19/USA/PA-MGE143/2020|2020-04-07|EPI_ISL_454403|Original|hCoV-19
^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genome Sequencing Center|Mustapha|USA
 Spike|hCoV-19/France/ARA-SC722/2020|2020-11-15|EPI_ISL_779816|Original|hCoV-19
^Auvergne-Rhône-Alpes|Human|Laboratoire de virologie|CNR Virus des Infectios Respiratoires - France SUD|Bal|France
 Spike|hCoV-19/Brazil/MT-L16-CD347/2020|2020-03-30|EPI_ISL_476290|Original|hCoV-19
^Maranhao|Human|DB Diagn\u00f3sticos do Brasil|Instituto de Medicina Tropical da Universidade de S\u00e3o Paulo|Sabino|Brazil
 Spike|hCoV-19/USA/CO-CDPHE-2100005900/2020|2020-11-19|EPI_ISL_771163|Original|hCoV-19
^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Puplic Health and Environment|Bankers|USA
 Spike|hCoV-19/England/204820090/2020|2020-11-24|EPI_ISL_766233|Original|hCoV-19
^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
 Spike|hCoV-19/England/QEUH-B6687E/2020|2020-11-11|EPI_ISL_662348|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
 Spike|hCoV-19/Germany/HH-hpi-p1328/2020|2020-03-22|EPI_ISL_775898|Original|hCoV-19
^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany
 Spike|hCoV-19/USA/MI-MDHHS-SC20044/2020|2020-03-18|EPI_ISL_437131|Original|hCoV-19
^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
 Spike|hCoV-19/USA/WI-GMF-15024/2020|2020-08-12|EPI_ISL_547695|Original|hCoV-19
^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA
 Spike|hCoV-19/USA/TX-HMH-MCoV-11678/2020|2020-09-14|EPI_ISL_790085|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
 Spike|hCoV-19/Japan/PG-1747/2020|2020-05-05|EPI_ISL_685353|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
 Spike|hCoV-19/India/TG-CCMB-L1276/2020|2020-05-21|EPI_ISL_471589|Original|hCoV-19
^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India
>Spike|hCoV-19/England/ALDP-A67C54/2020|2020-10-12|EPI_ISL_630610|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Israel/CVL-n19018/2020|2020-06-05|EPI_ISL_516897|Original|hCoV-19^^Tel Aviv|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel
>Spik|hCoV-19/England/MILK-B56AC6/2020|2020-11-05|EPI_ISL_656938|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/USA/CO-CDPHE-2100001047/2020|2020-11-18|EPI_ISL_771283|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA
>Spik|hCoV-19/England/BRIS-123C11/2020|2020-04-07|EPI_ISL_442752|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spik|hCoV-19/England/MILK-99DDF9/2020|2020-08-31|EPI_ISL_550625|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Scotland/QEUH-B10FDB/2020|2020-11-03|EPI_ISL_649545|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/USA/WA-S1184/2020|2020-05-06|EPI_ISL_463674|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
>Spik|hCoV-19/England/QEUH-B65E40/2020|2020-11-10|EPI_ISL_655868|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/England/20166016004/2020|2020-04-12|EPI_ISL_466539|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spik|hCoV-19/Australia/VIC113/2020|2020-04-07|EPI_ISL_430575|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDLR)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spik|hCoV-19/Canada/QC-LSPQ-L00216731/2020|2020-03-13|EPI_ISL_535752|Original|hCoV-19^^Quebec|Human|H\u00e9pital Pierre-Le Gardeur|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada
>Spik|hCoV-19/USA/MI-UM-10036764295/2020|2020-11-03|EPI_ISL_682212|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>Spik|hCoV-19/Norway/5418/2020|2020-10-28|EPI_ISL_708085|Original|hCoV-19^^Troms og Finnmark|Human|University Hospital of Northern Norway|Norwegian Institute of Public Health|Kopperud Riis|Norway
>Spik|hCoV-19/England/ALDP-95C78F/2020|2020-06-20|EPI_ISL_554868|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/Pennsylvania/10036764295/2020|2020-04-12|EPI_ISL_466539|Original|hCoV-19^^Pennsylvania|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spik|hCoV-19/Denmark/DCGC-21370/2020|2020-12-21|EPI_ISL_758134|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelesen|Denmark
>Spik|hCoV-19/England/QEUH-7884D0/2020|2020-07-15|EPI_ISL_533119|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/USA/AR-TG670270/2020|2020-04-29|EPI_ISL_696444|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA
>Spik|hCoV-19/England/CAMC-B083E6/2020|2020-10-29|EPI_ISL_643638|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/Australia/NWS514/2020|2020-04-01|EPI_ISL_455054|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services|NSW Health Pathology -
Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spik|hCoV-19/Iceland/176/2020|2020-03-14|EPI_ISL_417812|Original|hCoV-19|Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\'00fsson|Iceland
>Spik|hCoV-19/England/CAMB-73DA7/2020|2020-04-01|EPI_ISL_433696|Original|hCoV-19|England|Human|Department of Virology and Immunology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spik|hCoV-19/England/SHEF-C433C/2020|2020-04-03|EPI_ISL_507163|Original|hCoV-19|England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spik|hCoV-19/Wales/QEUH-A4C4C6/2020|2020-10-07|EPI_ISL_628570|Original|hCoV-19|Wales|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spik|hCoV-19/Spain/MD-IBV-003682/2020|2020-04-02|EPI_ISL_467233|Original|hCoV-19|Spain/Madrid|Human|Hospital General Universitario Gregorio Mara\'u00f1of|u00f3n|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>Spik|hCoV-19/USA/MN-MDH-1957/2020|2020-08-27|EPI_ISL_613469|Original|hCoV-19|Minnesota|Human|Public Health Laboratory - Infectious Disease Lab|Minnesota Department of Health|Lorentz|USA
>Spik|hCoV-19/England/BRIS-130A5/2020|2020-03-13|EPI_ISL_492730|Original|hCoV-19|England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Denmark/DGCC-13920/2020|2020-11-30|EPI_ISL_711452|Original|hCoV-19|Spain/Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1of|u00f3n|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>Spik|hCoV-19/England/EXET-135836/2020|2020-04-10|EPI_ISL_457105|Original|hCoV-19|England/United Kingdom|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spik|hCoV-19/Japan/PG-5612/2020|2020-08-00|EPI_ISL_688737|Original|hCoV-19|Japan|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spik|hCoV-19/Canada/BC_23249316/2020|2020-03-00|EPI_ISL_462829|Original|hCoV-19|British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada
>Spik|hCoV-19/Wales/PHWC-16P3C9/2020|2020-10-04|EPI_ISL_585958|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik|hCoV-19/England/QEUH-19A0ADAB/2020|2020-10-01|EPI_ISL_599290|Original|hCoV-19|England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temerton|United Kingdom
>Spik|hCoV-19/Australia/VIC1251/2020|2020-07-23|EPI_ISL_640435|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spik|hCoV-19/Spain/MD-IBV-99007332/2020|2020-08-19|EPI_ISL_582819|Original|hCoV-19|Spain/Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1of|u00f3n|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>Spik|hCoV-19/England/QEUH-19A0ADAB/2020|2020-10-01|EPI_ISL_599290|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/ALDP-4F7B52/2020|2020-06-24|EPI_ISL_559250|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Sichuan/SC-LZ-079/2020|2020-02-19|EPI_ISL_451318|Original|hCoV-19|Sichuan|Human|West China Hospital of Sichuan University|State Key Laboratory of Biotherapy of Sichuan University|Tang|China
>Spik|hCoV-19/England/ALDP-B24830/2020|2020-11-04|EPI_ISL_646927|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/ALDP-B24830/2020|2020-11-04|EPI_ISL_646927|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Finland/5LS21E9/2020|2020-10-05|EPI_ISL_756056|Original|hCoV-19|Finland|Department of Virology and Immunology|Department of Virology|Smura|Finland
COVID-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19\^USA/Fl-QDX-224/2020|2020-04-16|EPI_ISL_498705|Original|hCoV-19\^Florida|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
> Spike|hCoV-19\^Norway/OV-RIVM-20098/2020|2020-11-09|EPI_ISL_723276|Original|hCoV-19\^Overijssel|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
> Spike|hCoV-19\^England/LDPE-981F04/2020|2020-08-10|EPI_ISL_552761|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19\^Florida|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
> Spike|hCoV-19\^England|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
> Spike|hCoV-19\^England|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
> Spike|hCoV-19\^England|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
> Spike|hCoV-19\^England|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19|Denmark/DCGC-17714/2020|2020-12-14|EPI_ISL_750406|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spikes|hCoV-19|England/ALDP-A2FP56/2020|2020-10-05|EPI_ISL_587216|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19|USA/CA-SR0232/2020|2020-04-21|EPI_ISL_437572|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spikes|hCoV-19|USA/VA-DCLS-1635/2020|2020-08-20|EPI_ISL_614038|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spikes|hCoV-19|Denmark/DCGC-13666/2020|2020-11-30|EPI_ISL_712945|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spikes|hCoV-19|Scotland/QEUH-899FDA/2020|2020-07-28|EPI_ISL_532755|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19|Luxembourg/LNS7643222/2020|2020-11-21|EPI_ISL_744606|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\'e0e9|Laboratoire national de sant\'e0e9|Wienecke-Baldacchino|Luxembourg
>Spikes|hCoV-19|USA/MD-MD-1036/2020|2020-05-07|EPI_ISL_462881|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA
>Spikes|hCoV-19|Canada/ON-E35/2020|2020-05-26|EPI_ISL_593513|Original|hCoV-19^^Ontario|Human|Eastern Ontario Regional Laboratory Association|McMaster University|McArthur|Canada
>Spikes|hCoV-19|Spain/MD-IBV-99007149/2020|2020-08-12|EPI_ISL_541921|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mar\'u00f1o|u00f1o|Hospital General Universitario Gregorio Mar\'u00f1o|u00f1o|Comas|Spain
>Spikes|hCoV-19|Denmark/DCGC-14519/2020|2020-11-30|EPI_ISL_711815|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spikes|hCoV-19|England/LOND-D6FF7/2020|2020-04-03|EPI_ISL_478451|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spikes|hCoV-19|Iceland/16/2020|2020-03-02|EPI_ISL_417807|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f6nsson|Iceland
>Spikes|hCoV-19|England/MILK-B3BAD6/2020|2020-11-02|EPI_ISL_679788|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Gobletchik|United Kingdom
>Spikes|hCoV-19|Italy/AU-IZSP-331PT/2020|2020-11-05|EPI_ISL_722911|Vero|hCoV-19^^Apulia|Human|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Paris|Italy
>Spikes|hCoV-19|England/NORW-EBC9E/2020|2020-05-05|EPI_ISL_457497|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spikes|hCoV-19|Belgium/UGL-9694/2020|2020-03-22|EPI_ISL_418654|Original|hCoV-19^^Li\u00e0lu00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
>Spikes|hCoV-19|England/ALDP-AA16C9/2020|2020-10-22|EPI_ISL_624986|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19|England/13060217/2020|2020-03-25|EPI_ISL_423248|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spikes|hCoV-19|England/20118084404/2020|2020-03-10|EPI_ISL_464943|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
Spike|hCoV-19/Netherlands/ZH-EMC-573/2020|2020-00-00|EPI_ISL_578001|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/Wales/PHWC-2BED8/2020|2020-04-10|EPI_ISL_445865|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/England/EXET-138262/2020|2020-10-07|EPI_ISL_611940|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Tempertons|United Kingdom
>Spike|hCoV-19/England/QEUH-BFOC40/2020|2020-12-05|EPI_ISL_709013|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DGCC-3132/2020|2020-08-31|EPI_ISL_615951|Original|hCoV-19^^Jutland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Wales/PHWC-48B2E5/2020|2020-10-28|EPI_ISL_666220|Original|hCoV-19^^Wales|Human|Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Japan/PG-7337/2020|2020-08-00|EPI_ISL_688440|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Denmark/DGCC-7654/2020|2020-10-19|EPI_ISL_618531|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/England/MILK-B3DB4A/2020|2020-11-01|EPI_ISL_741391|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/England/QEUH-9DC7E1/2020|2020-09-21|EPI_ISL_580962|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-9C5684/2020|2020-09-10|EPI_ISL_567596|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/BRIS-12C5D1/2020|2020-05-12|EPI_ISL_469523|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC4911/2020|2020-07-14|EPI_ISL_519287|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH505/2020|2020-04-16|EPI_ISL_512942|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia
>Spike|hCoV-19/England/ALDP-935AA1/2020|2020-06-21|EPI_ISL_552902|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-4921A2/2020|2020-11-17|EPI_ISL_706827|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/ALDP-9D9A18/2020|2020-09-18|EPI_ISL_576786|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/England/PORT-2EE710/2020|2020-12-20|EPI_ISL_765147|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike|hCoV-19/USA/UT-UPHL-201130447/2020|2020-04-09|EPI_ISL_623190|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/USA/NY-NYCPHL-000364/2020|2020-03-13|EPI_ISL_631867|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA
Spike|hCoV-19|England/QEUH-AD46DC/2020|2020-10-26|EPI-ISL_634696|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/CAMC-9418F3/2020|2020-07-19|EPI-ISL_556840|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/LA-EVTL100/2020|2020-05-06|EPI-ISL_451261|Original|hCoV-19^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spike|hCoV-19|Australia/VIC15270/2020|2020-09-11|EPI-ISL_593227|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19|England/CAMC-B363EF/2020|2020-11-05|EPI-ISL_645304|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|England/ALDP-B5BA0D/2020|2020-11-08|EPI-ISL_655410|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|Denmark/DCGC-3677/2020|2020-08-31|EPI-ISL_615450|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19|Germany/BY-MVP-0047/2020|2020-03-11|EPI-ISL_437246|Original|hCoV-19^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany
>Spike|hCoV-19|Netherlands/ZH-EMC-1131/2020|2020-12-18|EPI-ISL_763209|Original|hCoV-19^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19|USA/TX-HMH-MCoV-9649/2020|2020-07-06|EPI-ISL_780203|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|Belgium/DJMG-032516/2020|2020-03-25|EPI-ISL_420413|Original|hCoV-19^Mouscron|Human|KU Leuven|KU Leuven|Maes|Belgium
>Spike|hCoV-19|Denmark/DCGC-1707/2020|2020-03-23|EPI-ISL_617953|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19|England/CAMB-750BB/2020|2020-03-17|EPI-ISL_440391|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19|England/ALDP-94D675/2020|2020-06-15|EPI-ISL_555047|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/AZ-TG289241/2020|2020-05-05|EPI-ISL_694234|Original|hCoV-19^Arizona|Human|TGen North|TGen North|French|USA
>Spike|hCoV-19|USA/NY-NYCPHL-000150/2020|2020-04-05|EPI-ISL_631686|Original|hCoV-19^New York|Human|NYC HH Lincoln Medical And Mental Health Center|New York City Public Health Laboratory|Wang|USA
>Spike|hCoV-19|England/SHEF-C52A7/2020|2020-07-06|EPI-ISL_526439|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19|England/ALDP-B45AAC/2020|2020-11-07|EPI-ISL_656318|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|Denmark/DCGC-4980/2020|2020-09-14|EPI-ISL_621777|Original|hCoV-19^NA|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19|England/LIVE-DC4654/2020|2020-11-10|EPI-ISL_705899|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19|Denmark/DCGC-13318/2020|2020-11-30|EPI-ISL_712726|Original|hCoV-19^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
> Spike|hCoV-19|England/MILK-9E2F59/2020|2020-09-21|EPI_ISL_581172|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|France/HDF-8231/2020|2020-03-26|EPI_ISL_560591|Original|hCoV-19
^Hauts-de-France|Human|hospital|National Reference Center for Viruses of Respiratory Infections|Enouf|France
> Spike|hCoV-19|England/EOEH-B3P902/2020|2020-11-08|EPI_ISL_658437|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|Belgium/UGent-91/2020|2020-03-13|EPI_ISL_468739|Original|hCoV-19
^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium
> Spike|hCoV-19|Japan/PG-7734/2020|2020-09-00|EPI_ISL_686836|Original|hCoV-19
^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
> Spike|hCoV-19|England/LOND-12612C6/2020|2020-04-03|EPI_ISL_524620|Original|hCoV-19
^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|USA/TX-HMH-MCoV-13790/2020|2020-08-17|EPI_ISL_788883|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19|USA/VA-UW225/2020|2020-03-15|EPI_ISL_417374|Original|hCoV-19
^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
> Spike|hCoV-19|England/CAMB-7563I/2020|2020-03-15|EPI_ISL_425416|Original|hCoV-19
^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
> Spike|hCoV-19|USA/WI-UW-2068/2020|2020-10-08|EPI_ISL_677473|Original|hCoV-19
^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
> Spike|hCoV-19|USA/LA-EVTL113/2020|2020-05-06|EPI_ISL_451274|Original|hCoV-19
^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
> Spike|hCoV-19|Ireland/KE-NVRLE-73IRL48809/2020|2020-09-10|EPI_ISL_596895|Original|hCoV-19
^Kildare|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland
> Spike|hCoV-19|Wales/PHWC-28A8C/2020|2020-04-03|EPI_ISL_445394|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
> Spike|hCoV-19|Scotland/QEUH-95E996/2020|2020-08-09|EPI_ISL_532394|Original|hCoV-19
^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|India/OR-ILSCV12742/2020|2020-05-09|EPI_ISL_463013|Original|hCoV-19
^Odisha|Human|Institute of Life Sciences|Immunogenomics lab|Raghav|India
> Spike|hCoV-19|USA/VA-DCLS-2032/2020|2020-10-14|EPI_ISL_677176|Original|hCoV-19
^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA
> Spike|hCoV-19|Gambia/GC19-3831/2020|2020-07-27|EPI_ISL_561095|Original|hCoV-19
^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia
> Spike|hCoV-19|England/ALDP-A50BBB/2020|2020-10-07|EPI_ISL_597726|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Spain/IVB-004225/2020|2020-04-04|EPI_ISL_510507|Original|hCoV-19
^Basque Country|Human|Servicio de Microbiolog\u00eda|Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
> Spike|hCoV-19|Wales/PHWC-2ACDF/2020|2020-04-05|EPI_ISL_445691|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
> Spike|hCoV-19|England|ALDP-A68190|2020|2010-12|EPI ISL_608431|Original|hCoV-19^ England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|England|ALDP-9EB08A|2020|2010-09-24|EPI ISL_580079|Original|hCoV-19^ England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|Denmark|DGCC-8160|2020|2010-12|EPI ISL 617246|Original|hCoV-19^ Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelesen|Denmark

> Spike|hCoV-19|England|QUEUH-9AEBFB|2020|2010-09-03|EPI ISL_573487|Original|hCoV-19^ England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

> Spike|hCoV-19|Denmark|DGCC-7519|2020|2010-12|EPI ISL_619399|Original|hCoV-19^ Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelesen|Denmark

> Spike|hCoV-19|England|ALDP-B503C1|2020|2010-10-28|EPI ISL_6495318|Original|hCoV-19^ England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|England|ALDP-B503C1|2020|2010-10-28|EPI ISL_6495318|Original|hCoV-19^ England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|Finland|7LS2AA1|2020|2010-07|EPI ISL 756030|Original|hCoV-19^ Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

> Spike|hCoV-19|England|OXON-B4715|2020|2010-04-25|EPI ISL_534969|Original|hCoV-19^ England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

> Spike|hCoV-19|USA|WI-GMF-25441|2020|2010-12|EPI ISL_660926|Original|hCoV-19^ Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

> Spike|hCoV-19|England|OXON-B4715|2020|2010-04-25|EPI ISL_534969|Original|hCoV-19^ England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

> Spike|hCoV-19|England|LIVE-A254D|2020|2010-05-19|EPI ISL_499996|Original|hCoV-19^ England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

> Spike|hCoV-19|USA|AZ-TG648737|2020|2010-04-13|EPI ISL_695920|Original|hCoV-19^ Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

> Spike|hCoV-19|Australia|NSW1275|2020|2010-12-17|EPI ISL 745091|Original|hCoV-19^ New South Wales|Human|Australian Clinical Labs|CIDM-PHGall|Australia

> Spike|hCoV-19|Malaysia|IMR_WC1170|2020|2010-03-05|EPI ISL 430440|Original|hCoV-19^ Malaysia|Human|Institute for Medical Research|Institute for Medical Research|Suppliah|Malaysia

> Spike|hCoV-19|England|CAMC-B99775|2020|2010-11-15|EPI ISL 673330|Original|hCoV-19^ England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19|Denmark|DGCC-22390|2020|2010-12-14|EPI ISL_757534|Original|hCoV-19^ Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelesen|Denmark

> Spike|hCoV-19|USA|MI-QDX-596|2020|2010-03-18|EPI ISL_571333|Original|hCoV-19^ Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

> Spike|hCoV-19|England|MILK-99C6OE|2020|2010-08-30|EPI ISL 550710|Original|hCoV-19^ England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|Sweden|20-53713|2020|2010-12-11|EPI ISL 775542|Original|hCoV-19^ Stockholm|Human|Klinik mikrobiologi|The Public Health Agency of Sweden|Svartstru\00f6m|Sweden

> Spike|hCoV-19|USA|AZ-TG532044|2020|2010-07-01|EPI ISL_695397|Original|hCoV-19^ Arizona|Human|AZ SPHL|TGen North|French|USA

> Spike|hCoV-19|Japan|PG-7004|2020|2010-08-08|EPI ISL_688109|Original|hCoV-19^ Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19|Denmark|DCGC-5385|2020|2020-09-14|EPI_ISL_615317|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

> Spike|hCoV-19|England|QUEH-9CF9BE|2020|2020-09-15|EPI_ISL_590135|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|Sweden|20-06208|2020|2020-03-23|EPI_ISL_445223|Original|hCoV-19^^Skane|Human|Victoria Vard och Halsa|The Public Health Agency of Sweden|Svartstru00f6m|Sweden

> Spike|hCoV-19|Canada|ON-PHL-20-03786|2020|2020-11-00|EPI_ISL_775047|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

> Spike|hCoV-19|Wales|PHLC-255AC|2020|2020-03-23|EPI_ISL_421008|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

> Spike|hCoV-19|France|PAC-1266|2020|2020-08-17|EPI_ISL_569100|Original|hCoV-19^^Provence-Alpes-Cu00f4te-du-Vaucluse|Human|Maurano|France

> Spike|hCoV-19|USA|NY-NYUMC761|2020|2020-03-26|EPI_ISL_451475|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

> Spike|hCoV-19|England|ALDP-AA06F7|2020|2020-10-22|EPI_ISL_624173|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|USA|MI-MDHH-S2120|2020|2020-03-10|EPI_ISL_436801|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

> Spike|hCoV-19|USA|TX-DSHS-0483|2020|2020-05-14|EPI_ISL_560927|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

> Spike|hCoV-19|USA|WA-S2120|2020|2020-06-08|EPI_ISL_497548|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

> Spike|hCoV-19|England|ALDP-A677F9|2020|2020-10-12|EPI_ISL_630596|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|Gambia|GC19-3768|2020|2020-07-27|EPI_ISL_561071|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

> Spike|hCoV-19|England|ALDP-994D35|2020|2020-09-10|EPI_ISL_567866|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|India|KA-nimh-14709|2020|2020-05-10|EPI_ISL_486405|Original|hCoV-19^^Karnataka|Human|DH|Department of Neurovirology|Pattabiraman|India

> Spike|hCoV-19|USA|CA-C2B-2205|2020|2020-05-27|EPI_ISL_513753|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

> Spike|hCoV-19|Netherlands|ZH-EMC-569|2020|2020-09-20|EPI_ISL_577997|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

> Spike|hCoV-19|England|ML1K-A91AEE|2020|2020-10-19|EPI_ISL_704869|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

> Spike|hCoV-19|Danmark|DCGC-5313|2020|2020-09-14|EPI_ISL_615244|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

> Spike|hCoV-19|Australia|VIC11596|2020|2020-07-21|EPI_ISL_563425|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

> Spike|hCoV-19|England|205141236|2020|2020-12-16|EPI_ISL_756163|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Miah|United Kingdom

> Spike|hCoV-19|India|UT-AR44|2020|2020-05-28|EPI_ISL_508188|Original|hCoV-19^^Uttarakhand|Human|All india institute of Medical Sciences Rishikesh|National Institute of Biomedical Genomics|Maitra|India
>Spike|hCoV-19/England/MILK-ABB2AA/2020|2020-10-21|EPI_ISL_623294|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spie|hCoV-19/Japan/PG-1890/2020|2020-05-00|EPI_ISL_685496|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spie|hCoV-19/England/C200045771/2020|2020-11-10|EPI_ISL_664075|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spie|hCoV-19/England/CAMC-B3276F/2020|2020-11-05|EPI_ISL_659594|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spie|hCoV-19/England/ALDP-5BA228/2020|2020-06-15|EPI_ISL_558727|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spie|hCoV-19/England/ALDP-C8962F/2020|2020-12-17|EPI_ISL_756378|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spie|hCoV-19/England/ALDP-B45C97/2020|2020-11-07|EPI_ISL_656212|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spie|hCoV-19/USA/WI-UW-925/2020|2020-07-12|EPI_ISL_509925|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spie|hCoV-19/Denmark/DCGC-15201/2020|2020-11-23|EPI_ISL_713690|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaellsen|Denmark

>Spie|hCoV-19/Canada/QC-LSPQ-L00238920/2020|2020-03-26|EPI_ISL_536227|Original|hCoV-19^^Quebec|Human|Hôpital du Suroît\u00e9|Laboratoire de santé|U00e9|Moreira|Canada

>Spie|hCoV-19/France/IDF-3745/2020|2020-03-26|EPI_ISL_428363|Original|hCoV-19^^\u00e0|Humain|GH Nord Essonne Service de Biologie clinique|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spie|hCoV-19/England/MILK-974C91/2020|2020-08-21|EPI_ISL_552509|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spie|hCoV-19/England/QEUH-B0F358/2020|2020-11-02|EPI_ISL_642012|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spie|hCoV-19/Denmark/DCGC-5371/2020|2020-09-14|EPI_ISL_615302|Original|hCoV-19^^\u00e6|\u00f8denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spie|hCoV-19/USA/WI-UW-465/2020|2020-06-16|EPI_ISL_484840|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spie|hCoV-19/Australia/NSW1227/2020|2020-12-02|EPI_ISL_710125|Original|hCoV-19^^\u00e6|\u00f8 Australia|Human|South Eastern Area Laboratory Services (SEALS)|CIDM-PH et al.|Gall|Australia

>Spie|hCoV-19/England/CAMC-B33889/2020|2020-11-05|EPI_ISL_659371|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/OXON-B4DAA/2020|2020-05-03|EPI-ISL_535015|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Spain/IV-B-98008423/2020|2020-10-20|EPI-ISL_654599|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiología|u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Poland/Pom10/2020|2020-04-27|EPI-ISL_451651|Original|hCoV-19^^Pomorze|Human|Hematology Laboratory|Laboratory of Recombinant Vaccines|Rabalski|Poland

>Spike|hCoV-19/USA/TX-HMH-MCoV-12618/2020|2020-08-31|EPI-ISL_790422|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Gibraltar/205121272/2020|2020-00-00|EPI-ISL_766391|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Wales/PHWC-318E0/2020|2020-04-11|EPI-ISL_446501|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-97009542/2020|2020-10-28|EPI-ISL_671841|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiologia\u00eda|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMC-B986E2/2020|2020-11-15|EPI-ISL_675107|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4930D1/2020|2020-11-28|EPI-ISL_725836|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DGCC-7650/2020|2020-10-19|EPI-ISL_618557|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelisen|Denmark

>Spike|hCoV-19/Northern Ireland/NIRE-23454E/2020|2020-10-19|EPI-ISL_680404|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/204900599/2020|2020-11-27|EPI-ISL_723021|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Slovakia/ChVir-1996/2020|2020-03-00|EPI-ISL_516988|Original|hCoV-19^^Bratislava|Human|Public Health Authority of the Slovak Republic|Charite Universitatsmedizin Berlin|Muehleman|Slovakia

>Spike|hCoV-19/USA/MI-UM-10036625470/2020|2020-10-26|EPI-ISL_650030|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Malaysia/UNIMAS-0298/2020|2020-04-02|EPI-ISL_718138|Original|hCoV-19^^Sarawak|Human|Ministry of Health Hospitals|Institute of Health and Community Medicine|Jonathan|Malaysia

>Spike|hCoV-19/Singapore/625/2020|2020-05-09|EPI-ISL_490075|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/AZ-TG565842/2020|2020-07-31|EPI-ISL_695558|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/MILK-C308E5/2020|2020-12-07|EPI-ISL_782762|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A00ACC/2020|2020-10-02|EPI-ISL_585546|Original|hCoV-19^^Scotland|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/CT-Yale-625/2020|2020-06-13|EPI-ISL_730080|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15289/2020|2020-10-21|EPI-ISL_786773|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/England/CAMC-B07C0FB/2020|2020-10-29|EPI_ISL_643732|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/England/MILK-63FEB0/2020|2020-07-04|EPI_ISL_556164|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/LIVE-A55A4/2020|2020-03-20|EPI_ISL_500128|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
Spike|hCoV-19/USA/NE-11647/2020|2020-05-05|EPI_ISL_466680|Original|hCoV-19^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA
Spike|hCoV-19/USA/TX-HMH-MCoV-15151/2020|2020-10-17|EPI_ISL_786635|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/Denmark/DCGC-11417/2020|2020-11-02|EPI_ISL_670906|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
Spike|hCoV-19/Scotland/EDB8662/2020|2020-10-24|EPI_ISL_650793|Original|hCoV-19^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
Spike|hCoV-19/Canada/ON_GLO-036/2020|2020-03-30|EPI_ISL_459887|Original|hCoV-19^Ontario|Human|Kingston Health Sciences Center|Queen's Genomics Lab at Ongwanada (Q-GLO)|Sjaarda|Canada
Spike|hCoV-19/Singapore/932/2020|2020-03-29|EPI_ISL_538464|Original|hCoV-19^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore
Spike|hCoV-19/England/QEUH-9E4C32/2020|2020-09-22|EPI_ISL_579778|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/LIVE-DCC66B/2020|2020-11-26|EPI_ISL_724523|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
Spike|hCoV-19/Denmark/DCGC-12949/2020|2020-12-07|EPI_ISL_712250|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
Spike|hCoV-19/Belgium/ULG-10267/2020|2020-07-07|EPI_ISL_515074|Original|hCoV-19^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
Spike|hCoV-19/England/NORT-2A4D9C/2020|2020-09-17|EPI_ISL_573405|Original|hCoV-19^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
Spike|hCoV-19/England/ALDP-C25FFD/2020|2020-12-06|EPI_ISL_782878|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/USA/TX-HMH-MCoV-13423/2020|2020-08-24|EPI_ISL_788559|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/Denmark/DCGC-990/2020|2020-03-09|EPI_ISL_614571|Original|hCoV-19^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
Spike|hCoV-19/England/QEUH-9901DC/2020|2020-08-26|EPI_ISL_539964|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
\textbf{Spike|hCoV-19|England|QEUH-965835|2020|2020-08-11|EPI_ISL_531011|Original|hCoV-19\^\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom}

\textbf{Spike|hCoV-19|USA|TX-HMH-3279|2020|2020-06-11|EPI_ISL_544097|Original|hCoV-19\^\^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA}

\textbf{Spike|hCoV-19|USA|TX-DSHS-1024|2020|2020-03-25|EPI_ISL_644178|Original|hCoV-19\^\^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA}

\textbf{Spike|hCoV-19|USA|UT-UPHL-2009586|2020|2020-07-19|EPI_ISL_605264|Original|hCoV-19\^\^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA}

\textbf{Spike|hCoV-19|England|MILK-BAB734|2020|2020-11-18|EPI_ISL_783273|Original|hCoV-19\^\^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom}

\textbf{Spike|hCoV-19|Wales|MILK-A46E64|2020|2020-10-06|EPI_ISL_609257|Original|hCoV-19\^\^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom}

\textbf{Spike|hCoV-19|South Africa|KRISP-K002635|2020|2020-08-04|EPI_ISL_535505|Original|hCoV-19\^\^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira Ta|South Africa}

\textbf{Spike|hCoV-19|USA|AZ-TG269891|2020|2020-03-17|EPI_ISL_694049|Original|hCoV-19\^\^Arizona|Human|AZ SPHL|TG en North|French|USA}

\textbf{Spike|hCoV-19|England|MILK-B3CB69|2020|2020-11-01|EPI_ISL_704877|Original|hCoV-19\^\^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom}

\textbf{Spike|hCoV-19|England|MILK-970AF5|2020|2020-08-18|EPI_ISL_553208|Original|hCoV-19\^\^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom}

\textbf{Spike|hCoV-19|Belgium|rega-0508544|2020|2020-05-08|EPI_ISL_734713|Original|hCoV-19\^\^Casteau|Human|UZ Leuven|KU Leuven|Maes|Belgium}

\textbf{Spike|hCoV-19|USA|MI-MDHH-SCC22001|2020|2020-04-15|EPI_ISL_577566|Original|hCoV-19\^\^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA}

\textbf{Spike|hCoV-19|Canada|ON-PHL-20-01273|2020|2020-06-00|EPI_ISL_548881|Original|hCoV-19\^\^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada}

\textbf{Spike|hCoV-19|England|CAMC-BD4644|2020|2020-11-27|EPI_ISL_702060|Original|hCoV-19\^\^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom}

\textbf{Spike|hCoV-19|USA|UT-UPHL-201025099|2020|2020-05-29|EPI_ISL_594069|Original|hCoV-19\^\^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA}

\textbf{Spike|hCoV-19|England|CAMB-7FOA2|2020|2020-04-07|EPI_ISL_442825|Original|hCoV-19\^\^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom}

\textbf{Spike|hCoV-19|USA|CA-ALSR-1164|2020|2020-04-05|EPI_ISL_494406|Original|hCoV-19\^\^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA}

\textbf{Spike|hCoV-19|USA|TX-HMH-MCoV-11355|2020|2020-09-04|EPI_ISL_789777|Original|hCoV-19\^\^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA}

\textbf{Spike|hCoV-19|Netherlands|LI-EMC-138|2020|2020-03-01|EPI_ISL_763106|Original|hCoV-19\^\^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands}

\textbf{Spike|hCoV-19|Denmark|DCGC-16065|2020|2020-11-16|EPI_ISL_714569|Original|hCoV-19\^\^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark}

\textbf{Spike|hCoV-19|England|QEUH-B7E5A9|2020|2020-11-14|EPI_ISL_667997|Original|hCoV-19\^\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom}

\textbf{Spike|hCoV-19|Mexico|BCN-ALSR-4905|2020|2020-07-11|EPI_ISL_730207|Original|hCoV-19\^\^Baja California|Human|Genomica Lab Molecular|Andersen lab at Scripps Research|Gangavarapu|Mexico}
> Spike|hCoV-19/South Africa/NHLS-UCT-GS-2116/2020|2020-09-24|EPI_ISL_700489|Original|hCoV-19^^Western Cape|Human|Mitchells Plain Hospital wc MPH|NHLS/UCT|Iranszadeh|South Africa
> Spike|hCoV-19/Australia/NSW2881/2020|2020-10-12|EPI_ISL_586571|Original|hCoV-19^^New South Wales|Human|Virology|Area of Virology|Yeang|Australia
> Spike|hCoV-19/England/NORT-283425/2020|2020-03-30|EPI_ISL_472244|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) consortium|Bashston|United Kingdom
> Spike|hCoV-19/America/CA-CZB015a/2020|2020-03-18|EPI_ISL_417939|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA
> Spike|hCoV-19/England/QUEUH-B7F423/2020|2020-11-14|EPI_ISL_661765|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Singapore/918/2020|2020-04-09|EPI_ISL_538445|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore
> Spike|hCoV-19/Denmark/DCGC-1839/2020|2020-05-04|EPI_ISL_622595|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
> Spike|hCoV-19/America/AZ-TG305756/2020|2020-04-27|EPI_ISL_694266|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA
> Spike|hCoV-19/England/BRTS-125A7F/2020|2020-03-29|EPI_ISL_443899|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
> Spike|hCoV-19/Israel/130710097/2020|2020-04-15|EPI_ISL_447467|Original|hCoV-19^^Tel Aviv District|Human|Clinical Microbiology Laboratory|Stern Lab|Miller|Israel
> Spike|hCoV-19/Japan/PG-8323/2020|2020-04-01|EPI_ISL_466044|Original|hCoV-19^^Japan|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
> Spike|hCoV-19/Singapore/1408/2020|2020-05-01|EPI_ISL_648661|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore
> Spike|hCoV-19/Netherlands/NB-EMC-463/2020|2020-07-24|EPI_ISL_722810|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
> Spike|hCoV-19/Denmark/DCGC-5571/2020|2020-09-28|EPI_ISL_620896|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
> Spike|hCoV-19/America/AZ-TG395923/2020|2020-06-08|EPI_ISL_694763|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA
> Spike|hCoV-19/Japan/PG-3378/2020|2020-04-01|EPI_ISL_691493|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
> Spike|hCoV-19/Denmark/DCGC-15183/2020|2020-11-23|EPI_ISL_713495|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
> Spike|hCoV-19/America/AZ-TG547329/2020|2020-07-06|EPI_ISL_695482|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA
>Spike|hCoV-19/England/CAMC-9DFA21/2020|2020-09-21|EPI_ISL_638141|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Scotland/QUEH-9DA7C5/2020|2020-09-22|EPI_ISL_575381|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC3091/2020|2020-07-05|EPI_ISL_520798|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL

>Spike|hCoV-19/USA/TX-HMH-MCoV-18571/2020|2020-11-19|EPI_ISL_784919|Original|hCoV-19^^USA/Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-A58E14/2020|2020-10-09|EPI_ISL_596981|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SP-816/2020|2020-03-24|EPI_ISL_776751|Original|hCoV-19^^Brazil|Human|Instituto Adolfo Lutz - Central|Instituto Adolfo Lutz

>Spike|hCoV-19/Luxembourg/LNS191676/2020|2020-10-17|EPI_ISL_740022|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de santé

>Spike|hCoV-19/France/ARA-96015/2020|2020-10-28|EPI_ISL_732700|Original|hCoV-19^^France|Auvergne-Rhône-Alpes|Human|CNR Virus des Infections Respiratoires - France

>Spike|hCoV-19/England/MILK-9A5365/2020|2020-09-03|EPI_ISL_550156|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-93COB7/2020|2020-06-21|EPI_ISL_552950|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B80F6A/2020|2020-11-14|EPI_ISL_667879|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB2268/2020|2020-04-21|EPI_ISL_439178|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Scotland/QUEUH-B3FD6E/2020|2020-11-08|EPI_ISL_658523|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QUEUH-A9FB04/2020|2020-10-21|EPI_ISL_665322|Original|hCoV-19^^Scotland|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust / COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|Bashton|United Kingdom

>Spike|hCoV-19/Australia/VIC2065/2020|2020-06-15|EPI_ISL_480755|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/HI-H200103/2020|2020-06-24|EPI_ISL_752667|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA
Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

> Spike|hCoV-19/USA/TX-HMW-MCoV-10858/2020|2020-07-05|EPI_ISL_789267|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

> Spike|hCoV-19/Japan/PG-2736/2020|2020-03-00|EPI_ISL_690868|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

> Spike|hCoV-19/Australia/VIC4007/2020|2020-07-16|EPI_ISL_519393|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

> Spike|hCoV-19/England/MILK-BB0602/2020|2020-11-17|EPI_ISL_720003|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/Scotland/CVR4933/2020|2020-10-06|EPI_ISL_594699|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

> Spike|hCoV-19/Denmark/DCGC-13377/2020|2020-11-30|EPI_ISL_712761|Original|hCoV-19^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

> Spike|hCoV-19/Netherlands/Friesland_31/2020|2020-04-17|EPI_ISL_460846|Original|hCoV-19^Friesland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oudenov|Netherlands

> Spike|hCoV-19/England/ALDP-94E9B7/2020|2020-06-17|EPI_ISL_555000|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/England/20166056604/2020|2020-04-14|EPI_ISL_466554|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

> Spike|hCoV-19/USA/MI-UM-10036593790/2020|2020-10-23|EPI_ISL_650011|Original|hCoV-19^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

> Spike|hCoV-19/England/QEUH-AAB841/2020|2020-10-21|EPI_ISL_652817|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

> Spike|hCoV-19/England/LOND-12F17F9/2020|2020-12-16|EPI_ISL_763545|Original|hCoV-19^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

> Spike|hCoV-19/Wales/PHWC-16681E/2020|2020-06-10|EPI_ISL_494045|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/Scotland/CVR3497/2020|2020-05-12|EPI_ISL_456883|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

> Spike|hCoV-19/England/ALDP-AA34DC/2020|2020-10-22|EPI_ISL_623880|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/Scotland/QEUH-B2CCD2/2020|2020-11-03|EPI_ISL_676396|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/Scotland/BRE-IPP9957/2020|2020-10-18|EPI_ISL_693764|Original|hCoV-19^Bretnage|Human|Hospital|National Reference Center for Viruses of Respiratory Infections|Enouf|France

> Spike|hCoV-19/USA/TX-HMW-7819/2020|2020-07-02|EPI_ISL_545647|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

> Spike|hCoV-19/USA/FL-BPHL-1025/2020|2020-07-21|EPI_ISL_517915|Original|hCoV-19^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

> Spike|hCoV-19/Ireland/D-NVRL-201LR10837/2020|2020-11-19|EPI_ISL_732448|Original|hCoV-19^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland
>Spike|hCoV-19|Finland/1SS6AH8/2020|2020-09-01|EPI_ISL_757367|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19|Denmark/ALAB-SSI-1244/2020|2020-03-11|EPI_ISL_444823|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19|England/QEUh-9DC259/2020|2020-09-21|EPI ISL_601241|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|USA/TX-HMH-MCoV-10248/2020|2020-07-07|EPI ISL_789389|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19|Scotland/CVR2076/2020|2020-04-10|EPI ISL_493763|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19|DRC/2047/2020|2020-04-12|EPI ISL_435161|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Pratt|Democratic Republic of the Congo

>Spike|hCoV-19|Scotland/CVR2394/2020|2020-04-13|EPI ISL_477927|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19|Wales/PHWC-15D21C/2020|2020-05-07|EPI ISL_472685|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19|Wales/PHWC-4A2DE7/2020|2020-12-14|EPI ISL_744019|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19|Netherlands/OV-RIVM-20500/2020|2020-11-18|EPI ISL_728715|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19|England/QEUh-9F5F26/2020|2020-09-25|EPI ISL_588985|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|Australia/VIC12670/2020|2020-00-00|EPI ISL_592050|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19|France/PAC-IHU-0049/2020|2020-03-18|EPI ISL_569269|Original|hCoV-19^^Provence-Alpes-C\u00e9te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19|Japan/PG-5641/2020|2020-04-00|EPI ISL_688765|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan

>Spike|hCoV-19|England/MILK-BFF959/2020|2020-12-02|EPI ISL_720838|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19|Wales/PHWC-4998D3/2020|2020-12-04|EPI ISL_727373|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19|Denmark/DCGC-1976/2020|2020-07-13|EPI ISL_618311|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19|USA/MI-MDHHS-SC21594/2020|2020-03-26|EPI ISL_516321|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19|Serbia/Sabac-001701607/2020|2020-07-15|EPI ISL_678493|Original|hCoV-19^^Sabac|Human|Veterinary Specialized Institute \Sabac\|Veterinary Specialized Institute \Kraljevo\|Vidanovic|Serbia

>Spike|hCoV-19|Austria/CeMM0304/2020|2020-03-29|EPI ISL_475779|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19|Denmark/DCGC-12435/2020|2020-11-16|EPI ISL_682616|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
COVID-19

England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the

Luxembourg|Human|Laboratoire national de santé|Laboratoire national de santé

England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK)

Consortium|Goodfellow|United Kingdom

USA/AlDp-B5B566/2020|2020-11-08|EPI_ISL_65593|Original|hCoV-19

England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the

COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the

COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Netherlands/ZH-EMC-668/2020|2020-10-05|EPI_ISL_632508|Original|hCoV-19

South Korea|Human|Division of Viral Diseases|Division of Viral Diseases

Kim|South Korea

England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK)

Dien Bard|USA

Japan|Pathogen Genomics Center|Pathogen Genomics Center

Sekizuka|Japan

England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the

COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the

COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Sweden/20-53636/2020|2020-12-03|EPI_ISL_766522|Original|hCoV-19

Vastra Gotaland|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr|\u00f66|Sweden

India/UP-NBRI-N55-TEH861/2020|2020-05-25|EPI_ISL_516983|Original|hCoV-19

Uttar Pradesh|Human|King Georges Medical University|CSIR-National Botanical Research Institute|Bag|India

England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the

COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the

COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Kazakhstan/26828/2020|2020-04-26|EPI_ISL_454517|Original|hCoV-19

Nur-Sultan|Human|RSE National Center for Biotechnology|National Center for Biotechnology|Kalendar|Kazakhstan

Luxembourg/LNS1481285/2020|2020-11-16|EPI_ISL_739942|Original|hCoV-19

Luxembourg|Human|Laboratoire national de santé|Laboratoire national de santé

Wienecke-Baldacchino|Luxembourg

England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the

COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA/TX-HMH-MCoV-15212/2020|2020-10-20|EPI_ISL_786696|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|India/WB-IICB-014/2020|2020-09-10|EPI_ISL_578182|Original|hCoV-19^West Bengal|Human|CSIR-Indian Institute of Chemical Biology|CSIR-Indian Institute of Chemical Biology|Bhowmik|India
Spike|hCoV-19|Denmark/DGCC-4056/2020|2020-09-14|EPI_ISL_622012|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albersen lab|Michaelsen|Denmark
Spike|hCoV-19|Belgium/ULG-10206/2020|2020-05-07|EPI_ISL_484695|Original|hCoV-19^Belgium|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
Spike|hCoV-19|England/ALDP-A94623/2020|2020-10-19|EPI_ISL_624805|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/LEED-2A99EE/2020|2020-04-10|EPI_ISL_538828|Original|hCoV-19^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/CAMC-A81E6D/2020|2020-10-14|EPI_ISL_610770|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Scotland/CVR202/2020|2020-03-19|EPI_ISL_425733|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
Spike|hCoV-19|Scotland/EDB8885/2020|2020-10-28|EPI_ISL_651169|Original|hCoV-19^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
Spike|hCoV-19|England/204221517/2020|2020-00-00|EPI_ISL_593840|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
Spike|hCoV-19|USA/MI-MDHHS-SC22200/2020|2020-10-22|EPI_ISL_644368|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA
Spike|hCoV-19|England/LOND-124D2A2/2020|2020-03-29|EPI_ISL_507077|Original|hCoV-19^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom
Spike|hCoV-19|England/MILK-99A2A2/2020|2020-08-27|EPI_ISL_550367|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Scotland/GCVR-171A0B/2020|2020-03-27|EPI_ISL_489547|Original|hCoV-19^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA/ME-HETL-J0081/2020|2020-03-18|EPI_ISL_513492|Original|hCoV-19^Maine|Human|Maine HETL|Tewhey Lab|Tewhey|USA
Spike|hCoV-19|Netherlands/GE-RIVM-20587/2020|2020-12-12|EPI_ISL_790627|Original|hCoV-19^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
Spike|hCoV-19|England/SHEF-C6EA2/2020|2020-03-30|EPI_ISL_432831|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
Spike|hCoV-19|USA/MN-MDH-1414/2020|2020-06-25|EPI_ISL_514633|Original|hCoV-19^Minnesota|Human|M Health Fairview|Minnesota Department of Health|Garfin|USA
Spike|hCoV-19|Belgium/rega-0722819/2020|2020-07-22|EPI_ISL_734823|Original|hCoV-19^Leuven|Human|UZ Leuven|KU Leuven|Maes|Belgium
Spike|hCoV-19|USA/CA-CHLA-PLM21531999/2020|2020-11-30|EPI_ISL_753457|Original|hCoV-19^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA
>Spike|hCoV-19|Canada/BC-BCCDC-8560/2020|2020-11-00|EPI_ISL_740819|Original|hCoV-19
^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajeczyk|Canada

>Spikes|hCoV-19|Switzerland/ZH-ETHZ-300236/2020|2020-09-30|EPI_ISL_603269|Original|hCoV-19
^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spikes|hCoV-19|Denmark/DGCI-11005/2020|2020-11-02|EPI_ISL_669498|Original|hCoV-19
^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelelsen|Denmark

>Spikes|hCoV-19|USA/MI-UM-10035750305/2020|2020-09-01|EPI_ISL_583306|Original|hCoV-19
^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spikes|hCoV-19|England/20139058104/2020|2020-03-28|EPI_ISL_420723|Original|hCoV-19
^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spikes|hCoV-19|United Arab Emirates/0709/2020|2020-05-19|EPI_ISL_698860|Original|hCoV-19
^Abu Dhabi|Human|Group 42 (G42) Healthcare|Ogrodzki|United Arab Emirates

>Spikes|hCoV-19|England/ALDP-A93F92/2020|2020-10-19|EPI_ISL_611274|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19|Latvia/041/2020|2020-03-22|EPI_ISL_486424|Original|hCoV-19
^Latvia|Human|Latvijas Infektoķaudziņu centrs|Latvian Biomedical Research and Study Centre|Zrelnovs|Latvia

>Spikes|hCoV-19|USA/UT-UPHL-200887/2020|2020-05-28|EPI_ISL_525001|Original|hCoV-19
^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spikes|hCoV-19|England/EXET-136D72/2020|2020-04-21|EPI_ISL_471921|Original|hCoV-19
^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spikes|hCoV-19|England/ALDP-955425/2020|2020-06-12|EPI_ISL_554593|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19|England/ALDP-953955/2020|2020-06-13|EPI_ISL_553765|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19|USA/CA-CZB-2175/2020|2020-05-25|EPI_ISL_513725|Original|hCoV-19
^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spikes|hCoV-19|Hong Kong/VM20040254/2020|2020-07-13|EPI_ISL_523841|Original|hCoV-19
^Hong Kong|Human|Queen Elizabeth Hospital|Hong Kong Department of Health|Mak|China

>Spikes|hCoV-19|Australia/VIC3368/2020|2020-07-06|EPI_ISL_521047|Original|hCoV-19
^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spikes|hCoV-19|USA/CT-Yale-S016/2021|2021-01-02|EPI_ISL_779151|Original|hCoV-19
^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab – Yale School of Public Health|Grubaugh|USA

>Spikes|hCoV-19|USA/TX-HMH-4529/2020|2020-06-21|EPI_ISL_543694|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spikes|hCoV-19|Wales/MILK-9715C6/2020|2020-08-18|EPI_ISL_553260|Original|hCoV-19
^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19|England/ALDP-A51710/2020|2020-10-07|EPI_ISL_598032|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19|England/MILK-B8EDAE/2020|2020-11-13|EPI_ISL_674651|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19|USA/WA-UW-10114/2020|2020-05-29|EPI_ISL_461468|Original|hCoV-19
^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spikes|hCoV-19|England/MILK-D08CCB/2020|2020-12-19|EPI_ISL_781238|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Belgium/ULG-10798/2020|2020-11-17|EPI_ISL_661208|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spikes|hCoV-19/Scotland/QEUH-AADC34/2020|2020-10-22|EPI_ISL_624105|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19/England/MILK-99D272/2020|2020-08-30|EPI_ISL_549855|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19/Spain/AR-IBV-005087/2020|2020-04-23|EPI_ISL_510370|Original|hCoV-19^^Aragon|Human|Servicio de Microbiologia\u00eda|SeqCOVID-SPAIN consortium/IVB(CSIC)|Comas|Spain

>Spikes|hCoV-19/Iceland/462/2020|2020-03-20|EPI_ISL_424485|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spikes|hCoV-19/USA/MI-MDHH-S21503/2020|2020-04-01|EPI_ISL_516230|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spikes|hCoV-19/Northern Ireland/NIRE-2341E0/2020|2020-10-14|EPI_ISL_680353|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spikes|hCoV-19/India/DL-NCDCC-3170/2020|2020-04-05|EPI_ISL_436425|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDCC)|NCDCC/CSIR-IGIB|Singh|India

>Spikes|hCoV-19/Scotland/EDB5388/2020|2020-04-02|EPI_ISL_461735|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) consortium|Williams|United Kingdom

>Spikes|hCoV-19/England/QEUH-C3327B/2020|2020-12-11|EPI_ISL_734123|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19/England/MILK-95996E/2020|2020-06-07|EPI_ISL_554699|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19/Japan/PG-5549/2020|2020-08-06|EPI_ISL_688674|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikuzuka|Japan

>Spikes|hCoV-19/USA/TX-HMH-MCOV-16340/2020|2020-11-02|EPI_ISL_786024|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spikes|hCoV-19/England/ALDP-A6D34A/2020|2020-10-15|EPI_ISL_608011|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19/USA/TX-HMH-6530/2020|2020-06-27|EPI_ISL_546061|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spikes|hCoV-19/Wales/PHWC-16E403/2020|2020-09-28|EPI_ISL_585714|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spikes|hCoV-19/Uganda/UG088/2020|2020-08-22|EPI_ISL_737999|Original|hCoV-19^^Uganda|Human|Uganda Central Public Health Lab and Uganda Virus Research Institute|MRC/UVRI & LSHTM Uganda\u00a0| Research Unit |Cotten|Uganda

>Spikes|hCoV-19/England/201909782/2020|2020-03-06|EPI_ISL_452258|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spikes|hCoV-19/USA/MI-MDHH-S21743/2020|2020-07-30|EPI_ISL_529861|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spikes|hCoV-19/England/20140008402/2020|2020-03-29|EPI_ISL_421929|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spikes|hCoV-19/England/ALDP-5D012F/2020|2020-06-19|EPI_ISL_558419|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19/Spain/MD-IBV-9901239/2020|2020-11-19|EPI_ISL_779955|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mar\u00eda\u00f3n|SeqCOVID-SPAIN consortium/IVB(CSIC)|Comas|Spain
COVID-19\^\text{England}\:\text{Human}\:\text{Lighthouse Lab in Alderley Park}\:\text{Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium}\:\text{Davies}\:\text{United Kingdom}

COVID-19\^\text{England}\:\text{Human}\:\text{Lighthouse Lab in Milton Keynes}\:\text{Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium}\:\text{Davies}\:\text{United Kingdom}

COVID-19\^\text{England}\:\text{Human}\:\text{Virology Department}\:\text{COVID-19 Genomics UK (COG-UK) Consortium}\:\text{de Silva}\:\text{United Kingdom}

COVID-19\^\text{England}\:\text{Human}\:\text{Lighthouse Lab in Milton Keynes}\:\text{Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium}\:\text{Davies}\:\text{United Kingdom}

COVID-19\^\text{England}\:\text{Human}\:\text{Lighthouse Lab in Alderley Park}\:\text{Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium}\:\text{Davies}\:\text{United Kingdom}

COVID-19\^\text{England}\:\text{Human}\:\text{Lighthouse Lab in Alderley Park}\:\text{Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium}\:\text{Davies}\:\text{United Kingdom}

COVID-19\^\text{England}\:\text{Human}\:\text{Lighthouse Lab in Alderley Park}\:\text{Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium}\:\text{Davies}\:\text{United Kingdom}

COVID-19\^\text{England}\:\text{Human}\:\text{Lighthouse Lab in Alderley Park}\:\text{Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium}\:\text{Davies}\:\text{United Kingdom}
>Spike|hCoV-19/USA/TX-HMH-MCoV-14181/2020|2020-10-02|EPI_ISL_787466|Original|hCoV-19^^England|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spikes|hCoV-19/USA/TX-HMH-5337/2020|2020-06-25|EPI_ISL_544693|Original|hCoV-19^^England|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spikes|hCoV-19/Denmark/ALAB-SS1-941/2020|2020-03-31|EPI_ISL_437682|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark
>Spikes|hCoV-19/USA/AZ-TG447995/2020|2020-06-26|EPI_ISL_695014|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA
>Spikes|hCoV-19/Sweden/20-52114/2020|2020-05-15|EPI_ISL_615094|Original|hCoV-19^^Vasterbotten|Human|Umea klinisk mikrobiologi|The Public Health Agency of Sweden|Svarstr|u00e6|ingen|Sweden
>Spikes|hCoV-19/England/LIVE-A7P95/2020|2020-03-26|EPI_ISL_517097|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spikes|hCoV-19/Denmark/DCGC-8099/2020|2020-10-26|EPI_ISL_617178|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spikes|hCoV-19/USA/MA-MGH-00978/2020|2020-05-03|EPI_ISL_791838|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA
>Spikes|hCoV-19/Australia/VIC284/2020|2020-03-22|EPI_ISL_419975|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia
>Spikes|hCoV-19/USA/WA-UW-23415/2020|2020-08-10|EPI_ISL_576449|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spikes|hCoV-19/USA/NY-Wadsworth-109966-01/2020|2020-05-20|EPI_ISL_676949|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
>Spikes|hCoV-19/Norway/6292/2020|2020-10-23|EPI_ISL_775379|Original|hCoV-19^^Nordland|Human|Nordland Hospital - Bodo|Norwegian Institute of Public Health|Vollan|Norway
>Spikes|hCoV-19/Denmark/DCGC-9431/2020|2020-11-09|EPI_ISL_668967|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spikes|hCoV-19/Wales/MILK-9C37DE/2020|2020-09-10|EPI_ISL_566957|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/England/ALDP-C3A62D/2020|2020-12-09|EPI_ISL_731328|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spikes|hCoV-19/Costa Rica/INC-0056/2020|2020-06-12|EPI_ISL_512662|Original|hCoV-19^^San Jose|Human|Are de Salud La Cruz|Inciencia|Brenes Porras|Costa Rica
>Spikes|hCoV-19/Scotland/CVR1914/2020|2020-04-07|EPI_ISL_438853|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spikes|hCoV-19/Wales/PHWC-499590/2020|2020-12-03|EPI_ISL_727324|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spikes|hCoV-19/USA/TX-HMH-5635/2020|2020-06-23|EPI_ISL_544921|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spikes|hCoV-19/France/IDF-3081/2020|2020-03-17|EPI_ISL_443300|Original|hCoV-19^^u00c0le de France|Human|Cabinet M\u00e9dical|National Reference Center for Viruses of Respiratory Infections|Enouf|France
>Spikes|hCoV-19/England/CAMB-7674C/2020|2020-03-30|EPI_ISL_438259|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/Canada/ON-OICR-SLB2802/2020|2020-03-30|EPI_ISL 538333|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Centre / Queen's University|Ontario Institute for Cancer Research|de Borja|Canada
>Spik|hCoV-19/Denmark/DGCC-18822/2020|2020-12-07|EPI_ISL_748578|Original|hCoV-19^^Nordjylland nuclei|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spik|hCoV-19/India/MH-NIV-10380/2020|2020-04-16|EPI_ISL_452192|Original|hCoV-19^^Maharashtra|Human|NIV Influenza Unit|NIV Influenza Unit|Potdar|India
>Spik|hCoV-19/Netherlands/UT-EMC-109/2020|2020-10-08|EPI_ISL_632628|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands
>Spik|hCoV-19/Wales/PHWC-2E206/2020|2020-04-07|EPI_ISL_446072|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Laboratory|Moore|United Kingdom
>Spik|hCoV-19/England/MILK-A6A4A4/2020|2020-10-09|EPI_ISL_627191|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spik|hCoV-19/USA/OR-OHSU-0667/2020|2020-06-17|EPI_ISL_525878|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA
>Spik|hCoV-19/Singapore/701/2020|2020-07-16|EPI_ISL_498599|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
>Spik|hCoV-19/England/NOTT-11193D/2020|2020-05-29|EPI_ISL_461943|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spik|hCoV-19/England/LEED-2A8A37/2020|2020-04-04|EPI_ISL_539050|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Australia/NSW366/2020|2020-04-14|EPI_ISL_451627|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spik|hCoV-19/Wales/PHWC-28CB3/2020|2020-04-02|EPI_ISL_445427|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Laboratory|Moore|United Kingdom
>Spik|hCoV-19/Iceland/520/2020|2020-03-00|EPI_ISL_424541|Original|hCoV-19^^Reykjavik|Human|deCODE Genetics|deCODE Genetics|Jónsson|Iceland
>Spik|hCoV-19/England/PHWC-28CB3/2020|2020-04-02|EPI_ISL_445427|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Laboratory|Moore|United Kingdom
Spike|hCoV-19|USA/VA-DCLS-2028/2020|2020-10-14|EPI_ISL_677173|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA

Spike|hCoV-19|Switzerland/BS-BTHZ-10027/2020|2020-03-10|EPI_ISL_466951|Original|hCoV-19^^Basel-Stadt|Human|Vollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

Spike|hCoV-19|England/QEUEH-9B72EB/2020|2020-09-07|EPI_ISL_590662|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|England/Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|England/Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|England/Shef-CD746/2020|2020-09-15|EPI_ISL_559933|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

Spike|hCoV-19|Australia/VIC13656/2020|2020-08-13|EPI_ISL_563799|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

Spike|hCoV-19|England/QEUEH-A8C9E9/2020|2020-10-16|EPI_ISL_643109|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|USA/TX-HMH-4673/2020|2020-06-19|EPI_ISL_544247|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19|Wales/PHEW-4958E6/2020|2020-11-24|EPI_ISL_726411|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19|Netherlands/NH-RIVM-10396/2020|2020-10-14|EPI_ISL_636571|Original|hCoV-19^NoordHolland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

Spike|hCoV-19|USA/WI-UW-2364/2020|2020-11-14|EPI_ISL_728130|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

Spike|hCoV-19|Australia/VIC16694/2020|2020-08-05|EPI_ISL_640747|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

Spike|hCoV-19|England/MILK-9C7303/2020|2020-09-08|EPI_ISL_573296|Original|hCoV-19^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashston|United Kingdom

Spike|hCoV-19|England/ALDP-AA4D67/2020|2020-10-21|EPI_ISL_630863|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|South Korea/KDCA9368/2020|2020-10-03|EPI_ISL_760152|Original|hCoV-19^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

Spike|hCoV-19|England/ALDP-9D9FA0/2020|2020-09-15|EPI_ISL_576831|Original|hCoV-19^England|Human|University of Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

Spike|hCoV-19|England/ALDP-9ED844/2020|2020-05-05|EPI_ISL_589516|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|USA/TX-HMH-4182/2020|2020-06-18|EPI_ISL_543418|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
> Spike|hCoV-19/England/ALDP-C0645D/2020|2020-12-06|EPI_ISL_709461|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/England/QEUEH-C324C1/2020|2020-12-11|EPI_ISL_782673|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/England/ALDP-B5B320/2020|2020-11-09|EPI_ISL_655489|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/TX-HMH-7252/2020|2020-06-29|EPI_ISL_546627|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19/England/MILK-A055D5/2020|2020-09-30|EPI_ISL_600090|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Belgium/rega-0617691/2020|2020-06-17|EPI_ISL_734765|Original|hCoV-19^Winksele|Human|UZ Leuven|KU Leuven|Maes|Belgium
> Spike|hCoV-19/England/ALDP-6661A5/2020|2020-07-03|EPI_ISL_555686|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/ALDP-6661A5/2020|2020-07-03|EPI_ISL_555686|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/ALDP-6661A5/2020|2020-07-03|EPI_ISL_555686|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/CAMB-21763/2020|2020-11-02|EPI_ISL_647271|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/England/QEUEH-AACFC3/2020|2020-10-21|EPI_ISL_652927|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
> Spike|hCoV-19/England/ALDP-6661A5/2020|2020-07-03|EPI_ISL_555686|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Peru/AMZ-UPCH-0268/2020|2020-08-17|EPI_ISL_729914|Original|hCoV-19^Amazones|Human|Instituto de Medicina Tropical|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru
> Spike|hCoV-19/England/ALDP-7252/2020|2020-08-10|EPI_ISL_616976|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelisen|Denmark
> Spike|hCoV-19/England/ALDP-7252/2020|2020-08-10|EPI_ISL_616976|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelisen|Denmark
> Spike|hCoV-19/England/ALDP-7252/2020|2020-08-10|EPI_ISL_616976|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelisen|Denmark
> Spike|hCoV-19/England/CAMB-75C7B/2020|2020-03-30|EPI_ISL_438301|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
> Spike|hCoV-19/USA/MI-MDHHS-S200095/2020|2020-03-30|EPI_ISL_437182|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
> Spike|hCoV-19/Arizona/HRM-7252/2020|2020-07-24|EPI_ISL_695714|Original|hCoV-19^Arizona|Human|AZ SPHL|TG Green North|French|USA
> Spike|hCoV-19/England/ALDP-C0645D/2020|2020-12-06|EPI_ISL_709461|Original|hCoV-19^Chittagong|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh
> Spike|hCoV-19/USA/TX-HMH-3437/2020|2020-06-13|EPI_ISL_544193|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19/England/NORW-F9091/2020|2020-11-26|EPI_ISL_702941|Original|hCoV-19^England|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/England/LOND-12636C8/2020|2020-10-28|EPI_ISL_679466|Original|hCoV-19|England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-2482/2020|2020-05-28|EPI_ISL_545334|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/ALDP-B1A5CD/2020|2020-11-01|EPI_ISL_647632|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DGCC-17994/2020|2020-12-14|EPI_ISL_749687|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/MD-HP00105/2020|2020-03-17|EPI_ISL_438247|Original|hCoV-19|Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Mehoke|USA
>Spike|hCoV-19/USA/OR-OHSU-0634/2020|2020-06-13|EPI_ISL_525859|Original|hCoV-19|Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Ginkgo Bioworks Clinical Laboratory|O"Roak|USA
>Spike|hCoV-19/USA/WA-S227/2020|2020-03-20|EPI_ISL_430265|Original|hCoV-19|Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
>Spike|hCoV-19/England/ALDP-9E6535/2020|2020-09-25|EPI_ISL_580501|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-BB8E3F/2020|2020-11-20|EPI_ISL_702807|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DGCC-21492/2020|2020-12-21|EPI_ISL_758192|Original|hCoV-19|Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Peru/LIM-INS-018/2020|2020-03-25|EPI_ISL_490975|Original|hCoV-19|Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorio. Instituto Nacional de Salud Peru\u00fa|Laboratorio de Referencia Nacional de Biotecnolog\u00eda Molecular. Instituto Nacional de Salud Peru\u00fa|Padilla Rojas|Peru
>Spike|hCoV-19/England/ALDP-9348B7/2020|2020-06-21|EPI_ISL_552933|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMB-8416B/2020|2020-04-25|EPI_ISL_438742|Original|hCoV-19|England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spike|hCoV-19/Japan/PG-2411/2020|2020-04-00|EPI_ISL_686016|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
>Spike|hCoV-19/England/LIVE-A4D16/2020|2020-03-12|EPI_ISL_500084|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/Scotland/CVR3427/2020|2020-05-07|EPI_ISL_456848|Original|hCoV-19|Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/England/20142002004/2020|2020-03-30|EPI_ISL_423421|Original|hCoV-19|England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/Canada/NS-NML-198/2020|2020-04-24|EPI_ISL_579534|Original|hCoV-19|Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada
>Spike|hCoV-19/Northern Ireland/QEIH-96C5A0/2020|2020-08-15|EPI_ISL_530905|Original|hCoV-19|Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-15315/2020|2020-10-19|EPI_ISL_786799|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/QEUH-9AF44A/2020|2020-08-31|EPI_ISL_559841|Original|hCoV-19\^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

> Spike|hCoV-19/England/PORT-2D76B3/2020|2020-11-08|EPI_ISL_651066|Original|hCoV-19\^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

> Spike|hCoV-19/Denmark/DGCC-1344/2020|2020-04-20|EPI_ISL_618801|Original|hCoV-19\^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albersen lab|Michaelsen|Denmark

> Spike|hCoV-19/Scotland/EDB9507/2020|2020-11-02|EPI_ISL_652065|Original|hCoV-19\^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

> Spike|hCoV-19/USA/LA-EVTL089/2020|2020-05-07|EPI_ISL_451250|Original|hCoV-19\^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

> Spike|hCoV-19/Australia/NT30/2020|2020-00-00|EPI_ISL_430633|Original|hCoV-19\^Northern Territory|Human|Royal Darwin Hospital Pathology|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

> Spike|hCoV-19/England/QEUH-C5BB63/2020|2020-12-14|EPI_ISL_769513|Original|hCoV-19\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/Scotland/QEUH-B1362B/2020|2020-11-03|EPI_ISL_649603|Original|hCoV-19\^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/England/MILK-CA3EAF/2020|2020-12-16|EPI_ISL_762284|Original|hCoV-19\^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/Victoria/Australia/VIC791/2020|2020-03-31|EPI_ISL_427066|Original|hCoV-19\^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

> Spike|hCoV-19/Colombia/HUI-GUV-92061/2020|2020-03-31|EPI_ISL_447759|Original|hCoV-19\^Huila|Human|Instituto Nacional de Salud|Grupo de Investigaciones Microbiol|u00f3|UR (GIMUR)|Ram|u00f3|edrez|Colombia

> Spike|hCoV-19/England/ALDP-A42B691/2020|2020-04-20|EPI_ISL_560768|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/England/ALDP-A714285/2020|2020-04-20|EPI_ISL_590346|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/England/QEUH-C43526/2020|2020-12-11|EPI_ISL_733983|Original|hCoV-19\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/England/QEUH-C43526/2020|2020-12-11|EPI_ISL_733983|Original|hCoV-19\^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/England/QEUH-C55225/2020|2020-04-20|EPI_ISL_507096|Original|hCoV-19\^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

> Spike|hCoV-19/England/CAMB-13358/2020|2020-05-22|EPI_ISL_511970|Original|hCoV-19\^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/India/KA-InStem-NCBS-0036/2020|2020-06-16|EPI_ISL_4477237|Original|hCoV-19\^Karnataka|Human|Institute for Stem Cell Science and Regenerative Medicine|National Centre for Biological Sciences|Ali|India

> Spike|hCoV-19/England/CAMB-7A64B/2020|2020-04-02|EPI_ISL_440618|Original|hCoV-19\^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

> Spike|hCoV-19/England/ALDP-9441F5/2020|2020-06-07|EPI_ISL_554692|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-953849/2020|2020-06-08|EPI_ISL_553751|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/NORRT-295ASB/2020|2020-04-03|EPI_ISL_488598|Original|hCoV-19
>England|Human|NOMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HNH-MCoV-15463/2020|2020-10-24|EPI_ISL_786947|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/AZ-TG664228/2020|2020-04-28|EPI_ISL_696036|Original|hCoV-19
>AZ|Human|Sorbonne University France and Research (ESR)|Wang|New Zealand
>Spike|hCoV-19/USA/CA-QDX-1441/2020|2020-03-18|EPI_ISL_572092|Original|hCoV-19
>USA|Human|California|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/Netherlands/FR-RIVM-20559/2020|2020-12-15|EPI_ISL_790644|Original|hCoV-19
>Netherlands|Human|Francis X. Meijer|RIVM (Medical Microbiology)|Meijer|Netherlands
>Spike|hCoV-19/New Zealand/20VR2005/2020|2020-00-00|EPI_ISL_579200|Original|hCoV-19
>New Zealand|Human|Combined Wellington|Wellington SCL (WN)|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
>Spike|hCoV-19/Spain/AR-IBV-005041/2020|2020-04-20|EPI_ISL_510344|Original|hCoV-19
>Spain|Human|Servicio de Microbiologia|National Public Health Laboratory|Queensland Department of Health and the Environment (RIVM)|Meijer|Netherlands
>Spike|hCoV-19/England/NU/England/OXON-28|2020-04-20|EPI_ISL_443192|Original|hCoV-19
>England|Human|National Public Health Laboratory|National Public Health Laboratory|Queensland Department of Health and the Environment (RIVM)|Meijer|Netherlands
>Spike|hCoV-19/England/Quebec/BC2/2020|2020-11-11|EPI_ISL_662534|Original|hCoV-19
>Canada|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Canada
>Spike|hCoV-19/USA/WA-S1359/2020|2020-05-18|EPI_ISL_495809|Original|hCoV-19
>USA|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spike|hCoV-19/Denmark/DGCC-19626/2020|2020-12-07|EPI_ISL_748252|Original|hCoV-19
>Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/U.S.|OR-OHSU-1273/2020|2020-07-14|EPI_ISL_509176|Original|hCoV-19
>USA|Human|Oregon Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O’Roak|USA
>Spike|hCoV-19/England/QUEU-B6A458/2020|2020-11-11|EPI_ISL_662534|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/AZ-TG305876/2020|2020-04-28|EPI_ISL_694287|Original|hCoV-19
>Arizona|Human|AZ SPHL|TG Gen North|French|USA
>Spike|hCoV-19/Singapore/100/2020|2020-04-20|EPI_ISL_443192|Original|hCoV-19
>Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Queensland Department of Health and the Environment (RIVM)|Meijer|Netherlands
>Spike|hCoV-19/England/QUEU-B7ECC2/2020|2020-11-14|EPI_ISL_661784|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Switzerland/VS-ETHZ-310378/2020|2020-10-08|EPI_ISL_603452|Original|hCoV-19
>England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/England/OXON-AD973/2020|2020-00-00|EPI_ISL_488605|Original|hCoV-19
>England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Japan/IC-0402/2020|2020-12-00|EPI_ISL_736911|Original|hCoV-19
>Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19|Poland|77209/2020|2020-11-00|EPI_ISL_732900|Original|hCoV-19^^Poland|Human|genXone SA|genXone SA|Kaszuba|Poland
>Spike|hCoV-19|England/MILK-93AD5/2020|2020-09-09|EPI_ISL_566825|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/NY-NYCPHL-000800/2020|2020-03-24|EPI_ISL_632180|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA
>Spike|hCoV-19|India/MH-NIV-29909/2020|2020-05-14|EPI_ISL_479532|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India
>Spike|hCoV-19|USA/NY-PV09460/2020|2020-03-19|EPI_ISL_450133|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA
>Spike|hCoV-19|USA/II-NM-0332/2020|2020-03-26|EPI_ISL_626380|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA
>Spike|hCoV-19|England/OXON-B16DF/2020|2020-04-17|EPI_ISL_479037|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19|USA/WI-GMF-32640/2020|2020-11-09|EPI_ISL_661161|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA
>Spike|hCoV-19|Denmark/DCGC-1157/2020|2020-03-16|EPI_ISL_614651|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsens lab|Michaelsen|Denmark
>Spike|hCoV-19|USA/CA-ALSRL-1077-SAN/2020|2020-06-22|EPI_ISL_483504|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19|England/ALDP-A84CCA/2020|2020-10-16|EPI_ISL_610345|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/MILK-4BB470/2020|2020-06-04|EPI_ISL_559194|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Australia/NT42/2020|2020-00-00|EPI_ISL_456498|Original|hCoV-19^^Northern Territory|Human|Royal Darwin Hospital Pathology|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia
>Spike|hCoV-19|England/MILK-ABBDC7/2020|2020-10-21|EPI_ISL_631183|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/MILK-8676/2020|2020-10-26|EPI_ISL_625989|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsens lab|Michaelsen|Denmark
>Spike|hCoV-19|Wales/PHWC-49C032/2020|2020-12-07|EPI_ISL_742497|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19|USA/WI-GMF-05510/2020|2020-06-07|EPI_ISL_471146|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA
>Spike|hCoV-19|USA/AZ-TG337592/2020|2020-05-27|EPI_ISL_694034|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA
>Spike|hCoV-19|USA/UT-UPHLM-2009539/2020|2020-07-18|EPI_ISL_605219|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH937/2020|2020-05-26|EPI ISL 513201|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia
>Spke|hCoV-19/Netherlands/PHLC-20483/2020|2020-12-08|EPI ISL 728698|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spke|hCoV-19/England/ECMB-1ADC00/2020|2020-05-05|EPI ISL 448048|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spke|hCoV-19/USA/UT-UPHL-201032430/2020|2020-05-29|EPI ISL 594020|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spke|hCoV-19/Japan/PG-6239/2020|2020-08-00|EPI ISL 689351|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spke|hCoV-19/USA/WI-UW-176/2020|2020-03-20|EPI ISL 428272|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA
>Spke|hCoV-19/England/ALDP-9CE0D8/2020|2020-09-16|EPI ISL 566287|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/England/ALDP-9D7889/2020|2020-09-18|EPI ISL 576593|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
>Spke|hCoV-19/Wales/PHWC-48F445/2020|2020-11-10|EPI ISL 681093|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spke|hCoV-19/Japan/PG-3635/2020|2020-04-00|EPI ISL 691888|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spke|hCoV-19/Northern Ireland/NIRE-1090BB/2020|2020-10-20|EPI ISL 652312|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
>Spke|hCoV-19/Wales/PHWC-30799/2020|2020-04-08|EPI ISL 446277|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spke|hCoV-19/New Zealand/20VR2556/2020|2020-04-15|EPI ISL 456386|Original|hCoV-19^^Counties Manukau|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand
>Spke|hCoV-19/England/MILK-956758/2020|2020-06-06|EPI ISL 554300|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/USA/MA-MGH-02838/2020|2020-10-20|EPI ISL 765657|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA
>Spke|hCoV-19/Denmark/DGC-7848/2020|2020-10-19|EPI ISL 618799|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaellsen|Denmark
>Spke|hCoV-19/USA/TX-HMH-MCoV-13685/2020|2020-08-20|EPI ISL 788782|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spke|hCoV-19/USA/VA-DCLS-2055/2020|2020-10-28|EPI ISL 677225|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA
>Spke|hCoV-19/Wales/PHWC-484E24/2020|2020-10-22|EPI ISL 628117|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spke|hCoV-19/Italy/APU-TZSPB-178PT/2020|2020-08-28|EPI ISL 722859|Original|hCoV-19^^Apulia|Human|I.R.C.C.S. \`S. De Bellis\` - Ente Ospedaliero|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy
>Spike|hCoV-19|Denmark/DCGC-9378/2020|2020-11-16|EPI_ISL_668940|Original|hCoV-19^^North Cumbria Integrated Care NHS Foundation Trust|North Tees and Hartlepool NHS
>Spike|hCoV-19|USA/UT-03432/2020|2020-04-20|EPI_ISL_498661|Original|hCoV-19^^England|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19|Wales/PHWC-28573/2020|2020-10-09|EPI_ISL_620922|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19|USA/TX-HMHI-0148/2020|2020-03-22|EPI_ISL_434847|Original|hCoV-19^^Germany|Human|Northumbria University|South Tees Hospitals NHS Foundation Trust
>Spike|hCoV-19|Texas/Houston Methodist Hospital/Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|England/MILK-C5016C/2020|2020-12-11|EPI_ISL_769799|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/MA-MASPHL-00360/2020|2020-05-20|EPI_ISL_693173|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA
>Spike|hCoV-19|Japan/PG-3722/2020|2020-04-00|EPI_ISL_691975|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
>Spike|hCoV-19|USA/NY-PV09063/2020|2020-03-20|EPI_ISL_421614|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA
>Spike|hCoV-19|England/NORW-EFE00D/2020|2020-10-09|EPI_ISL_595161|Original|hCoV-19^^England|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19|Thailand/SI200615-NT/2020|2020-01-29|EPI_ISL_437618|unknown|hCoV-19^^Thailand|Human|unknown|Faculty of Medicine|Submitter|Thailand
>Spike|hCoV-19|Singapore/339/2020|2020-04-17|EPI_ISL_469093|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
>Spike|hCoV-19|India/MH-BJMC-9070/2020|2020-06-04|EPI_ISL_728260|Original|hCoV-19^^Maharashtra|Human|B.J. Govt. Medical College|National Centre For Cell Science|Paul|India
>Spike|hCoV-19|United Arab Emirates/0328/2020|2020-05-18|EPI_ISL_698504|Original|hCoV-19^^Dubai|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
>Spike|hCoV-19|USA/MI-MDHHS-SC22632/2020|2020-12-02|EPI_ISL_737112|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19|England/CAMC-A6636F/2020|2020-10-11|EPI_ISL_627189|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spike|hCoV-19|England/SHEF-C3625/2020|2020-05-14|EPI_ISL_484443|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19|USA/TX-HMHI-MCoV-18595/2020|2020-11-19|EPI_ISL_784943|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|Japan/PG-8274/2020|2020-08-00|EPI_ISL_687373|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
>Spike|hCoV-19|South Africa/KRISP-0543/2020|2020-07-12|EPI_ISL_498084|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|P. Oliveira|South Africa
>Spike|hCoV-19|Scotland/CVR27/2020|2020-03-12|EPI_ISL_425756|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19|England/NORT-284CA4/2020|2020-03-26|EPI_ISL_478588|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS
>Spike|hCoV-19|Denmark|DCGC-16484/2020|2020-11-16|EPI_ISL_714795|Original|hCoV-19^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

> Spike|hCoV-19|Wales|PHWC-47F615/2020|2020-10-11|EPI_ISL_612702|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19|USA/NY-QDX-860/2020|2020-03-17|EPI_ISL_571667|Original|hCoV-19^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

> Spike|hCoV-19|Scotland|QEUH-C54371/2020|2020-12-12|EPI_ISL_757060|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19|Canada/NS-NML-1255/2020|2020-04-06|EPI_ISL_579645|Original|hCoV-19^Nova Scotia|Human|QEI Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

> Spike|hCoV-19|Australia/VIC11668/2020|2020-07-23|EPI_ISL_591832|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

> Spike|hCoV-19|USA/OR-CDC-2-3693497/2020|2020-11-16|EPI_ISL_747191|Original|hCoV-19^Oregon|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Schultz|Australia

> Spike|hCoV-19|Netherlands/NH-RIVM-10394/2020|2020-10-14|EPI_ISL_636569|Original|hCoV-19^NoordHolland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

> Spike|hCoV-19|Chile/RM-ISPCH-42/2020|2020-03-17|EPI_ISL_445321|Original|hCoV-19^Region Metropolitana de Santiago|Human|HOSPITAL FELIX BULNES|Instituto de Salud Publica de Chile|Fernandez|Chile

> Spike|hCoV-19|England/QEUH-9CE5AC/2020|2020-09-17|EPI_ISL_590037|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|England/MILK-9C3B69/2020|2020-09-09|EPI_ISL_566784|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|USA/NY-NYUMC824/2020|2020-03-25|EPI_ISL_456060|Original|hCoV-19^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

> Spike|hCoV-19|England/BRIS-1297B0/2020|2020-04-01|EPI_ISL_458855|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|Wales/PHWC-4892D8/2020|2020-10-29|EPI_ISL_639559|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19|England/LOND-126408D/2020|2020-11-15|EPI_ISL_679519|Original|hCoV-19^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

> Spike|hCoV-19|Australia/VIC7803/2020|2020-08-09|EPI_ISL_564668|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

> Spike|hCoV-19|Brazil/SP-739/2020|2020-07-09|EPI_ISL_735400|Original|hCoV-19^S\u00e3o Paulo|Human|Instituto Adolfo Lutz - Regional de Santos|Instituto Adolfo Lutz|Sacchi|Brazil

> Spike|hCoV-19|Japan/PG-4513/2020|2020-07-00|EPI_ISL_689652|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

> Spike|hCoV-19|USA/IL-MM088/2020|2020-03-19|EPI_ISL_444578|Original|hCoV-19^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

> Spike|hCoV-19|Estonia/ChVir1984/2020|2020-03-00|EPI_ISL_450498|Original|hCoV-19^Estonia|Human|Health Board Laboratory of Communicable Diseases|Charite Universitatsmedizin Berlin|Muehlemann|Estonia

> Spike|hCoV-19|USA/TX-HMH-MCoV-13130/2020|2020-08-26|EPI_ISL_788281|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/205260470/2020|2020-12-18|EPI_ISL_754383|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Brazil/RJ-00505/2020|2020-07-27|EPI_ISL_717899|Original|hCoV-19^^Rio de Janeiro|Human|LACEN RJ - Noel Nutels|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/Wales/PHWC-164D99/2020|2020-05-25|EPI_ISL_479379|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORW-F6EE5/2020|2020-12-07|EPI_ISL_725314|Original|hCoV-19^^England|Human|Quendam Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhani|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0739/2020|2020-04-23|EPI_ISL_568954|Original|hCoV-19^^Provence-Alpes-C^u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Sweden/20-08869/2020|2020-04-09|EPI_ISL_476147|Original|hCoV-19^^Jamtland Harjedalen|Human|Ostersund klinik mikrobiologi|The Public Health Agency of Sweden/Svartstru00f6fem|Sweden

>Spike|hCoV-19/England/OXON-B0E8D/2020|2020-04-22|EPI_ISL_478972|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4915B/2020|2020-10-28|EPI_ISL_706666|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC6753/2020|2020-07-26|EPI_ISL_564030|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-2590/2020|2020-06-05|EPI_ISL_545413|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-48D74E/2020|2020-11-11|EPI_ISL_680671|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Bangladesh/GRMDRC-9/2020|2020-12-15|EPI_ISL_775218|Original|hCoV-19^^Dhaka|Human|Gonoshasthya-RNA Molecular Research Center|Gonoshasthya-RNA Molecular Research Center|Adnan|Bangladesh

>Spike|hCoV-19/England/ALDP-A50A81/2020|2020-10-07|EPI_ISL_597821|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCOV-18833/2020|2020-11-24|EPI_ISL_785153|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-1AAE67/2020|2020-04-20|EPI_ISL_444320|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Hong Kong/HKPU-4789/2020|2020-08-30|EPI_ISL_610205|Original|hCoV-19^^Hong Kong|Human|Department of Health Technology and Informatics|Department of Health Technology and Informatics|Leung|China

>Spike|hCoV-19/Germany/BE-ChVir-D1935-5099/2020|2020-10-10|EPI_ISL_753875|Original|hCoV-19^^Berlin|Human|Charité\u00e9
Universit\u00e9\u00e9tsmedizin Berlin|Charité\u00e9\u00e9tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/USA/MA-6501/2020|2020-04-03|EPI_ISL_437851|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/MA-MASPHL-00220/2020|2020-04-08|EPI_ISL_791655|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA
>Spike|hCoV-19/Japan/PG-7699/2020|2020-08-00|EPI_ISL_686801|Original|hCoV-19|^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/MILK-A79DB6/2020|2020-10-15|EPI_ISL_606881|Original|hCoV-19|^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/LIVE-A6549/2020|2020-03-18|EPI_ISL_499719|Original|hCoV-19|^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-18120/2020|2020-11-15|EPI_ISL_784468|Original|hCoV-19|^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/JP-7429/2020|2020-07-00|EPI_ISL_688531|Original|hCoV-19|^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Guatemala/CDC-1235/2020|2020-03-20|EPI_ISL_509702|Original|hCoV-19|^Guatemala|Human|Guatemala Ministry of Public Health|Pathogen Discovery|Queen|Guatemala
>Spike|hCoV-19/Portugal/PT1726/2020|2020-08-23|EPI_ISL_693652|Original|hCoV-19|^Portugal|Human|Hospital Vila Franca de Xira|Instituto Nacional de Saude (INSA)|Borges|Portugal
>Spike|hCoV-19/USA/UT-QDX-2202/2020|2020-03-13|EPI_ISL_604582|Original|hCoV-19|^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/USA/NE-11520/2020|2020-05-05|EPI_ISL_475226|Original|hCoV-19|^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA
>Spike|hCoV-19/England/QEUH-9F582B/2020|2020-09-25|EPI_ISL_588368|Original|hCoV-19|^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/AK-PHL1699/2020|2020-07-20|EPI_ISL_528497|Original|hCoV-19|^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Drown|USA
>Spike|hCoV-19/USA/WA-S2538/2020|2020-06-17|EPI_ISL_497170|Original|hCoV-19|^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spike|hCoV-19/England/QEUH-B2CE72/2020|2020-11-04|EPI_ISL_659900|Original|hCoV-19|^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/LA-EVTL1183/2020|2020-12-11|EPI_ISL_768452|Original|hCoV-19|^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spike|hCoV-19/England/QEUH-AD5D12/2020|2020-10-24|EPI_ISL_633914|Original|hCoV-19|^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/SHEF-CB502/2020|2020-04-21|EPI_ISL_453744|Original|hCoV-19|^England|Human/Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/England/CAMC-949390/2020|2020-07-23|EPI_ISL_556563|Original|hCoV-19|^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-9DE415/2020|2020-09-21|EPI_ISL_599720|Original|hCoV-19|^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Brazil/SP-352/2020|2020-06-22|EPI_ISL_693204|Original|hCoV-19|^Brazil|Human|Pronto Socorro Dr. Conrado Cesarino Nuvolini|Instituto Adolfo Lutz|Sacchi|Brazil
>Spike|hCoV-19/England/MILK-B3C695/2020|2020-11-01|EPI_ISL_706152|Original|hCoV-19|^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/England/PORT-2D21C6/2020|2020-03-22|EPI_ISL_613284|Original|hCoV-19|^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike|hCoV-19|Denmark/DCGC-14981/2020|2020-11-23|EPI_ISL_713215|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spke|hCoV-19|USA/NY-Wadsworth-290327-01/2020|2020-12-21|EPI_ISL_765526|Original|hCoV-19^^New York|Human|SARATOGA HOSPITAL LABORATORY|Wadsworth Center|Lasek-Nesselquist|USA
>Spke|hCoV-19|Denmark/DCGC-6050/2020|2020-10-05|EPI_ISL_620244|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spke|hCoV-19|England/LOND-124F2DD/2020|2020-04-20|EPI_ISL_665149|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom
>Spke|hCoV-19|Netherlands/ZH-EMC-523/2020|2020-09-01|EPI_ISL_577951|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spke|hCoV-19|England/CAMB-75E93/2020|2020-03-29|EPI_ISL_438312|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spke|hCoV-19|Japan/PG-8900/2020|2020-08-00|EPI_ISL_686446|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spke|hCoV-19|Australia/VIC2778/2020|2020-07-06|EPI_ISL_521612|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultzz|Australia
>Spke|hCoV-19|India/MH-GA17/2020|2020-06-17|EPI_ISL_508213|Original|hCoV-19^^Maharashtra|Human|Government Medical College|National Institute of Biomedical Genomics|Maitra|India
>Spke|hCoV-19|England/201081129/2020|2020-03-05|EPI_ISL_464475|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spke|hCoV-19|Japan/PG-4421/2020|2020-08-00|EPI_ISL_692646|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spke|hCoV-19|Denmark/DCGC-16850/2020|2020-12-14|EPI_ISL_750600|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spke|hCoV-19|England/ALDP-A2D64D/2020|2020-10-05|EPI_ISL_586649|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19|Wales/PHWC-2A316/2020|2020-04-06|EPI_ISL_445553|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spke|hCoV-19|England/ALDP-BC77E7/2020|2020-11-22|EPI_ISL_721392|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19|Scotland/EDB192/2020|2020-03-25|EPI_ISL_425935|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spke|hCoV-19|England/MILK-9D4BA1/2020|2020-09-19|EPI_ISL_601734|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19|England/ALDP-B1A949/2020|2020-11-01|EPI_ISL_647689|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19|Scotland/QEUH-9BA44C/2020|2020-09-09|EPI_ISL_573813|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVIV-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spke|hCoV-19|England/QEUH-C53F23/2020|2020-12-11|EPI_ISL_736271|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19|USA/FL-BPHEL-0231/2020|2020-04-22|EPI_ISL_480882|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/USA/MI-UM-10036818192/2020|2020-11-06|EPI_ISL_728390|Original|hCoV-19|Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/ALDP-AA0712/2020|2020-10-22|EPI_ISL_623982|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FF7E1/2020|2020-04-23|EPI_ISL_469889|Original|hCoV-19|Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1186/2020|2020-04-29|EPI_ISL_454631|Original|hCoV-19|California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/England/QEUH-B303B8/2020|2020-11-04|EPI_ISL_659934|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9EC80/2020|2020-11-18|EPI_ISL_719711|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC7889/2020|2020-08-17|EPI_ISL_564730|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUH-B9EC80/2020|2020-11-18|EPI_ISL_719711|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC12772/2020|2020-07-28|EPI_ISL_563591|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-13915/2020|2020-08-16|EPI_ISL_787207|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/UT-02135/2020|2020-04-14|EPI_ISL_470707|Original|hCoV-19|Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-A2F784/2020|2020-10-05|EPI_ISL_587282|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B13E23/2020|2020-11-02|EPI_ISL_641755|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Greece/49_36716/2020|2020-03-27|EPI_ISL_437909|Original|hCoV-19^-Athens|Human|Laboratory of Microbiology|Laboratory of Biology|Karakasiliotis|Greece

Spike|hCoV-19/Switzerland/BS-UHB-42185864/2020|2020-03-11|EPI_ISL_527992|Original|hCoV-19^-Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

Spike|hCoV-19/England/QEUH-9B900D/2020|2020-09-03|EPI ISL 549698|Original|hCoV-19^-England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/ALDP-CB6780/2020|2020-12-15|EPI_ISL_761140|Original|hCoV-19^-England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/USA/TX-HMH-4615/2020|2020-06-21|EPI_ISL_543756|Original|hCoV-19^-Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19/Spain/RI-IBV-001410/2020|2020-03-20|EPI_ISL_452491|Original|hCoV-19^-La Rioja|Human|Cl\u00ednica Universidad de Navarra. Servicio de Enfermedades Infecciosas y Microbiologiau00eda Cl\u00ednica|SeqCOVID-SPAIN consortium/IVB(CSIC)|Comas|Spain

Spike|hCoV-19/England/QEUH-9D0AF3/2020|2020-09-16|EPI ISL 589957|Original|hCoV-19^-England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/USA/UT-04004/2020|2020-05-11|EPI_ISL_483019|Original|hCoV-19^-Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

Spike|hCoV-19/England/ENG-MILK-B50507/2020|2020-10-20|EPI ISL_649192|Original|hCoV-19^-England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/USA/TX-DSHS-0591/2020|2020-06-03|EPI ISL_569702|Original|hCoV-19^-Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

Spike|hCoV-19/Switzerland/VS-ETHZ-100335/2020|2020-03-19|EPI ISL_574973|Original|hCoV-19^-Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

Spike|hCoV-19/Australia/SAP203/2020|2020-03-30|EPI ISL_468031|Original|hCoV-19^-South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

Spike|hCoV-19/Australia/VIC5376/2020|2020-07-18|EPI ISL_520139|Original|hCoV-19^-Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

Spike|hCoV-19/Australia/VIC587/2020|2020-03-25|EPI ISL_426844|Original|hCoV-19^-Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

Spike|hCoV-19/USA/NY-MSK-16B/2020|2020-06-04|EPI ISL_583476|Original|hCoV-19^-New York|Human|Memorial Sloan Kettering Cancer Center|van Bakel Laboratory|van Bakel|USA

Spike|hCoV-19/England/NORW-EEA19/2020|2020-00-00|EPI ISL_529247|Original|hCoV-19^-England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) consortium/Alikhan|United Kingdom

Spike|hCoV-19/USA/MI-MDHS-SC20474/2020|2020-03-31|EPI ISL_460013|Original|hCoV-19^-Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

Spike|hCoV-19/Wales/PHWC-164CAB/2020|2020-05-19|EPI ISL_479367|Original|hCoV-19^-Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium/Moore|United Kingdom

Spike|hCoV-19/Japan/PG-2589/2020|2020-04-00|EPI ISL_690723|Original|hCoV-19^-Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

Spike|hCoV-19/Netherlands/LI-RIVM-20565/2020|2020-12-11|EPI ISL_790649|Original|hCoV-19^-Limburg|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spike|hCoV-19/USA/TX-HMH-6525/2020|2020-06-27|EPI_ISL_546058|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/WA-S1010/2020|2020-04-29|EPI_ISL_463500|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
>Spike|hCoV-19/Australia/NSW936/2020|2020-08-31|EPI_ISL_547601|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spike|hCoV-19/USA/OR-OHSU-0967/2020|2020-07-04|EPI_ISL_525938|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA
>Spike|hCoV-19/England/QEUH-BCB666/2020|2020-11-27|EPI_ISL_704474|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-9591D/2020|2020-08-06|EPI_ISL_532382|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Belgium/VPMV-0325153/2020|2020-03-25|EPI_ISL_420410|Original|hCoV-19^^Huldenberg|Human|KU Leuven|KU Leuven|Maes|Belgium
>Spike|hCoV-19/USA/OR-OHSU-2868/2020|2020-09-03|EPI_ISL_667371|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA
>Spike|hCoV-19/Scotland/CVR4893/2020|2020-10-03|EPI_ISL_594660|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/England/SHEF-C7D0E/2020|2020-09-07|EPI_ISL_540740|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/England/OXON-AD9DD/2020|2020-09-00|EPI_ISL_448608|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Spain/AN-IBV-006113/2020|2020-07-17|EPI_ISL_510442|Original|hCoV-19^^Andalucia|Human|Hospital Universitario Virgen de las Nieves de Granada-SAS|SeqCOVID-SPAIN consortium|IBV|Comas|Spain
>Spike|hCoV-19/USA/LA-EVTLY599/2020|2020-06-30|EPI_ISL_579003|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spike|hCoV-19/USA/CA-IGI-0386/2020|2020-07-14|EPI_ISL_574879|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA
>Spike|hCoV-19/USA/TX-HMH-6124/2020|2020-06-28|EPI_ISL_547257|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/LIVE-DC4593/2020|2020-11-14|EPI_ISL_704022|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/England/QEUH-BC4119/2020|2020-11-24|EPI_ISL_703283|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|England/QEUH-AD2C18/2020|2020-10-26|EPI_ISL_634123|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Denmark/DGCC-6309/2020|2020-08-31|EPI_ISL_615500|Original|hCoV-19
^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
Spike|hCoV-19|USA/MI-GMF-27154/2020|2020-10-22|EPI_ISL_660969|Original|hCoV-19
^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA/CA-CZB-13477/2020|2020-10-22|EPI_ISL_780656|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|Costa Rica/INC-0169/2020|2020-10-27|EPI_ISL_770018|Original|hCoV-19
^San Jose|Human|Laboratorio Cenahce|Incienca|Soto-Garita|Costa Rica
Spike|hCoV-19|USA/TX-HMH-5218/2020|2020-06-26|EPI_ISL_544602|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|Australia/NSW2971/2020|2020-10-11|EPI_ISL_707898|Original|hCoV-19
^New South Wales|Human|Area of Virology|Virology Research Laboratory; Area of Virology|Tozer|Australia
Spike|hCoV-19|Wales/PHWC-16FP499/2020|2020-10-03|EPI_ISL_585971|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing Lab|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|England/BRIS-12524A/2020|2020-03-26|EPI_ISL_443926|Original|hCoV-19
^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
Spike|hCoV-19|England/CAMB-18B1E5/2020|2020-10-22|EPI_ISL_637696|Original|hCoV-19
^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
Spike|hCoV-19|USA/CA-CZB-13477/2020|2020-10-22|EPI_ISL_672526|Original|hCoV-19
^California|Human|Madera County Department of Public Health|Chan-Zuckerberg Biohub|Bhatt|USA
Spike|hCoV-19|England/ALDP-9FC842/2020|2020-10-01|EPI_ISL_587820|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Hong Kong/HKU-IHCE0511-011a/2020|2020-03-14|EPI_ISL_538547|Original|hCoV-19
^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China
Spike|hCoV-19|Poland/PL_MCB_110/2020|2020-06-06|EPI_ISL_645109|Original|hCoV-19
^Poland|Human|Human Genome Variation Research Group|Human Genome Variation Research Group|Poland
Spike|hCoV-19|Netherlands/NB-EMC-198/2020|2020-00-00|EPI_ISL_523321|Original|hCoV-19
^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands
Spike|hCoV-19|Scotland/EDB3501/2020|2020-04-13|EPI_ISL_439274|Original|hCoV-19
^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
Spike|hCoV-19|England/ALDP-9CB3D2/2020|2020-09-17|EPI_ISL_575588|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Scotland/QEUH-9CE3EE/2020|2020-09-16|EPI_ISL_602008|Original|hCoV-19
^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA/TX-DSHS-0879/2020|2020-06-16|EPI_ISL_610015|Original|hCoV-19
^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
Spike|hCoV-19|Ireland/D-NVRL-751RL88687/2020|2020-10-13|EPI_ISL_671899|Original|hCoV-19
^Dublin|Human|National Virology Reference Laboratory|National Virology Reference Laboratory|Gonzalez|Ireland
Spike|hCoV-19|Scotland/EDB10044/2020|2020-11-19|EPI_ISL_680461|Original|hCoV-19
^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
Federation|Komissarov|Russia
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>California|Human|Contra Costa Public Health Lab|Chan-Zuckerberg Biohub|McGeever|USA

>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan

>England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) consortium|Haldenby|United Kingdom

>Belgium|ULG-10947|2020-09-05|EPI_ISL_707715|Original|hCoV-19^\^Belgium|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Saint Petersburg|Human|HELIX LCC|WHO National Influenza Centre Russian Federation|Komissarov|Russia
| Date       | Location                  | Lab Name                                    | Original ID | Genomic Consortium                              | Originating lab      | Disease Program |
|------------|---------------------------|---------------------------------------------|-------------|------------------------------------------------|----------------------|-----------------|
| 2020-04-24 | Massachusetts, USA        | Biohub                                      | EPI_ISL_474461 | hCoV-19/USA/MA-MASSPHL-2020-04-24              | Massachusetts        | USA             |
| 2020-07-24 | Florida, USA              | Florida Bureau of Public Health Laboratories | EPI_ISL_666816 | hCoV-19/Florida/USA-FL-BPHL-2020-07-24         | Florida Bureau       | USA             |
| 2020-12-21 | Maryland, USA             | Johns Hopkins Hospital Department of Pathology | EPI_ISL_791479 | hCoV-19/Maryland/USA-MD-HP12179-2020-12-21     | Johns Hopkins Hospital | USA             |
| 2020-03-27 | Wales, UK                 | Biohub                                      | EPI_ISL_422128 | hCoV-19/Wales/PHWC-266A8-2020-03-27           | Wales                | UK              |
| 2020-05-13 | Utah, USA                 | Utah Public Health Laboratory | EPI_ISL_628989 | hCoV-19/Utah/USA-UT-UPHL-201101347-2020-05-13 | Utah Public Health   | USA             |
| 2020-11-30 | England, UK               | Lighthouse Lab in Glasgow                   | EPI_ISL_726981 | hCoV-19/England/NE-11564-2020-11-30           | England              | UK              |
| 2020-06-13 | England, UK               | Lighthouse Lab in Ageford                   | EPI_ISL_570948 | hCoV-19/England/WA-UK-13080-2020-06-13        | England              | UK              |
| 2020-03-25 | England, UK               | PHE South West Regional Laboratory          | EPI_ISL_443919 | hCoV-19/England/BRIS-124BF5-2020-03-25        | PHE South West       | UK              |
| 2020-04-19 | England, UK               | England/HP12179                            | EPI_ISL_528434 | hCoV-19/England/20179044904-2020-04-19        | England              | UK              |
| 2020-04-20 | England, UK               | Respiratory Virus Unit                       | EPI_ISL_471791 | hCoV-19/England/USA/MI-MDHBHS-SC20770-2020-04-20 | Respiratory Virus    | UK              |
| 2020-09-23 | England, UK               | Nebraska Public Health Laboratory           | EPI_ISL_573717 | hCoV-19/England/SHEF-C8DA3-2020-09-23         | Nebraska Public      | UK              |
| 2020-08-24 | England, UK               | Lighthouse Lab in Milton Keynes             | EPI_ISL_683653 | hCoV-19/England/ALDP-8FICBB-2020-08-24        | Lighthouse Lab       | UK              |
| 2020-11-17 | England, UK               | Respiratory Virus Unit                       | EPI_ISL_720276 | hCoV-19/England/MI-LKBB-1883-2020-11-17       | Respiratory Virus    | UK              |
| 2020-10-31 | England, UK               | Lighthouse Lab in Milton Keynes             | EPI_ISL_679839 | hCoV-19/England/MI-LKBB-3DFE4-2020-10-31      | Lighthouse Lab       | UK              |
| 2020-06-23 | England, UK               | Lighthouse Lab in Alderley Park             | EPI_ISL_556620 | hCoV-19/England/WA-UK-13080-2020-06-23        | Lighthouse Lab       | UK              |
| 2020-04-25 | England, UK               | Wellcome Sanger Institute                   | EPI_ISL_528434 | hCoV-19/England/20179044904-2020-04-25        | Wellcome Sanger      | UK              |
| 2020-05-15 | England, UK               | English/AC7C5                               | EPI_ISL_530908 | hCoV-19/England/ENG-AC7C5-2020-05-15          | English              | UK              |
| 2020-11-17 | England, UK               | Respiratory Virus Unit                       | EPI_ISL_720276 | hCoV-19/England/MI-LKBB-1883-2020-11-17       | Respiratory Virus    | UK              |
| 2020-05-05 | England, UK               | Lighthouse Lab in Glasgow                   | EPI_ISL_467298 | hCoV-19/England/NE-11564-2020-05-05           | Lighthouse Lab       | UK              |
| 2020-06-13 | England, UK               | Lighthouse Lab in Ageford                   | EPI_ISL_570948 | hCoV-19/England/WA-UK-13080-2020-06-13        | Lighthouse Lab       | UK              |
| 2020-03-25 | England, UK               | PHE South West Regional Laboratory          | EPI_ISL_443919 | hCoV-19/England/BRIS-124BF5-2020-03-25        | PHE South West       | UK              |
| 2020-05-29 | England, UK               | Wellcome Sanger Institute                   | EPI_ISL_528434 | hCoV-19/England/20179044904-2020-05-29        | Wellcome Sanger      | UK              |
| 2020-04-21 | England, UK               | PHE South West Regional Laboratory          | EPI_ISL_422128 | hCoV-19/England/MI-LKBB-3DFE4-2020-04-21      | PHE South West       | UK              |
| 2020-05-03 | England, UK               | Lighthouse Lab in Milton Keynes             | EPI_ISL_672341 | hCoV-19/England/MI-LKBB-1883-2020-05-03       | Lighthouse Lab       | UK              |
| 2020-05-07 | England, UK               | PHE South West Regional Laboratory          | EPI_ISL_528434 | hCoV-19/England/20179044904-2020-05-07        | PHE South West       | UK              |
| 2020-05-03 | England, UK               | Lighthouse Lab in Milton Keynes             | EPI_ISL_672341 | hCoV-19/England/MI-LKBB-1883-2020-05-03       | Lighthouse Lab       | UK              |
| 2020-04-21 | England, UK               | PHE South West Regional Laboratory          | EPI_ISL_422128 | hCoV-19/England/MI-LKBB-3DFE4-2020-04-21      | PHE South West       | UK              |
| 2020-05-03 | England, UK               | Lighthouse Lab in Milton Keynes             | EPI_ISL_672341 | hCoV-19/England/MI-LKBB-1883-2020-05-03       | Lighthouse Lab       | UK              |
| 2020-11-17 | England, UK               | Respiratory Virus Unit                       | EPI_ISL_720276 | hCoV-19/England/MI-LKBB-1883-2020-11-17       | Respiratory Virus    | UK              |

**Notes:**
- **hCoV-19** refers to the SARS-CoV-2 virus.
- **COVID-19** indicates the disease caused by this virus.
- **Original** indicates the lab where the virus was first isolated.
- **Genomic Consortium** indicates the research consortium involved in the genome sequencing.
- **Originating lab** indicates the lab that originated the virus sample.
- **Infectious Disease Program** indicates the program responsible for disease control.

**Abbreviations:**
- **USA**: United States of America
- **UK**: United Kingdom
>Spike|hCoV-19/Russia/StPetersburg-RII10223S/2020|2020-00-00|EPI_ISL_507228|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spik|hCoV-19/Wales/PHWC-4A46CC/2020|2020-12-16|EPI_ISL_764722|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spik|hCoV-19/Australia/VIC12014/2020|2020-07-26|EPI_ISL_563506|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spik|hCoV-19/England/ALDP-C3DBD0/2020|2020-12-10|EPI_ISL_730682|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spik|hCoV-19/USA/OR-OHSU-1121/2020|2020-07-10|EPI_ISL_509144|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O’Roak|USA

>Spik|hCoV-19/England/NOTT-11B70/2020|2020-11-13|EPI_ISL_652388|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spik|hCoV-19/USA/UT-UPHL-2012662012/2020|2020-10-13|EPI_ISL_746302|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spik|hCoV-19/England/MILK-63F846/2020|2020-07-04|EPI_ISL_556276|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19/USA/TX-HMH-MCoV-15793/2020|2020-07-10|EPI_ISL_785477|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spik|hCoV-19/Ireland/WW-NVRL-MPH44355/2020|2020-04-25|EPI_ISL_671342|Original|hCoV-19^^Ireland|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spik|hCoV-19/USA/CA-ALSR-1675/2020|2020-03-24|EPI_ISL_494735|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spik|hCoV-19/Japan/PG-1031/2020|2020-04-00|EPI_ISL_684641|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Seikizuka|Japan

>Spik|hCoV-19/Scotland/CVR247/2020|2020-03-19|EPI_ISL_438913|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spik|hCoV-19/Wales/PHWC-49917E/2020|2020-12-02|EPI_ISL_727264|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spik|hCoV-19/Wales/PHWC-49139E/2020|2020-11-18|EPI_ISL_706647|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spik|hCoV-19/Wales/ALDP-C3C306/2020|2020-12-10|EPI_ISL_767224|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spik|hCoV-19/Wales/PHWC-1657A9/2020|2020-06-15|EPI_ISL_490724|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spik|hCoV-19/England/MILK-AC83BE/2020|2020-10-21|EPI_ISL_629434|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Denmark|DCGC-21831/2020|2020-12-21|EPI_ISL_758391|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19|Denmark|DCGC-19984/2020|2020-12-07|EPI_ISL_747909|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19|Wales|MIJK-9F2A82/2020|2020-09-25|EPI_ISL_589179|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Denmark|DCGC-3569/2020|2020-08-31|EPI_ISL_616364|Original|hCoV-19^^Wales|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19|USA/VA-DCLS-0392/2020|2020-04-19|EPI_ISL_467788|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spike|hCoV-19|England|QEH-B4050A/2020|2020-11-08|EPI_ISL_657183|Original|hCoV-19^*England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England|NOTT-10E9E8/2020|2020-03-29|EPI_ISL_425624|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19|Wales|PHWC-16AA7E/2020|2020-09-11|EPI_ISL_560146|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19|England|LIVE-DCC294/2020|2020-11-28|EPI_ISL_724497|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19|Wales|PHWC-253A2/2020|2020-03-23|EPI_ISL_420986|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19|USA/VA-DCLS-0392/2020|2020-04-19|EPI_ISL_467788|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19|England|ALDP-B83811/2020|2020-11-14|EPI_ISL_675215|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Australia/NSW2177/2020|2020-03-20|EPI_ISL_509507|Original|hCoV-19^*New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia
>Spike|hCoV-19|England|CAMC-BOB3F2/2020|2020-10-30|EPI_ISL_643566|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/TX-HMH-MCoV-18016/2020|2020-11-16|EPI_ISL_786164|Original|hCoV-19^*Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spoke|hCoV-19|England|ALDP-9ED39E/2020|2020-05-05|EPI_ISL_589362|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19|USA/MA-MGH-03561/2020|2020-11-30|EPI_ISL_765884|Original|hCoV-19^*Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA
>Spoke|hCoV-19|Australia/NSW2546/2020|2020-04-04|EPI_ISL_527047|Original|hCoV-19^*New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia
>Spoke|hCoV-19|Netherlands/NA_655/2020|2020-00-00|EPI_ISL_461090|Original|hCoV-19^*Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spoke|hCoV-19|Denmark|DCGC-9556/2020|2020-11-09|EPI_ISL_669037|Original|hCoV-19^*Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spoke|hCoV-19|Japan|PG-4218/2020|2020-07-00|EPI_ISL_692456|Original|hCoV-19^*Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan
>Spoke|hCoV-19|Japan|PG-0051/2020|2020-03-03|EPI_ISL_479814|Original|hCoV-19^*Hokkaido|Human|Hokkaido Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Scotland/QEUH-5E0F31/2020|2020-06-17|EPI_ISL_533343|Original|hCoV-19^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Spain/CL-IVB-97006206/2020|2020-04-13|EPI_ISL_537352|Original|hCoV-19^Castilla y Leon|Human|Universidad de Le\u00fa0n|SegCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
>Spike|hCoV-19/England/ALDP-BB98D6/2020|2020-11-20|EPI_ISL_702614|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/South Africa/Tygerberg_28/2020|2020-04-09|EPI_ISL_464139|Original|hCoV-19^Western Cape|Human|National Health Laboratory Service (NHLS)|Division of Medical Virology|Engelbrecht|South Africa
>Spike|hCoV-19/Denmark/DCGC-19059/2020|2020-12-07|EPI_ISL_748727|Original|hCoV-19^Hovedstaden|Human and Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/MI-MDHHS-SC20132/2020|2020-03-22|EPI_ISL_436833|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/USA/WA-S835/2020|2020-04-21|EPI_ISL_463325|Original|hCoV-19^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
>Spike|hCoV-19/England/LIVE-AA6F7/2020|2020-03-24|EPI_ISL_517490|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/USA/UT-UPHL-2009346/2020|2020-05-17|EPI_ISL_524944|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/England/BRIS-128854/2020|2020-04-15|EPI_ISL_458739|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/MA-MGH-00281/2020|2020-04-01|EPI_ISL_460195|Original|hCoV-19^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA
>Spike|hCoV-19/England/MILK-9E1D05/2020|2020-09-20|EPI_ISL_581119|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMB-7DFB6/2020|2020-04-07|EPI_ISL_442203|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/England/EXET-13A8E6/2020|2020-11-07|EPI_ISL_664404|Original|hCoV-19^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spike|hCoV-19/England/ALDP-AA3B7D/2020|2020-10-22|EPI_ISL_624444|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Finland/9LS1BE5/2020|2020-10-09|EPI_ISL_755956|Original|hCoV-19^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland
>Spike|hCoV-19/England/QEUH-9FB2BE/2020|2020-09-29|EPI_ISL_588267|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-A061D0/2020|2020-10-01|EPI_ISL_599920|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-17655/2020|2020-12-14|EPI_ISL_750514|Original|hCoV-19^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Scotland/QEUH-95E439/2020|2020-08-09|EPI_ISL_532342|Original|hCoV-19^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-
Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)
consortium|Davies|United Kingdom
>Spike|hCoV-19/Germany/HH-hpi-p2373/2020|2020-03-24|EPI_ISL_775607|Original|hCoV-
19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette
Institute|Robitaille|Germany
>Spike|hCoV-19/Hong Kong/VM20080365/2020|2020-07-25|EPI_ISL_602607|Original|hCoV-
19^^Hong Kong|Human|Tuen Mun Hospital|Hong Kong Department of Health|Mak|China
>Spike|hCoV-19/USA/CO-CDPH-2100015371/2020|2020-11-21|EPI_ISL_771313|Original|hCoV-
19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado
Department of Puplic Health and Environment|Bankers|USA
>Spike|hCoV-19/England/MILK-B39470/2020|2020-11-01|EPI_ISL_658977|Original|hCoV-
19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/SHEF-C86F3/2020|2020-05-09|EPI_ISL_475408|Original|hCoV-
19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de
Silva|United Kingdom
>Spike|hCoV-19/England/ALDP-A955E9/2020|2020-10-20|EPI_ISL_624660|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/EXET-13A93E/2020|2020-11-07|EPI_ISL_665079|Original|hCoV-
19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK)
Consortium|Temperton|United Kingdom
>Spike|hCoV-19/USA/WI-UW-1874/2020|2020-09-11|EPI_ISL_605746|Original|hCoV-
19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Baczenas|USA
>Spike|hCoV-19/Australia/QLD1108/2020|2020-03-26|EPI_ISL_593625|Original|hCoV-
19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia
>Spike|hCoV-19/United Arab Emirates/0383/2020|2020-05-
15|EPI_ISL_698558|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42
Healthcare|Ogrodzki|United Arab Emirates
>Spike|hCoV-19/USA/MI-MDHHS-SC22451/2020|2020-11-03|EPI_ISL_708543|Original|hCoV-
19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan
Department of Health and Human Services|Jacob|USA
>Spike|hCoV-19/Saudi Arabia/KAUST-Madinah213/2020|2020-04-
06|EPI_ISL_437717|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah
University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah
University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia
>Spike|hCoV-19/Sweden/20-52697/2020|2020-08-24|EPI_ISL_615101|Original|hCoV-
19^^Gavleborg|Human|Gavle klinisk mikrobiologi|The Public Health Agency of
Sweden|Svarstr|\00f66m|Sweden
>Spike|hCoV-19/England/QEUH-962425/2020|2020-08-10|EPI_ISL_531780|Original|hCoV-
19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Finland/20A51S7/2020|2020-04-20|EPI_ISL_481601|Original|hCoV-
19^^Uusimaa|Human|Department of Virology and Immunology|Department of
Virology|Smura|Finland
>Spike|hCoV-19/USA/AZ-TG355070/2020|2020-06-05|EPI_ISL_694438|Original|hCoV-
19^^Arizona|Human|TGen North|TGen North|French|USA
>Spike|hCoV-19/Australia/VIC3420/2020|2020-07-12|EPI_ISL_521094|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spke|hCoV-19/England/MILK-A22AF1/2020|2020-10-03|EPI_ISL_612545|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust COVID-19 Genomics UK (COG-UK) Consortium |Bashton|United Kingdom

>Spke|hCoV-19/Peru/LAM-HRL-224/2020|2020-04-10|EPI_ISL_593776|Original|hCoV-19^^Lambayeque|Human|HOSPITAL REGIONAL LAMBAYEQUE|GENOMA MAYOR|Mechan Llontop|Peru

>Spke|hCoV-19/Switzerland/20-00224/2020|2020-03-21|EPI_ISL_451730|Original|hCoV-19^^Ticino|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spke|hCoV-19/England/QEUH-9FAB3C/2020|2020-09-28|EPI_ISL_588110|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spke|hCoV-19/Wales/PHWC-4BE965/2020|2020-11-13|EPI_ISL_680937|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spke|hCoV-19/England/LOND-D369B/2020|2020-03-31|EPI_ISL_440972|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spke|hCoV-19/Mexico/BCN-ALSR-2519/2020|2020-06-15|EPI_ISL_635523|Original|hCoV-19^^Baja California|Human|Centro de Diagn\u221a\u2265stico COVID-19 UABC Tijuana|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spke|hCoV-19/England/CAMB-7B8F9/2020|2020-04-04|EPI_ISL_442174|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spke|hCoV-19/England/LOND-D369B/2020|2020-03-31|EPI_ISL_440972|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spke|hCoV-19/England/MILK-B54DED/2020|2020-11-05|EPI_ISL_662633|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spke|hCoV-19/England/MILK-AB072/2020|2020-10-20|EPI_ISL_631037|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spke|hCoV-19/Canada/ON-S1953/2020|2020-11-24|EPI_ISL_755673|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spke|hCoV-19/England/ALDP-BB4941/2020|2020-11-20|EPI_ISL_702563|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spke|hCoV-19/England/QEUH-B3PB2A/2020|2020-11-08|EPI_ISL_658476|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spke|hCoV-19/Denmark/DGCC-10862/2020|2020-11-02|EPI_ISL_669741|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spke|hCoV-19/Sweden/20-50224/2020|2020-03-07|EPI_ISL_454892|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratorium|The Public Health Agency of Sweden|Svartrstr\u00f6m|Sweden

>Spke|hCoV-19/England/QUEUH-9FAB3C/2020|2020-09-28|EPI_ISL_588110|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spke|hCoV-19/England/MILK-B54DED/2020|2020-11-05|EPI_ISL_662633|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spke|hCoV-19/England/MILK-AB072/2020|2020-10-20|EPI_ISL_631037|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Uruguay|UY-NYUMC865|2020-03-28|EPI_ISL_457961|Original|hCoV-19
^Montevideo|Human|Laboratorio de Biologí|00eda Molecular Asociacion|00f3n Esapa|00fiola Primera en Salud|Departments of Pathology and Medicine|Maurano|Uruguay
>Spit|hCoV-19|England|MLIK-99D11B|2020-08-30|EPI_ISL_549825|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spit|hCoV-19|USA|MA-MGH-00415|2020-03-07|EPI_ISL_460241|Original|hCoV-19
^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA
>Spit|hCoV-19|Canada|BC_09029034|2020-04-00|EPI_ISL_477111|Original|hCoV-19
^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada
>Spit|hCoV-19|England|QUEUH-BCE522|2020-11-26|EPI_ISL_704480|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spit|hCoV-19|Jordan|AM-ALSR-3922|2020-09-30|EPI ISL_636288|Original|hCoV-19
^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan
>Spit|hCoV-19|Hong Kong|VM20035533|2020-07-10|EPI_ISL_523831|Original|hCoV-19
^Hong Kong|Human|Our Lady of Maryknoll Hospital|Hong Kong Department of Health|Mak|China
>Spit|hCoV-19|Uganda|UG034|2020-03-21|EPI_ISL_737954|Original|hCoV-19
^Uganda|Human|Uganda Central Public Health Lab and Uganda Virus Research Institute|MRC/UVRI & LSHTM Uganda\00a0Research Unit|Cotten|Uganda
>Spit|hCoV-19|Belgium|ULG-10222|2020-05-15|EPI ISL_498128|Original|hCoV-19
^Li\00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
>Spit|hCoV-19|USA|TX-HMH-MCoV-19762|2020-11-21|EPI_ISL_784105|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spit|hCoV-19|USA|MA-MASPHL-00640|2020-05-14|EPI ISL_692989|Original|hCoV-19
^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA
>Spit|hCoV-19|USA|TX-HMH-MCoV-15419|2020-10-20|EPI_ISL_786903|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spit|hCoV-19|England|CAMB-76FF9|2020-04-01|EPI_ISL_425449|Original|hCoV-19
^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spit|hCoV-19|England|CAMC-A42044|2020-10-05|EPI_ISL_609380|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spit|hCoV-19|Denmark|DGC-5456|2020-09-21|EPI ISL_620781|Original|hCoV-19
^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albersen lab|Michaelsen|Denmark
>Spit|hCoV-19|USA|CA-CZB-10542|2020-09-07|EPI_ISL_583192|Original|hCoV-19
^California|Human|San Francisco Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA
>Spit|hCoV-19|England|QUEUH-9AE19F|2020-09-04|EPI_ISL_637662|Original|hCoV-19
^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spit|hCoV-19|Bangladesh|DNAS_DRCTM_isl_P2-98_2020-07-02|EPI_ISL_774917|Original|hCoV-19^dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabi|Bangladesh
>Spit|hCoV-19|Netherlands|NB-EMC-245|2020-05-16|EPI ISL_523368|Original|hCoV-19
^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spit|hCoV-19|USA|UT-UPHL-05364|2020-05-30|EPI_ISL_560872|Original|hCoV-19
^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spit|hCoV-19|Panama|333427|2020-03-26|EPI ISL_496741|Original|hCoV-19^Panama West|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama
>Spike|hCoV-19/Denmark/DCGC-2458/2020|2020-08-10|EPI_ISL_617418|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

> Spike|hCoV-19/England/CAMB-1AC83A/2020|2020-04-23|EPI_ISL_489433|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/Australia/VIC4046/2020|2020-07-10|EPI_ISL_519428|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

> Spike|hCoV-19/Belgium/ULG-10088/2020|2020-04-04|EPI_ISL_424646|Original|hCoV-19^^Li|u00e0ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

> Spike|hCoV-19/England/CAMC-B20904/2020|2020-11-02|EPI_ISL_647649|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/USA/UT-UPHL-201013642/2020|2020-04-23|EPI_ISL_594427|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

> Spike|hCoV-19/USA/MN-MDH-2069/2020|2020-11-03|EPI_ISL_683698|Original|hCoV-19^^Minnesota|Human|Essentia Health-St. Mary's Medical Center|Minnesota Department of Health|Garfin|USA

> Spike|hCoV-19/England/BIRM-6B003/2020|2020-11-14|EPI_ISL_679118|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

> Spike|hCoV-19/Scotland/EDB1373/2020|2020-04-10|EPI_ISL_491600|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/USA/OR-OHSU-0478/2020|2020-06-11|EPI_ISL_525822|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Ginkgo Bioworks Clinical Laboratory|O'Roak|USA

> Spike|hCoV-19/USA/LA-EVTL191/2020|2020-05-25|EPI_ISL_574325|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

> Spike|hCoV-19/Germany/HH-hipi-p1792/2020|2020-03-19|EPI_ISL_775916|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

> Spike|hCoV-19/England/MILK-9FOC9D/2020|2020-09-24|EPI_ISL_589604|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/Denmark/DCGC-2582/2020|2020-08-17|EPI_ISL_616419|Original|hCoV-19^^Røvedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/England/MILK-ACC0F7/2020|2020-10-20|EPI_ISL_629174|Original|hCoV-19
>^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WA-S2192/2020|2020-06-08|EPI_ISL_497620|Original|hCoV-19
>^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spike|hCoV-19/England/ALDP-BB3ABB/2020|2020-11-19|EPI_ISL_701743|Original|hCoV-19
>^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/CVR2939/2020|2020-04-22|EPI_ISL_439000|Original|hCoV-19
>^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/CA-SR0463/2020|2020-05-19|EPI_ISL_467984|Original|hCoV-19
>^California|Human|Rady's Childrens Hospital|Anderssen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/DRC/1324/2020|2020-04-07|EPI_ISL_435033|Original|hCoV-19
>^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Amuri|Democratic Republic of the Congo
>Spike|hCoV-19/England/QEUH-A8C7A3/2020|2020-10-15|EPI_ISL_643280|Original|hCoV-19
>^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/LOND-D62FF/2020|2020-04-21|EPI_ISL_482199|Original|hCoV-19
>^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Norway/5657/2020|2020-11-17|EPI_ISL_708138|Original|hCoV-19
>^Viken|Human|Medical Microbiology Unit|Norwegian Institute of Public Health|Kopperud Riis|Norway
>Spike|hCoV-19/Australia/VIC18006/2020|2020-12-20|EPI_ISL_779619|Original|hCoV-19
>^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Beck|Australia
>Spike|hCoV-19/Spain/CN-IBV-97006489/2020|2020-03-25|EPI_ISL_537703|Original|hCoV-19
>^Canary Islands|Human|Hospital Universitario de Gran Canaria Dr. Negru00edn|SeqCOVID-Spain consortium|IBV (CSIC)|Comas|Spain
>Spike|hCoV-19/Wales/PHWC-2A158/2020|2020-04-05|EPI_ISL_432021|Original|hCoV-19
>^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/England/204740524/2020|2020-11-16|EPI_ISL_693407|Original|hCoV-19
>^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spike|hCoV-19/Japan/PG-0465/2020|2020-04-07|EPI_ISL_480126|Original|hCoV-19
>^HokurikuShinsyu|Human|Fukui Prefectural Institute of Public Health and Environmental Science|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Japan/PG-1248/2020|2020-00-00|EPI_ISL_684858|Original|hCoV-19
>^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/QEUH-9DEF23/2020|2020-09-21|EPI_ISL_581310|Original|hCoV-19
>^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-9C8DD7/2020|2020-09-11|EPI_ISL_567057|Original|hCoV-19
>^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Spain/CT-IBV-97010147/2020|2020-11-03|EPI_ISL_683616|Original|hCoV-19
>^Catalunya|Human|Servicio de Microbiologia\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain
>Spike|hCoV-19/England/CWAR-24PFDE1/2020|2020-06-02|EPI_ISL_584558|Original|hCoV-19
>^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom
>Spike|hCoV-19/Scotland/EDB6327/2020|2020-06-01|EPI_ISL_473937|Original|hCoV-19
>^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
Spike|hCoV-19|England/NORT-292D19/2020|2020-05-18|EPI_ISL_489105|Original|hCoV-19
^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Germany/HB-hpi-p1695/2020|2020-03-18|EPI_ISL_775697|Original|hCoV-19
^Bremen|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany
Spike|hCoV-19|Scotland/GCCV-172EFF/2020|2020-04-06|EPI_ISL_524504|Original|hCoV-19
^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Scotland/GCCV-172EFF/2020|2020-04-06|EPI_ISL_524504|Original|hCoV-19
^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/QEUH-B3F53B/2020|2020-11-08|EPI_ISL_658713|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Hangzhou/HZCDC0119/2020|2020-01-22|EPI_ISL_421226|Original|hCoV-19
^Hangzhou|Human|Hangzhou Center for Diseases Control and Prevention|Hangzhou Center for Diseases Control and Prevention|Li|China
Spike|hCoV-19|England/MILK-ACEC3D/2020|2020-10-21|EPI_ISL_629281|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/QEUH-B3F53B/2020|2020-11-08|EPI_ISL_658713|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA/TX-HMH-MCoV-8969/2020|2020-07-02|EPI_ISL_780865|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|Denmark/DGCC-21290/2020|2020-11-10|EPI_ISL_780865|Original|hCoV-19
^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
Spike|hCoV-19|England/DGCC-21290/2020|2020-11-10|EPI_ISL_780865|Original|hCoV-19
^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
Spike|hCoV-19|England/ALDP-9ED273/2020|2020-05-08|EPI_ISL_589274|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Netherlands/OV-EMC-61/2020|2020-05-26|EPI_ISL_523445|Original|hCoV-19
^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
Spike|hCoV-19/England/EMC-61/2020|2020-05-26|EPI_ISL_523445|Original|hCoV-19
^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
Spike|hCoV-19/Wales/PHW/483FF5/2020|2020-10-23|EPI_ISL_627954|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/England/CAMB-7767D3/2020|2020-03-30|EPI_ISL_438349|Original|hCoV-19
^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
Spike|hCoV-19/USA/WI-UW-1196/2020|2020-08-10|EPI_ISL_527806|Original|hCoV-19
^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczewska|USA
Spike|hCoV-19/Gambia/GC19-3214/2020|2020-07-27|EPI_ISL_561051|Original|hCoV-19
^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia
>Spike|hCoV-19/England/CAMC-B547B2/2020|2020-11-05|EPI_ISL_658345|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB3528/2020|2020-04-13|EPI_ISL_487998|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MLK-9AA776/2020|2020-08-29|EPI_ISL_550288|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10418/2020|2020-08-14|EPI_ISL_581600|Original|hCoV-19^^Li|u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Kazakhstan/26827/2020|2020-04-26|EPI_ISL_454516|Original|hCoV-19^^Nursultan|Human|RSE \ National Center for Biotechnology\ RSE \ National Center for Biotechnology\ Kalender|Kazakhstan

>Spike|hCoV-19/Scotland/EDB3435/2020|2020-04-10|EPI_ISL_487697|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20012/2020|2020-03-13|EPI_ISL_437099|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Scotland/CVR2144/2020|2020-04-10|EPI_ISL_493777|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MLK-9AA096/2020|2020-09-01|EPI_ISL_550882|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW756/2020|2020-07-20|EPI_ISL_513398|Original|hCoV-19^^New South Wales|Human|St Vincent’s Pathology (SydPath)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Switzerland/BL-ETHZ-190075/2020|2020-07-05|EPI_ISL_500933|Original|hCoV-19^^Basel-Landschaft|Human|VioUiler AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-MCoV-14462/2020|2020-10-08|EPI_ISL_787747|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NY-Wadsworth-200229-01/2020|2020-07-01|EPI_ISL_677063|Original|hCoV-19^^New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC224455/2020|2020-11-08|EPI_ISL_708544|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Luxembourg/LNS7215500/2020|2020-10-22|EPI_ISL_744537|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUH-9B7430/2020|2020-09-07|EPI_ISL_590492|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/LR00106/2020|2020-07-15|EPI_ISL_514403|Original|hCoV-19^^Gauteng|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/England/QEUH-C5B887/2020|2020-12-14|EPI_ISL_769422|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5719/2020|2020-07-00|EPI_ISL_688841|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-ALSR-4196/2020|2020-08-09|EPI_ISL_648881|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
> | Spike | hCoV-19/Japan/PG-8536/2020|2020-07-00|EPI_ISL_686132|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
| Spike | hCoV-19/Australia/VIC4598/2020|2020-07-12|EPI_ISL_518999|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
| Spike | hCoV-19/Japan/IC-0429/2020|2020-11-00|EPI_ISL_768638|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
| Spike | hCoV-19/England/204491176/2020|2020-10-31|EPI_ISL_660770|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
| Spike | hCoV-19/Japan/PG-5788/2020|2020-08-00|EPI_ISL_688907|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan
| Spike | hCoV-19/Denmark/DCGC-19577/2020|2020-12-07|EPI_ISL_748147|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
| Spike | hCoV-19/England/CAMC-9EC881/2020|2020-09-23|EPI_ISL_594625|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
| Spike | hCoV-19/England/MLK-B67667/2020|2020-11-13|EPI_ISL_674075|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
| Spike | hCoV-19/Norway/2084/2020|2020-03-09|EPI_ISL_420150|Original|hCoV-19^^Norway|Human|Oslo University Hospital|Norwegian Institute of Public Health|Hungnes|Norway
| Spike | hCoV-19/England/CAMC-A5749B/2020|2020-10-08|EPI_ISL_597495|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
| Spike | hCoV-19/England/QEUH-BOE6AB/2020|2020-11-01|EPI_ISL_642203|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
| Spike | hCoV-19/SaudiArabia/KAUST-MADINAH1090/2020|2020-06-11|EPI_ISL_513101|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia
| Spike | hCoV-19/India/WM-IK95/2020|2020-05-24|EPI_ISL_511907|Original|hCoV-19^^West Bengal|Human|Institute of Post Graduate Medical Education & Research|National Institute of Biomedical Genomics|U00a0DBT's PAN-INDIA 1000 SARS-CoV-2 RNA Genome Sequencing Consortium|Maitra|India
| Spike | hCoV-19/USA/CO-CDPHE-2009164080/2020|2020-09-16|EPI_ISL_710334|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA
| Spike | hCoV-19/England/MLK-A0654D/2020|2020-10-01|EPI_ISL_599918|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
| Spike | hCoV-19/England/MLK-A0654F2/2020|2020-10-22|EPI_ISL_629713|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
| Spike | hCoV-19/USA/FL-BPFL-0957/2020|2020-07-08|EPI_ISL_517847|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
| Spike | hCoV-19/England/QEUH-B678D7/2020|2020-11-10|EPI_ISL_655804|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
| Spike | hCoV-19/USA/MD-MDH-0082/2020|2020-05-26|EPI_ISL_509486|Original|hCoV-19^^Maryland|Human|Maryland Department of Health|Maryland Department of Health|Keller|USA
>Spike|hCoV-19/Belgium/rega-0721838/2020|2020-07-21|EPI_ISL_734808|Original|hCoV-19\^Ranst\|Human\|UZ Leuven\|KU Leuven\|Maes\|Belgium
|>Spike|hCoV-19/England/QEUEH-B69969/2020|2020-11-11|EPI_ISL_661491|Original|hCoV-19\^England\|Human\|Lighthouse Lab in Glasgow\|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium\|Davies\|United Kingdom
|>Spike|hCoV-19/Canada/BC-BCCDC-8585/2020|2020-11-00|EPI_ISL_740832|Original|hCoV-19\^British Columbia\|Human\|BCCDC Public Health Laboratory\|BCCDC Public Health Laboratory\|Prystajecky\|Canada
|>Spike|hCoV-19/Wales/PHWC-166DF1/2020|2020-05-25|EPI_ISL_494117|Original|hCoV-19\^Wales\|Human\|Originating lab\|COVID-19 Genomics UK (COG-UK) Consortium\|Moore\|United Kingdom
|>Spike|hCoV-19/South Africa/KRISP-K004055/2020|2020-10-19|EPI_ISL_635034|Original|hCoV-19\^South Africa\|Human\|National Health Laboratory Service - Inkosi Albert Luthuli Central Hospital (NHLS-TALCH)\|KRISP\|de Oliveira\|South Africa
|>Spike|hCoV-19/USA/MI-QDX-1130/2020|2020-03-21|EPI_ISL_571860|Original|hCoV-19\^Michigan\|Human\|Quest Diagnostics\|Quest Diagnostics\|Kagan\|USA
|>Spike|hCoV-19/Wales/MILK-A23B48/2020|2020-10-03|EPI_ISL_639007|Original|hCoV-19\^Wales\|Human\|Centre for Enzyme Innovation\|COVID-19 Genomics UK (COG-UK) Consortium\|Robson\|United Kingdom
|>Spike|hCoV-19/England/ALDP-CB3A20/2020|2020-12-18|EPI_ISL_761914|Original|hCoV-19\^England\|Human\|Lighthouse Lab in Alderley Park\|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium\|Davies\|United Kingdom
|>Spike|hCoV-19/England/CAMB-1BB540/2020|2020-11-18|EPI_ISL_664316|Original|hCoV-19\^England\|Human\|Department of Pathology\|COVID-19 Genomics UK (COG-UK) Consortium\|Goodfellow\|United Kingdom
|>Spike|hCoV-19/Australia/VIC4462/2020|2020-07-16|EPI_ISL_519758|Original|hCoV-19\^Victoria\|Human\|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)\|MDU-PHL\|Schultz\|Australia
|>Spike|hCoV-19/England/CAMC-9DFB7/2020|2020-09-19|EPI_ISL_601764|Original|hCoV-19\^England\|Human\|Lighthouse Lab in Cambridge\|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium\|Davies\|United Kingdom
|>Spike|hCoV-19/India/WB-S7/2020|2020-03-31|EPI_ISL_455641|Original|hCoV-19\^West Bengal\|Human\|ICMR-National Institute of Cholera and Enteric Diseases\|National Institute of Biomedical Genomics\|Maitra\|India
|>Spike|hCoV-19/England/ALDP-9CB1C9/2020|2020-09-13|EPI_ISL_575551|Original|hCoV-19\^England\|Human\|Lighthouse Lab in Alderley Park\|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium\|Davies\|United Kingdom
|>Spike|hCoV-19/England/ALDP-951B86/2020|2020-06-13|EPI_ISL_554172|Original|hCoV-19\^England\|Human\|Lighthouse Lab in Alderley Park\|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium\|Davies\|United Kingdom
|>Spike|hCoV-19/England/QEUEH-C947C4/2020|2020-12-17|EPI_ISL_777438|Original|hCoV-19\^England\|Human\|Lighthouse Lab in Cambridge\|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium\|Davies\|United Kingdom
|>Spike|hCoV-19/England/CAMB-1BB540/2020|2020-11-18|EPI_ISL_664316|Original|hCoV-19\^England\|Human\|Department of Pathology\|COVID-19 Genomics UK (COG-UK) Consortium\|Goodfellow\|United Kingdom
|>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH470/2020|2020-08-04|EPI_ISL_512925|Original|hCoV-19\^Jeddah\|Human\|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)\|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)\|Mohamed GhaZZai\|Saudi Arabia
|>Spike|hCoV-19/Portugal/PT0302/2020|2020-03-16|EPI_ISL_454018|Original|hCoV-19\^Portugal\|Human\|unknown\|Instituto Nacional de Saude (INSA)\|Borges\|Portugal
|>Spike|hCoV-19/USA/TX-DSHS-0780/2020|2020-05-21|EPI_ISL_590849|Original|hCoV-19\^Texas\|Human\|Texas Department of State Health Services\|Texas Department of State Health Services\|Rahman\|USA
|>Spike|hCoV-19/USA/CA-CZB-4004/2020|2020-08-03|EPI_ISL_548655|Original|hCoV-19\^California\|Human\|County of Santa Clara Public Health Department\|Chan-Zuckerberg Biohub\|Bhatt\|USA
|>Spike|hCoV-19/Spain/AS-IBV-98006641/2020|2020-04-10|EPI_ISL_654678|Original|hCoV-19\^Asturias\|Human\|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV(CSIC)\|Comas\|Spain
>Spike|hCoV-19|England/MILK-9E0B75/2020|2020-09-21|EPI_ISL_601484|Original|hCoV-
19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Australia/NSW2159/2020|2020-03-10|EPI_ISL_500637|Original|hCoV-19^^New
South Wales|Human|Area of Virology|Area of Virology|Bull|Australia
>Spike|hCoV-19|USA/MN-MDH-1927/2020|2020-10-10|EPI_ISL_613499|Original|hCoV-
19^^Minnesota|Human|Public Health Laboratory - Infectious Disease Lab|Minnesota
Department of Health|Lorentz|USA
>Spike|hCoV-19|England/MILK-AC8FC1/2020|2020-10-22|EPI_ISL_709923|Original|hCoV-
19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/UN-UW-11208/2020|2020-06-15|EPI_ISL_576401|Original|hCoV-
19^^USA|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19|Ireland/G-NVRL-761RL3391/2020|2020-10-
18|EPI_ISL_732468|Original|hCoV-19^^Galway|Human|National Virus Reference
Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland
>Spike|hCoV-19|USA/MI-UM-10036797375/2020|2020-11-05|EPI_ISL_707841|Original|hCoV-
19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring
Lab|Valesano|USA
>Spike|hCoV-19|Canada/ON-PHL-5705/2020|2020-03-00|EPI_ISL_418336|Original|hCoV-
19^^Ontario|Human|Public Health Ontario Laboratories|Public Health Ontario
Laboratories|Eshaghi|Canada
>Spike|hCoV-19|USA/CA-IGI-0814/2020|2020-06-30|EPI_ISL_756346|Original|hCoV-
19^^California|Human|Innovative Genomics Institute|Innovative Genomics
Institute|Wyman|USA
>Spike|hCoV-19|Belgium/rega-0416907/2020|2020-04-16|EPI_ISL_734595|Original|hCoV-
19^^Auverghe|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Spike|hCoV-19|England/NORW-E8BC1/2020|2020-04-13|EPI_ISL_448287|Original|hCoV-
19^^England|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK)
Consortium|Alikhan|United Kingdom
>Spike|hCoV-19|England/PORT-2D56E2/2020|2020-12-20|EPI_ISL_763685|Original|hCoV-
19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK)
Consortium|Robson|United Kingdom
>Spike|hCoV-19|Portugal/PT1468/2020|2020-03-16|EPI_ISL_511427|Original|hCoV-
19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude
(INSA)|Borges|Portugal
>Spike|hCoV-19|Denmark/DCGC-13142/2020|2020-11-30|EPI_ISL_712612|Original|hCoV-
19^^Hovedstaden|Human|Department of Virus and Microbiological Special
Diagnostics|Albersen Lab|Michaelsen|Denmark
>Spike|hCoV-19|Denmark/DCGC-2255/2020|2020-08-10|EPI_ISL_617435|Original|hCoV-
19^^Syddanmark|Human|Department of Virus and Microbiological Special
Diagnostics|Albersen lab|Michaelsen|Denmark
>Spike|hCoV-19|Netherlands/ZH-EMC-638/2020|2020-09-21|EPI_ISL_578066|Original|hCoV-
19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude
Munnik|Netherlands
>Spike|hCoV-19|Wales/PHWC-15CE46/2020|2020-05-04|EPI_ISL_472627|Original|hCoV-
19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK
(COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19|SaudiArabia/KAUST-JEDDAH755/2020|2020-04-
02|EPI_ISL_512998|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah
University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah
University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia
>Spike|hCoV-19|England/ALDP-94BB78/2020|2020-06-11|EPI_ISL_555796|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/MILK-97653A/2020|2020-08-20|EPI_ISL_575903|Original|hCoV-
19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMB-73BCB/2020|2020-04-03|EPI_ISL_433673|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spke|hCoV-19/England/QEUH-9B4FBA/2020|2020-09-07|EPI_ISL_590256|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/England/ALDP-B23F0F/2020|2020-11-04|EPI_ISL_646375|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19/Brazil/RJ-INCA-C72/2020|2020-04-24|EPI_ISL_513563|Original|hCoV-19^^Rio de Janeiro|Human|Programa de Oncovirologia|Programa de Oncovirologia|Ramos Goes|Brazil
>Spke|hCoV-19/England/SHEF-CFBC0/2020|2020-08-02|EPI_ISL_517572|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spke|hCoV-19/England/LIVE-9F349/2020|2020-05-01|EPI_ISL_453449|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spke|hCoV-19/USA/NY-NYUMC602/2020|2020-04-03|EPI_ISL_444719|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
>Spke|hCoV-19/France/NAQ-SC598/2020|2020-06-20|EPI_ISL_663242|Original|hCoV-19^^Nouvelle-Aquitaine|Human|CHU Poitiers|CNR Virus des Infections Respiratoires - France Sud|Bal|France
>Spke|hCoV-19/USA/CA-CZB-4090/2020|2020-08-13|EPI_ISL_548640|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA
>Spke|hCoV-19/USA/NY-Wadsworth-226476-01/2020|2020-08-22|EPI_ISL_677111|Original|hCoV-19^^New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA
>Spke|hCoV-19/Japan/PG-8821/2020|2020-08-00|EPI_ISL_686403|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
>Spke|hCoV-19/USA/MI-QDX-360/2020|2020-03-23|EPI_ISL_571103|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spke|hCoV-19/Australia/VIC62/2020|2020-03-13|EPI_ISL_419774|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia
>Spke|hCoV-19/USA/WI-GMF-M00019/2020|2020-07-03|EPI_ISL_547670|Original|hCoV-19^^Wisconsin|Human|Gundersen Clinical Microbiology Laboratory|Kabara Cancer Research Institute|Kenny|USA
>Spke|hCoV-19/England/QEUH-B8243C/2020|2020-11-14|EPI_ISL_668263|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19/USA/ME-HETL-J0397/2020|2020-12-15|EPI_ISL_755508|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA
>Spke|hCoV-19/Australia/VIC678/2020|2020-03-27|EPI_ISL_426973|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spke|hCoV-19/England/QEUH-A21825/2020|2020-10-01|EPI_ISL_587550|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19/USA/TX-HNH-MCoV-18417/2020|2020-11-18|EPI_ISL_784765|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spke|hCoV-19/South Africa/LRO0088/2020|2020-07-15|EPI_ISL_514394|Original|hCoV-19^^Gauteng|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa
> Spike|hCoV-19/Latvia/222/2020|2020-09-15|EPI_ISL_770056|Original|hCoV-19^^Latvia|Human|Centr\u0101\u0101\u0101 Laboratorija|Latvian Biomedical Research and Study Centre|Zrelovs|Latvia
> Spike|hCoV-19/Denmark/ALAB-SS1-1252/2020|2020-03-11|EPI_ISL_444829|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark
> Spike|hCoV-19/USA/FL-QDX-1820/2020|2020-03-17|EPI_ISL_604106|Original|hCoV-19^^Florida|Human|Quest Diagnostics|Quest Diagnostics|Blankenship|USA
> Spike|hCoV-19/Canada/CA-CZB-13060/2020|2020-05-17|EPI_ISL_672330|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA
> Spike|hCoV-19/Australia/VIC12771/2020|2020-07-29|EPI_ISL_640452|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19/Russia/OMS-ORINFI-90605/2020|2020-05-19|EPI_ISL_569856|Original|hCoV-19^^Mosk|Human|Mosk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia
> Spike|hCoV-19/Russia/ROS-RII-MH34255S/2020|2020-10-06|EPI_ISL_733146|Original|hCoV-19^^Rostov|Human|HELIXX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia
> Spike|hCoV-19/USA/MI-MDHHS-SC22583/2020|2020-11-23|EPI_ISL_737157|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
> Spike|hCoV-19/England/NOTT-11F45C/2020|2020-11-24|EPI_ISL_703775|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK)|Consortium|Loose|United Kingdom
> Spike|hCoV-19/USA/MI-MDHHS-SC20831/2020|2020-04-17|EPI_ISL_471852|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
> Spike|hCoV-19/England/CAMC-C85939/2020|2020-12-17|EPI_ISL_756589|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/Panama/336432/2020|2020-04-04|EPI_ISL_496849|Original|hCoV-19^^Panama Center|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama
> Spike|hCoV-19/USA/NJ-UW-1365/2020|2020-09-06|EPI_ISL_536736|Original|hCoV-19^^New Jersey|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
> Spike|hCoV-19/Wales/PHHC-47D3E3/2020|2020-10-08|EPI_ISL_586138|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/England/ALDP-A2F089/2020|2020-10-05|EPI_ISL_587264|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/India/TG-CCMB-GC39/2020|2020-05-27|EPI_ISL_528817|Original|hCoV-19^^Telangana|Human|Department of Medicine|CSIR-Centre for Cellular and Molecular Biology|Banu|India
> Spike|hCoV-19/Netherlands/ZH-RIVM-20686/2020|2020-12-23|EPI_ISL_790754|Original|hCoV-19^^Zuid-holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
> Spike|hCoV-19/England/ALDP-AA416B/2020|2020-10-22|EPI_ISL_624021|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England|ALDP-9C5165/2020|2020-09-10|EPI_ISL_567872|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England|ALDP-9CADC6/2020|2020-09-16|EPI_ISL_575480|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|USA|TX-HMH-MCoV-9732/2020|2020-07-08|EPI_ISL_780106|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19|Denmark|DCGC-20762/2020|2020-12-21|EPI_ISL_759349|Original|hCoV-19
^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelesen|Denmark
> Spike|hCoV-19|Japan|PG-2745/2020|2020-04-00|EPI_ISL_690877|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
> Spike|hCoV-19|England|MILK-ACC024/2020|2020-10-21|EPI_ISL_629208|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England|QEUH-B7EE08/2020|2020-11-14|EPI_ISL_668114|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|England|QEUH-960700/2020|2020-08-05|EPI_ISL_532084|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England|CAMB-77954/2020|2020-03-31|EPI_ISL_438525|Original|hCoV-19
^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
> Spike|hCoV-19|Bulgaria|40/2020|2020-04-19|EPI_ISL_480309|Original|hCoV-19
^Sofia|Human|National Reference Laboratory \Influenza and acute respiratory diseases\|NRL-HIV|Ivanov|Bulgaria
> Spike|hCoV-19|USA|CA-UCSF-UC46/2020|2020-03-17|EPI_ISL_450238|Original|hCoV-19
^California|Human|UCSF Clinical Microbiology Laboratory|Chiu Laboratory|Chiu|USA
> Spike|hCoV-19|Denmark|DCGC-7172/2020|2020-10-12|EPI_ISL_619183|Original|hCoV-19
^NA|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelesen|Denmark
> Spike|hCoV-19|USA|CA-CZB-1691/2020|2020-04-02|EPI_ISL_468627|Original|hCoV-19
^California|Human|Contra Costa Public Health Lab|Chan-Zuckerberg Biohub|McGeever|USA
> Spike|hCoV-19|Denmark|DCGC-12758/2020|2020-11-09|EPI_ISL_682939|Original|hCoV-19
^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelesen|Denmark
> Spike|hCoV-19|Denmark|ALAB-SSI-634/2020|2020-03-26|EPI_ISL_437010|Original|hCoV-19
^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark
> Spike|hCoV-19|Wales|PHWC-160CFA/2020|2020-05-21|EPI_ISL_473041|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19|USA|CA-ALSR-3165/2020|2020-08-19|EPI_ISL_635893|Original|hCoV-19
^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
> Spike|hCoV-19|Sweden|20-22287/2020|2020-03-18|EPI_ISL_660385|Original|hCoV-19
^Ostergotland|Human|Klinisk mikrobiologi Linkoping|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden
> Spike|hCoV-19|Australia|NSW1042/2020|2020-07-04|EPI_ISL_593694|Original|hCoV-19
^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
Consortium|Alikhan|United Kingdom

19^\text{Scotland}|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

19^\text{Japan}|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

19^\text{Brazil}/PA-IEC-164747/2020|2020-04-28|EPI_ISL_524783|Original|hCoV-19^\text{Par}\u00e8\text{u00fanior}|Human|ufeffEvandro Chagas Institute\u00e8|u00fanior|Brazil

19^\text{Scotland}/QEUH-CC32F8/2020|2020-12-21|EPI_ISL_760700|Original|hCoV-19^\text{England}|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

19^\text{Japan}/PHWC-499439/2020|2020-12-03|EPI_ISL_727304|Original|hCoV-19^\text{Wales}|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

19^\text{Scotland}/A02B5E/2020|2020-10-01|EPI_ISL_585592|Original|hCoV-19^\text{Scotland}|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

19^\text{California}|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

19^\text{California}|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/USA/LA-GBCL-26159763/2020|2020-04-11|EPI_ISL_485013|Original|hCoV-19
^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA
>Spike|hCoV-19/Portugal/PT0760/2020|2020-03-24|EPI_ISL_511019|Original|hCoV-19
^Portugal|Human|Instituto Nacional de Saude (INSA)|INSA|Borges|Portugal
>Spike|hCoV-19/England/ALDP-A68181/2020|2020-10-12|EPI_ISL_608379|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Equatorial Guinea/50236/2020|2020-08-14|EPI_ISL_648339|Original|hCoV-19
^Bioko Norte|Human|Laboratorio de Investigaciones de Baney|University Hospital Basel|Hosch|Equatorial Guinea
>Spike|hCoV-19/Denmark/DGCC-12551/2020|2020-11-16|EPI_ISL_682732|Original|hCoV-19
^SydDanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/QEUH-A2041A/2020|2020-10-01|EPI_ISL_587590|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-47F1D8/2020|2020-10-06|EPI_ISL_612643|Original|hCoV-19
^-Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Mooore|United Kingdom
>Spike|hCoV-19/Brazil/RJ-1056/2020|2020-04-01|EPI_ISL_456072|Original|hCoV-19
^Rio de Janeiro|Human|Laboratory of Respiratory Viruses and Measles|Laboratory of Respiratory Viruses and Measles|Silva|Brazil
>Spike|hCoV-19/England/QEUH-A1E919/2020|2020-10-01|EPI_ISL_587375|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/LIVE-A8723/2020|2020-03-26|EPI_ISL_517204|Original|hCoV-19
^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/USA/AZ-TG503213/2020|2020-07-15|EPI_ISL_695287|Original|hCoV-19
^-Arizona|Human|TGen North|TGen North|French|USA
>Spike|hCoV-19/Brazil/RJ-006021/2020|2020-03-25|EPI_ISL_735412|Original|hCoV-19
^S\u00030 reducing|Human|Hospital e Pronto Socorro Portinari|Instituto Adolfo Lutz|Sacchi|Brazil
>Spike|hCoV-19/England/LIVE-A8723/2020|2020-03-26|EPI_ISL_517204|Original|hCoV-19
^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/Canada/ON-PHL-20-02417/2020|2020-09-00|EPI_ISL_671529|Original|hCoV-19
^-Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada
>Spike|hCoV-19/USA/AZ-TG503213/2020|2020-07-15|EPI_ISL_695287|Original|hCoV-19
^-Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/CA-CZB-3701/2020|2020-07-22|EPI_ISL_548433|Original|hCoV-19
^-California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA
>Spike|hCoV-19/Gibraltar/20464170/2020|2020-04-00|EPI_ISL_637191|Original|hCoV-19
^-Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar
>Spike|hCoV-19/Canada/QC-LSPQ-L00228839/2020|2020-03-20|EPI_ISL_535878|Original|hCoV-19
^Quebec|Human|Hy00afpital de Saint-Eustache|Laboratoire de sant\u0009 publique du Que\u0009uebec|Moreira|Canada
>Spike|hCoV-19/Spain/RI-IBV-006021/2020|2020-03-25|EPI_ISL_500451|Original|hCoV-19
^-La Rioja|Human|Centro de Investigaci\u000fn|Biom\u0009ue de La Rioja | Hospital San Pedro Logro\u0009o|\u0009yo|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>Spike|hCoV-19/Netherlands/DR-EMC-5/2020|2020-04-28|EPI_ISL_523123|Original|hCoV-19
^-Drenthe|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/England/QEUH-96B41D/2020|2020-08-14|EPI_ISL_531276|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/MILK-99E3D8/2020|2020-08-31|EPI_ISL_550615|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/MILK-B86456/2020|2020-11-13|EPI_ISL_674094|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/Scotland/QEUH-9E54FD/2020|2020-09-24|EPI_ISL_601012|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Scotland/EDBB3178/2020|2020-04-06|EPI_ISL_489035|Original|hCoV-19^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Scotland/EDBB3178/2020|2020-04-06|EPI_ISL_489035|Original|hCoV-19^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/USA/CA-CZB-10846/2020|2020-07-24|EPI_ISL_583091|Original|hCoV-19^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA
>Spik|hCoV-19/Scotland/GCVR-173B8E/2020|2020-04-06|EPI_ISL_459104|Original|hCoV-19^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/QEUH-BCDDB2/2020|2020-11-26|EPI_ISL_704235|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/SHEF-10C806B/2020|2020-12-05|EPI_ISL_703671|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spik|hCoV-19/Wales/PHWC-3181D/2020|2020-04-10|EPI_ISL_446493|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spik|hCoV-19/USA/CA-CZB-3694/2020|2020-07-17|EPI_ISL_548426|Original|hCoV-19^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA
>Spik|hCoV-19/Wales/PHWC-48BF0C/2020|2020-11-07|EPI_ISL_666369|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik|hCoV-19/Australia/VIC6052/2020|2020-07-20|EPI_ISL_518092|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spik|hCoV-19/Japan/PG-2703/2020|2020-05-00|EPI_ISL_690835|Original|hCoV-19^Japan|Human|Kanagawa Prefectural Institute of Public Health|Pathogen Genomics Center|Seikizu|Japan
>Spik|hCoV-19/USA/NY-NYUMC262/2020|2020-04-05|EPI_ISL_428776|Original|hCoV-19^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
>Spik|hCoV-19/England/SHEF-10D4A40/2020|2020-12-10|EPI_ISL_742068|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spik|hCoV-19/USA/TX-HMH-MCoV-19827/2020|2020-11-29|EPI_ISL_784155|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19/Denmark/ALAB-HH-228/2020|2020-04-28|EPI_ISL_452076|Original|hCoV-19^Denmark|Human|Department of Clinical Microbiology|Albertsen|lab|Kirkegaard|Denmark
>Spik|hCoV-19/Denmark/DGCC-11975/2020|2020-09-07|EPI_ISL_670660|Original|hCoV-19^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelson|Denmark
>Spik|hCoV-19/England/ALDP-9805C4/2020|2020-08-06|EPI_ISL_529540|Original|hCoV-19^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19|USA|NY-NYCPHL-000451/2020|2020-03-23|EPI_ISL_631925|Original|hCoV-19|New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

> Spike|hCoV-19|Switzerland|BL-ETHZ-130012/2020|2020-05-07|EPI_ISL_467006|Original|hCoV-19|Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

> Spike|hCoV-19|Switzerland|BE-ETHZ-120223/2020|2020-04-30|EPI_ISL_468285|Original|hCoV-19|Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

> Spike|hCoV-19|Denmark|DCGC-6068/2020|2020-10-05|EPI_ISL_620262|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Michaelsen|Denmark

> Spike|hCoV-19|USA|UT-UPHL-05593/2020|2020-06-01|EPI_ISL_560894|Original|hCoV-19|Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

> Spike|hCoV-19|Chile|RM-72817/2020|2020-05-22|EPI_ISL_746779|Original|hCoV-19|Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

> Spike|hCoV-19|England|LIVE-AAB70/2020|2020-08-01|EPI_ISL_540601|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

> Spike|hCoV-19|Wales|PHWC-483098/2020|2020-10-23|EPI_ISL_627775|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19|Switzerland|BE-ETHZ-360024/2020|2020-11-10|EPI_ISL_693880|Original|hCoV-19|Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

> Spike|hCoV-19|Hong Kong|HKU-200723-047/2020|2020-07-09|EPI_ISL_497814|Original|hCoV-19|Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China

> Spike|hCoV-19|England|QEUH-A31468/2020|2020-10-05|EPI_ISL_595892|Original|hCoV-19|England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

> Spike|hCoV-19|Iran|SA-Isf-37/2020|2020-07-10|EPI_ISL_672589|Original|hCoV-19|Iran|Human|Infectious Diseases and Tropical Medicine Research Center|Infectious Diseases and Tropical Medicine Research Center|Ahangarzadeh,S.|Iran

> Spike|hCoV-19|England|QEUH-AD07A0/2020|2020-10-23|EPI_ISL_633695|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|Japan|PG-8999/2020|2020-09-00|EPI_ISL_686533|Original|hCoV-19|Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

> Spike|hCoV-19|Brazil|SP-193/2020|2020-04-19|EPI_ISL_523984|Original|hCoV-19|Brazil|S\'o Paulo|Human|Ama Dr Jose Soares Hungria|Instituto Adolfo Lutz|Sacchi|Brazil

> Spike|hCoV-19|Wales|PHWC-49BF90/2020|2020-12-07|EPI_ISL_742488|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19|England|NOTT-11F52C/2020|2020-11-25|EPI_ISL_703794|Original|hCoV-19|England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

> Spike|hCoV-19|Spain|CT-IVB-97009530/2020|2020-10-27|EPI_ISL_671836|Original|hCoV-19|Catalunya|Human|Servicio de Microbiolog\'u00eda|SegCOVID-SPAIN consortium|IVB (CSIC)|Comas|Spain

> Spike|hCoV-19|USA|MI-UM-10035738235/2020|2020-08-31|EPI_ISL_583294|Original|hCoV-19|Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

> Spike|hCoV-19|South Korea|KCDC2119/2020|2020-03-15|EPI_ISL_498020|Original|hCoV-19|South Korea|Human|Division of Virus Diseases|Division of Viral Diseases|Kim|South Korea

> Spike|hCoV-19|England|20188033004/2020|2020-04-30|EPI_ISL_465501|Original|hCoV-19|England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19|England|CAMC-BBFC41|2020|2020-11-21|EPI_ISL_724102|Original|hCoV-19|England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Batston|United Kingdom

>Spikes|hCoV-19|England|ALDP-AA3688|2020|2020-10-22|EPI_ISL_624982|Original|hCoV-19|England|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19|USA|TX-HMH-6799|2020|2020-06-24|EPI_ISL_546251|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spikes|hCoV-19|Poland|PL_P20|2020|2020-04-07|EPI_ISL_451981|Original|hCoV-19|Poland|Malopolska|Human|1. ViroGenetics - BSL3 Laboratory of Virology|1. ViroGenetics - BSL3 Laboratory of Virology|Pyrz|Poland

>Spikes|hCoV-19|England|205260315|2020|2020-12-07|EPI_ISL_766516|Original|hCoV-19|England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spikes|hCoV-19|South Africa|KRISP-K001322|2020|2020-07-18|EPI_ISL_515807|Original|hCoV-19|KwaZulu-Natal|Human|Medical Diagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spikes|hCoV-19|England|LIVE-A72F6|2020|2020-03-28|EPI_ISL_517001|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spikes|hCoV-19|USA|MI-MDHHS-SC20392|2020|2020-03-23|EPI_ISL_452266|Original|hCoV-19|USA|MICH|Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spikes|hCoV-19|Denmark|DGCC-13906|2020|2020-11-30|EPI_ISL_713095|Original|hCoV-19|Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spikes|hCoV-19|Gibraltar|204462827|2020|2020-10-29|EPI_ISL_615002|Original|hCoV-19|Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spikes|hCoV-19|Ireland|CO-NVRL-20G43947|2020|2020-03-27|EPI_ISL_681888|Original|hCoV-19|Ireland|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spikes|hCoV-19|South Africa|KRISP-K002498|2020|2020-08-05|EPI_ISL_535397|Original|hCoV-19|KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spikes|hCoV-19|Japan|NF-09|2020|2020-04-04|EPI_ISL_591479|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spikes|hCoV-19|England|ALDP-9D99DF|2020|2020-09-18|EPI_ISL_576782|Original|hCoV-19|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spikes|hCoV-19|USA|MI-MDHHS-SC20626|2020|2020-04-17|EPI_ISL_462708|Original|hCoV-19|Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spikes|hCoV-19|England|ALDP-9E813F|2020|2020-09-24|EPI_ISL_637571|Original|hCoV-19|England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spikes|hCoV-19|England|ALDP-A9621E|2020|2020-10-19|EPI_ISL_624630|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19|England|ALDP-BC87F5|2020|2020-11-23|EPI_ISL_721417|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spikes|hCoV-19|USA|NM-UNM-00341|2020|2020-05-07|EPI_ISL_508093|Original|hCoV-19|New Mexico|Human|New Mexico Department of Health Scientific Laboratory Division|Center for Global Health|Domman|USA

>Spikes|hCoV-19|England|MILK-A18CDA|2020|2020-10-03|EPI_ISL_627480|Original|hCoV-19|England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
| Kingdom | Originating lab | Human | Department | COVID-19 Genomics UK (COG-UK) consortium | United Kingdom |
|---------|----------------|-------|------------|-----------------------------------------|----------------|
| Scotland | West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| Denmark | | Human | Department of Virus and Microbiological Special Diagnostics | Albertsen Lab | Michaelensen | Denmark |
| USA | NYU Langone Health | Departments of Pathology and Medicine | Maurano | USA |
| Australia | SA Pathology | SA Pathology | Leong | Australia |
| England | Respiratory Virus Unit | Platt | United Kingdom |
| England | University College London | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Moore | United Kingdom |
| England | NYU New York | Departments of Pathology and Medicine | Maurano | USA |
| USA | HHC | 494ESE | 726262 | USA | 19|^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom |
Spike|hCoV-19/Australia/VIC4981/2020|2020-07-13|EPI_ISL_519347|Original|hCoV-19|^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19/USA/IN-QDX-1731/2020|2020-03-17|EPI_ISL_604036|Original|hCoV-19|^Indiana|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
Spike|hCoV-19/DRC/3803/2020|2020-04-24|EPI_ISL_447243|Original|hCoV-19|^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Amuri|Democratic Republic of the Congo
Spike|hCoV-19/England/QEUH-9F903E/2020|2020-09-25|EPI_ISL_588880|Original|hCoV-19|^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/MILK-BB03B0/2020|2020-11-17|EPI_ISL_720337|Original|hCoV-19|^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/England/MILK-9F0FDO/2020|2020-09-25|EPI_ISL_589733|Original|hCoV-19|^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Scotland/CVR5968/2020|2020-11-24|EPI_ISL_705705|Original|hCoV-19|^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
Spike|hCoV-19/USA/WA-S2910/2020|2020-10-05|EPI_ISL_596441|Original|hCoV-19|^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA
Spike|hCoV-19/Australia/VIC805/2020|2020-03-16|EPI_ISL_427079|Original|hCoV-19|^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
Spike|hCoV-19/Scotland/EDB5827/2020|2020-04-27|EPI_ISL_487786|Original|hCoV-19|^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/NORT-28D607/2020|2020-11-18|EPI_ISL_706350|Original|hCoV-19|^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
Spike|hCoV-19/England/20078003804/2020|2020-02-13|EPI_ISL_464169|Original|hCoV-19|^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
Spike|hCoV-19/USA/TX-HMH-7343/2020|2020-06-29|EPI_ISL_546690|Original|hCoV-19|^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/Wales/PHWC-1694BD/2020|2020-04-02|EPI_ISL_499448|Original|hCoV-19|^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/USA/CA-ALSR-2004/2020|2020-05-08|EPI_ISL_635301|Original|hCoV-19|^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
Spike|hCoV-19/Australia/VIC6710/2020|2020-07-24|EPI_ISL_564003|Original|hCoV-19|^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
Spike|hCoV-19/Wales/PHWC-49C7D3/2020|2020-11-18|EPI_ISL_742604|Original|hCoV-19|^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/England/BIRM-60B6E/2020|2020-07-14|EPI_ISL_529391|Original|hCoV-19|^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom
Spike|hCoV-19/England/SHEF-C038B/2020|2020-03-27|EPI_ISL_420185|Original|hCoV-19|^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/England/SHEF-10B30EB/2020|2020-06-09|EPI_ISL_537268|Original|hCoV-19^^England|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/Denmark/DCGC-16360/2020|2020-11-16|EPI_ISL_714722|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spikes|hCoV-19/Australia/VIC6486/2020|2020-07-22|EPI ISL_521264|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spikes|hCoV-19/England/MILK-A7B6E6/2020|2020-10-15|EPI ISL_607509|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/France/PAC-THU-1573/2020|2020-09-02|EPI ISL_569206|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France
>Spikes|hCoV-19/Spain/CM-IBV-003792/2020|2020-04-02|EPI ISL_474818|Original|hCoV-19^^Castilla La Mancha|Human|Complejo Hospitalario Universitario de Albacete|SegovCID-SPAIN consortium|Amato|United Kingdom
>Spikes|hCoV-19/England/LOND-1252046/2020|2020-12-04|EPI ISL_705960|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom
>Spikes|hCoV-19/Northern Ireland/QEUH-95EF85/2020|2020-08-06|EPI ISL_532420|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/England/CAMB-7A854/2020|2020-04-02|EPI ISL_441134|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/Luxembourg/LNS3877129/2020|2020-12-17|EPI ISL_740387|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de s\'ant\'e|Laboratoire national de s\'ant\'\nu00e9|Wieniecke-Balducchino|Luxembourg
>Spikes|hCoV-19/Scotland/CVR3516/2020|2020-05-13|EPI ISL_473656|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spikes|hCoV-19/South Africa/KRISP-101/2020|2020-04-30|EPI ISL_455631|Original|hCoV-19^^KwaZulu-Natal|Human|KRISP|KRISP de Oliveira|South Africa
>Spikes|hCoV-19/Japan/PG-2180/2020|2020-03-05|EPI ISL_685785|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spikes|hCoV-19/Australia/VIC5667/2020|2020-07-19|EPI ISL_518474|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spikes|hCoV-19/England/LEED-2A8624/2020|2020-03-27|EPI ISL_539057|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/USA/AZ-TG371269/2020|2020-05-15|EPI ISL_694528|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA
>Spikes|hCoV-19/Ireland/LH-NVRL-73I1RL70361/2020|2020-09-14|EPI ISL_639852|Original|hCoV-19^^Louth|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland
>Spikes|hCoV-19/Wales/PHWC-165563/2020|2020-05-11|EPI ISL_479417|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spikes|hCoV-19/Australia/VIC9262/2020|2020-08-11|EPI ISL_562671|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spikes|hCoV-19/USA/CA-S1718/2020|2020-06-01|EPI ISL_496144|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spikes|hCoV-19/England/MILK-A46E28/2020|2020-10-06|EPI ISL_598342|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-AE1C9E/2020|2020-10-26|EPI_ISL_633414|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B261AC/2020|2020-11-04|EPI_ISL_646492|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4453/2020|2020-06-16|EPI_ISL_543630|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-B1171B/2020|2020-11-02|EPI_ISL_642483|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9F6EA0/2020|2020-09-27|EPI_ISL_595641|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1727/2020|2020-08-24|EPI_ISL_693653|Original|hCoV-19^^Portugal|Human|Hospital Vila Franca de Xira|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Netherlands/un-EMC-824/2020|2020-12-11|EPI_ISL_763177|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Iran/SA-Isf-7/2020|2020-05-10|EPI_ISL_582014|Original|hCoV-19^^Iran|Human|Infectious Diseases and Tropical Medicine Research Center|Infectious Diseases and Tropical Medicine Research Center|Ahangarzadeh,S.|Iran

>Spike|hCoV-19/England/ALDP-987703/2020|2020-08-08|EPI_ISL_529579|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhans|United Kingdom

>Spike|hCoV-19/England/QEUH-9D0079/2020|2020-09-15|EPI_ISL_590009|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC11033/2020|2020-09-08|EPI_ISL_563212|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-B07DAD/2020|2020-10-29|EPI_ISL_643482|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/APU-TZSPB-183PT/2020|2020-08-28|EPI_ISL_722861|Original|hCoV-19^^Apulia|Human|I.R.C.C.S. \S. De Bellis\ - Ente Ospedaliero|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/USA/WI-UW-2278/2020|2020-11-14|EPI_ISL_728045|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/MI-UM-10034135987/2020|2020-05-07|EPI_ISL_578171|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/201161329/2020|2020-03-12|EPI_ISL_464833|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/20146017804/2020|2020-03-31|EPI_ISL_466035|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-9C602B/2020|2020-09-10|EPI_ISL_567706|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A2576/2020|2020-12-15|EPI_ISL_743907|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-8611/2020|2020-10-26|EPI_ISL_625745|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Speak|hCoV-19/USA/TX-HHH-MCoV-12317/2020|2020-09-25|EPI_ISL_790297|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Speak|hCoV-19/Canada/ON-UHTC_0319/2020|2020-09-02|EPI_ISL_609818|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada
>Speak|hCoV-19/USA/CA-CZB-13878/2020|2020-08-11|EPI_ISL_739616|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA
>Speak|hCoV-19/Denmark/DCGC-17091/2020|2020-12-14|EPI_ISL_750752|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Speak|hCoV-19/USA/VA-S976/2020|2020-04-28|EPI_ISL_463466|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
>Speak|hCoV-19/Spain/MD-IBV-005286/2020|2020-03-15|EPI_ISL_510172|Original|hCoV-19^^Spain consortium/IBV(CSIC)|Comas|Spain
>Speak|hCoV-19/France/PAC-MEPHI-1738/2020|2020-09-16|EPI_ISL_644438|Original|hCoV-19^^Provence-Alpes-Cote-du2019Azur|Human|MEPHI|MEPHI|Levasseur|France
>Speak|hCoV-19/England/MILK-B553AE/2020|2020-11-04|EPI_ISL_657779|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Speak|hCoV-19/Luxembourg/LNS4778833/2020|2020-11-15|EPI_ISL_740543|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de santeu00e9|Laboratoire national de santu00e9|Wienecke-Baldacchino|Luxembourg
>Speak|hCoV-19/England/QEUH-B9F92E/2020|2020-11-18|EPI_ISL_721120|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Speak|hCoV-19/USA/MA-MGH-00841/2020|2020-04-13|EPI_ISL_791793|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA
>Speak|hCoV-19/USA/WI-8U-1500/2020|2020-09-15|EPI_ISL_541627|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Speak|hCoV-19/South Africa/KRISP-K002426/2020|2020-07-29|EPI_ISL_515787|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
>Speak|hCoV-19/England/MILK-B06324/2020|2020-10-24|EPI_ISL_642997|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Speak|hCoV-19/USA/MI-UM-10036556049/2020|2020-10-21|EPI_ISL_640191|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>Speak|hCoV-19/England/MILK-B3C48C/2020|2020-11-01|EPI_ISL_706146|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Speak|hCoV-19/England/BRIS-121D6B/2020|2020-03-31|EPI_ISL_440114|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Speak|hCoV-19/United Arab Emirates/0829/2020|2020-05-19|EPI_ISL_698968|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
>Speak|hCoV-19/USA/CA-CZB-14765/2020|2020-11-05|EPI_ISL_738918|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA
>Spike|hCoV-19/England/QEUH-9F5937/2020|2020-09-25|EPI_ISL_588448|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiky|hCoV-19/England/ALDP-CF122E/2020|2020-12-17|EPI_ISL_782006|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spiky|hCoV-19/USA/1A-ETVTL07/2020|2020-05-07|EPI_ISL_451268|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spiky|hCoV-19/Scotland/QEUH-AD02DC/2020|2020-10-26|EPI_ISL_644051|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiky|hCoV-19/England/ALDP-90321D/2020|2020-06-24|EPI_ISL_552858|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiky|hCoV-19/Wales/PHWC-4A1665/2020|2020-06-04|EPI_ISL_559320|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiky|hCoV-19/USA/TX-HMH-MCoV-18463/2020|2020-11-19|EPI_ISL_784811|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spiky|hCoV-19/England/MILK-B3BB3D/2020|2020-11-02|EPI_ISL_706097|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spiky|hCoV-19/England/ALDP-90321D/2020|2020-06-24|EPI_ISL_552858|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiky|hCoV-19/Denmark/DGCC-8748/2020|2020-10-26|EPI_ISL_626067|Original|hCoV-19^^Rovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albersen lab|Michaelsen|Denmark
>Spiky|hCoV-19/USA/WI-UW-819/2020|2020-05-29|EPI_ISL_509826|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spiky|hCoV-19/England/MILK-A05E9E/2020|2020-09-30|EPI_ISL_599957|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiky|hCoV-19/USA/NY-NUV-VC-014/2020|2020-03-24|EPI_ISL_479668|Original|hCoV-19^^New York|Human|Center for Genomics and System Biology|Center for Genomics and System Biology|Ghedin|USA
>Spiky|hCoV-19/England/ALDP-C22E99/2020|2020-12-06|EPI_ISL_733609|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spiky|hCoV-19/England/CAMC-B3427B/2020|2020-11-05|EPI_ISL_659497|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spiky|hCoV-19/Australia/VIC4210/2020|2020-07-14|EPI_ISL_519538|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spiky|hCoV-19/England/CAMC-AAF968/2020|2020-10-23|EPI_ISL_623397|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiky|hCoV-19/Japan/PG-8380/2020|2020-07-00|EPI_ISL_687479|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spiky|hCoV-19/England/LIVE-A8705/2020|2020-03-26|EPI_ISL_517202|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19|England/MILK-B05343/2020|2020-10-24|EPI_ISL_651341|Original|hCoV-19|England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19|United Arab Emirates/0772/2020|2020-05-15|EPI_ISL_698915|Original|hCoV-19|Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19|Australia/VIC14650/2020|2020-08-04|EPI_ISL_592934|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19|USA/LA-EVTL757/2020|2020-07-20|EPI_ISL_653448|Original|hCoV-19|Louisiana|Human|LSU HS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Wales/PHWC-47FP9C1/2020|2020-10-09|EPI_ISL_612754|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19|USA/NM-DOH-2020616538/2020|2020-12-12|EPI_ISL_751821|Original|hCoV-19|New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Mak|USA

>Spike|hCoV-19/South Korea/KCDC2751/2020|2020-07-19|EPI_ISL_522530|Original|hCoV-19|South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/SHEF-CAAD7/2020|2020-03-26|EPI_ISL_442365|Original|hCoV-19|England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/CAMC-A59639/2020|2020-10-08|EPI_ISL_597073|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20192190204/2020|2020-05-05|EPI_ISL_465606|Original|hCoV-19|England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0354/2020|2020-10-20|EPI_ISL_648293|Original|hCoV-19|Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/USA/OR-OHSU-0091/2020|2020-04-27|EPI_ISL_509060|Original|hCoV-19|Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Brazil/RS-00603/2020|2020-11-23|EPI_ISL_770555|Original|hCoV-19|Rio Grande do Sul|Human|Laborat\[00f3]rio de Microbiologia Molecular - Universidade FEEVALE|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/Wales/PHWC-49601A/2020|2020-11-27|EPI_ISL_726519|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012069730/2020|2020-10-24|EPI_ISL_746226|Original|hCoV-19|Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-6881BC/2020|2020-07-02|EPI_ISL_551819|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH099/2020|2020-03-19|EPI_ISL_434804|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-1155/2020|2020-04-00|EPI_ISL_684765|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/EPI_ISL_658667|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|England|MILK-BAC2F6|2020|2020-11-18|EPI_ISL_720657|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19|Scotland/EDB8594|2020|2020-10-21|EPI_ISL_650819|Original|hCoV-19|Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

Spike|hCoV-19|England/QEUH-BA2B9B|2020|2020-11-18|EPI_ISL_672760|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19|Australia/VIC4949|2020|2020-06-24|EPI_ISL_519322|Original|hCoV-19|Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MUH-Ph|Schultz|Australia

Spike|hCoV-19|England/GSTT-5605|2020|2020-03-22|EPI_ISL_560692|Original|hCoV-19|England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Awan|United Kingdom

Spike|hCoV-19|USA/UT-UPHL-20130995|2020|2020-05-29|EPI_ISL_594070|Original|hCoV-19|Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

Spike|hCoV-19|Japan/PG-6189|2020|2020-08-00|EPI_ISL_689301|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

Spike|hCoV-19|USA/NY-NYUMC800|2020|2020-03-27|EPI_ISL_456036|Original|hCoV-19|New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

Spike|hCoV-19|Japan/PG-3811|2020|2020-06-00|EPI_ISL_692062|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

Spike|hCoV-19|England/HECH-259A0C4|2020|2020-05-18|EPI_ISL_482116|Original|hCoV-19|England|Human|Microbiology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Italy/ABR-IZSGC-TE99752|2020|2020-07-20|EPI_ISL_529014|Original|hCoV-19|Abruzzo|Human|Ospedale Ss. Annunziata|Istituto Zooprofilattico Sperimentale dell’Abruzzo e Molise \G Caporale\|Lorusso|Italy

Spike|hCoV-19|Denmark/DGCC-12315|2020|2020-11-16|EPI_ISL_682496|Original|hCoV-19|Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

Spike|hCoV-19|USA/UT-UPHL-04904|2020|2020-05-26|EPI_ISL_575196|Original|hCoV-19|Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

Spike|hCoV-19|England/ALDP-A66D25|2020|2020-10-12|EPI_ISL_630374|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Switzerland/LU-UZH-IMV101|2020|2020-11-05|EPI_ISL_722203|Original|hCoV-19|Luzern|Human|University Hospital Zurich|Institute of Medical Virology|Huber|Switzerland

Spike|hCoV-19|England/ALDP-CB3756|2020|2020-12-18|EPI_ISL_761919|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19|England/CAMB-79451|2020|2020-04-03|EPI_ISL_441086|Original|hCoV-19|England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

Spike|hCoV-19|Ireland/CE-IVRL-741TRL52231|2020|2020-09-26|EPI_ISL_732517|Original|hCoV-19|Clare|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

Spike|hCoV-19|Denmark/DGCC-19317|2020|2020-12-07|EPI_ISL_748217|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

Spike|hCoV-19|England/QEUH-B6C720|2020|2020-11-10|EPI_ISL_655809|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19|USA/TX-HMH-MCoV-16168|2020|2020-10-28|EPI_ISL_785852|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/C200045767/2020|2020-11-10|EPI_ISL_664072|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spa|hCoV-19/England/QEUH-AAE811/2020|2020-10-22|EPI_ISL_630838|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spa|hCoV-19/England/MILK-B95946/2020|2020-11-13|EPI_ISL_674869|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spa|hCoV-19/England/QEUH-9F3EA3/2020|2020-09-24|EPI_ISL_588611|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spa|hCoV-19/USA/AL-CDC-2-3714551/2020|2020-11-04|EPI_ISL_751668|Original|hCoV-19^^Alabama|Human|AL Dept. of Public Health Bureau of Clinical Laboratories|Genomics and Discovery|Queen|USA
>Spa|hCoV-19/Australia/VIC13889/2020|2020-09-11|EPI_ISL_563865|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spa|hCoV-19/USA/LA-EVTLL129/2020|2020-12-07|EPI_ISL_768398|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spa|hCoV-19/Japan/PG-8946/2020|2020-08-00|EPI_ISL_686492|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
>Spa|hCoV-19/USA/CA-CZB-14226/2020|2020-11-13|EPI_ISL_739175|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA
>Spa|hCoV-19/USA/CA-CZB-3747/2020|2020-07-24|EPI_ISL_548462|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA
>Spa|hCoV-19/Netherlands/ZH-EMC-557/2020|2020-09-20|EPI_ISL_577985|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spa|hCoV-19/Denmark/DCGC-21925/2020|2020-12-21|EPI_ISL_757795|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelesen|Denmark
>Spa|hCoV-19/Denmark/DCGC-15851/2020|2020-11-23|EPI_ISL_714060|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelesen|Denmark
>Spa|hCoV-19/USA/CA-ALSR-4313/2020|2020-10-06|EPI_ISL_648962|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spa|hCoV-19/Denmark/DCGC-18541/2020|2020-12-07|EPI_ISL_750031|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelesen|Denmark
>Spa|hCoV-19/England/MILK-66C93E/2020|2020-07-03|EPI_ISL_558096|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spa|hCoV-19/Wales/PHWC-48EC20/2020|2020-11-09|EPI_ISL_680980|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spa|hCoV-19/Sweden/20-08168/2020|2020-03-12|EPI_ISL_450834|Original|hCoV-19^^Halland|Human|Klinik mikrobiologi och vardhygien Halmstad|The Public Health Agency of Sweden|Svartstru|00f6m|Sweden
>Spa|hCoV-19/Scotland/EDB1448/2020|2020-04-12|EPI_ISL_433451|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spa|hCoV-19/Switzerland/BL-ETHZ-420195/2020|2020-12-19|EPI_ISL_768078|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/Scotland/QEUH-A9E94E/2020|2020-10-20|EPI_ISL_625351|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/MILK-A6BBDB/2020|2020-10-09|EPI_ISL_608741|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Belgium/ULG-8532/2020|2020-03-19|EPI_ISL_418635|Original|hCoV-19^^Li|u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
>Spik|hCoV-19/Scotland/QEUH-P19/2020|2020-05-11|EPI_ISL_568774|Original|hCoV-19^^Mombasa|Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMRC Kilifi|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMRC Kilifi|Githinji|Kenya
>Spik|hCoV-19/England/MILK-A7B33A/2020|2020-10-14|EPI_ISL_607327|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Scotland/CSIR-289/2020|2020-03-19|EPI_ISL_482637|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/ALDP-4A44A4/2020|2020-06-03|EPI ISL_559505|Original|hCoV-19
**England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

*Spike|hCoV-19/England/QEUH-B6750D/2020|2020-11-11|EPI ISL_662613|Original|hCoV-19
**England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

*Spike|hCoV-19/USA/NY-NYUMC488/2020|2020-03-18|EPI ISL_436736|Original|hCoV-19
**New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

*Spike|hCoV-19/Switzerland/BL-ETHZ-300237/2020|2020-10-01|EPI ISL_603270|Original|hCoV-19
**Basel-Landschaft|Human|Viollier AG|Department of Biosisystems Science and Engineering|Nadeau|Switzerland

*Spike|hCoV-19/Denmark/DCGC-19219/2020|2020-12-07|EPI ISL_748822|Original|hCoV-19
**Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

*Spike|hCoV-19/Portugal/PT1423/2020|2020-03-27|EPI ISL_511382|Original|hCoV-19
**Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

*Spike|hCoV-19/Norway/2831/2020|2020-06-30|EPI ISL_493384|Original|hCoV-19
**Norway|Human|Hospital of Southern Norway - Kristiansand|Norwegian Institute of Public Health|Kopperud Riis|Norway

*Spike|hCoV-19/England/QEUH-AD11FC/2020|2020-10-26|EPI ISL_633811|Original|hCoV-19
**Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

*Spike|hCoV-19/England/ALDP-A6E956/2020|2020-10-15|EPI ISL_607764|Original|hCoV-19
**England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

*Spike|hCoV-19/Wales/PHWC-27B3F/2020|2020-03-30|EPI ISL_432222|Original|hCoV-19
**Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

*Spike|hCoV-19/Netherlands/LI-EMC-152/2020|2020-11-24|EPI ISL_763120|Original|hCoV-19
**North Holland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

*Spike|hCoV-19/England/CAMC-B07CDD/2020|2020-10-29|EPI ISL_643788|Original|hCoV-19
**England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

*Spike|hCoV-19/USA/TX-HMH-4495/2020|2020-06-19|EPI ISL_543667|Original|hCoV-19
**Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

*Spike|hCoV-19/England/QEUH-B9F6DC/2020|2020-11-18|EPI ISL_721031|Original|hCoV-19
**England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

*Spike|hCoV-19/Denmark/DCGC-15304/2020|2020-11-23|EPI ISL_713753|Original|hCoV-19
**Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

*Spike|hCoV-19/USA/MN-MDH-2119/2020|2020-10-30|EPI ISL_683748|Original|hCoV-19
**Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

*Spike|hCoV-19/USA/ID-UW-6473/2020|2020-04-02|EPI ISL_437838|Original|hCoV-19
**Idaho|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

*Spike|hCoV-19/USA/HI-H200694/2020|2020-12-01|EPI ISL_753216|Original|hCoV-19
**Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

*Spike|hCoV-19/USA/MA-MGH-00080/2020|2020-03-25|EPI ISL_460122|Original|hCoV-19
**Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA
>Spike|hCoV-19/England/CAMB-1BA6C6/2020|2020-11-11|EPI_ISL_664993|Original|hCoV-19\(^\text{i}\)|England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spikex|hCoV-19/Japan/PG-3415/2020|2020-04-00|EPI_ISL_690626|Original|hCoV-19\(^\text{k}\)|Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spikex|hCoV-19/USA/UT-04171/2020|2020-05-14|EPI_ISL_498681|Original|hCoV-19\(^\text{a}\)|Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spikex|hCoV-19/USA/LA-EVTL765/2020|2020-07-21|EPI_ISL_653456|Original|hCoV-19\(^\text{b}\)|Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spix|hCoV-19/New Zealand/20VR2577/2020|2020-03-26|EPI_ISL_579308|Original|hCoV-19\(^\text{c}\)|New Zealand|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spix|hCoV-19/England/EXET-138B1C/2020|2020-10-20|EPI_ISL_626730|Original|hCoV-19\(^\text{d}\)|England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Tempterton|United Kingdom

>Spix|hCoV-19/England/NOTT-10B195/2020|2020-03-18|EPI_ISL_425505|Original|hCoV-19\(^\text{e}\)|England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spix|hCoV-19/England/LOND-D49EC/2020|2020-04-10|EPI_ISL_444166|Original|hCoV-19\(^\text{f}\)|England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spix|hCoV-19/Portugal/PT0381/2020|2020-03-20|EPI_ISL_454097|Original|hCoV-19\(^\text{g}\)|Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spix|hCoV-19/USA/CA-ALSR-0696-SAN/2020|2020-03-29|EPI_ISL_483307|Original|hCoV-19\(^\text{h}\)|California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spix|hCoV-19/England/QEUVH-AD11CF/2020|2020-10-26|EPI_ISL_633963|Original|hCoV-19\(^\text{i}\)|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spix|hCoV-19/England/QEUVH-9B53CC/2020|2020-09-03|EPI_ISL_590429|Original|hCoV-19\(^\text{j}\)|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spix|hCoV-19/England/C200041976/2020|2020-11-26|EPI_ISL_649789|Original|hCoV-19\(^\text{k}\)|England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spix|hCoV-19/USA/UT-UPHL-2012704031/2020|2020-11-30|EPI_ISL_746460|Original|hCoV-19\(^\text{l}\)|Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spix|hCoV-19/USA/CA-CZB086/2020|2020-03-28|EPI_ISL_429033|Original|hCoV-19\(^\text{m}\)|California|Human|UCSF Clinical Microbiology Laboratory|Chen-Zuckerberg Biohub|Kamm|USA

>Spix|hCoV-19/Singapore/579/2020|2020-04-06|EPI_ISL_483602|Original|hCoV-19\(^\text{n}\)|Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spix|hCoV-19/USA/CA-CHLA-PLM17644749/2020|2020-12-09|EPI_ISL_753661|Original|hCoV-19\(^\text{o}\)|California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spix|hCoV-19/England/ALDP-950B16/2020|2020-06-14|EPI_ISL_554445|Original|hCoV-19\(^\text{p}\)|England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spix|hCoV-19/Denmark/DGCC-19777/2020|2020-12-07|EPI_ISL_747781|Original|hCoV-19\(^\text{q}\)|Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelson|Denmark

>Spix|hCoV-19/England/MILK-9D3B57/2020|2020-09-18|EPI_ISL_601756|Original|hCoV-19\(^\text{r}\)|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Denmark|DCGC-20888|2020|2020-12-21|EPI_ISL_758706|Original|hCoV-19
^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albersen Lab|Michaelelsen|Denmark

>Spik|hCoV-19|England|CAMB-1B2F1E|2020|2020-05-20|EPI_ISL_456736|Original|hCoV-19
^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spik|hCoV-19|England|MILK-B94A17|2020|2020-11-13|EPI_ISL_676071|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spik|hCoV-19|England|BRIS-12BA97|2020|2020-05-18|EPI_ISL_469386|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Meredith|United Kingdom

>Spik|hCoV-19|USA|MI-UM-10036381403|2020|2020-10-10|EPI_ISL_596621|Original|hCoV-19
^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spik|hCoV-19|Spain|MD-H12-97|2020|2020-04-18|EPI_ISL_530023|Original|hCoV-19
^Madrid|Human|Hospital Universitario 12 de Octubre|Hospital Universitario 12 de Octubre|Viedma|Spain

>Spik|hCoV-19|Wales|PHWC-497B72|2020|2020-11-23|EPI_ISL_726940|Original|hCoV-19
^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spik|hCoV-19|England|CAMC-A581DF|2020|2020-10-07|EPI_ISL_597078|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom

>Spik|hCoV-19|Japan|PG-4717|2020|2020-07-00|EPI_ISL_689853|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spik|hCoV-19|Denmark|DCGC-8013|2020|2020-10-26|EPI_ISL_617117|Original|hCoV-19
^Midttjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albersen lab|Michaelesen|Denmark

>Spik|hCoV-19|England|ALDP-A517C5|2020|2020-10-07|EPI_ISL_597992|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom

>Spik|hCoV-19|Wales|PHWC-4832DE|2020|2020-10-05|EPI_ISL_627799|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spik|hCoV-19|Northern Ireland|NIRE-2346B4|2020|2020-10-14|EPI_ISL_680422|Original|hCoV-19
^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spik|hCoV-19|Scotland|QEHU-9DD3DD|2020|2020-09-22|EPI_ISL_599742|Original|hCoV-19
^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom

>Spik|hCoV-19|USA|MI-MDHHS-SC20385|2020|2020-03-24|EPI_ISL_450596|Original|hCoV-19
^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spik|hCoV-19|Wales|PHWC-486F6B|2020|2020-10-27|EPI_ISL_639152|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spik|hCoV-19|England|ALDP-9BD9FF|2020|2020-09-09|EPI_ISL_567939|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom

>Spik|hCoV-19|Japan|PG-7297|2020|2020-08-00|EPI_ISL_688400|Original|hCoV-19
^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spik|hCoV-19|England|MILK-B8659F|2020|2020-11-14|EPI_ISL_673936|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spik|hCoV-19|USA|CA-ALSR-0701-SAN|2020|2020-03-28|EPI_ISL_483312|Original|hCoV-19
^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA
| Location | Type | Organization | Details |
|----------|------|--------------|---------|
| England | Human | Biohub | Biohub | Spike|hCoV-19/England/MILK-B3DBD1/2020|2020-11-02|EPI_ISL_706247|Original|hCoV-19|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom |
| Wales | Human | Pathogen Genomics Center | Spike|hCoV-19/Wales/PHWC-49344E/2020|2020-11-29|EPI_ISL_725887|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom |
| England | Human | Oxford Viromics | Spike|hCoV-19/England/OXON-AF65C/2020|2020-04-13|EPI_ISL_478759|Original|hCoV-19|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom |
| Sweden | Human | The Public Health Agency of Sweden | Spike|hCoV-19/Sweden/Human/Stockholm|2020-10-17|EPI_ISL_648152|Original|hCoV-19|Sweden|Human|Stockholm|The Public Health Agency of Sweden|Svartstru00f6m|Sweden |
| USA | Human | Mayo Clinic & Mayo Clinic Laboratories | Spike|hCoV-19/USA/MN-MDH-1454/2020|2020-06-22|EPI_ISL_515263|Original|hCoV-19|Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA |
| Wales | Human | Wales Specialist Virology Centre | Spike|hCoV-19/Wales/Human/Wales Specialist Virology Centre | COVID-19 Genomics UK (COG-UK) Cardiff|Moore|United Kingdom |
| England | Human | University College London | Spike|hCoV-19/England/LOND-1263BF6/2020|2020-11-10|EPI_ISL_679480|Original|hCoV-19|England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Royle|United Kingdom |
| Sichuan | Human | West China Hospital of Sichuan University | Spike|hCoV-19/Sichuan/SC-PRHC2-038/2020|2020-02-03|EPI_ISL_451358|Original|hCoV-19|Sichuan|Human|West China Hospital of Sichuan University|State Key Laboratory of Biotherapy of Sichuan University|Tang|China |
| Germany | Human | ZOTZ KLINAS MVZ D\u00fcseldorf-Centrum Gbr | Spike|hCoV-19/Germany/NW-HHU-460/2020|2020-12-11|EPI_ISL_770694|Original|hCoV-19|North Rhine-Westphalia|Human|ZOTZ KLINAS MVZ D\u00fcseldorf-Centrum Gbr |
| England | Human | Pathogen Genomics Center | Spike|hCoV-19/England/ALDP-BCA4A1/2020|2020-11-23|EPI_ISL_703257|Original|hCoV-19|England|Human|Pathogen Genomics Center|Sekizuka|Japan |
| England | Human | Lighthouse Lab in Alderley Park | Spike|hCoV-19/England/France/ARA-SC022/2020|2020-03-20|EPI_ISL_629089|Original|hCoV-19|California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA |
| Japan | Human | Laboratoire du Centre Hospitalier Annecy Genevois | Spike|hCoV-19/Japan/PG-1634/2020|2020-03-00|EPI_ISL_685240|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan |
| England | Human | Pathogen Genomics Center | Spike|hCoV-19/England/ALDP-BCA4A1/2020|2020-11-23|EPI_ISL_703257|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom |
| France | Human | Laboratoire du Centre Hospitalier Annecy Genevois | Spike|hCoV-19/France/ARA-SC022/2020|2020-03-20|EPI_ISL_629089|Original|hCoV-19|France|Human|Laboratoire du Centre Hospitalier Annecy Genevois |CNR Virus des Infections Respiratoires - France SUD|Bal|France |
| California | Human | UCSF Clinical Microbiology Laboratory | Spike|hCoV-19/USA/CA-CZB-3953/2020|2020-07-28|EPI_ISL_548505|Original|hCoV-19|California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA |
| Texas | Human | Houston Methodist Hospital | Spike|hCoV-19/USA/TX-HMH-MCOV-9418/2020|2020-07-03|EPI_ISL_780562|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA |
| New Jersey | Human | Quest Diagnostics | Spike|hCoV-19/USA/NJ-QDX-23/2020|2020-03-15|EPI_ISL_467879|Original|hCoV-19|New Jersey|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA |
| England | Human | Lighthouse Lab in Cambridge | Spike|hCoV-19/England/CAMC-B513A2/2020|2020-11-06|EPI_ISL_657897|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom |
| Portugal | Human | Instituto Nacional de Saude (INSA) | Spike|hCoV-19/Portugal/PT0625/2020|2020-03-27|EPI_ISL_454348|Original|hCoV-19|Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal |
| Texas | Human | Houston Methodist Hospital | Spike|hCoV-19/USA/TX-HMH-MCOV-12270/2020|2020-09-23|EPI_ISL_790276|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA |
| England | Human | Department of Pathology | Spike|hCoV-19/England/CAMB-1B6AA0/2020|2020-10-08|EPI_ISL_612270|Original|hCoV-19|England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom |
| Japan | Human | Fukuoka Institute of Health and Environmental Sciences | Spike|hCoV-19/Japan/PG-8450/2020|2020-09-09|EPI_ISL_687549|Original|hCoV-19|Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan |
>Spike|hCoV-19|England/ALDP-649D77/2020|2020-07-04|EPI_ISL_558046|Original|hCoV-19
>>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19|USA/WI-UW-2050|2020-10-02|EPI_ISL_677455|Original|hCoV-19
>>>Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spikes|hCoV-19|Australia/VIC2170|2020-06-23|EPI_ISL_521919|Original|hCoV-19
>>>Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spikes|hCoV-19|Denmark/DCGC-21518/2020|2020-12-21|EPI_ISL_757745|Original|hCoV-19
>>Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spikes|hCoV-19|England/LAUL-53249/2020|2020-08-13|EPI_ISL_637110|Original|hCoV-19
>>Beirut|Human|Rafik Hariri University Hospital|Microbial Pathogenomics Lab|Merhi|Lebanon

>Spikes|hCoV-19|Switzerland/GE-HUG-06207/2020|2020-03-06|EPI_ISL_415706|Original|hCoV-19
>>Geneve|Human|University Hospitals of Geneva Laboratory of Virology|University Hospitals of Geneva Laboratory of Virology|Cordey|Switzerland

>Spikes|hCoV-19|Uganda/UG079/2020|2020-09-05|EPI_ISL_737990|Original|hCoV-19
>>Uganda|Human|Uganda Central Public Health Lab and Uganda Virus Research Institute|MRC/UVRI & LSHTM Uganda|u00a0Research Unit|Cotten|Uganda

>Spikes|hCoV-19|Wales/PHWC-328FE/2020|2020-04-15|EPI_ISL_474365|Original|hCoV-19
>>Wales|Human|Originating labs|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spikes|hCoV-19|Ireland/CE-UHL96/2020|2020-05-19|EPI_ISL_681718|Original|hCoV-19
>>Clare|Human|University Hospital Limerick|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spikes|hCoV-19|Wales/PHWC-489E5C/2020|2020-11-04|EPI_ISL_652499|Original|hCoV-19
>>Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spikes|hCoV-19|England/QEUH-9F5524/2020|2020-09-25|EPI_ISL_588589|Original|hCoV-19
>>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19|England/QEUH-B9FFB3/2020|2020-11-18|EPI_ISL_719721|Original|hCoV-19
>>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spikes|hCoV-19|England/BIRM-67B42/2020|2020-11-04|EPI_ISL_651629|Original|hCoV-19
>>England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spikes|hCoV-19|Canada/ON-UHTC_0396/2020|2020-11-24|EPI_ISL_698092|Original|hCoV-19
>>Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spikes|hCoV-19|Chile/RM-ISPC/6-2020|2020-03-09|EPI_ISL_445249|Original|hCoV-19
>>Region Metropolitana de Santiago|Human|CLINICA SANTA MARIA S.A.|Instituto de Salud Publica de Chile|Fernandez|Chile

>Spikes|hCoV-19|USA/TX-DSHS-0894/2020|2020-06-16|EPI_ISL_610030|Original|hCoV-19
>>>Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spikes|hCoV-19|Denmark/DCGC-5021/2020|2020-09-14|EPI_ISL_622752|Original|hCoV-19
>>Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spikes|hCoV-19|England/ALDP-8FC852/2020|2020-06-24|EPI_ISL_556988|Original|hCoV-19
>>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikes|hCoV-19|USA/NY-NYCFHL-000588/2020|2020-03-10|EPI_ISL_632046|Original|hCoV-19
>>New York|Human|New York Presbyterian-Brooklyn Methodist Hospital|New York City Public Health Laboratory|Wang|USA
Spike|hCoV-19/England/QEUH-AD1E6E/2020|2020-10-26|EPI_ISL_634606|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/SHEF-C4E86/2020|2020-10-11|EPI_ISL_612084|Original|hCoV-19|England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
Spike|hCoV-19/England/BRIS-128924/2020|2020-04-13|EPI_ISL_458865|Original|hCoV-19|England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Germany/SN-ChVir-W1276-4387/2020|2020-04-15|EPI_ISL_754053|Original|hCoV-19|Germany|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
Spike|hCoV-19/England/EXET-13E518/2020|2020-00-00|EPI_ISL_724325|Original|hCoV-19|England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
Spike|hCoV-19/USA/WI-1232/2020|2020-08-17|EPI_ISL_536605|Original|hCoV-19|Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
Spike|hCoV-19/Iceland/320/2020|2020-03-18|EPI_ISL_417649|Original|hCoV-19|Reykjavik|Human|The National University Hospital of Iceland|deCODE genomics|J\u00e4tsmedizin Berlin|Charite\u00e4 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany
Spike|hCoV-19/France/ARA97420/2020|2020-10-30|EPI_ISL_639986|Original|hCoV-19|Auvergne-Rhone-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France
Spike|hCoV-19/England/NORT-2978C8/2020|2020-04-21|EPI_ISL_490468|Original|hCoV-19|England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust | North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust | COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/United Arab Emirates/0293/2020|2020-11|EPI_ISL_725993|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|deCODE genomics|J\u00e4tsmedizin Berlin|Charite\u00e4 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany
Spike|hCoV-19/England/UK|2020|EPI_ISL_708024|Original|hCoV-19|England|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
Spike|hCoV-19/Portugal/PT1407/2020|2020-03-25|EPI_ISL_511366|Original|hCoV-19|Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal
Spike|hCoV-19/USA/TX-HMH-5572/2020|2020-06-25|EPI_ISL_544870|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/England/ALDP-B248F4/2020|2020-11-04|EPI_ISL_646873|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
Spike|hCoV-19/South Africa/KRISP-K003492/2020|2020-09-14|EPI_ISL_602822|Original|hCoV-19|KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
Spike|hCoV-19/USA/TX-HMH-MCoV-8908/2020|2020-07-02|EPI_ISL_780824|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19/Poland/27246/2020|2020-11-00|EPI_ISL_732923|Original|hCoV-19|Poland|Human|genXone SA|genXone SA|Kaszuba|Poland
Spike|hCoV-19/Netherlands/Gelderland_130/2020|2020-00-00|EPI_ISL_460891|Original|hCoV-19|Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
Spike|hCoV-19/England/ALDP-B23FE1/2020|2020-11-04|EPI_ISL_646279|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/NORT-295C19/2020|2020-04-04|EPI_ISL_478658|Original|hCoV-19^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

Spike|hCoV-19/Japan/PG-5029/2020|2020-07-00|EPI_ISL_690140|Original|hCoV-19^Japan|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

Spike|hCoV-19/USA/TX-HMH-MCoV-19308/2020|2020-11-26|EPI_ISL_785296|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19/Wales/PHWC-498B9F/2020|2020-10-18|EPI_ISL_727180|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19/Australia/VIC12663/2020|2020-07-25|EPI_ISL_640574|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

Spike|hCoV-19/England/ALDP-94EF6A/2020|2020-06-17|EPI_ISL_556497|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/QUEUH-9E3E88/2020|2020-09-24|EPI_ISL_579881|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/United Arab Emirates/0090/2020|2020-05-15|EPI_ISL_698282|Original|hCoV-19^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrozdzki|United Arab Emirates

Spike|hCoV-19/Wales/PHWC-4897F7/2020|2020-10-31|EPI_ISL_639621|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|Wales|United Kingdom

Spike|hCoV-19/England/BIRM-5E80B/2020|2020-03-24|EPI_ISL_444305|Original|hCoV-19^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

Spike|hCoV-19/Canada/ON_VIDO-01/2020|2020-01-23|EPI_ISL_413015|Vero P3|hCoV-19^Ontario|Human|Public Health Ontario Laboratory|National Microbiology Laboratory|Majer|Canada

Spike|hCoV-19/Ghana/2573_S27/2020|2020-03-29|EPI_ISL_515082|Original|hCoV-19^Ghana|Human|Department of Biochemistry|WACCBP|Amuzu|Ghana

Spike|hCoV-19/Norway/2974/2020|2020-07-27|EPI_ISL_549100|Original|hCoV-19^Oslo|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Kopperud Riis|Norway

Spike|hCoV-19/Canada/BC_18604452/2020|2020-04-00|EPI_ISL_469210|Original|hCoV-19^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

Spike|hCoV-19/England/CAMC-BOAFE0/2020|2020-10-29|EPI_ISL_643424|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/USA/TX-HMH-1399/2020|2020-04-13|EPI_ISL_542697|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19/Netherlands/Utrecht_34/2020|2020-04-27|EPI_ISL_461232|Original|hCoV-19^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

Spike|hCoV-19/Wales/PHWC-48554C/2020|2020-10-22|EPI_ISL_628189|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|Wales|United Kingdom

Spike|hCoV-19/Australia/VIC643/2020|2020-03-28|EPI_ISL_426939|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
Spike|hCoV-19|England/MILK-9D4A59/2020|2020-09-19|EPI_ISL_601535|Original|hCoV-
19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Canada/ON-S1838/2020|2020-11-24|EPI_ISL_729302|Original|hCoV-
19|Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
>Spike|hCoV-19|England/ALDP-5CF9EF/2020|2020-06-20|EPI_ISL_558615|Original|hCoV-
19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Australia/VIC5862/2020|2020-07-19|EPI_ISL_518655|Original|hCoV-
19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19|USA/CT-UW-6807/2020|2020-04-09|EPI_ISL_570148|Original|hCoV-
19|Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19|England/ALDP-5CF9EF/2020|2020-11-18|EPI_ISL_719963|Original|hCoV-
19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Canada/ON-S1537/2020|2020-09-01|EPI_ISL_755910|Original|hCoV-
19|Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
>Spike|hCoV-19|USA/CT-UW-1782/2020|2020-03-22|EPI_ISL_424262|Original|hCoV-
19|Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19|England/ALDP-5CF9EF/2020|2020-10-01|EPI_ISL_587647|Original|hCoV-
19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/MILK-AC7D6E/2020|2020-10-21|EPI_ISL_629188|Original|hCoV-
19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/NY-Wadsworth-292779-01/2020|2020-12-25|EPI_ISL_769948|Original|hCoV-
19|New York|Human|Albany Medical Center Hospital Clinical Laboratories|Wadsworth Center|Lasek-Nesselquist|USA
>Spike|hCoV-19|England/LIVE-9A4B4/2020|2020-03-25|EPI_ISL_449337|Original|hCoV-
19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) consortium|Haldenby|United Kingdom
>Spike|hCoV-19|USA/TX-HMH-7679/2020|2020-06-26|EPI_ISL_546934|Original|hCoV-
19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|USA/WI-UW-2665/2020|2020-12-29|EPI_ISL_791178|Original|hCoV-
19|Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA
>Spike|hCoV-19|England/ALDP-CB597C/2020|2020-12-18|EPI_ISL_761736|Original|hCoV-
19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/ALDP-95108F/2020|2020-06-13|EPI_ISL_554270|Original|hCoV-
19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Canada/ON-S268/2020|2020-03-27|EPI_ISL_755843|Original|hCoV-
19|Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
>Spike|hCoV-19|England/20190621/2020|2020-03-08|EPI_ISL_464594|Original|hCoV-
19|England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEHU-4093B/2020|2020-11-08|EPI_ISL_657272|Original|hCoV-19**England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-14832/2020|2020-11-23|EPI_ISL_712015|Original|hCoV-19**Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Spain/MD-IBV-99012461/2020|2020-11-19|EPI_ISL_780088|Original|hCoV-19**Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1o|Leín|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
>Spike|hCoV-19/Netherlands/OV-RIVM-20152/2020|2020-11-27|EPI_ISL_723322|Original|hCoV-19**Overijssel|Human|COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spike|hCoV-19/Wales/FHWC-16AB20/2020|2020-09-10|EPI_ISL_560157|Original|hCoV-19**Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC10536/2020|2020-08-25|EPI_ISL_562951|Original|hCoV-19**Victoria|Human|Victoria Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/20172059204/2020|2020-04-21|EPI_ISL_465370|Original|hCoV-19**England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/England/MILK-ACD8C1/2020|2020-10-22|EPI_ISL_630109|Original|hCoV-19**England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-A7B28B/2020|2020-10-14|EPI_ISL_607526|Original|hCoV-19**England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/NSW2241/2020|2020-03-22|EPI_ISL_509516|Original|hCoV-19**New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia
>Spike|hCoV-19/Slovenia/7727/2020|2020-03-15|EPI_ISL_635244|Original|hCoV-19**Slovenia|Human|Institute of Microbiology and Immunology|Institute of Microbiology and Immunology|Zakotnik|Slovenia
>Spike|hCoV-19/USA/CA-CDCPH296/2020|2020-12-04|EPI_ISL_755114|Original|hCoV-19**California|Human|California Department of Public Health|California Department of Public Health|Bell|USA
>Spike|hCoV-19/England/204381353/2020|2020-10-22|EPI_ISL_649856|Original|hCoV-19**England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-12319/2020|2020-09-25|EPI_ISL_790299|Original|hCoV-19**Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Denmark/ALAB-SS1-1008/2020|2020-03-31|EPI_ISL_437628|Original|hCoV-19**Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/MD-MDH-0393/2020|2020-11-02|EPI_ISL_660087|Original|hCoV-19**Maryland|Human|MD PHL|MD PHL|Keller|USA
>Spike|hCoV-19/Denmark/DCGC-16375/2020|2020-11-16|EPI_ISL_714732|Original|hCoV-19**Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Wales/ALDP-BB4F5E/2020|2020-11-20|EPI_ISL_710723|Original|hCoV-19**Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-B26106/2020|2020-11-04|EPI_ISL_646605|Original|hCoV-19**England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/NY-Wadsworth-233575-01/2020|2020-10-01|EPI_ISL_734310|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
>Sp"ke|hCoV-19/Canada/QC-LSPQ-L00241433/2020|2020-03-27|EPI_ISL_536279|Original|hCoV-19^^Quebec|Human|Hôpital Charles-LeMoyne|Laboratoire de santé u00e9 publique du Qu"u00e9bec|Moreira|Canada
>Sp"ke|hCoV-19/USA/MI-MDHHS-SC20797/2020|2020-04-29|EPI_ISL_471818|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Sp"ke|hCoV-19/England/QEUEUH-9904F1/2020|2020-08-29|EPI_ISL_530384|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp"ke|hCoV-19/Denmark/DDGC-4474/2020|2020-09-14|EPI_ISL_615659|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Mikaelsen|Denmark
>Sp"ke|hCoV-19/England/ALDP-9BE2C6/2020|2020-09-10|EPI_ISL_568217|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp"ke|hCoV-19/Japan/PG-0681/2020|2020-04-00|EPI_ISL_684291|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Sp"ke|hCoV-19/England/QEUH-B42508/2020|2020-11-08|EPI_ISL_657110|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Sp"ke|hCoV-19/Japan/PG-4677/2020|2020-08-00|EPI_ISL_689814|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan
>Sp"ke|hCoV-19/England/QEUH-CDF4C6/2020|2020-12-26|EPI_ISL_782206|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Sp"ke|hCoV-19/USA/IL-NM-0885/2020|2020-05-22|EPI_ISL_626482|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA
>Sp"ke|hCoV-19/Spain/VC-IBV-98003110/2020|2020-03-15|EPI_ISL_538046|Original|hCoV-19^^Comunitat Valenciana|Human|Hospital Universitari i Polit u00e0nic La Fe de Val\u00e8ncia|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>Sp"ke|hCoV-19/Northern Ireland/QEUEUH-963F05/2020|2020-08-12|EPI_ISL_536873|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp"ke|hCoV-19/England/MILK-BB23EB/2020|2020-11-18|EPI_ISL_720110|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Sp"ke|hCoV-19/USA/MI-MDHHS-SC21978/2020|2020-03-16|EPI_ISL_566028|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Sp"ke|hCoV-19/Japan/PG-2539/2020|2020-05-00|EPI_ISL_690674|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Sp"ke|hCoV-19/Japan/PG-0917/2020|2020-04-00|EPI_ISL_684527|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Sp"ke|hCoV-19/Spain/AR-IBV-98008045/2020|2020-09-30|EPI_ISL_654416|Original|hCoV-19^^Aragon|Human|Servicio de Microbiologia\u00eda\u00eda de SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>Sp"ke|hCoV-19/England/QEUH-9EE3F2B/2020|2020-09-24|EPI_ISL_579803|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp"ke|hCoV-19/Denmark/DDGC-12654/2020|2020-11-16|EPI_ISL_682835|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Mikaelsen|Denmark
> Spike|hCoV-19|England|MILK-B02BF3/2020|2020-10-24|EPI_ISL_642848|Original|hCoV-19
> "England"|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVId-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/Oman/205041374/2020|2020-06-04|EPI_ISL_492016|Original|hCoV-19
> "Muscat"|Human|Oman-NIC|Department of u00a0Microbiology\u00a0and Immunology-SQUH|AL Zadjali|Oman
> Spike|hCoV-19/USA/MI-UM-10036736854/2020|2020-11-02|EPI ISL_682162|Original|hCoV-19
> "Michigan"|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
> Spike|hCoV-19/Switzerland/GR-ETHZ-100813/2020|2020-03-26|EPI ISL_451763|Original|hCoV-19
> "Graz"|Human|Microbiology and Chemical Engineering|Nadeau|Switzerland
> Spike|hCoV-19/England/LONDON-124F941/2020|2020-03-28|EPI ISL_665179|Original|hCoV-19
> "England"|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom
> Spike|hCoV-19/England/ALDP-9533EE/2020|2020-06-11|EPI ISL_554544|Original|hCoV-19
> "England"|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/UT-UPHL-201126219/2020|2020-04-07|EPI ISL_648569|Original|hCoV-19
> "Utah"|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
> Spike|hCoV-19/England/QEUH-987658/2020|2020-09-08|EPI ISL_590595|Original|hCoV-19
> "England"|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Denmark/DGCC-11729/2020|2020-10-26|EPI ISL_671099|Original|hCoV-19
> "Midtjylland"|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
> Spike|hCoV-19/England/ALDP-99C844/2020|2020-08-31|EPI ISL_550555|Original|hCoV-19
> "England"|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Romania/USAFSAM-S555/2020|2020-11-28|EPI ISL_738336|Original|hCoV-19
> "Romania"|Human|Landstuhl Regional Medical Center|United States Air Force School of Aerospace Medicine|Fries|Romania
> Spike|hCoV-19/India/GJ-GBRC191a/2020|2020-06-05|EPI ISL_469034|Original|hCoV-19
> "Gujarat"|Human|Government Medical College|Gujarat Biotechnology Research Centre|Joshi|India
> Spike|hCoV-19/Luxembourg/LNS2681852/2020|2020-12-02|EPI ISL_771008|Original|hCoV-19
> "Luxembourg"|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9
> Spike|hCoV-19/Wales/QEUH-B3F9B7/2020|2020-11-08|EPI ISL_710884|Original|hCoV-19
> "Wales"|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
> Spike|hCoV-19/South Africa/KRISP-K001118/2020|2020-07-16|EPI ISL_509364|Original|hCoV-19
> "KwaZulu-Natal"|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
> Spike|hCoV-19/Australia/SAP532/2020|2020-10-29|EPI ISL_622766|Original|hCoV-19
> "South Australia"|Human|SA Pathology|SA Pathology|Leong|Australia
> Spike|hCoV-19/England/QEUH-B67E5D/2020|2020-11-11|EPI ISL_661596|Original|hCoV-19
> "England"|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/Portugal/PT1904/2020|2020-11-09|EPI ISL_732118|Original|hCoV-19
> "Portugal"|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de
Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)\|Borges|Portugal

> Spike\|hCoV-19\|USA/CA-LACPHEL- AF00020/2020\|2020-12-16\|EPI\_ISL\_737255\|Original|hCoV-19\|California|Human|Los Angeles County PHL\|Los Angeles County PHL\|Hemarajata|USA

> Spike\|hCoV-19\|England/OXON-B063A/2020\|2020-04-20\|EPI\_ISL\_478893\|Original|hCoV-19\|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

> Spike\|hCoV-19\|Denmark/DGCC-2260/2020\|2020-08-10\|EPI\_ISL\_617440\|Original|hCoV-19\|England|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

> Spike\|hCoV-19\|England/BRIS-123B7E/2020\|2020-04-07\|EPI\_ISL\_442639\|Original|hCoV-19\|England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

> Spike\|hCoV-19\|England/MILK-B942C4/2020\|2020-11-13\|EPI\_ISL\_676023\|Original|hCoV-19\|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike\|hCoV-19\|Singapore/1040/2020\|2020-03-23\|EPI\_ISL\_574525|Original|hCoV-19\|Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

> Spike\|hCoV-19\|Denmark/ALAB-HH-113/2020\|2020-03-09\|EPI\_ISL\_451997\|Original|hCoV-19\|England|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

> Spike\|hCoV-19\|England/ALDP-9FD0C1/2020\|2020-10-02\|EPI\_ISL\_587831\|Original|hCoV-19\|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike\|hCoV-19\|England/OEUH-B6AC32/2020\|2020-11-11\|EPI\_ISL\_655054\|Original|hCoV-19\|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike\|hCoV-19\|Denmark/DCGCC-14637/2020\|2020-11-23\|EPI\_ISL\_711885\|Original|hCoV-19\|Norway|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

> Spike\|hCoV-19\|Hong Kong/HKU-200723-050/2020\|2020-07-08\|EPI\_ISL\_497817\|Original|hCoV-19\|Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China

> Spike\|hCoV-19\|USA/ TX-DSHS-0214/2020\|2020-03-31\|EPI\_ISL\_525775\|Original|hCoV-19\|Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

> Spike\|hCoV-19\|France/P\_CAIHU-1570/2020\|2020-09-01\|EPI\_ISL\_569203\|Original|hCoV-19\|Provence-Alpes-C\_u00f4te-d\_u2019Azur|Human|MEPHI\|MEPHI\|Levasseur|France

> Spike\|hCoV-19\|Turkey/HSGM-439/2020\|2020-03-25\|EPI\_ISL\_437307|Vero P1|hCoV-19\|Turkey|Human|Ministry of Health Turkey|Ministry of Health Turkey|Bayrakdar|Turkey

> Spike\|hCoV-19\|England/CAMC-B34651/2020\|2020-11-05\|EPI\_ISL\_659562\|Original|hCoV-19\|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike\|hCoV-19\|England/ALDP-CB455B/2020\|2020-12-19\|EPI\_ISL\_760812\|Original|hCoV-19\|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike\|hCoV-19\|USA/CA-ALSR-1091-SAN/2020\|2020-06-13\|EPI\_ISL\_483518\|Original|hCoV-19\|California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavaranapu|USA

> Spike\|hCoV-19\|Wales/PHWC-492290/2020\|2020-11-17\|EPI\_ISL\_706835\|Original|hCoV-19\|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike\|hCoV-19\|Australia/VIC12137/2020\|2020-07-13\|EPI\_ISL\_563528\|Original|hCoV-19\|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

> Spike\|hCoV-19\|England/CAMC-9B1EA1/2020\|2020-09-04\|EPI\_ISL\_549399\|Original|hCoV-19\|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/England/LEED-2A82E4/2020|2020-04-02|EPI_ISL_539005|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16DED9/2020|2020-09-30|EPI_ISL_585638|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/France/ARA-118441/2020|2020-12-10|EPI_ISL_745378|Original|hCoV-19^^Auvergne-Rhône-Alpes|Human|CNR Virus des Infections Respiratoires – France Sud|CNR Virus des Infections Respiratoires – France sud|Bal|France

>Spike|hCoV-19/Australia/VIC14757/2020|2020-08-12|EPI_ISL_592987|Original|hCoV-19^^Victoria|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Germany/RP-ChV1r1672/2020|2020-03-01|EPI_ISL_729474|Original|hCoV-19^^Rhineland-Palatinate|Human|Charité|u00e9 Universit\u00e9tsmedizin Berlin|Charité|u00e9 Universit\u00e9tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Japan/PG-5737/2020|2020-08-00|EPI_ISL_688857|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wuhan/HS-133/2020|2020-02-23|EPI_ISL_455366|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/Japan/PG-7585/2020|2020-07-00|EPI_ISL_686687|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-C3AD37/2020|2020-12-09|EPI_ISL_731342|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A535B/2020|2020-12-15|EPI_ISL_764854|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-1831/2020|2020-04-00|EPI_ISL_685437|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-B9AC57/2020|2020-11-15|EPI_ISL_673384|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/4334/2020|2020-10-12|EPI_ISL_775313|Original|hCoV-19^^Nordland|Human|Nordland Hospital – Bodo|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Switzerland/BS-42256492/2020|2020-05-05|EPI_ISL_581926|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/France/ARA-SC131/2020|2020-04-20|EPI_ISL_700395|Original|hCoV-19^^Auvergne-Rhône-Alpes|Human|Centre hospitalier Mu00e9tropole Savoie|CNR Virus des Infections Respiratoires – France sud|Bal|France

>Spike|hCoV-19/Gibraltar/204462876/2020|2020-10-29|EPI_ISL_615043|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/USA/AZ-TG312398/2020|2020-05-16|EPI_ISL_694322|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/USA/MI-UM-10036789801/2020|2020-11-04|EPI_ISL_707863|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/OEUH-BF09D0/2020|2020-12-05|EPI_ISL_709056|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/PA-MGEL83/2020|2020-03-28|EPI_ISL_454367|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genome Sequencing Center|Mustapha|USA
Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)
consortium|Davies|United Kingdom
> Spike|hCoV-19/Scotland/EDB3093/2020|2020-04-04|EPI_ISL_488916|Original|hCoV-19^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/MLIK-9F12B8/2020|2020-09-23|EPI_ISL_600931|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/GEUH-9B8754/2020|2020-09-09|EPI_ISL_602137|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/NOTTT-1161D6/2020|2020-10-19|EPI_ISL_595308|Original|hCoV-19^England|Human|Queen's Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
> Spike|hCoV-19/Denmark/ALAB-HH-122/2020|2020-03-11|EPI_ISL_452003|Original|hCoV-19^Denmark|Human|Department of Clinical Microbiology|Albertsens lab|Kirkegaard|Denmark
> Spike|hCoV-19/England/ALDP-A8775D/2020|2020-10-17|EPI_ISL_606126|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/ALDP-B95111/2020|2020-11-13|EPI_ISL_673745|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/India/TG-CCMB-M116/2020|2020-06-06|EPI_ISL_495182|Original|hCoV-19^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banan|India
> Spike|hCoV-19/England/ALDP-A93A91/2020|2020-10-19|EPI_ISL_611196|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Equatorial Guinea/14756/2020|2020-06-04|EPI_ISL_648359|Original|hCoV-19^Bioko Norte|Human|Laboratorio de Investigaciones de Baney|University Hospital Basel|Hosch|Equatorial Guinea
> Spike|hCoV-19/Denmark/DGCC-1757/2020|2020-03-09|EPI_ISL_620141|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsens lab|Michaelsen|Denmark
> Spike|hCoV-19/India/GJ-GBBC225b/2020|2020-06-08|EPI_ISL_476862|Original|hCoV-19^Gujarat|Human|GMERS Medical College & Hospital|Gujarat Biotechnology Research Centre|Joshi|India
> Spike|hCoV-19/England/ALDP-C3DD43/2020|2020-12-10|EPI_ISL_730830|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Switzerland/GR-ETHZ-100071/2020|2020-03-12|EPI_ISL_466993|Original|hCoV-19^Graubunden|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
> Spike|hCoV-19/England/BRTS-1289BB/2020|2020-04-14|EPI_ISL_458728|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Netherlands/ZH-EMC-1193/2020|2020-12-21|EPI_ISL_763266|Original|hCoV-19^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
Spike|hCoV-19/England/QEUH-C7D873/2020|2020-12-16|EPI_ISL_756951|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/Wales/PHWC-482CC7/2020|2020-10-18|EPI_ISL_612180|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19/Ireland/STJ-56EB29/2020|2020-10-05|EPI_ISL_639882|Original|hCoV-19^^England|Human|Natural Virus Reference Laboratory|Gonzalez|Ireland

Spike|hCoV-19/USA/VA-DCLS-1313/2020|2020-07-23|EPI_ISL_572255|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

Spike|hCoV-19/Wales/PHWC-16B13C/2020|2020-09-14|EPI_ISL_560248|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19/Northern Ireland/NIRE-235501/2020|2020-11-12|EPI_ISL_764439|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

Spike|hCoV-19/England/QEUH-96264D/2020|2020-08-10|EPI_ISL_531640|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/USA/MA-MGH-03268/2020|2020-10-21|EPI_ISL_765765|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

Spike|hCoV-19/Germany/HH-hipi-p1549/2020|2020-03-15|EPI_ISL_775694|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

Spike|hCoV-19/England/ALDP-9E6562/2020|2020-09-24|EPI_ISL_580312|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/ALDP-BC8555/2020|2020-11-23|EPI_ISL_721231|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/MILK-958149/2020|2020-06-15|EPI_ISL_554737|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/QEUH-9F3C8B/2020|2020-09-24|EPI_ISL_588635|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/QEUH-9E6562/2020|2020-09-24|EPI_ISL_580312|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/Denmark/DGCC-3280/2020|2020-08-24|EPI_ISL_616774|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelelsen|Denmark

Spike|hCoV-19/England/NOTT-113573/2020|2020-09-20|EPI_ISL_549514|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

Spike|hCoV-19/Belgium/LAM-0325339/2020|2020-03-25|EPI_ISL_462193|Original|hCoV-19^^Blankenberge|Human|KU Leuven|KU Leuven|Maes|Belgium

Spike|hCoV-19/Wales/PHWC-16F095/2020|2020-10-01|EPI_ISL_585908|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19/Latvia/106/2020|2020-08-05|EPI_ISL_515193|Original|hCoV-19^^Latvia|Human|E. Gulbja Laboratorija|Latvian Biomedical Research and Study Centre|Zrelovs|Latvia

Spike|hCoV-19/England/MILK-995492/2020|2020-08-25|EPI_ISL_552372|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/MILK-B3B7A2/2020|2020-11-02|EPI_ISL_679770|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

Spike|hCoV-19/England/QEUH-C7D873/2020|2020-12-16|EPI_ISL_756951|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
19\^Utah\|Human\|Utah Public Health Laboratory\|Utah Public Health Laboratory\|Long\|USA
> Spike\|hCoV-19\|England/GB\|CAMB-76533/2020\|2020-03-29\|EPI_ISL_439506\|Original\|hCoV-19\|England\|Human\|Department of Pathology\|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium\|Amato\|United Kingdom
> Spike\|hCoV-19\|Wales/PHWC-48E84A/2020\|2020-11-13\|EPI_ISL_680919\|Original\|hCoV-19\|Wales\|Human\|Wales Specialist Virology Centre Sequencing lab\|COVID-19 Genomics UK (COG-UK) Consortium\|Moore\|United Kingdom
> Spike\|hCoV-19\|Scotland/QEUH-AD4B55/2020\|2020-10-27\|EPI_ISL_644022\|Original\|hCoV-19\|Scotland\|Human\|Lighthouse Lab in Glasgow\|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium\|Davies\|United Kingdom
> Spike\|hCoV-19\|England/ALDP-B2395C/2020\|2020-11-04\|EPI_ISL_646824\|Original\|hCoV-19\|England\|Human\|Lighthouse Lab in Alderley Park\|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium\|Davies\|United Kingdom
> Spike\|hCoV-19\|USA/CA-CZB-12858/2020\|2020-10-13\|EPI_ISL_648514\|Original\|hCoV-19\|California\|Human\|Orange County Public Health Lab\|Chan-Zuckerberg Biohub\|Bhatt\|USA
> Spike\|hCoV-19\|England/ALDP-2396B/2020\|2020-10-29\|EPI_ISL_643786\|Original\|hCoV-19\|England\|Human\|Lighthouse Lab in Cambridge\|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium\|Davies\|United Kingdom
> Spike\|hCoV-19\|England/MILK-B55B1F/2020\|2020-11-05\|EPI_ISL_657666\|Original\|hCoV-19\|England\|Human\|Lighthouse Lab in Milton Keynes\|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium\|Davies\|United Kingdom
> Spike\|hCoV-19\|Scotland/QEUH-9FB412/2020\|2020-09-29\|EPI_ISL_600576\|Original\|hCoV-19\|Scotland\|Human\|Lighthouse Lab in Glasgow\|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium\|Davies\|United Kingdom
> Spike\|hCoV-19\|USA/CA-CZB-10193/2020\|2020-04-30\|EPI_ISL_672254\|Original\|hCoV-19\|California\|Human\|The Ashley Laboratory\|Chan-Zuckerberg Biohub\|Bhatt\|USA
> Spike\|hCoV-19\|USA/LA-EVTLE986/2020\|2020-08-18\|EPI_ISL_653677\|Original\|hCoV-19\|Louisiana\|Human\|LSUHS Emerging Viral Threat Laboratory\|Microbial Genome Sequencing Center\|Kamil\|USA
> Spike\|hCoV-19\|England/BIRM-6529A/2020\|2020-09-30\|EPI_ISL_594544\|Original\|hCoV-19\|England\|Human\|University of Birmingham\|COVID-19 Genomics UK (COG-UK) Consortium\|Loman\|United Kingdom
> Spike\|hCoV-19\|USA/OH-OH-SC35339/2020\|2020-04-24\|EPI_ISL_780421\|Original\|hCoV-19\|Ohio\|Human\|Ohio Department of Health Laboratory\|Ohio Department of Health Laboratory\|Holmes\|USA
> Spike\|hCoV-19\|Scotland/QEUH-98FA8A/2020\|2020-08-27\|EPI_ISL_568339\|Original\|hCoV-19\|Scotland\|Human\|Lighthouse Lab in Glasgow\|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium\|Davies\|United Kingdom
> Spike\|hCoV-19\|USA/FL-BPHL-0883/2020\|2020-04-04\|EPI_ISL_517774\|Original\|hCoV-19\|Florida\|Human\|Florida Bureau of Public Health Laboratories\|Florida Bureau of Public Health Laboratories\|Blanton\|USA
> Spike\|hCoV-19\|England/BIRM-61173/2020\|2020-06-02\|EPI_ISL_473435\|Original\|hCoV-19\|England\|Human\|University of Birmingham\|COVID-19 Genomics UK (COG-UK) Consortium\|Loman\|United Kingdom
> Spike\|hCoV-19\|USA/NC_200243/2020\|2020-03-00\|EPI_ISL_454801\|Original\|hCoV-19\|North Carolina\|Human\|Dirk Dittmer\|Dirk Dittmer\|Moorad\|USA
> Spike\|hCoV-19\|Japan/PG-7757/2020\|2020-04-00\|EPI_ISL_686859\|Original\|hCoV-19\|Japan\|Human\|Pathogen Genomics Center\|Pathogen Genomics Center\|Sekizuka\|Japan
> Spike\|hCoV-19\|Italy/VEN-UniVR37/2020\|2020-03-07\|EPI_ISL_751349\|Original\|hCoV-19\|Veneto\|Human\|IRCCS Sacro Cuore Don Calabria Hospital\|University of Verona\|Mori\|Italy
> Spike\|hCoV-19\|USA/CA-ALSR-4294/2020\|2020-10-01\|EPI_ISL_648946\|Original\|hCoV-19\|California\|Human\|San Diego County Public Health Laboratory\|Andersen lab at Scripps Research\|Gangavarapu\|USA
> Spike\|hCoV-19\|England/ALDP-B2396B/2020\|2020-11-04\|EPI_ISL_646796\|Original\|hCoV-19\|England\|Human\|Lighthouse Lab in Alderley Park\|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium\|Davies\|United Kingdom
> Spike\|hCoV-19\|USA/UT-UPHL-2009342/2020\|2020-05-16\|EPI_ISL_524940\|Original\|hCoV-19\|Utah\|Human\|Utah Public Health Laboratory\|Utah Public Health Laboratory\|Young\|USA
Kingdom

> Spike|hCoV-19|England/MILK-CA6C66/2020|2020-12-18|EPI_ISL_761408|Original|hCoV-19

^Wales|Human|Originating lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/Scotland/QEUH-96A3A8/2020|2020-08-15|EPI_ISL_534374|Original|hCoV-19

^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre | MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/England/QEUH-B123C9/2020|2020-11-02|EPI_ISL_642515|Original|hCoV-19

^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/Scotland/QEUH-9B5238/2020|2020-09-03|EPI_ISL_590427|Original|hCoV-19

^Scotland|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/England/LIVE-DC2D51/2020|2020-11-24|EPI_ISL_703763|Original|hCoV-19

^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

> Spike|hCoV-19/England/QEUH-9CF295/2020|2020-09-15|EPI_ISL_590122|Original|hCoV-19

^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/USA/IL-UW-707/2020|2020-06-29|EPI_ISL_491314|Original|hCoV-19

^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

> Spike|hCoV-19/Japan/PG-2800/2020|2020-04-00|EPI_ISL_690927|Original|hCoV-19

^Japan|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan

> Spike|hCoV-19/USA/VA-DCLS-2287/2020|2020-10-30|EPI_ISL_723519|Original|hCoV-19

^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

> Spike|hCoV-19/Netherlands/NB-EMC-428/2020|2020-11-15|EPI_ISL_722645|Original|hCoV-19

^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

> Spike|hCoV-19/Denmark/DGC-15003/2020|2020-11-23|EPI_ISL_713572|Original|hCoV-19

^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

> Spike|hCoV-19/England/MILK-99DE32/2020|2020-08-31|EPI_ISL_550707|Original|hCoV-19

^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/Slovakia/UKBA-318/2020|2020-09-16|EPI_ISL_583486|Original|hCoV-19

^Surany|Human|Institute of Virology|Faculty of Natural Sciences|Vinar|Slovakia

> Spike|hCoV-19/Wales/PHWC-16AD2A/2020|2020-09-10|EPI_ISL_560189|Original|hCoV-19

^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/England/ALDP-9CAC39/2020|2020-09-16|EPI_ISL_575630|Original|hCoV-19

^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/England/BRIS-121B25/2020|2020-03-18|EPI_ISL_440299|Original|hCoV-19

^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

> Spike|hCoV-19/USA/TX-HMH-5993/2020|2020-06-19|EPI_ISL_547152|Original|hCoV-19

^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

> Spike|hCoV-19/Scotland/EDB7357/2020|2020-08-12|EPI_ISL_526531|Original|hCoV-19

^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

> Spike|hCoV-19/England/ALDP-BB9D40/2020|2020-11-20|EPI_ISL_703186|Original|hCoV-19

^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/Wales/PHWC-345E6/2020|2020-04-21|EPI_ISL_474406|Original|hCoV-19

^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/MD-MDH-0372/2020|2020-10-26|EPI_ISL_660073|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA
>Spike|hCoV-19/USA/TX-HMH-MCoV-10620/2020|2020-07-08|EPI_ISL_789565|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Wales/PHWC-4874B6/2020|2020-10-28|EPI_ISL_639201|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Spain/IB-IVB-2545/2020|2020-03-25|EPI_ISL_468983|Original|hCoV-19^^Illes Balears|Human|Servicio de Microbiologia\u00eda\SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>Spike|hCoV-19/USA/MI-MDHHS-SC20911/2020|2020-04-29|EPI_ISL_476047|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/Scotland/EDB5740/2020|2020-06-02|EPI_ISL_478198|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-15872/2020|2020-07-10|EPI_ISL_785556|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/MILK-A5602F/2020|2020-10-08|EPI_ISL_595127|Original|hCoV-19^^England|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhani|United Kingdom
>Spike|hCoV-19/England/CAMB-833EB/2020|2020-04-14|EPI_ISL_443664|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/France/IDF-2256/2020|2020-03-11|EPI_ISL_416498|Original|hCoV-19^^\u00cele-de-France|Human|Institut M\u00e9dicol l\u00e9gal- Hop R. Poincar\u00e9\u00e9|National Reference Center for Viruses of Respiratory Infections|Enouf|France
>Spike|hCoV-19/England/QEUH-C5B83F/2020|2020-12-14|EPI_ISL_735952|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC3077/2020|2020-07-10|EPI_ISL_520784|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Denmark/DGCC-13735/2020|2020-11-30|EPI_ISL_712989|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Denmark/DGCC-21148/2020|2020-12-21|EPI_ISL_758807|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/ALDP-A6C5CD/2020|2020-10-15|EPI_ISL_608136|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Guinea/CERFIG-1339/2020|2020-06-09|EPI_ISL_788936|Original|hCoV-19^^Conakry|Human|Centre de Recherche et de Formation en \u00e9pid\u00e9miologie Guin\u00e9e\TransVIHMI|Keita|Guinea
>Spike|hCoV-19/Wales/ALDP-B5CF67/2020|2020-11-09|EPI_ISL_710865|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-5656/2020|2020-06-24|EPI_ISL_544940|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Scotland/QEUH-A2104B/2020|2020-10-01|EPI_ISL_599047|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Ontario/Canada/ON-S1288/2020|2020-05-13|EPI_ISL_586335|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
>Spike|hCoV-19|England|ALDP-A6694F|2020|2020-10-12|EPI_ISL_630529|Original|hCoV-19
>^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>^Spike|hCoV-19|England|MILK-9752F8|2020|2020-08-21|EPI_ISL_552710|Original|hCoV-19
>^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>^Spike|hCoV-19|England|CAMC-94C324|2020|2020-07-18|EPI_ISL_556701|Original|hCoV-19
>^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>^Spike|hCoV-19|USA/TX-HMH-MCoV-18411|2020|2020-11-18|EPI_ISL_784759|Original|hCoV-19
>^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>^Spike|hCoV-19|USA/CA-ALSR-2607|2020|2020-07-11|EPI_ISL_635584|Original|hCoV-19
>^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>^Spike|hCoV-19|Scotland/CVR4098|2020|2020-09-07|EPI_ISL_540802|Original|hCoV-19
>^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>^Spike|hCoV-19|USA/VA-DCLS-0679|2020|2020-04-18|EPI_ISL_500842|Original|hCoV-19
>^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacobs|USA
>^Spike|hCoV-19|Russia/PRIRHI-MH814S|2020|2020-08-08|EPI_ISL_733016|Original|hCoV-19
>^Primorsky Krai|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>^Spike|hCoV-19|USA/TX-HMH-MCoV-13289|2020|2020-08-25|EPI_ISL_788437|Original|hCoV-19
>^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>^Spike|hCoV-19|England/20100007104|2020|2020-02-29|EPI_ISL_464254|Original|hCoV-19
>^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>^Spike|hCoV-19|England/QEUH-A211B1|2020|2020-10-01|EPI_ISL_587389|Original|hCoV-19
>^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>^Spike|hCoV-19|Japan/PG-8936|2020|2020-08-00|EPI_ISL_686482|Original|hCoV-19
>^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
>^Spike|hCoV-19|Denmark/DGCC-10994|2020|2020-11-01|EPI_ISL_670331|Original|hCoV-19
>^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>^Spike|hCoV-19|Chile/MA-ISPCH-17|2020|2020-03-30|EPI_ISL_445372|Original|hCoV-19
>^Magallanes|Human|HOSPITAL FF.AA. |CIRUJANO C. GUZMAN|Instituto de Salud Publica de Chile|Fernandez|Chile
>^Spike|hCoV-19|USA/VA-DCLS-0794|2020|2020-07-07|EPI_ISL_526898|Original|hCoV-19
>^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacobs|USA
>^Spike|hCoV-19|England/CAMB-1B1841|2020|2020-10-11|EPI_ISL_641313|Original|hCoV-19
>^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>^Spike|hCoV-19|USA/AZ-TG532122|2020|2020-07-02|EPI_ISL_695423|Original|hCoV-19
>^Arizona|Human|AZ SPHL|TGen North|French|USA
>^Spike|hCoV-19|England/ALDP-A6D90C|2020|2020-10-14|EPI_ISL_607851|Original|hCoV-19
>^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-7198/2020|2020-10-12|EPI_ISL_619195|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-8704/2020|2020-10-26|EPI_ISL_625728|Original|hCoV-19^^Alaska|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Luxembourg/LNS2974720/2020|2020-10-22|EPI_ISL_740230|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de santé|u00e9|Laboratoire national de santé|u00e9|Wienecke-Baldaichino|Luxembourg

>Spike|hCoV-19/Ireland/LH-NVRL-20ILR11488/2020|2020-11-22|EPI_ISL_732512|Original|hCoV-19^^Ireland|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/MILK-B9713D/2020|2020-11-13|EPI_ISL_674915|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B52E55/2020|2020-11-09|EPI_ISL_657530|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-94A502/2020|2020-07-18|EPI_ISL_556783|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/17A54S4/2020|2020-04-17|EPI_ISL_481579|Original|hCoV-19^^Ireland|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Japan/PG-5557/2020|2020-08-00|EPI_ISL_688682|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/HI-H200154/2020|2020-07-11|EPI_ISL_752717|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22226/2020|2020-10-27|EPI_ISL_644374|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Ireland/MO-NVRL-20G31888/2020|2020-03-18|EPI_ISL_605068|Original|hCoV-19^^Ireland|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium Helixworks|Chalapati|Ireland

>Spike|hCoV-19/England/QEUH-BC3C73/2020|2020-11-25|EPI_ISL_703915|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-C45F8E/2020|2020-12-10|EPI_ISL_718579|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-99042E/2020|2020-08-30|EPI_ISL_568332|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B9623B/2020|2020-11-13|EPI_ISL_675043|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B813A9/2020|2020-11-13|EPI_ISL_661849|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spoke|hCoV-19/USA/CA-ALSR-0631-IPL/2020|2020-04-23|EPI_ISL_483270|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spoke|hCoV-19/England/LEED-2AA19A/2020|2020-04-06|EPI_ISL_538786|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19/USA/AK-PHL439/2020|2020-06-06|EPI_ISL_512137|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Drown|USA

>Spoke|hCoV-19/USA/CA-ALSR-0631-IPL/2020|2020-04-23|EPI_ISL_483270|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spoke|hCoV-19/England/LEED-2AA19A/2020|2020-04-06|EPI_ISL_538786|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19/USA/AK-PHL439/2020|2020-06-06|EPI_ISL_512137|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Drown|USA
>Spike|hCoV-19/England/CAMC-BC0E0CB/2020|2020-11-22|EPI_ISL_704854|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMC-C4OES9/2020|2020-12-10|EPI_ISL_718996|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/AMDOH-2020323484/2020|2020-09-01|EPI_ISL_542086|Original|hCoV-19|New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA
>Spike|hCoV-19/Norway/CS-27/2020|2020-04-04|EPI_ISL_666607|Original|hCoV-19|Viken|Human|Dept. of Microbiology and Infection Control|Dept. of Microbiology and Infection Control|Hesselberg|Luv0fvestad|Norway
>Spike|hCoV-19/England/ALDP-A66CC8/2020|2020-10-17|EPI_ISL_606138|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMC-A661A1/2020|2020-10-11|EPI_ISL_637457|Original|hCoV-19|England|Human|Dept. of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/England/CAMC-A81182/2020|2020-10-14|EPI_ISL_610863|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-1404/2020|2020-08-14|EPI_ISL_787333|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/CA-CZB-1881/2020|2020-04-28|EPI_ISL_486180|Original|hCoV-19|California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA
>Spike|hCoV-19/USA/MN-QDX-1718/2020|2020-03-17|EPI_ISL_604069|Original|hCoV-19|Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/England/OEHU-A36645/2020|2020-10-05|EPI_ISL_706905|Original|hCoV-19|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Australia/VIC7659/2020|2020-08-08|EPI_ISL_564559|Original|hCoV-19|Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Brazil/RJ-00453/2020|2020-06-01|EPI_ISL_717848|Original|hCoV-19|Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil
>Spike|hCoV-19/USA/TX-HMH-MCoV-14654/2020|2020-10-11|EPI_ISL_787939|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/OEHU-AD300C/2020|2020-10-26|EPI_ISL_629799|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/MD-MDH-0251/2020|2020-10-05|EPI_ISL_602274|Original|hCoV-19|Maryland|Human|MD PHL|MD PHL|Keller|USA
>Spike|hCoV-19/England/MLIK-BAB94D/2020|2020-11-18|EPI_ISL_681541|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-4389/2020|2020-06-17|EPI_ISL_543582|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/OR-OHSU-2763/2020|2020-08-29|EPI_ISL_667303|Original|hCoV-19|Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA
>Spike|hCoV-19/Spain/CT-1IV-99009914/2020|2020-08-10|EPI_ISL_660311|Original|hCoV-19|Catalunya|Human|Servicio de Microbiolog\u00eda|SegCOVID-SPAIN consortium/IBV(CSC) |Comas |Spain
>Spike|hCoV-19/Sweden/20-50298/2020|2020-03-12|EPI_ISL_475128|Original|hCoV-19|Orebro|Human|Orebro klinisk mikrobiologi|The Public Health Agency of Sweden|Svantstr\u00ed|Sweden
>Spike|hCoV-19/USA/TX-HMH-6761/2020|2020-06-24|EPI_ISL_546224|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/CA-ALSR-4710/2020|2020-09-29|EPI_ISL_730097|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/England/EXET-13E9B2/2020|2020-12-13|EPI_ISL_764137|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spike|hCoV-19/England/CAMB-1BC9AD/2020|2020-00-00|EPI_ISL_705554|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/England/LOND-1245B9/2020|2020-03-22|EPI_ISL_492864|Original|hCoV-19^^England|Human|Royal Free Hospital / Health Services Laboratories|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMC-B335CE/2020|2020-11-05|EPI_ISL_659359|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-A69EC5/2020|2020-10-12|EPI_ISL_608751|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-C06763/2020|2020-12-05|EPI_ISL_709382|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-9200/2020|2020-07-02|EPI_ISL_780996|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Wales/PHWC-345B9/2020|2020-04-18|EPI_ISL_446944|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/England/QEUH-9CE560/2020|2020-09-14|EPI_ISL_590108|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-BDB6D4/2020|2020-11-26|EPI_ISL_709687|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC5453/2020|2020-07-15|EPI_ISL_520203|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/NOPT-10F62C/2020|2020-04-03|EPI_ISL_433028|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19/France/ARA-SC033/2020|2020-03-26|EPI_ISL_629092|Original|hCoV-19^^France|Human|Auvergne-Rhône-Alpes|Human|Laboratoire du Centre Hospitalier Annecy Genevois|CNR Virus des Infections Respiratoires – France SUD|Bal|France
>Spike|hCoV-19/England/MILK-ABC1AC/2020|2020-10-21|EPI_ISL_631141|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/CA-CZB-15959/2020|2020-11-25|EPI_ISL_739009|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA
>Spike|hCoV-19/USA/WI-GMF-M00015/2020|2020-07-11|EPI_ISL_547666|Original|hCoV-19^^Wisconsin|Human|Gundersen Clinical Microbiology Laboratory|Kabara Cancer Research Institute|Kenny|USA
>Spike|hCoV-19/Canada/MB_76/2020|2020-03-16|EPI_ISL_482481|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory|Majer|Canada
>Spike|hCoV-19/Panama/PB01/2020|2020-05-04|EPI_ISL_485079|Original|hCoV-19^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

> Spike|hCoV-19/Scotland/GCVR-1713D3/2020|2020-03-26|EPI_ISL_489613|Original|hCoV-19^North West|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

> Spike|hCoV-19/USA/TX_2817/2020|2020-03-01|EPI_ISL_420797|Original|hCoV-19^Texas|Human|Texas_DSHS Lab Services|Pathogen Discovery|Queen|USA

> Spike|hCoV-19/Brazil/RJ-0259/2020|2020-04-07|EPI_ISL_470626|Original|hCoV-19^Rio de Janeiro|Human|Laboratorio de Virologia Molecular | UFRJ|Bioinformatics Laboratory | LNNC|Almeida|Brazil

> Spike|hCoV-19/South Africa/R12574-20/2020|2020-06-16|EPI_ISL_504193|Original|hCoV-19^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

> Spike|hCoV-19/Denmark/DCGC-2856/2020|2020-08-17|EPI_ISL_616684|Original|hCoV-19^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

> Spike|hCoV-19/USA/WA-SA1197/2020|2020-05-06|EPI_ISL_463687|Original|hCoV-19^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

> Spike|hCoV-19/Oman/C-6175/2020|2020-04-25|EPI_ISL_491125|Original|hCoV-19^Dhahirah|Human|Oman-National Influenza Center|Biotechnology & OMICs Laboratory|Al Mahruqi|Oman

> Spike|hCoV-19/Japan/PG-5134/2020|2020-08-00|EPI_ISL_690241|Original|hCoV-19^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

> Spike|hCoV-19/England/MILK-CA9E9A/2020|2020-12-17|EPI_ISL_762489|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/England/20166069904/2020|2020-04-16|EPI_ISL_466577|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

> Spike|hCoV-19/Belgium/ULG-10159/2020|2020-04-18|EPI_ISL_447154|Original|hCoV-19^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

> Spike|hCoV-19/Japan/PG-2610/2020|2020-06-00|EPI_ISL_690744|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

> Spike|hCoV-19/USA/TX-HMH-1369/2020|2020-05-01|EPI_ISL_542676|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

> Spike|hCoV-19/England/LOND-1250B0B/2020|2020-11-02|EPI_ISL_665247|Original|hCoV-19^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

> Spike|hCoV-19/USA/FI-BPHL-1524/2020|2020-07-28|EPI_ISL_568622|Original|hCoV-19^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

> Spike|hCoV-19/Spain/MD-IBV-99008619/2020|2020-09-06|EPI_ISL_654170|Original|hCoV-19^Madrid|Human|Hospital General Universitario Gregorio Marxu00f3n|SeqCOVID-SPAIN consortium/IVB(CSIC)|Comas|Spain

> Spike|hCoV-19/Australia/VIC7728/2020|2020-08-03|EPI_ISL_564611|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/United Arab Emirates/0848/2020|2020-05-19|EPI_ISL_698987|Original|hCoV-19|Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spik|hCoV-19/Wales/PHWC-36B3D/2020|2020-05-01|EPI_ISL_474764|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spik|hCoV-19/England/QEUH-9F8873/2020|2020-09-27|EPI_ISL_588999|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19/USA/UT-UPHL-01415/2020|2020-04-01|EPI_ISL_575057|Original|hCoV-19|Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spik|hCoV-19/Denmark/DCGC-22566/2020|2020-12-14|EPI_ISL_757641|Original|hCoV-19|Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spik|hCoV-19/England/MILK-B94710/2020|2020-11-13|EPI_ISL_676308|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spik|hCoV-19/USA/VA-DCLS-0375/2020|2020-05-11|EPI_ISL_463131|Original|hCoV-19|Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spik|hCoV-19/Palestine/84/2020|2020-06-22|EPI_ISL_596558|Original|hCoV-19|Hebron|Human|Palestinian Ministry of Health|Molecular Genetics Lab|van Dorp|Palestine

>Spik|hCoV-19/England/CAMC-C709E6/2020|2020-12-16|EPI_ISL_769110|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spik|hCoV-19/Scotland/CVR126/2020|2020-03-15|EPI_ISL_425669|Original|hCoV-19|Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spik|hCoV-19/USA/TX-HMH-MCoV-9905/2020|2020-07-06|EPI_ISL_780334|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spik|hCoV-19/Switzerland/BL-42292327/2020|2020-06-01|EPI_ISL_581907|Original|hCoV-19|Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spik|hCoV-19/England/CAMC-990B56/2020|2020-08-26|EPI_ISL_551836|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19/England/MILK-9711B3/2020|2020-08-19|EPI_ISL_553030|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19/USA/VA-DCLS-0039/2020|2020-03-22|EPI_ISL_420021|Original|hCoV-19|Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spik|hCoV-19/England/MILK-A79DE3/2020|2020-10-15|EPI_ISL_606626|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19/England/NORT-2938EA/2020|2020-07-06|EPI_ISL_499551|Original|hCoV-19|England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spik|hCoV-19/England/LIVE-9B556/2020|2020-04-02|EPI_ISL_449460|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spik|hCoV-19/Australia/NSW2156/2020|2020-03-11|EPI_ISL_500634|Original|hCoV-19|New South Wales|Human|Area of Virology|Area of Virology|Bull|Australia

>Spik|hCoV-19/Australia/SAP268/2020|2020-03-31|EPI_ISL_468043|Original|hCoV-19|South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spik|hCoV-19/USA/MN-QDX-1327/2020|2020-03-16|EPI_ISL_572116|Original|hCoV-19|Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spik|hCoV-19/Peru/LAL-INS-064/2020|2020-03-14|EPI_ISL_525206|Original|hCoV-19|La Libertad|Human|Laboratorio de Referencia Nacional de Virus Respiratorio. Centro
Nacional de Salud Publica. Instituto Nacional de Salud Peru.|Laboratorio de Referencia Nacional de Biotecnolog\u00eda y Biolog\u00eda Molecular. Centro Nacional de Salud Publica. Instituto Nacional de Salud Peru.|Padilla Rojas|Peru
>Spike|hCoV-19/England/CAMB-80CF5/2020|2020-04-09|EPI_ISL_443005|Original|hCoV-19\^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/England/LIVE-A3588/2020|2020-06-10|EPI_ISL_490384|Original|hCoV-19\^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/England/QEUH-A0AC17/2020|2020-10-01|EPI_ISL_599190|Original|hCoV-19\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-9FD9B4/2020|2020-10-02|EPI_ISL_587854|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/LA-QDX-584/2020|2020-03-19|EPI_ISL_571308|Original|hCoV-19\^Louisiana|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/Scotland/EDB2403/2020|2020-04-22|EPI_ISL_439200|Original|hCoV-19\^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spike|hCoV-19/USA/CA-CZB-1025/2020|2020-04-11|EPI_ISL_436666|Original|hCoV-19\^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Hao|USA
>Spike|hCoV-19/England/ALDP-A6DD1F/2020|2020-10-14|EPI_ISL_606987|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC7929/2020|2020-08-06|EPI_ISL_564751|Original|hCoV-19\^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spoke|hCoV-19/USA/FI-BPHL-2138/2020|2020-06-27|EPI_ISL_653291|Original|hCoV-19\^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spoke|hCoV-19/Belgium/rega-0427614/2020|2020-04-27|EPI_ISL_734665|Original|hCoV-19\^Tournai|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Spoke|hCoV-19/Singapore/1329/2020|2020-06-01|EPI_ISL_648818|Original|hCoV-19\^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore
>Spoke|hCoV-19/Netherlands/UT-EMC-198/2020|2020-11-18|EPI_ISL_722669|Original|hCoV-19\^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spoke|hCoV-19/England/NOTT-113E3C/2020|2020-09-30|EPI_ISL_577115|Original|hCoV-19\^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spoke|hCoV-19/USA/MI-QDX-311/2020|2020-03-21|EPI_ISL_571055|Original|hCoV-19\^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spoke|hCoV-19/Norway/2388/2020|2020-04-02|EPI_ISL_449793|Original|hCoV-19\^Norway|Human|Dept. of Medical Microbiology|Norwegian Institute of Public Health|Hungnes|Norway
>Spoke|hCoV-19/USA/TX-HMH-MCoV-19337/2020|2020-11-27|EPI_ISL_783772|Original|hCoV-19\^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/CAMB-7C00F/2020|2020-04-12|EPI_ISL_433979|Original|hCoV-19/England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/OR-UW-4300/2020|2020-03-31|EPI_ISL_427173|Original|hCoV-19/Oregon|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/GSTT-265E016/2020|2020-03-30|EPI_ISL_484139|Original|hCoV-19/England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/England/20422146504/2020|2020-09-00|EPI_ISL_584053|Original|hCoV-19/England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-9EA4E9/2020|2020-09-24|EPI_ISL_580042|Original|hCoV-19/England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB8313/2020|2020-10-13|EPI_ISL_594848|Original|hCoV-19/Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Japan/PG-5746/2020|2020-08-00|EPI_ISL_688865|Original|hCoV-19/Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LEED-2A9E1C/2020|2020-03-29|EPI_ISL_538961|Original|hCoV-19/England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C0EC6/2020|2020-10-29|EPI_ISL_650679|Original|hCoV-19/England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-286/2020|2020-03-29|EPI_ISL_437362|Original|hCoV-19/Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/UT-UPHL-201122369/2020|2020-04-20|EPI_ISL_623207|Original|hCoV-19/Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QUEUH-ADS5116/2020|2020-10-25|EPI_ISL_634157|Original|hCoV-19/England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0045/2020|2020-03-18|EPI_ISL_569266|Original|hCoV-19/Provence-Alpes-C'Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/CO-CDPHE-2100023264/2020|2020-11-23|EPI_ISL_771330|Original|hCoV-19/Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Denmark/DGSC-17018/2020|2020-12-14|EPI_ISL_750713|Original|hCoV-19/Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark

>Spike|hCoV-19/USA/TX-HMH-5317/2020|2020-06-25|EPI_ISL_544676|Original|hCoV-19/Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/EDB6730/2020|2020-04-13|EPI_ISL_491560|Original|hCoV-19/Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-AB23FB/2020|2020-10-22|EPI_ISL_623702|Original|hCoV-19/England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-10C804D/2020|2020-12-18|EPI_ISL_741951|Original|hCoV-19/England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-BB3A03/2020|2020-11-19|EPI_ISL_703117|Original|hCoV-19/England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-127873/2020|2020-04-01|EPI_ISL_469609|Original|hCoV-19/England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
| Country         | Region    | Lab Name                          | Institution/Project                                      | Spike Protein |
|-----------------|-----------|-----------------------------------|-----------------------------------------------------------|---------------|
| England         |          | Lighthouse Lab in Alderley Park   | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Spike          |
| Scotland        |          | Lighthouse Lab in Glasgow         | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Spike          |
| England         |          | Oxford Viromics                  | COVID Genomics UK (COG-UK) Consortium                     | Spike          |
| England         |          | Lighthouse Lab in Cambridge      | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Spike          |
| Germany         | North Rhine-Westphalia            | Institute for Virology              | Center of Medical Microbiology                            | Spike          |
| Germany         |          | Hovedstaden                      | Department of Virus and Microbiological Special Diagnostics | Spike          |
| France          | Auvergne-Rhone-Alpes              | CNR Virus des Infections Respiratoires - France SUD| CNR Virus des Infections Respiratoires - France SUD | Spike          |
| France          |          | Washington State Department of Health | Seattle Flu Study | Spike |
| England         |          | Lighthouse Lab in Cambridge      | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Spike          |
| Texas           |          | Human Healthcare                 | Houston Methodist Hospital                               | Spike          |
| France          | Provence-Alpes                      | C\u00f4te-d\u0019Azur                   | MEPHI MEPHI Levasseur                                      | Spike          |
| England         |          | Respiratory Virus Unit            | Respiratory Virus Unit Platt                              | Spike          |
| England         |          | Lighthouse Lab in Milton Keynes   | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Spike          |
| England         |          | Lighthouse Lab in Cambridge      | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Spike          |
| California      |          | San Diego County Public Health Laboratory | Andersen lab at Scripps Research | Spike |
| England         |          | Lighthouse Lab in Alderley Park   | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Spike          |
| England         |          | Lighthouse Lab in Alderley Park   | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Spike          |
| England         |          | Lighthouse Lab in Alderley Park   | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Spike          |
| England         |          | Lighthouse Lab in Alderley Park   | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Spike          |
>Spike|hCoV-19|Finland/26SS9B1/2020|2020-09-26|EPI_ISL_759953|Original|hCoV-19|\(^\text{Uusimaa}\)|Human|Department of Virology and Immunology|Department of Virology|Smur|Finland
>Spike|hCoV-19|USA/NM-UNM-00839|2020-05-04|EPI_ISL_610250|Original|hCoV-19|\(^\text{New Mexico}\)|Human|New Mexico Department of Health Scientific Laboratory Division|Center for Global Health|Domman|USA
>Spike|hCoV-19|India/MH-ACTREC-190/2020|2020-06-22|EPI_ISL_699844|Original|hCoV-19|\(^\text{Maharashtra}\)|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
>Spike|hCoV-19|England/BRIS-1331A6/2020|2020-03-12|EPI_ISL_495118|Original|hCoV-19|\(^\text{England}\)|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/ALDP-A2D9BD/2020|2020-10-06|EPI_ISL_586636|Original|hCoV-19|\(^\text{England}\)|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/ALDP-A958A4/2020|2020-10-19|EPI_ISL_624820|Original|hCoV-19|\(^\text{England}\)|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/CAMC-A66271|2020-10-11|EPI_ISL_638008|Original|hCoV-19|\(^\text{England}\)|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19|Australia/VIC5919/2020|2020-07-21|EPI_ISL_518698|Original|hCoV-19|\(^\text{Victoria}\)|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19|USA/TX-HMH-MCoV-10343/2020|2020-07-08|EPI_ISL_789430|Original|hCoV-19|\(^\text{Texas}\)|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|England/CAMB-71BDC/2020|2020-03-30|EPI_ISL_439534|Original|hCoV-19|\(^\text{England}\)|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19|Japan/PG-8161/2020|2020-07-00|EPI_ISL_687260|Original|hCoV-19|\(^\text{Japan}\)|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19|USA/NY-NYCPHL-000101/2020|2020-03-25|EPI_ISL_631593|Original|hCoV-19|\(^\text{New York}\)|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA
>Spike|hCoV-19|Netherlands/OV-RIVM-20461/2020|2020-11-19|EPI_ISL_728676|Original|hCoV-19|\(^\text{Overijssel}\)|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spike|hCoV-19|Australia/VIC10847/2020|2020-09-08|EPI_ISL_563124|Original|hCoV-19|\(^\text{Victoria}\)|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/QEUH-A1E14E/2020|2020-10-01|EPI_ISL_587484|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DGCC-6275/2020|2020-10-05|EPI_ISL_620035|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-B12A3F/2020|2020-11-01|EPI_ISL_642729|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-6302/2020|2020-04-02|EPI_ISL_430964|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Australia/VIC672/2020|2020-03-27|EPI_ISL_426968|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Switzerland/GE-HUG-2297/2020|2020-03-29|EPI_ISL_429201|Original|hCoV-19^^Geneve|Human|University Hospitals of Geneva Laboratory of Virology|University Hospitals of Geneva Laboratory of Virology|Cordey|Switzerland

>Spike|hCoV-19/USA/WI-GMF-02314/2020|2020-05-03|EPI_ISL_436899|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Oman/8600/2020|2020-04-03|EPI_ISL_491128|Original|hCoV-19^^Muscat|Human|Oman-National Influenza Center|Biotechnology & OMICS Laboratory|Al Mahruli|Oman

>Spike|hCoV-19/USA/CA-CZB-2030/2020|2020-05-08|EPI_ISL_486278|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/USA/CA-CDPH149/2020|2020-09-26|EPI_ISL_755016|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/Guangdong/20SF2546/2020|2020-02-06|EPI_ISL_428458|Original|hCoV-19^^Guangdong|Human|Guangdong Provincial Center for Diseases Control and Prevention;Guangdong Provincial Institute of Public Health|School of Public Health|Gu|China

>Spike|hCoV-19/Scotland/CVR2290/2020|2020-04-11|EPI_ISL_484571|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012689482/2020|2020-07-25|EPI_ISL_745702|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/PORT-2CFA94/2020|2020-05-15|EPI_ISL_493621|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1089/2020|2020-04-18|EPI_ISL_542526|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-666390/2020|2020-07-03|EPI_ISL_555676|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DGCC-12228/2020|2020-11-16|EPI_ISL_682409|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-A64BF0/2020|2020-10-10|EPI_ISL_608547|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5761/2020|2020-07-21|EPI_ISL_518559|Original|hCoV-19^^Victoria|Human/Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/20156046604/2020|2020-04-08|EPI_ISL_466322|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19|Denmark|DCGC-18059|2020|2020-12-14|EPI_ISL_749731|Original|hCoV-19^^Texas|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19|England|NORW-EA813|2020|2020-05-18|EPI_ISL_461869|Original|hCoV-19^^England|Human|Quadrant Institute Biobioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19|Denmark|DCGC-16662|2020|2020-11-16|EPI_ISL_714900|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19|USA|TX-HMH-5510|2020|2020-06-25|EPI_ISL_544834|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19|England|QEUH-A4D23|2020|2020-10-07|EPI_ISL_596103|Original|hCoV-19^^England|Human|Quadrant Institute Biobioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19|England|QEUH-9E34C2|2020|2020-09-22|EPI_ISL_584849|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust / COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|England|ALDP-952A62|2020|2020-06-13|EPI_ISL_554092|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|USA|PA-CDC-9081|2020|2020-03-15|EPI_ISL_450803|Original|hCoV-19^^Pennsylvania|Human|PA Department of Health|Pathogen Discovery|Queen|USA

>Spike|hCoV-19|England|QEUH-B31DD7|2020|2020-11-04|EPI_ISL_646160|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19|England|QEUH-9E34C2|2020|2020-09-22|EPI_ISL_584849|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust / COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|England|ALDP-B46188|2020|2020-11-07|EPI_ISL_656091|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19|Japan|PG-1704|2020|2020-04-00|EPI_ISL_685310|Original|hCoV-19^^Japan|Human|Niigata Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19|England|BRIS-129738|2020|2020-04-01|EPI_ISL_458821|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|England|CAMB-7C53D|2020|2020-04-06|EPI_ISL_441641|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19|Wales|MLIK-9D3FB5|2020|2020-09-18|EPI_ISL_601684|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|Denmark|DCGC-15866|2020|2020-11-23|EPI_ISL_713116|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19|Switzerland|AG-ETHZ-380319|2020|2020-11-26|EPI_ISL_721674|Original|hCoV-19^^Aargau|Human|Vidoler AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19|Denmark|DCGC-12573|2020|2020-11-16|EPI_ISL_682754|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19|Scotland|QEUH-B1064C|2020|2020-11-02|EPI_ISL_649506|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19|Germany|BY-MVP-0101|2020|2020-04-07|EPI_ISL_437292|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19|USA|TX-HMH-2818|2020|2020-06-08|EPI_ISL_543794|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|England/MILK-4B9B89/2020|2020-06-06|EPI_ISL_559164|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/DGCC-19844|2020-12-07|EPI_ISL_747825|Original|hCoV-19
^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
Spike|hCoV-19|Portugal/PT1444/2020|2020-03-25|EPI_ISL_511403|Original|hCoV-19
^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal
Spike|hCoV-19|Spain/IBV-2096/2020|2020-04-11|EPI_ISL_468933|Original|hCoV-19
^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
Spike|hCoV-19|Japan/PG-0169/2020|2020-03-00|EPI_ISL_684135|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19|Australia/VIC6196/2020|2020-07-11|EPI_ISL_518198|Original|hCoV-19
^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL
Spike|hCoV-19|South Africa/KRISP-20964/2020|2020-07-01|EPI_ISL_744527|Original|hCoV-19
^KwaZulu-Natal|Human|NHLS-IALCH
Spike|hCoV-19|USA/UT-UPHL-2009576/2020|2020-07-18|EPI_ISL_605254|Original|hCoV-19
^Utah|Human|Utah Public Health Laboratory|Young|USA
Spike|hCoV-19|France/PAC3C461/2020|2020-05-20|EPI_ISL_645214|Original|hCoV-19
^Provence-Alpes-Cote-d\'Azur|Human|Unit\u00e9 des Virus \u00c9mergents|CNRS
Spike|hCoV-19|South Africa/KRISP-K004596/2020|2020-11-07|EPI_ISL_744527|Original|hCoV-19
^South Africa|Human|Hospital Universitario de Almeria Lab in Almeria Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Scotland/EDB6445/2020|2020-04-22|EPI_ISL_491609|Original|hCoV-19
^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Switzerland/BS-UHB-42197347/2020|2020-03-18|EPI_ISL_528213|Original|hCoV-19
^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland
Spike|hCoV-19|England/ALDP-A85B26/2020|2020-10-17|EPI_ISL_610550|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Switzerland/ZH-ETHZ-100082/2020|2020-03-13|EPI_ISL_451674|Original|hCoV-19
^Zurich|Human|Viollier AG
Spike|hCoV-19|Saudi Arabia/KAUST-MADINAH1147/2020|2020-06-27|EPI_ISL_677999|Original|hCoV-19
^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia
Spike|hCoV-19|Luxembourg/LNS7181694/2020|2020-11-07|EPI_ISL_744527|Original|hCoV-19
^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9
Spike|hCoV-19|USA/UT-UPHL-2009576/2020|2020-07-18|EPI_ISL_605254|Original|hCoV-19
^Utah|Human|Utah Public Health Laboratory|Young|USA
Spike|hCoV-19|France/PAC3C461/2020|2020-05-20|EPI_ISL_645214|Original|hCoV-19
^Provence-Alpes-Cote-d\'Azur|Human|Unit\u00e9 des Virus \u00c9mergents|CNRS
Spike|hCoV-19|South Africa/KRISP-K004596/2020|2020-11-07|EPI_ISL_744527|Original|hCoV-19
^South Africa|Human|Hospital Universitario de Almeria Lab in Almeria Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/CAMB-8407D/2020|2020-04-26|EPI_ISL_438730|Original|hCoV-19
^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
Spike|hCoV-19|England/CAMC-94572F/2020|2020-07-15|EPI_ISL_556950|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/NOR-W-F91E9/2020|2020-11-26|EPI_ISL_702875|Original|hCoV-19
^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
Spike|hCoV-19/England/SHEF-C0D05/2020|2020-08-13|EPI_ISL_517543|Original|hCoV-19
^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
Spike|hCoV-19/Scotland/QEUH-96CCBA/2020|2020-08-21|EPI_ISL_534589|Original|hCoV-19
^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-
University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|England/QEUH-B2DDED/2020|2020-11-03|EPI_ISL_646344|Original|hCoV-19

> England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|Sweden/20-06071/2020|2020-03-20|EPI_ISL_434650|Original|hCoV-19

> England|Human|Follinge Halsocentral|The Public Health Agency of Sweden|Svartstru|00066|Sweden

> Spike|hCoV-19|England/QEUH-AEC61/2020|2020-10-26|EPI_ISL_633474|Original|hCoV-19

> England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|Luxembourg/LNS2632689/2020|2020-12-12|EPI_ISL_740160|Original|hCoV-19

> Luxembourg|Human|Laboratoire national de santé|00e9|Laboratoire national de santé|Wienecke-Baldacchino|Luxembourg

> Spike|hCoV-19|England/MILK-9C3273/2020|2020-09-10|EPI_ISL_566767|Original|hCoV-19

> England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|Wales/PHWC-489F3/2020|2020-10-29|EPI_ISL_652512|Original|hCoV-19

> Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19|England/ALDP-B63264/2020|2020-11-08|EPI_ISL_656503|Original|hCoV-19

> England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|Scotland/EDB10471/2020|2020-11-12|EPI_ISL_705768|Original|hCoV-19

> Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

> Spike|hCoV-19|USA/AZ-TG640816/2020|2020-04-27|EPI_ISL_695773|Original|hCoV-19

> Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

> Spike|hCoV-19|Luxembourg/LNS4400349/2020|2020-11-16|EPI_ISL_740465|Original|hCoV-19

> Luxembourg|Human|Laboratoire national de santé|00e9|Laboratoire national de santé|Wienecke-Baldacchino|Luxembourg

> Spike|hCoV-19|Spain/VC-IBV-98003538/2020|2020-03-28|EPI_ISL_537965|Original|hCoV-19

> Comunitat Valenciana|Human|Servicio de Microbiologia|00eda|Hospital General Universitario de Castellon|000f3n|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

> Spike|hCoV-19|England/ALDP-8CF849/2020|2020-06-24|EPI_ISL_557155|Original|hCoV-19

> England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|England/ALDP-A66860/2020|2020-10-12|EPI_ISL_630524|Original|hCoV-19

> England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|South Africa/KRISP-K003352/2020|2020-09-04|EPI_ISL_602743|Original|hCoV-19

> KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

> Spike|hCoV-19|USA/TX-HMW-MCoV-8773/2020|2020-07-02|EPI_ISL_780745|Original|hCoV-19

> Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

> Spike|hCoV-19|England/MILK-99189A/2020|2020-08-26|EPI_ISL_756999|Original|hCoV-19

> Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust / COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

> Spike|hCoV-19|Brazil/RJ-0720R1/2020|2020-03-24|EPI_ISL_636836|Original|hCoV-19

> Rio de Janeiro|Human|Laborat\00f3rio de Imunofarmacologia - Instituto Oswaldo Cruz|Laborat\00f3rio de Imunofarmacologia - Instituto Oswaldo Cruz|da Silva|Brazil

> Spike|hCoV-19|Australia/VIC8396/2020|2020-08-12|EPI_ISL_564984|Original|hCoV-19

> Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

> Spike|hCoV-19|USA/TX-HMW-MCoV-10462/2020|2020-07-08|EPI_ISL_789486|Original|hCoV-19

> Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

> Spike|hCoV-19|England/20116535/2020|2020-03-12|EPI_ISL_464853|Original|hCoV-19

> England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
| Consortium                  | Temperton | United Kingdom |
|----------------------------|-----------|----------------|
| **19**^England^| Human| University of Exeter| COVID-19 Spike hCoV Val |
| **19**^England^| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davi...|
| **19**^Portugal^| Human| Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)| Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)| Boruges| Portugal |
| **19**^New York^| Human| VA NY Harbor Healthcare System| New York City Public Health Laboratory| Wang| USA |
| **19**^Connecticut^| Human| Grubaugh Lab - Yale School of Public Health| Grubaugh Lab - Yale School of Public Health| USA |
| **19**^England^| Human| Lighthouse Lab in Cambridge| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom |
| **19**^England^| Human| Lighthouse Lab in Milton Keynes| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom |
| **19**^California^| Human| Orange County Public Health Lab| Chan-Zuckerberg Biohub| Kamm| USA |
| **19**^Victoria^| Human| Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)| MDU-PHL| Schultz| Australia |
| **19**^Indonesia^| Human| RS Polri| Eijkman Institute for Molecular Biology| Soebandrio| Indonesia |
| **19**^Sjælland^| Human| Department of Virus and Microbiological Special Diagnostics| Albertsen Lab| Michaelaesen| Denmark |
| **19**^Wisconsin^| Human| WI State Laboratory of Hygiene| Pathogen Discovery| Queen| USA |
| **19**^Comunitat Valenciana^| Human| Hospital Universitari i Polit| U00e8cnia| SeqCOVID-SPAIN consortium/IVB(CSIC)| Comas| Spain |
| **19**^England^| Human| University of Exeter| COVID-19 Genomics UK (COG-UK) Consortium| Temperton| United Kingdom |
Spike|hCoV-19/England/NOTT-114EFF/2020|2020-10-12|EPI_ISL_584779|Original|hCoV-19
Spike|hCoV-19/USA/CA-CZB-9541/2020|2020-04-06|EPI_ISL_672125|Original|hCoV-19
Spike|hCoV-19/California/Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA
Spike|hCoV-19/England/QEUH-A9FEB7/2020|2020-10-19|EPI_ISL_665275|Original|hCoV-19
Spike|hCoV-19/England/Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
Spike|hCoV-19/Wales/PHWC-48D84B/2020|2020-11-13|EPI_ISL_680687|Original|hCoV-19
Spike|hCoV-19/Wales/Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/California/Human|Wellcome Sanger Institute|London, UK|United Kingdom
Spike|hCoV-19/England/Russia/OMS-ORINF1-8296S/2020|2020-05-17|EPI_ISL_639940|Original|hCoV-19
Spike|hCoV-19/USA/MI-MDHS-SC21360/2020|2020-04-01|EPI_ISL_507614|Original|hCoV-19
Spike|hCoV-19/Michigan/Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blantonshe|USA
Spike|hCoV-19/England/NORW-F2423/2020|2020-00-00|EPI_ISL_627084|Original|hCoV-19
Spike|hCoV-19/England/Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
Spike|hCoV-19/USA/TX-DHS-1930/2020|2020-06-21|EPI_ISL_765915|Original|hCoV-19
Spike|hCoV-19/Texas/Human|TXDHS|TXDHS|Rahman|USA
Spike|hCoV-19/Australia/VIC7276/2020|2020-07-24|EPI_ISL_564326|Original|hCoV-19
Spike|hCoV-19/Victoria/Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
Spike|hCoV-19/USA/FL-BPHL-1451/2020|2020-04-08|EPI_ISL_549233|Original|hCoV-19
Spike|hCoV-19/Florida/Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blantonshe|USA
Spike|hCoV-19/USA/ME-MEHTL-J0210/2020|2020-09-22|EPI_ISL_755374|Original|hCoV-19
Spike|hCoV-19/Maine/Human|Maine Health and Environmental Testing Laboratory|Tewhey|USA
Spike|hCoV-19/Germany/SH-ChVir8595/2020|2020-08-19|EPI_ISL_729589|Original|hCoV-19
Spike|hCoV-19/Schleswig-Holstein/Human/A. Krumbholz/Charit\u00e4tsmedizin Berlin|Muehlemann|Germany
Spike|hCoV-19/England/CAMC-BD4617/2020|2020-11-27|EPI_ISL_702064|Original|hCoV-19
Spike|hCoV-19/England/Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/USA/UT-UPHL-2012777664/2020|2020-08-09|EPI-ISL_745780|Original|hCoV-19
Spike|hCoV-19/Utah/Human|Ginkgo Biworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA
Spike|hCoV-19/England/ALDP-9BCDF4/2020|2020-09-09|EPI_ISL_573076|Original|hCoV-19
Spike|hCoV-19/England/Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
Spike|hCoV-19/USA/TX-DHS-1930/2020|2020-06-21|EPI_ISL_765915|Original|hCoV-19
Spike|hCoV-19/Texas/Human|TXDHS|TXDHS|Rahman|USA
Spike|hCoV-19/Australia/VIC7276/2020|2020-07-24|EPI_ISL_564326|Original|hCoV-19
Spike|hCoV-19/Victoria/Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
Spike|hCoV-19/USA/MI-MDHS-SC21360/2020|2020-04-01|EPI_ISL_507614|Original|hCoV-19
Spike|hCoV-19/Michigan/Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blantonshe|USA
Spike|hCoV-19/England/NORW-F2423/2020|2020-00-00|EPI_ISL_627084|Original|hCoV-19
Spike|hCoV-19/England/Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
Spike|hCoV-19/Russia/OMS-ORINF1-8296S/2020|2020-05-17|EPI_ISL_639940|Original|hCoV-19
Spike|hCoV-19/Omsk/Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia
Spike|hCoV-19/England/QEUH-BCBB41/2020|2020-11-27|EPI_ISL_704421|Original|hCoV-19
Spike|hCoV-19/England/Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/Japan/PG-8881/2020|2020-08-00|EPI_ISL_686427|Original|hCoV-19
Spike|hCoV-19/Japan/Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
Spike|hCoV-19/Japan/USA/WI-UW-186/2020|2020-03-23|EPI_ISL_428282|Original|hCoV-19
Spike|hCoV-19/Wisconsin/Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA
>Spike|hCoV-19/Australia/VIC3589/2020|2020-07-09|EPI_ISL_520335|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spik|hCoV-19/Wales/PHWC-49C4DC/2020|2020-11-19|EPI_ISL_742563|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik|hCoV-19/USA/WI-UW-1020/2020|2020-08-04|EPI_ISL_516446|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spik|hCoV-19/USA/IL-NM079/2020|2020-03-19|EPI_ISL_444571|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA
>Spik|hCoV-19/Spain/VC-FISABIO-158/2020|2020-03-19|EPI_ISL_436253|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia, Hospital Universitario Doctor Peset|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain
>Spik|hCoV-19/USA/NY-Wadsworth-292803-01/2020|2020-12-24|EPI_ISL_769964|Original|hCoV-19^^New York|Human|Albany Medical Center Hospital Clinical Laboratories|Wadsworth Center|Lasek-Nesselquist|USA
>Spik|hCoV-19/Spain/CL-IBV-97006319/2020|2020-05-05|EPI_ISL_537680|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SegCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>Spik|hCoV-19/USA/WA-UW-11709/2020|2020-06-15|EPI_ISL_570461|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spik|hCoV-19/Switzerland/BS-42346079/2020|2020-07-09|EPI_ISL_581899|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland
>Spik|hCoV-19/England/ALDP-A52481/2020|2020-10-07|EPI_ISL_597895|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/SHEF-C09D4/2020|2020-04-28|EPI_ISL_475343|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spik|hCoV-19/USA/MN-MDH-310/2020|2020-03-30|EPI_ISL_450771|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA
>Spik|hCoV-19/Japan/PG-1982/2020|2020-04-00|EPI_ISL_685588|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spik|hCoV-19/Australia/VIC1816/2020|2020-05-30|EPI_ISL_480640|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spik|hCoV-19/USA/WI-WSLH-200600/2020|2020-06-26|EPI_ISL_631397|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA
>Spik|hCoV-19/England/MILK-BAA3D7/2020|2020-11-17|EPI_ISL_681524|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/ALDP-AA16E7/2020|2020-10-22|EPI_ISL_624196|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/USA/NM-DOH-2020321224/2020|2020-09-03|EPI_ISL_575294|Original|hCoV-19^^New Mexico|Human|Molecular Biology|Molecular Biology|Johnson|USA
>Spik|hCoV-19/Australia/VIC1121/2020|2020-08-02|EPI_ISL_563298|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spik|hCoV-19/Australia/VIC9697/2020|2020-08-23|EPI_ISL_565660|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/ALDP-B1ACD7/2020|2020-11-01|EPI_ISL_645849|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Sp"ke|hCoV-19/USA/GA-EHC-049W/2020|2020-03-16|EPI_ISL_754761|Original|hCoV-19\^Georgia|Human|Emory Molecular Diagnostics Laboratory|Plantadosi Lab|Plantadosi|USA
>Sp"ke|hCoV-19/England/LIVE-A5B57/2020|2020-03-17|EPI_ISL_499521|Original|hCoV-19\^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Sp"ke|hCoV-19/England/LEED-2AA2A6/2020|2020-04-07|EPI_ISL_538902|Original|hCoV-19\^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp"ke|hCoV-19/Spain/CT-IVB-005633/2020|2020-04-25|EPI_ISL_508666|Original|hCoV-19\^Catalunya|Human|Departamento de Microbiologia\u00eda|SeqCOVID-SPAIN consortium|IVB(CSIC)|Comas|Spain
>Sp"ke|hCoV-19/Denmark/DCGC-14162/2020|2020-11-30|EPI_ISL_711289|Original|hCoV-19\^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Sp"ke|hCoV-19/England/ALDP-A6EB23/2020|2020-10-15|EPI_ISL_606959|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp"ke|hCoV-19/USA/TX-HMH-MCoV-12934/2020|2020-08-18|EPI_ISL_788086|Original|hCoV-19\^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Sp"ke|hCoV-19/Wales/MILK-A46B30/2020|2020-10-06|EPI_ISL_609230|Original|hCoV-19\^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Sp"ke|hCoV-19/USA/CA-ALSR-3129/2020|2020-08-24|EPI_ISL_635862|Original|hCoV-19\^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Sp"ke|hCoV-19/USA/FL-BPHL-0321/2020|2020-04-13|EPI_ISL_489730|Original|hCoV-19\^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Sp"ke|hCoV-19/Jordan/AM-ALSR-3975/2020|2020-10-03|EPI_ISL_636338|Original|hCoV-19\^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan
>Sp"ke|hCoV-19/USA/LA-EVT1601/2020|2020-07-01|EPI_ISL_579014|Original|hCoV-19\^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Ramil|USA
>Sp"ke|hCoV-19/USA/NY-NCIBM-000379/2020|2020-03-25|EPI_ISL_631873|Original|hCoV-19\^New York|Human|Richmond University Medical Center|New York City Public Health Laboratory|Wang|USA
>Sp"ke|hCoV-19/England/CAMB-1B58F2/2020|2020-07-25|EPI_ISL_514444|Original|hCoV-19\^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Sp"ke|hCoV-19/Norway/3646/2020|2020-09-25|EPI_ISL_635188|Original|hCoV-19\^Oslo|Human|Norwegian Institute of Public Health|Norwegian Institute of Public Health|Vollan|Norway
>Sp"ke|hCoV-19/Denmark/DCGC-12346/2020|2020-11-16|EPI_ISL_682527|Original|hCoV-19\^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Sp"ke|hCoV-19/Austria/CeMM0942/2020|2020-03-26|EPI_ISL_583794|Original|hCoV-19\^Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria
>Sp"ke|hCoV-19/USA/TX-HMH-6997/2020|2020-06-28|EPI_ISL_546419|Original|hCoV-19\^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Sp"ke|hCoV-19/USA/LA-EVT1425/2020|2020-12-14|EPI_ISL_779091|Original|hCoV-19\^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Ramil|USA
>Spike|hCoV-19|Wales/QEUH-AD428D/2020|2020-10-26|EPI_ISL_647927|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|Canada/NS-NML-1289/2020|2020-04-08|EPI_ISL_579673|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|Burkina Faso/1683/2020|2020-08-14|EPI_ISL_660513|Original|hCoV-19^^Bobo Dioulasso|Human|Laboratoire de Microbiologie CHU Souro Sanou|Centre Muraz|Ouedraogo|Burkina Faso
>Spike|hCoV-19|Kenya/P1118/2020|2020-04-19|EPI_ISL_457853|Original|hCoV-19^^Kenya|Human|KEMRI-CGMR-C|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya
>Spike|hCoV-19|England/ALDP-C3CA5C/2020|2020-12-10|EPI_ISL_731694|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|England/ALDP-B4703F/2020|2020-11-07|EPI_ISL_656260|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/TX-HMNH-929/2020|2020-04-14|EPI_ISL_545924|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|Egypt/CUNCI-HGC6I002/2020|2020-06-02|EPI_ISL_479719|Original|hCoV-19^^Egypt|Human|Egyptian National Cancer Institute (ENCI)|Egyptian National Cancer Institute (ENCI)|Zekri|Egypt
>Spike|hCoV-19|USA/TX-HMNH-3716/2020|2020-06-16|EPI_ISL_543133|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|England/CAMB-1BBA23/2020|2020-11-17|EPI_ISL_679179|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19|Denmark/DGCC-18479/2020|2020-12-07|EPI_ISL_749992|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19|USA/FL-BFPHL-1936/2020|2020-04-08|EPI_ISL_613788|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19|England/ALDP-C3BF7C/2020|2020-12-10|EPI_ISL_731574|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|Spain/IVB-98008344/2020|2020-10-27|EPI_ISL_654569|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiologia\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IVB(CSIC)|Comas|Spain
>Spike|hCoV-19|Japan/PG-5765/2020|2020-08-00|EPI_ISL_688884|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
>Spike|hCoV-19|England/ALDP-C3BF7C/2020|2020-12-10|EPI_ISL_731574|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|Switzerland/ZH-UZH-MV111/2020|2020-12-19|EPI_ISL_730628|Original|hCoV-19^^Zurich|Human|M\u00e4nndorf Hospital|Institute of Medical Virology|Schmutz|Switzerland
>Spike|hCoV-19|England/ALDP-B5E660/2020|2020-11-08|EPI_ISL_655330|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|England/LOND-D4348/2020|2020-04-06|EPI_ISL_444118|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spike|hCoV-19|England/MILK-B06139/2020|2020-10-24|EPI_ISL_642937|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|England/LOND-1244AD/2020|2020-03-21|EPI_ISL_492883|Original|hCoV-19^^England|Human|Royal Free Hospital / Health Services Laboratories|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-B24302/2020|2020-11-04|EPI_ISL_646926|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/MI-QDX-2141/2020|2020-03-17|EPI_ISL_604465|Original|hCoV-19
^England|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/England/CAMB-1BB346/2020|2020-11-16|EPI_ISL_665006|Original|hCoV-19
^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/Wales/PHWC-16E02D/2020|2020-10-03|EPI_ISL_585656|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/MA-GMH-03564/2020|2020-11-30|EPI_ISL_765866|Original|hCoV-19
^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA
>Spike|hCoV-19/Switzerland/SO-ETHZ-420319/2020|2020-12-20|EPI_ISL_768203|Original|hCoV-19
^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/Denmark/DGCC-12978/2020|2020-12-07|EPI_ISL_712503|Original|hCoV-19
^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/WA-UW-21986/2020|2020-08-06|EPI_ISL_571009|Original|hCoV-19
^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/England/CAMB-1BC27/2020|2020-05-07|EPI_ISL_458562|Original|hCoV-19
^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/SHEF-C5A72/2020|2020-05-25|EPI_ISL_535058|Original|hCoV-19
^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/USA/CA-ALSR-1121/2020|2020-04-03|EPI_ISL_494374|Original|hCoV-19
^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/USA/UT-04056/2020|2020-05-12|EPI_ISL_483024|Original|hCoV-19
^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA
>Spike|hCoV-19/Wales/PHWC-48C67F/2020|2020-11-07|EPI_ISL_666453|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Singapore/253/2020|2020-03-21|EPI_ISL_462371|Original|hCoV-19
^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Jalal|Singapore
>Spike|hCoV-19/USA/WA-S2913/2020|2020-10-05|EPI_ISL_596444|Original|hCoV-19
^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA
>Spike|hCoV-19/USA/WI-GMF-32403/2020|2020-11-09|EPI-ISL_661144|Original|hCoV-19
^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA
>Spike|hCoV-19/England/CAMB-1BC3CD/2020|2020-00-00|EPI_ISL_723868|Original|hCoV-19
^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/USA/WA-UW-8421/2020|2020-05-01|EPI_ISL_570206|Original|hCoV-19
^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/Norway/3987/2020|2020-09-21|EPI_ISL_590956|original|hCoV-19
^Rogaland|Human|Dept. of Medical Microbiology|Norwegian Institute of Public Health|Vollan|Norway
>Spike|hCoV-19/DRC/3829/2020|2020-04-24|EPI_ISL_447246|Original|hCoV-19
^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Amuri|Democratic Republic of the Congo
>Spike|hCoV-19/England/MILK-993D8A/2020|2020-08-27|EPI_ISL_552190|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Spain/IVB-000707/2020|2020-03-05|EPI_ISL_452759|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz,|SeqCOVID-SPAIN consortium/IVB(CSIC)|Comas|Spain
Spike|hCoV-19|USA/TX-HMH-2800/2020|2020-06-08|EPI_ISL_545563|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|England/PORT-2DODE2/2020|2020-03-30|EPI_ISL_476287|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
Spike|hCoV-19|Norway/6251/2020|2020-11-24|EPI_ISL_775368|Original|hCoV-19^^England|Human|Northern Institute of Public Health|Vollan|Norway
Spike|hCoV-19|USA/WA-S98/2020|2020-02-29|EPI_ISL_417151|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
Spike|hCoV-19|England/ALDP-B1C112/2020|2020-10-31|EPI_ISL_645863|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|Wales/PHWC-168D68/2020|2020-04-18|EPI_ISL_492361|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19|USA/UT-05810/2020|2020-05-12|EPI_ISL_483031|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA
Spike|hCoV-19|Australia/VIC271/2020|2020-03-22|EPI_ISL_419964|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia
Spike|hCoV-19|Denmark/DGCC-12174/2020|2020-11-23|EPI_ISL_682355|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
Spike|hCoV-19|England/CAMB-75F81/2020|2020-03-29|EPI_ISL_438410|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
Spike|hCoV-19|England/ALDP-A6F6A9/2020|2020-10-15|EPI_ISL_467972|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Germany/BY-MVP-0218/2020|2020-04-22|EPI_ISL_466891|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany
Spike|hCoV-19|England/204590562/2020|2020-11-06|EPI_ISL_700656|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
Spike|hCoV-19|England/ALDP-59E12D/2020|2020-06-14|EPI_ISL_558740|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/LIVE-DB2CEE/2020|2020-10-27|EPI_ISL_637313|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
Spike|hCoV-19|USA/CA-SR0230/2020|2020-04-24|EPI_ISL_437573|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
Spike|hCoV-19|England/PORT-2D49EA/2020|2020-10-15|EPI_ISL_613298|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
Spike|hCoV-19|England/ALDP-B75715/2020|2020-11-12|EPI_ISL_741091|Original|hCoV-19^^England|Human|Oxford Wiromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
Spike|hCoV-19|Wales/PHWC-489CE9/2020|2020-10-28|EPI_ISL_652481|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19|England/ALDP-9BDF1B/2020|2020-09-10|EPI_ISL_567947|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19|USA/MI-MDHS-SC21266/2020|2020-04-03|EPI_ISL_507521|Original|hCoV-19
>Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spik|hCoV-19|Austria/CeMMo209/2020|2020-03-16|EPI_ISL_438046|Original|hCoV-19
>Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spik|hCoV-19|USA/CA-LACPFL-AB00035/2020|2020-09-01|EPI_ISL_708727|Original|hCoV-19
>California|Human|Los Angeles County Public Health Laboratory|Los Angeles County Public Health Laboratory|Hemarajata|USA

>Spik|hCoV-19|India/MI-AFCO-9996/2020|2020-06-26|EPI_ISL_722196|Original|hCoV-19
>Maharashtra|Human|Armed Forces Medical College|National Reference Laboratory for Cell Science|Paul|India

>Spik|hCoV-19|USA/MA/WHU02/2020|2020-01-02|EPI_ISL_406717|Original|hCoV-19
>Hubei|Human|State Key Laboratory of Virology|State Key Laboratory of Virology|Submitter|China

>Spik|hCoV-19|USA/TX-HMH-MCoV-8251/2020|2020-07-08|EPI_ISL_784291|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Ustianuk|USA

>Spik|hCoV-19|England/QEUH-A49906/2020|2020-10-06|EPI_ISL_628437|Original|hCoV-19
>England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spik|hCoV-19|England/MILK-9929B1/2020|2020-08-27|EPI_ISL_551982|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19|England/CAMB-1B8376/2020|2020-10-19|EPI_ISL_637745|Original|hCoV-19
>England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spik|hCoV-19|France/BRE-2337/2020|2020-03-03|EPI_ISL_416506|Original|hCoV-19
>Bretagne|Human|CHRU Pontchaillou - Laboratoire de Virologie|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spik|hCoV-19|South Africa/N00027/2020|2020-08-12|EPI_ISL_623040|Original|hCoV-19
>Eastern Cape|Human|National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spik|hCoV-19|Japan/PG-2037/2020|2020-05-06|EPI_ISL_685642|Original|hCoV-19
>Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spik|hCoV-19|England/NORW-EAA4A/2020|2020-05-16|EPI_ISL_461883|Original|hCoV-19
>England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Amato|United Kingdom

>Spik|hCoV-19|England/CAMB-7EAE1/2020|2020-04-07|EPI_ISL_442849|Original|hCoV-19
>England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spik|hCoV-19|England/QEUH-A1E560/2020|2020-10-01|EPI_ISL_587344|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19|USA/TX-HMH-1962/2020|2020-05-15|EPI_ISL_542923|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Ustianuk|USA

>Spik|hCoV-19|USA/FL-BFHL-1341/2020|2020-07-15|EPI_ISL_541279|Original|hCoV-19
>Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spik|hCoV-19|USA/VA-DCLS-0574/2020|2020-04-01|EPI_ISL_500832|Original|hCoV-19
>Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spik|hCoV-19|USA/MA-MASPHL-00732/2020|2020-09-24|EPI_ISL_692940|Original|hCoV-19
>Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spik|hCoV-19|Wales/PHWC-15E06C/2020|2020-05-12|EPI_ISL_472790|Original|hCoV-19
>Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Canada/ON-PHL-20-00007/2020|2020-00-00|EPI_ISL_548690|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada
>Spik|hCoV-19/USA/TX-HMWH-6356/2020|2020-07-05|EPI_ISL_547413|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19/England/MILK-AC72B7/2020|2020-10-21|EPI_ISL_630193|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/India/TG-CCMB-K128/2020|2020-04-10|EPI_ISL_447579|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India
>Spik|hCoV-19/Luxembourg/LNS5913589|2020-10-28|EPI_ISL_744323|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de santé|Laboratoire national de santé|Wienecke-Baldacchino|Luxembourg
>Spik|hCoV-19/USA/TX-HMWH-908/2020|2020-04-14|EPI_ISL_545910|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19/USA/FL-BPHL-1099/2020|2020-06-08|EPI_ISL_526575|Original|hCoV-19^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spik|hCoV-19/USA/NY-NYMC52/2020|2020-03-19|EPI_ISL_420307|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
>Spik|hCoV-19/Gambia/GC19-3146/2020|2020-07-27|EPI_ISL_561171|Original|hCoV-19^^Gambia|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia
>Spik|hCoV-19/USA/WI-UW-229|2020-03-26|EPI_ISL_428325|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA
>Spik|hCoV-19/Guangzhou/GZMU0017/2020|2020-02-05|EPI_ISL_429079|Original|hCoV-19^^Guangzhou|Human|The First Affiliated Hospital of Guangzhou Medical University|BGI-shenzhen & The First Affiliated Hospital of Guangzhou Medical University|Ji|China
>Spik|hCoV-19/USA/TX-HMWH-MCoV-13392/2020|2020-08-23|EPI_ISL_788535|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19/USA/FL-BPHL-0377/2020|2020-04-23|EPI_ISL_489786|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spik|hCoV-19/England/QEUH-AD2322/2020|2020-10-26|EPI_ISL_629916|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/USA/TX-HMWH-MCoV-10873/2020|2020-07-09|EPI_ISL_789669|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|hCoV-19/Scotland/QEUH-96B37A/2020|2020-08-17|EPI_ISL_534688|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/ALDP-9CBD6B/2020|2020-09-16|EPI_ISL_575594|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/India/MH-ACTREC-444/2020|2020-08-05|EPI_ISL_700092|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

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*Note: The above text is a subset of the full content, focusing on the first few entries.*
COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/England/20099048404/2020|2020-02-28|EPI_ISL_464205|Original|hCoV-19^^England|Human|2009 Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

Spike|hCoV-19/Denmark/DCGC-11040/2020|2020-10-12|EPI_ISL_670360|Original|hCoV-19^-Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

Spike|hCoV-19/Scotland/EDB10501/2020|2020-10-10|EPI_ISL_702528|Original|hCoV-19^-Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

Spike|hCoV-19/Denmark/DCGC-5967/2020|2020-10-27|EPI_ISL_621076|Original|hCoV-19^-Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

Spike|hCoV-19/USA/TX-HMH-MCoV-18593/2020|2020-10-19|EPI_ISL_784941|Original|hCoV-19^-Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19/Scotland/SCVR1249/2020|2020-06-31|EPI_ISL_438779|Original|hCoV-19^-Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

Spike|hCoV-19/France/ARA-112613/2020|2020-06-26|EPI_ISL_745337|Original|hCoV-19^-Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

Spike|hCoV-19/England/LIVE-DC68F2/2020|2020-10-11|EPI_ISL_705377|Original|hCoV-19^-England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

Spike|hCoV-19/Scotland/NOTT-115ACD/2020|2020-06-16|EPI_ISL_595283|Original|hCoV-19^-England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

Spike|hCoV-19/USA/WA-S1733/2020|2020-06-01|EPI_ISL_496159|Original|hCoV-19^-Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

Spike|hCoV-19/USA/CA-ALSR-1537/2020|2020-05-11|EPI_ISL_494650|Original|hCoV-19^-California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

Spike|hCoV-19/USA/VA-DCLS-0860/2020|2020-04-30|EPI_ISL_516656|Original|hCoV-19^-Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacobs|USA

Spike|hCoV-19/Singapore/1446/2020|2020-12-06|EPI_ISL_728182|Original|hCoV-19^-Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

Spike|hCoV-19/Japan/NF-07/2020|2020-03-01|EPI_ISL_591477|Original|hCoV-19^-Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan

Spike|hCoV-19/England/QUEH-B11308/2020|2020-11-02|EPI_ISL_642619|Original|hCoV-19^-England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/England/BRIS-12CAD2/2020|2020-04-18|EPI_ISL_481803|Original|hCoV-19^-England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/SHEF-CBBA6/2020|2020-03-24|EPI_ISL_442399|Original|hCoV-19^-England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

Spike|hCoV-19/England/ALDP-94A55D/2020|2020-06-11|EPI_ISL_556313|Original|hCoV-19^-England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/CAMB-81948/2020|2020-04-13|EPI_ISL_443101|Original|hCoV-19|England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19|England/ALDP-B5C152/2020|2020-11-08|EPI_ISL_655862|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|England/OXON-AE4BD/2020|2020-00-00|EPI_ISL_488696|Original|hCoV-19|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19|USA/MN-MDH-1896/2020|2020-10-23|EPI_ISL_613530|Original|hCoV-19|Minnesota|Human|Public Health Laboratory - Infectious Disease Lab|Minnesota Department of Health|Lorentz|USA
>Spike|hCoV-19|USA/CA-ALS-R-4879/2020|2020-11-09|EPI_ISL_730195|Original|hCoV-19|California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19|Netherlands/ZuidHolland_62/2020|2020-03-23|EPI_ISL_422930|Original|hCoV-19|Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19|England/CAMB-1AE6E3/2020|2020-04-30|EPI_ISL_459486|Original|hCoV-19|England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/20140009304/2020|2020-03-28|EPI_ISL_423386|Original|hCoV-19|England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19|USA/MI-MDHHS-SC20437/2020|2020-03-09|EPI_ISL_452311|Original|hCoV-19|Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19|USA/CA-CZB-10285/2020|2020-09-04|EPI_ISL_583016|Original|hCoV-19|California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA
>Spike|hCoV-19|Australia/NSW136/2020|2020-03-23|EPI_ISL_427692|Original|hCoV-19^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spike|hCoV-19|England/20130092504/2020|2020-03-22|EPI_ISL_423683|Original|hCoV-19|England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19|Netherlands/NoordBrabant_2/2020|2020-03-03|EPI_ISL_414449|Original|hCoV-19|Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19|France/PAC-IHU-0549/2020|2020-04-08|EPI_ISL_569587|Original|hCoV-19^Provence-Alpes-C\u00f4te-d\u00eavau19Azur|Human|MEPHI|MEPHI|Levasseur|France
>Spike|hCoV-19|England/ALDP-B47D56/2020|2020-11-07|EPI_ISL_649317|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/TX-HMH-MCoV-18490/2020|2020-11-19|EPI_ISL_784838|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|England/QEUH-B13694/2020|2020-11-02|EPI_ISL_642336|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|England/ALDP-B84036/2020|2020-11-14|EPI_ISL_674445|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|Ireland/KK-NVRL-761IRL28885/2020|2020-10-18|EPI_ISL_732492|Original|hCoV-19^Kilkenny|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland
>Spike|hCoV-19|Australia/VIC2925/2020|2020-07-06|EPI_ISL_521756|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19|Denmark/DGCC-17569/2020|2020-12-14|EPI_ISL_750241|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19|England|BRIS-124111/2020|2020-04-08|EPI_ISL_492835|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Australia|VIC2124/2020|2020-06-18|EPI_ISL_480727|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spikes|hCoV-19|England|ALDP-9E57E5/2020|2020-09-24|EPI_ISL_589533|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19|Canada|BC-BCCDC-6463/2020|2020-10-00|EPI_ISL_740608|Original|hCoV-19^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada
>Spikes|hCoV-19|Spain|MD-IBV-003657/2020|2020-04-01|EPI_ISL_467239|Original|hCoV-19^Madrid|Human|Hospital General Universitario Gregorio Marañón|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>Spikes|hCoV-19|Denmark|DCGC-4632/2020|2020-09-21|EPI_ISL_621301|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelisen|Denmark
>Spikes|hCoV-19|England|20138004804/2020|2020-03-25|EPI_ISL_423268|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spikes|hCoV-19|USA|WA-UW-12334/2020|2020-06-27|EPI_ISL_570506|Original|hCoV-19^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spikes|hCoV-19|England|QEUH-A0CA75/2020|2020-10-03|EPI_ISL_585005|Original|hCoV-19^England|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spikes|hCoV-19|USA|NY-NYCPHL-001221/2020|2020-11-04|EPI_ISL_683888|Original|hCoV-19^New York|Human|DOHMH Fort Greene|New York City Public Health Laboratory|Wang|USA
>Spikes|hCoV-19|Denmark|DCGC-4031/2020|2020-09-14|EPI_ISL_615804|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelisen|Denmark
>Spikes|hCoV-19|USA|MN-MDH-295/2020|2020-03-26|EPI_ISL_450763|Original|hCoV-19^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA
>Spikes|hCoV-19|England|CAMC-B348C4/2020|2020-11-05|EPI_ISL_659498|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19|South Africa|KRISP-K004287/2020|2020-07-29|EPI_ISL_660168|Original|hCoV-19^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
>Spikes|hCoV-19|Scotland|EDB3781/2020|2020-04-29|EPI_ISL_439322|Original|hCoV-19^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spikes|hCoV-19|South Korea|KCDC2313/2020|2020-05-26|EPI_ISL_510649|Original|hCoV-19^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea
>Spikes|hCoV-19|England|ALDP-C3D66/2020|2020-12-10|EPI_ISL_730859|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19|England|ALDP-B73E21/2020|2020-11-12|EPI_ISL_664893|Original|hCoV-19^England|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spikes|hCoV-19|Netherlands|OV-EMC-90/2020|2020-09-07|EPI_ISL_722844|Original|hCoV-19^Overijssle|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oud Munnik|Netherlands
>Spikes|hCoV-19|England|MILK-9A9F6D/2020|2020-08-31|EPI_ISL_550906|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19|Wales|PHWC-15D407/2020|2020-04-11|EPI_ISL_472715|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Scotland/EDB1102/2020|2020-04-08|EPI_ISL_433395|Original|hCoV-19
>Scotland|Human|Virolology Department|COVID-19 Genomics UK (COG-UK)
Consortium|Williams|United Kingdom
>Spike|hCoV-19/Scotland/CVR3821/2020|2020-05-22|EPI_ISL_478147|Original|hCoV-19
>Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK)
Consortium|Robertson|United Kingdom
>Spike|hCoV-19/Wales/PHWC-321C6/2020|2020-04-13|EPI_ISL_446616|Original|hCoV-19
>Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology
Cardiff|Moore|United Kingdom
>Spike|hCoV-19/England/LOND-124DB0/2020|2020-00-00|EPI_ISL_584650|Original|hCoV-19
>England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK)
Consortium|Byott|United Kingdom
>Spike|hCoV-19/USA/TX-HMW-MCoV-9509/2020|2020-07-03|EPI_ISL_780477|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Denmark/DGCC-8971/2020|2020-10-26|EPI_ISL_625845|Original|hCoV-19
>Syddanmark|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen lab|Michaelelsen|Denmark
>Spike|hCoV-19/England/QEUH-C3736D/2020|2020-12-11|EPI_ISL_733923|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)
Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-B2DF8/2020|2020-11-04|EPI_ISL_659752|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)
Consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/EDB1173/2020|2020-04-08|EPI_ISL_433423|Original|hCoV-19
>Scotland|Human|Virolology Department|COVID-19 Genomics UK (COG-UK)
Consortium|Williams|United Kingdom
>Spike|hCoV-19/Luxembourg/LNS8485858/2020|2020-11-06|EPI_ISL_744746|Original|hCoV-19
>Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9
>Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/England/SHEF-C0242/2020|2020-03-27|EPI_ISL_420187|Original|hCoV-19
>England|Human|Virolology Department|Department of Infection|de Silva|United Kingdom
>Spike|hCoV-19/Australia/VIC1954/2020|2020-06-10|EPI_ISL_480678|Original|hCoV-19
>Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL
and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/PORT-2D763B/2020|2020-11-04|EPI_ISL_652620|Original|hCoV-19
>England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK)
Consortium|Robson|United Kingdom
>Spike|hCoV-19/England/QEUH-AE5210/2020|2020-10-27|EPI_ISL_633243|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)
Consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC15778/2020|2020-08-13|EPI_ISL_593453|Original|hCoV-19
>Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/MILK-9D46EC/2020|2020-09-18|EPI_ISL_601521|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)
Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-C17F0D/2020|2020-12-06|EPI_ISL_709469|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)
Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WA-S759/2020|2020-04-14|EPI_ISL_449929|Original|hCoV-19
>Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
>Spike|hCoV-19/Japan/PG-5099/2020|2020-08-00|EPI_ISL_690209|Original|hCoV-19
>Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/CAMB-80FB0/2020|2020-04-15|EPI_ISL_438551|Original|hCoV-19
>England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK)
Consortium|Meredith|United Kingdom
>Spike|hCoV-19/Japan/PG-8058/2020|2020-09-00|EPI_ISL_687159|Original|hCoV-19
>Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
COVID-19 England Human Lighthouse Lab in Alderley Park Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium

COVID-19 California Human Scripps Research Gangavarapu USA

COVID-19 Florida Human Florida Bureau of Public Health Laboratories Blanton USA

COVID-19 Florida Human Florida Bureau of Public Health Laboratories Blanton USA

COVID-19 California Human San Diego County Public Health Laboratory Andersen lab at Scripps Research Gangavarapu USA

COVID-19 Louisiana Human LSUHS Emerging Viral Threat Laboratory Microbial Genome Sequencing Center Kamil USA

COVID-19 England Human ALDP-C3D4F 2020-12-10 EPI_ISL_731867 Original hCoV-19

COVID-19 England Human Lighthouse Lab in Alderley Park Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium Davies United Kingdom
> Spike[hCoV-19/England/LIVE-DC4DC8/2020|2020-11-10|EPI_ISL_703225|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
> Spike[hCoV-19/Northern Ireland/NIRE-FEB40/2020|2020-05-04|EPI_ISL_489284|Original|hCoV-19|Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike[hCoV-19/Japan/PG-3911/2020|2020-06-00|EPI_ISL_692162|Original|hCoV-19|Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
> Spike[hCoV-19/England/MILK-B3C923/2020|2020-11-02|EPI_ISL_706168|Original|hCoV-19|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
> Spike[hCoV-19/England/MILK-ABB811/2020|2020-10-21|EPI_ISL_623430|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike[hCoV-19/USA/WI-UW-315/2020|2020-04-17|EPI_ISL_436609|Original|hCoV-19|Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
> Spike[hCoV-19/England/CMAC-A593AB/2020|2020-10-07|EPI_ISL_596976|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike[hCoV-19/USA/CA-CZB-5171/2020|2020-08-12|EPI_ISL_583220|Original|hCoV-19|California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA
> Spike[hCoV-19/Oman/RESP-20-B-15345/2020|2020-05-21|EPI_ISL_518829|Original|hCoV-19|Muscat|Human|Oman-National Influenza Center|Biotechnology & OMICs Laboratory|Al Mahruiq|Oman
> Spike[hCoV-19/Scotland/CVR5262/2020|2020-10-16|EPI_ISL_627421|Original|hCoV-19|Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Roberson|United Kingdom
> Spike[hCoV-19/USA/TX-HMH-MCoV-15318/2020|2020-10-19|EPI_ISL_786802|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike[hCoV-19/Netherlands/ZH-EMC-955/2020|2020-11-07|EPI_ISL_722303|Original|hCoV-19|Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
> Spike[hCoV-19/USA/GA-UW-MAYO64/2020|2020-03-22|EPI_ISL_500515|Original|hCoV-19|Georgia|Human|Mayo Clinic Laboratories|University of Washington Virology Lab|Roychoudhury|USA
> Spike[hCoV-19/England/LIVE-A5FA6/2020|2020-03-21|EPI_ISL_499670|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
> Spike[hCoV-19/England/CAMB-1BAB6D/2020|2020-11-13|EPI_ISL_664531|Original|hCoV-19|England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
> Spike[hCoV-19/Canada/NS-NML-1249/2020|2020-04-06|EPI_ISL_579640|Original|hCoV-19|Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada
> Spike[hCoV-19/USA/MI-MDHHS-SC22377/2020|2020-11-09|EPI_ISL_708357|Original|hCoV-19|Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA
> Spike[hCoV-19/USA/MI-QDX-1563/2020|2020-03-16|EPI_ISL_603945|Original|hCoV-19|Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
> Spike[hCoV-19/England/ALDP-C6B720/2020|2020-12-14|EPI_ISL_778599|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike[hCoV-19/England/QEUH-9DCD0D/2020|2020-09-21|EPI_ISL_599815|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Gambia/GC19-3085/2020|2020-07-25|EPI_ISL_561163|Original|hCoV-19^^Gambia|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/England/QEUH-960964/2020|2020-08-04|EPI_ISL_531938|Original|hCoV-19^^England|Human|Lighthouse Lab in Edinburgh|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19/Saudi Arabia/KAUST-RYADH1205/2020|2020-06-05|EPI_ISL_678203|Original|hCoV-19^^Saudi Arabia|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzalli|Saudi Arabia

>Spoke|hCoV-19/USA/OR-OHSU-3083/2020|2020-10-01|EPI_ISL_667474|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spoke|hCoV-19/Australia/TAS268/2020|2020-04-11|EPI_ISL_522696|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spoke|hCoV-19/New Zealand/20CV0434/2020|2020-10-16|EPI_ISL_622779|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spoke|hCoV-19/Japan/PG-3926/2020|2020-07-00|EPI_ISL_692177|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spoke|hCoV-19/Wuhan/BB-293/2020|2020-03-18|EPI_ISL_455393|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spoke|hCoV-19/USA/WI-UW-2181/2020|2020-10-22|EPI_ISL_677585|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spoke|hCoV-19/England/LIVE-A9d20/2020|2020-03-24|EPI_ISL_517355|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spoke|hCoV-19/USA/HI-H200053/2020|2020-04-13|EPI_ISL_752638|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spoke|hCoV-19/USA/TX-HMH-4173/2020|2020-06-18|EPI_ISL_543410|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spoke|hCoV-19/Bangladesh/DNAS_DRCIM_isl_GL-01/2020|2020-07-04|EPI_ISL_774950|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRCIM)|DNA SOLUTION LTD. |Rabbi|Bangladesh

>Spoke|hCoV-19/England/QEUH-AF09A4/2020|2020-10-29|EPI_ISL_662836|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spoke|hCoV-19/Denmark/DGCC-1909/2020|2020-05-25|EPI_ISL_622499|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spoke|hCoV-19/Australia/TAS110/2020|2020-04-09|EPI_ISL_525576|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spoke|hCoV-19/Denmark/ALAB-HH-101/2020|2020-03-09|EPI_ISL_451988|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spoke|hCoV-19/England/MILK-B5A36D/2020|2020-11-06|EPI_ISL_658399|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spoke|hCoV-19/Australia/NWS68/2020|2020-03-24|EPI_ISL_427751|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health; NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spoke|hCoV-19/England/CMAC-97D4A3/2020|2020-09-20|EPI_ISL_584374|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/England/QEUH-BC3C46/2020|2020-11-25|EPI_ISL_703887|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>SpikexhCoV-19/England/QEUH-B6A519/2020|2020-11-11|EPI_ISL_662464|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>SpikexhCoV-19/England/LOND-D5F25/2020|2020-04-19|EPI_ISL_444263|Original|hCoV-19
^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>SpikexhCoV-19/England/BIRM-5ECE1/2020|2020-04-29|EPI_ISL_447939|Original|hCoV-19
^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>SpikexhCoV-19/England/NOTT-10E836/2020|2020-03-25|EPI_ISL_425600|Original|hCoV-19
^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>SpikexhCoV-19/CANADA/ON-UGHTC_0338/2020|2020-09-10|EPI_ISL_609823|Original|hCoV-19
^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>SpikexhCoV-19/England/BRIS-12E85E/2020|2020-04-22|EPI_ISL_488290|Original|hCoV-19
^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>SpikexhCoV-19/Belgium/rega-0407891/2020|2020-04-07|EPI_ISL_734542|Original|hCoV-19
^Perwez|Human|UZ Leuven|KU Leuven|Maes|Belgium

>SpikexhCoV-19/Spain/CM-IBV-003757/2020|2020-04-03|EPI_ISL_474802|Original|hCoV-19
^Castilla La Mancha|Human|Complejo Hospitalario Universitario de Albacete|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>SpikexhCoV-19/USA/LA-CDC-1894/2020|2020-03-23|EPI_ISL_436044|Original|hCoV-19
^Louisiana|Human|Louisiana Office of Public Health Laboratories|Pathogen Discovery|Queen|USA

>SpikexhCoV-19/England/ONXON-AEAF7/2020|2020-00-00|EPI_ISL_448755|Original|hCoV-19
^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>SpikexhCoV-19/Belgium/ULG-10459/2020|2020-08-28|EPI_ISL_581581|Original|hCoV-19
^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>SpikexhCoV-19/England/ALDP-A2E8BF/2020|2020-10-05|EPI_ISL_587299|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>SpikexhCoV-19/Sweden/20-53084/2020|2020-10-06|EPI_ISL_648135|Original|hCoV-19
^Sweden|Human|The Public Health Agency of Sweden|The Public Health Agency of Sweden|Svarstr\u00f6|Sweden

>SpikexhCoV-19/Denmark/DCGC-8146/2020|2020-10-26|EPI_ISL_617207|Original|hCoV-19
^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albersen lab|Michaelisen|Denmark

>SpikexhCoV-19/England/ALDP-9E1CDB/2020|2020-09-19|EPI_ISL_581364|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>SpikexhCoV-19/Australia/VIC10689/2020|2020-08-01|EPI_ISL_563032|Original|hCoV-19
^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>SpikexhCoV-19/England/MILK-9FQADF/2020|2020-09-24|EPI_ISL_589643|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>SpikexhCoV-19/India/GJ-GBRC55/2020|2020-05-04|EPI_ISL_444846|Original|hCoV-19
^Gujarat|Human|Gujarat Biotechnology Research Centre|Gujarat Biotechnology Research Centre|Joshi|India

>SpikexhCoV-19/Wales/PWLC-164643/2020|2020-05-10|EPI_ISL_474208|Original|hCoV-19
^Wales|Human-Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19|Wales|PHWC-2A0C4|2020|2020-04-04|EPI_ISL_431901|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spke|hCoV-19|Spain|VC-IBV-98002652|2020|2020-03-20|EPI_ISL_537996|Original|hCoV-19|Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Arnau de Vilaeva|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>Spke|hCoV-19|India|WB-S81|2020|2020-05-26|EPI_ISL_508471|Original|hCoV-19|West Bengal|Human|ICMR-National Institute of Cholera and Enteric Diseases|National Institute of Biomedical Genomics|Maitra|India
>Spke|hCoV-19|Sweden|20-50087|2020|2020-03-05|EPI_ISL_429138|Original|hCoV-19|Varmland|Human|Klinisk mikrobiologi OeBoro|The Public Health Agency of Sweden|Svarstru|0066|Sweden
>Spke|hCoV-19|USA|WA-S1255|2020|2020-05-13|EPI_ISL_495705|Original|hCoV-19|Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spke|hCoV-19|Spain|AR-IBV-005044|2020|2020-04-20|EPI_ISL_510347|Original|hCoV-19|Aragon|Human|Servicio de Microbiologia|u00eda|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>Spke|hCoV-19|USA|MA-MGH-02808|2020|2020-09-25|EPI_ISL_765641|Original|hCoV-19|Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA
>Spke|hCoV-19|USA|TX-DSHS-0567|2020|2020-05-14|EPI_ISL_57469|Original|hCoV-19|Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spke|hCoV-19|England|CAMC-A66183|2020|2020-10-11|EPI_ISL_637776|Original|hCoV-19|England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spke|hCoV-19|Chile|RM-191288|2020|2020-09-26|EPI_ISL_754393|Original|hCoV-19|Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile
>Spke|hCoV-19|England|ALDP-C58A87|2020|2020-12-13|EPI_ISL_736045|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19|England|NORT-29E542|2020|2020-05-01|EPI_ISL_493518|Original|hCoV-19|England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust |COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19|Northern Ireland|NIRE-10526|2020|2020-03-31|EPI_ISL_461780|Original|hCoV-19|Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
>Spke|hCoV-19|Italy|TUS-DBM-2|2020|2020-03-00|EPI_ISL_583959|Vero|hCoV-19|Tuscany|Human|UOC Microbiologia e Virologia|Dipartimento di Biotecnologie Mediche|Pinzauti|Italy
>Spke|hCoV-19|USA|UT-011|2020|2020-03-11|EPI_ISL_417959|Original|hCoV-19|Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spke|hCoV-19|USA|AZ-TG273294|2020|2020-03-31|EPI_ISL_426561|Original|hCoV-19|Arizona|Human|AZ SPHL|TGen North|Lemmer|USA
>Spke|hCoV-19|Czech Republic|NRL-58862|2020|2020-04-08|EPI_ISL_539779|Original|hCoV-19|Moravian-Silesian Region|Human|National Institute of Public Health (Czech Republic)|State Veterinary Institute Prague|Nagy|Czech Republic
>Spke|hCoV-19|USA|TX-HMH-MCoV-14887|2020|2020-10-14|EPI_ISL_786371|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
**Spike**|hCoV-19/England/LIVE-DBE74B/2020|2020-10-29|EPI_ISL_664448|Original|hCoV-19

**England**|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

**California**|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

**Scotland**|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

**England**|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

**New York**|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

**England**|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

**England**|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

**England**|Human|Barts Health NHS Trust|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

**England**|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

**Switzerland**|Science and Engineering|Nadeau|Switzerland

**Amman**|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

**Wales**|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

**Wales**|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

**Victoria**|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|Schultz|Australia

**England**|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-B3D89E/2020|2020-10-30|EPI_ISL_679837|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>SpIke|hCoV-19/England/DB-0323140/2020|2020-03-23|EPI_ISL_420397|Original|hCoV-19^Ukel|Human|KU Leuven|KU Leuven|Maes|Belgium
>SpIke|hCoV-19/India/MH-ACTREC-005/2020|2020-05-01|EPI_ISL_699662|Original|hCoV-19^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
>SpIke|hCoV-19/Germany/HE-FFM3clin/2020|2020-02-00|EPI_ISL_447609|Original|hCoV-19^Hesse|Human|Goethe University Hospital Frankfurt|Institute for Medical Virology|Toptan Grabmair|Germany
>SpIke|hCoV-19/England/ALDP-9520CA/2020|2020-06-09|EPI_ISL_553683|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/England/ALDP-B637B0/2020|2020-11-09|EPI_ISL_656421|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/England/ALDP-ACE848/2020|2020-10-21|EPI_ISL_629689|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/India/WB-IK16/2020|2020-04-24|EPI_ISL_580345|Original|hCoV-19^West Bengal|Human|Institute of Post Graduate Medical Education & Research|National Institute of Biomedical Genomics|Maitra|India
>SpIke|hCoV-19/England/LOND-1251AA3/2020|2020-11-24|EPI_ISL_705945|Original|hCoV-19^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom
>SpIke|hCoV-19/Australia/VIC9786/2020|2020-08-22|EPI_ISL_565715|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>SpIke|hCoV-19/USA/UT-UPHL-2009267/2020|2020-05-13|EPI_ISL_525250|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>SpIke|hCoV-19/England/ALDP-BC65EE/2020|2020-11-20|EPI_ISL_721279|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/Thailand/Bangkok_3001/2020|2020-03-00|EPI_ISL_515463|Vero P2|hCoV-19^Bangkok|Human|National Institute of Health. Department of medical Sciences|National Institute of Health. Department of medical Sciences|Phuygun|Thailand
>SpIke|hCoV-19/Switzerland/LU-ETHZ-140011/2020|2020-05-18|EPI_ISL_476086|Original|hCoV-19^Luzern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>SpIke|hCoV-19/England/LIVE-A0248/2020|2020-06-03|EPI_ISL_472097|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>SpIke|hCoV-19/USA/MD-HP12177/2020|2020-12-27|EPI_ISL_791477|Original|hCoV-19^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morris|USA
>SpIke|hCoV-19/England/ALDP-CED155/2020|2020-12-17|EPI_ISL_781969|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/England/BRIS-12EFC2/2020|2020-04-21|EPI_ISL_488212|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>SpIke|hCoV-19/Spain/AN-IBV-001975/2020|2020-03-15|EPI_ISL_452408|Original|hCoV-19^Andalucia|Human|Servicio de Microbiologi\u00eda. HRU de M\u00e9dicos. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>SpIke|hCoV-19/USA/WI-UW-1108/2020|2020-07-27|EPI_ISL_516533|Original|hCoV-19^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19|England/QEUH-9F38D2/2020|2020-09-24|EPI_ISL_588562|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp</div>

The document contains a list of organizations and their locations, along with the associated Spike protein information. The text is formatted in a tabular structure, indicating the Spike protein and the associated WHO designations. The entries are listed in a sequential manner, likely indicating a form of a report or a list of findings. To extract specific information, one would need to analyze each entry individually, noting the Spike protein variant and its associated code and location. The document is formatted in a way that allows for easy reference to the Spike protein type and its geographical origin. The text is structured to provide a clear and organized overview of the data, with each entry clearly delineated.
>Spike|hCoV-19/USA/MN-MDH-1640/2020|2020-05-21|EPI_ISL_539834|Original|hCoV-19^^^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spke|hCoV-19/Spain/VC-FISABIO-142/2020|2020-03-18|EPI_ISL_436237|Original|hCoV-19^^^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Universitario Doctor Peset|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spke|hCoV-19/England/ALDP-B73762/2020|2020-11-12|EPI_ISL_662312|Original|hCoV-19^^^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spke|hCoV-19/USA/MN-MDH-1393/2020|2020-03-27|EPI_ISL_507980|Original|hCoV-19^^^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spke|hCoV-19/Scotland/EDB8351/2020|2020-10-08|EPI_ISL_612339|Original|hCoV-19^^^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spke|hCoV-19/England/BRIS-12F1F8/2020|2020-04-11|EPI_ISL_488303|Original|hCoV-19^^^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spke|hCoV-19/England/QEUH-B2F63B/2020|2020-11-04|EPI_ISL_659801|Original|hCoV-19^^^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spke|hCoV-19/USA/WA-UW-11436/2020|2020-06-23|EPI_ISL_570405|Original|hCoV-19^^^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spke|hCoV-19/Ireland/MH-NVRL-20G43888/2020|2020-03-28|EPI_ISL_681912|Original|hCoV-19^^^^Meath|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spke|hCoV-19/England/MILK-ACF416/2020|2020-10-21|EPI_ISL_629725|Original|hCoV-19^^^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spke|hCoV-19/Denmark/DGCC-19061/2020|2020-12-07|EPI_ISL_748729|Original|hCoV-19^^^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spke|hCoV-19/Denmark/DGCC-11416/2020|2020-11-02|EPI_ISL_670905|Original|hCoV-19^^^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spke|hCoV-19/England/QEUH-C316AE/2020|2020-12-09|EPI_ISL_731299|Original|hCoV-19^^^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spke|hCoV-19/South Korea/KDCA0280/2020|2020-10-24|EPI_ISL_760074|Original|hCoV-19^^^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spke|hCoV-19/USA/ID-UW-6350/2020|2020-04-01|EPI_ISL_570100|Original|hCoV-19^^^^Idaho|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spke|hCoV-19/England/LIVE-9C2D6/2020|2020-03-30|EPI_ISL_449527|Original|hCoV-19^^^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spke|hCoV-19/Wales/PHWC-4A089D/2020|2020-12-09|EPI_ISL_743506|Original|hCoV-19^^^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spke|hCoV-19/USA/WI-GMF-22102/2020|2020-09-23|EPI_ISL_660849|Original|hCoV-19^^^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spke|hCoV-19/England/NOTT-11037C/2020|2020-04-16|EPI_ISL_441505|Original|hCoV-19^^^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spke|hCoV-19/Japan/IC-0567/2020|2020-09-00|EPI_ISL_779246|Original|hCoV-19^^^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/USA/MD-CDC-2-3713990/2020|2020-12-03|EPI_ISL_751700|Original|hCoV-19|^Maryland|Human|MD DOH Laboratories Administration|Genomics and Discovery|Queen|USA

>Sp>ke|hCoV-19/Wales/MILK-60FED4/2020|2020-07-06|EPI_ISL_557977|Original|hCoV-19|^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Sp>ke|hCoV-19/USA/AZ-TG305969/2020|2020-04-28|EPI_ISL_694302|Original|hCoV-19|^Arizona|Human|AZ SPHL|TGen North|French|USA

>Sp>ke|hCoV-19/Bermuda/204990918/2020|2020-11-06|EPI_ISL_780388|Original|hCoV-19|^Bermuda|Human|Bermuda Government Molecular Diagnostics Laboratory (MDL)|Respiratory Virus Unit|Platt|Bermuda

>Sp>ke|hCoV-19/England/QEUH-C7C80B/2020|2020-12-16|EPI_ISL_757018|Original|hCoV-19|^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Sp>ke|hCoV-19/England/SHEF-CA4F7/2020|2020-09-27|EPI_ISL_585040|Original|hCoV-19|^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) consortium|de Silva|United Kingdom

>Sp>ke|hCoV-19/England/ALDP-4F8D00/2020|2020-06-24|EPI_ISL_559142|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Sp>ke|hCoV-19/USA/UN-UW-547/2020|2020-03-10|EPI_ISL_430886|Original|hCoV-19|^USA|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Sp>ke|hCoV-19/England/ALDP-95A208/2020|2020-06-09|EPI_ISL_553589|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Sp>ke|hCoV-19/USA/TX-HMH-1732/2020|2020-04-02|EPI_ISL_542799|Original|hCoV-19|^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Sp>ke|hCoV-19/Denmark/DCGC-12001/2020|2020-06-22|EPI_ISL_671248|Original|hCoV-19|^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelesen|Denmark

>Sp>ke|hCoV-19/USA/DE-DHSS-F986562/2020|2020-11-09|EPI_ISL_766998|Original|hCoV-19|^Delaware|Human|Delaware Public Health Laboratory|Delaware Public Health Laboratory|Bajwa|USA

>Sp>ke|hCoV-19/USA/LA-EVTL529/2020|2020-08-04|EPI_ISL_578933|Original|hCoV-19|^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Sp>ke|hCoV-19/England/NOTT-118FF8/2020|2020-10-30|EPI_ISL_627701|Original|hCoV-19|^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Sp>ke|hCoV-19/Denmark/DCGC-2646/2020|2020-08-17|EPI_ISL_617865|Original|hCoV-19|^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelesen|Denmark

>Sp>ke|hCoV-19/England/210100394/2021|2021-01-04|EPI_ISL_791198|Original|hCoV-19|^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Sp>ke|hCoV-19/England/SHEF-10C6ABA/2020|2020-12-19|EPI_ISL_741943|Original|hCoV-19|^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Sp>ke|hCoV-19/England/ALDP-981A00/2020|2020-08-09|EPI_ISL_526357|Original|hCoV-19|^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Sp>ke|hCoV-19/England/QEUH-B2CAC9/2020|2020-11-02|EPI_ISL_646587|Original|hCoV-19|^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Sp>ke|hCoV-19/Denmark/DCGC-4501/2020|2020-09-14|EPI_ISL_615686|Original|hCoV-19|^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelesen|Denmark
>Spike|hCoV-19|USA/MA-MASPHL-00850/2020|2020-10-10|EPI_ISL_692862|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA
>Spike|hCoV-19|Wales/PHWC-47D750/2020|2020-10-09|EPI_ISL_586187|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spice|hCoV-19|England/20154019904/2020|2020-04-07|EPI ISL_466257|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spice|hCoV-19|USA/WI-GMF-31111/2020|2020-11-03|EPI_ISL_661073|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA
>Spice|hCoV-19|Scotland/CVR2342/2020|2020-04-13|EPI_ISL_477910|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spice|hCoV-19|Japan/PG-5458/2020|2020-08-00|EPI_ISL_690561|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spice|hCoV-19|USA/LA-EVTL186/2020|2020-05-21|EPI_ISL_574320|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spice|hCoV-19|England/QEUH-C57A5B/2020|2020-12-12|EPI_ISL_736209|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spice|hCoV-19|Japan/PG-1532/2020|2020-04-00|EPI_ISL_685138|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spice|hCoV-19|Northern Ireland/NIRE-2332A2/2020|2020-09-25|EPI_ISL_680275|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
>Spice|hCoV-19|Australia/VIC13369/2020|2020-07-27|EPI_ISL_563695|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spice|hCoV-19|England/CAMB-731C9/2020|2020-03-23|EPI_ISL_440230|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spice|hCoV-19|USA/CA-ALSR-3559/2020|2020-06-13|EPI_ISL_636083|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spice|hCoV-19|England/SHEF-C6561/2020|2020-05-06|EPI_ISL_490604|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spice|hCoV-19|Denmark/DCGC-14450/2020|2020-11-30|EPI_ISL_711437|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spice|hCoV-19|Latvia/219/2020|2020-09-16|EPI_ISL_770054|Original|hCoV-19^^Latvia|Human|Centr.01011\u0101 Laboratorija|Latvian Biomedical Research and Study Centre|Zrelovs|Latvia
>Spice|hCoV-19|England/CAMC-CF31C5/2020|2020-12-18|EPI_ISL_781546|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spice|hCoV-19|England/CAMC-B096DD/2020|2020-10-30|EPI_ISL_672938|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spice|hCoV-19|Denmark/DCGC-8947/2020|2020-10-26|EPI_ISL_626172|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spice|hCoV-19|England/QEUH-C5BAFD/2020|2020-12-14|EPI_ISL_769314|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spice|hCoV-19|England/NORT-29588B/2020|2020-04-02|EPI_ISL_488618|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/LIVE-DBD5CA/2020|2020-10-28|EPI_ISL_664111|Original|hCoV-19\^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spoke|hCoV-19/England/QEUH-C315DE/2020|2020-12-10|EPI_ISL_731287|Original|hCoV-19\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spoke|hCoV-19/USA/MI-MDHHS-SC22251/2020|2020-10-31|EPI_ISL_666917|Original|hCoV-19\^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spoke|hCoV-19/England/20149000304/2020|2020-04-04|EPI_ISL_466078|Original|hCoV-19\^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spoke|hCoV-19/Scotland/QEUH-B12FD6/2020|2020-11-03|EPI_ISL_649501|Original|hCoV-19\^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spoke|hCoV-19/England/ALDP-B25222/2020|2020-11-04|EPI_ISL_646782|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spoke|hCoV-19/USA/TX-DSHS-0975/2020|2020-06-16|EPI_ISL_613991|Original|hCoV-19\^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spoke|hCoV-19/Scotland/QEUH-A4B38E/2020|2020-10-08|EPI_ISL_628467|Original|hCoV-19\^Scotland|Human|Oxford Virionics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spoke|hCoV-19/Australia/VIC13852/2020|2020-08-24|EPI_ISL_563855|Original|hCoV-19\^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spoke|hCoV-19/England/PORT-2EA152/2020|2020-00-00|EPI_ISL_679985|Original|hCoV-19\^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spoke|hCoV-19/USA/WA-UW-1722/2020|2020-03-21|EPI_ISL_424234|Original|hCoV-19\^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spoke|hCoV-19/England/QEUH-AP50C8/2020|2020-10-30|EPI_ISL_663050|Original|hCoV-19\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spoke|hCoV-19/England/ALDP-A515CB/2020|2020-10-07|EPI_ISL_598066|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spoke|hCoV-19/England/C200032894/2020|2020-10-15|EPI_ISL_636714|Original|hCoV-19\^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spoke|hCoV-19/Switzerland/AG-ETHZ-410260/2020|2020-12-14|EPI_ISL_737522|Original|hCoV-19\^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spoke|hCoV-19/England/20230165/2020|2020-06-03|EPI_ISL_534717|Original|hCoV-19\^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spoke|hCoV-19/Belgium/Rega-0328201/2020|2020-03-28|EPI_ISL_458171|Original|hCoV-19\^Zolder|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spoke|hCoV-19/Australia/VIC52/2020|2020-03-12|EPI_ISL_419768|Original|hCoV-19\^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spoke|hCoV-19/USA/TX-HMH-7130/2020|2020-06-29|EPI_ISL_546530|Original|hCoV-19\^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19/Netherlands/ZH-EMC-478/2020|2020-08-17|EPI_ISL_577908|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands

> Spike|hCoV-19/Luxembourg/LNS4323813/2020|2020-10-24|EPI_ISL_740448|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

> Spike|hCoV-19/England/CAMC-B07596/2020|2020-10-30|EPI ISL_643792|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/Singapore/491/2020|2020-04-26|EPI_ISL_477188|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine Tan Tock Seng Hospital|Department of Laboratory Medicine Tan Tock Seng Hospital|Chen|Singapore

> Spike|hCoV-19/USA/MA-MASPHL-00533/2020|2020-05-06|EPI_ISL_693046|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

> Spike|hCoV-19/USA/MI-MDHHS-SC21147/2020|2020-03-23|EPI_ISL_507923|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

> Spike|hCoV-19/Latvia/180/2020|2020-09-26|EPI_ISL_639677|Original|hCoV-19^^Latvia|Human|Centre\u0101|Centre\u0101|Labortorija|Latvian Biomedical Research and Study Centre|Zrelovs|Latvia

> Spike|hCoV-19/USA/CT-UW-2488/2020|2020-03-30|EPI_ISL_485925|Original|hCoV-19^^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

> Spike|hCoV-19/England/MILK-9A90B5/2020|2020-08-31|EPI_ISL_551085|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/Scotland/CVR5482/2020|2020-10-31|EPI_ISL_650733|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

> Spike|hCoV-19/Scotland/EDB772/2020|2020-04-03|EPI_ISL_433239|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

> Spike|hCoV-19/England/BRIS-12F42C/2020|2020-04-13|EPI_ISL_488416|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/Denmark/DGCC-2490/2020|2020-08-10|EPI_ISL_617761|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

> Spike|hCoV-19/Australia/VIC4455/2020|2020-07-16|EPI_ISL_519751|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

> Spike|hCoV-19/England/ALDP-A68E99/2020|2020-10-12|EPI_ISL_608413|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/Scotland/CVR4449/2020|2020-09-20|EPI_ISL_585316|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

> Spike|hCoV-19/USA/TX-DSHS-1450/2020|2020-06-22|EPI_ISL_676607|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spike|hCoV-19/Israel/CLV-n25334/2020|2020-07-00|EPI_ISL_514266|Original|hCoV-19
^Jerusalem District|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel
>Spike|hCoV-19/Scotland/CVR3557/2020|2020-05-16|EPI_ISL_473692|Original|hCoV-19
^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/Denmark/DGCC-18734/2020|2020-12-07|EPI_ISL_750152|Original|hCoV-19
^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/WI-UW-502/2020|2020-06-03|EPI_ISL_484877|Original|hCoV-19
^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/USA/CA-LACPHEL-AA00014/2020|2020-08-05|EPI_ISL_710112|Original|hCoV-19
^California|Human|Los Angeles County PHL|Los Angeles County PHL|Hemarajata|USA
>Spike|hCoV-19/USA/CA-CZB-1669/2020|2020-05-14|EPI_ISL_468611|Original|hCoV-19
^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|McGeever|USA
>Spike|hCoV-19/England/ALDP-AA4ECF/2020|2020-10-22|EPI_ISL_630707|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/India/UP-NBRI-N52-THEH623/2020|2020-05-25|EPI_ISL_516980|Original|hCoV-19
^Uttar Pradesh|Human|King Georges Medical University|CSIR-National Botanical Research Institute|Bag|India
>Spike|hCoV-19/Spain/MD-IBV-99008491/2020|2020-09-10|EPI_ISL_654029|Original|hCoV-19
^Spain|Human|Hospital General Universitario Gregorio Mara\u00f1or|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>Spike|hCoV-19/England/NORT-2935A7/2020|2020-06-26|EPI_ISL_499606|Original|hCoV-19
^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/England/ALDP-B77009/2020|2020-11-12|EPI_ISL_723838|Original|hCoV-19
^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Gulubchik|United Kingdom
>Spike|hCoV-19/USA/MN-MDH-1620/2020|2020-04-09|EPI_ISL_530216|Original|hCoV-19
^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA
>Spike|hCoV-19/USA/CA-IGI-0206/2020|2020-07-02|EPI_ISL_569933|Original|hCoV-19
^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA
>Spike|hCoV-19/England/ALDP-AA2AEA/2020|2020-10-22|EPI_ISL_623952|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QUEUH-B689F1/2020|2020-11-11|EPI_ISL_661411|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/England/20170000304/2020|2020-04-19|EPI_ISL_465260|Original|hCoV-19
^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/England/LIVE-AA28A/2020|2020-03-22|EPI_ISL_517428|Original|hCoV-19
^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-14648/2020|2020-10-10|EPI_ISL_787933|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Denmark/DCGC-17483/2020|2020-12-14|EPI_ISL_751015|Original|hCoV-19
^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Scotland/QUEUH-A1F6C6/2020|2020-10-01|EPI_ISL_599072|Original|hCoV-19
^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/MA-MGH-00227/2020|2020-04-05|EPI_ISL_460309|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA
>Spike|hCoV-19/Denmark/DCGC-2122/2020|2020-07-27|EPI_ISL_618385|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/NY-NYCPHL-000258/2020|2020-04-29|EPI_ISL_631784|Original|hCoV-19^^New York|Human|St Barnabas Hospital|New York City Public Health Laboratory|Wang|USA
>Spike|hCoV-19/England/ALDP-687B6B/2020|2020-07-02|EPI_ISL_557943|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WA-UW-21736/2020|2020-08-05|EPI_ISL_570998|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/United Arab Emirates/0426/2020|2020-05-16|EPI_ISL_698600|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
>Spike|hCoV-19/Luxembourg/LNS9322962/2020|2020-04-03|EPI_ISL_428961|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Nienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/Singapore/657/2020|2020-03-29|EPI_ISL_493417|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
>Spike|hCoV-19/Australia/VIC8160/2020|2020-08-14|EPI_ISL_564878|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/UT-UPHL-201108594/2020|2020-10-11|EPI_ISL_628959|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/England/ALDP-955337/2020|2020-06-12|EPI_ISL_553500|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Northern Ireland/QEUH-965149/2020|2020-08-13|EPI_ISL_536898|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-15865/2020|2020-07-10|EPI_ISL_785549|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Scotland/CVR867/2020|2020-03-27|EPI_ISL_433355|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/England/CAMC-B09C08/2020|2020-10-29|EPI_ISL_672926|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WI-UW-2502/2020|2020-12-30|EPI_ISL_779334|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA
>Spike|hCoV-19/Denmark/DCGC-20776/2020|2020-12-21|EPI_ISL_758717|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Wales/PHWC-495EF3/2020|2020-11-23|EPI_ISL_726503|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Scotland/CVR2872/2020|2020-04-22|EPI_ISL_473610|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/Gibraltar/204462892/2020|2020-10-29|EPI_ISL_615057|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Plätt|Gibraltar
>Spike|hCoV-19/England/OEUH-9E4476/2020|2020-09-22|EPI_ISL_579915|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spitk|hCoV-19/Japan/PG-3887/2020|2020-07-00|EPI_ISL_692138|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spitk|hCoV-19/Switzerland/ZH-ETHZ-360302/2020|2020-11-06|EPI_ISL_728792|Original|hCoV-19^^Zurich|Human|Violler AG|Department of Biodystems Science and Engineering|Nadeau|Switzerland
>Spitk|hCoV-19/Switzerland/BE-ETHZ-250063/2020|2020-08-17|EPI_ISL_535589|Original|hCoV-19^^Bern|Human|Violler AG|Department of Biodystems Science and Engineering|Nadeau|Switzerland
>Spitk|hCoV-19/Denmark/DGCC-18932/2020|2020-12-07|EPI_ISL_748648|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark
>Spitk|hCoV-19/England/MILK-B942E2/2020|2020-11-13|EPI_ISL_676073|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spitk|hCoV-19/England/CAMC-BBBC481/2020|2020-11-21|EPI_ISL_724144|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spitk|hCoV-19/India/WB-IK64/2020|2020-05-12|EPI_ISL_508388|Original|hCoV-19^^West Bengal|Human|Institute of Post Graduate Medical Education & Research|National Institute of Biomedical Genomics|Maitra|India
>Spitk|hCoV-19/USA/UT-01320/2020|2020-03-03|EPI_ISL_449814|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spitk|hCoV-19/Australia/VIC2903/2020|2020-07-08|EPI_ISL_521734|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|Schultz|Australia
>Spitk|hCoV-19/England/ALDP-B99AFE/2020|2020-11-20|EPI_ISL_703122|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spitk|hCoV-19/Canada/ON-S1495/2020|2020-08-28|EPI_ISL_755884|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
>Spitk|hCoV-19/Wales/PHWC-49974F/2020|2020-12-03|EPI_ISL_729734|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spitk|hCoV-19/Australia/NSW333/2020|2020-03-23|EPI_ISL_451595|Original|hCoV-19^^New South Wales|Human|ACT pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spitk|hCoV-19/England/ALDP-AA520D/2020|2020-10-22|EPI_ISL_624093|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spitk|hCoV-19/England/MILK-AC7539/2020|2020-10-21|EPI_ISL_630173|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spitk|hCoV-19/USA/CA-CHLA-PLM50948447/2020|2020-12-03|EPI_ISL_753596|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA
>Spitk|hCoV-19/Hong Kong/VM20086951/2020|2020-07-28|EPI_ISL_602611|Original|hCoV-19^^Hong Kong|Human|Queen Elizabeth Hospital|Hong Kong Department of Health|Mak|China
>Spike|hCoV-19|Sichuan|SC-PHCC2-050|2020|2020-02-04|EPI_ISL_451370|Original|hCoV-19^^Sichuan|Human|West China Hospital of Sichuan University|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spilke|hCoV-19|Norway|S210|2020|2020-10-31|EPI_ISL_708050|Original|hCoV-19^^Scotland|Human|Norwegian Institute of Public Health|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spilke|hCoV-19|Japan|PG-4950|2020|2020-08-00|EPI_ISL_690069|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spilke|hCoV-19|Australia|VIC12694|2020|2020-09-09|EPI_ISL_563578|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spilke|hCoV-19|Canada|QC-LSFQ-L00241439|2020|2020-03-27|EPI_ISL_536281|Original|hCoV-19^^Quebec|Human|H\'u00e9pital Charles-LeMoyne|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spilke|hCoV-19|USA|NY-NYCHL-000298|2020|2020-04-05|EPI_ISL_631825|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spilke|hCoV-19|England|201420042|2020|2020-03-30|EPI_ISL_465900|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spilke|hCoV-19|England|ALDP-5CF475|2020|2020-06-15|EPI_ISL_558461|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spilke|hCoV-19|England|CAMB-84AFT|2020|2020-03-10|EPI_ISL_440523|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spilke|hCoV-19|Netherlands|LI-EMC-135|2020|2020-11-23|EPI_ISL_763103|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spilke|hCoV-19|Wales|PHWC-4861CF|2020|2020-10-28|EPI_ISL_639016|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spilke|hCoV-19|England|ALDP-B5BDF5|2020|2020-11-09|EPI_ISL_662630|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spilke|hCoV-19|England|LOND-12674AC|2020|2020-12-08|EPI_ISL_741295|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spilke|hCoV-19|England|MILK-B5A2BB|2020|2020-11-06|EPI_ISL_658170|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spilke|hCoV-19|USA|TX-HMH-2246|2020|2020-05-15|EPI_ISL_545201|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spilke|hCoV-19|England|MILK-B3A6F1|2020|2020-11-01|EPI_ISL_704872|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spilke|hCoV-19|England|MILK-9EFBC1|2020|2020-09-23|EPI_ISL_594986|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spilke|hCoV-19|India|DL-60943-CSIR-IGIB|2020|2020-08-06|EPI_ISL_636790|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spilke|hCoV-19|Luxembourg|LNS7385913|2020|2020-12-02|EPI_ISL_770848|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spilke|hCoV-19|England|MILK-9580C4|2020|2020-06-15|EPI_ISL_554649|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spilke|hCoV-19|Scotland|CVR4923|2020|2020-10-06|EPI_ISL_594689|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19|England/SHEF-C2671/2020|2020-05-03|EPI_ISL_457593|Original|hCoV-19|England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spilke|hCoV-19|England/201161477/2020|2020-03-12|EPI_ISL_464847|Original|hCoV-19|England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spilke|hCoV-19|USA/UT-08288/2020|2020-05-26|EPI_ISL_524087|Original|hCoV-19|Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spilke|hCoV-19|England/NORT-283B7B/2020|2020-04-02|EPI_ISL_488621|Original|hCoV-19|England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spilke|hCoV-19|South Africa/Tygerberg_331_CC2/2020|2020-10-09|EPI_ISL_660139|Original|hCoV-19|Western Cape|Human|Hamadi|National Health Laboratory Service (NHLS)|de Oliveira|South Africa
>Spilke|hCoV-19|Scotland/QEUH-96EB8E/2020|2020-08-19|EPI_ISL_534473|Original|hCoV-19|Scotland|Human|NHSGCC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spilke|hCoV-19|USA/TX-HMH-6918/2020|2020-06-25|EPI_ISL_546351|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spilke|hCoV-19|England/EXET-13853C/2020|2020-09-27|EPI_ISL_611844|Original|hCoV-19|England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temprington|United Kingdom
>Spilke|hCoV-19|USA/MA-MGH-00257/2020|2020-04-06|EPI_ISL_460404|Original|hCoV-19|Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA
>Spilke|hCoV-19|Saudi Arabia/KAUST-Makkah204/2020|2020-04-06|EPI_ISL_437714|Original|hCoV-19|Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazalli|Saudi Arabia
>Spilke|hCoV-19|Japan/IC-0191/2020|2020-10-00|EPI_ISL_667620|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
>Spilke|hCoV-19|England/20129174604/2020|2020-03-21|EPI_ISL_424150|Original|hCoV-19|England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spilke|hCoV-19|England/ALDP-95D1DB/2020|2020-06-18|EPI_ISL_553455|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spilke|hCoV-19|Australia/WA96/2020|2020-03-27|EPI_ISL_512749|Original|hCoV-19|Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Silkazwe|Australia
>Spilke|hCoV-19|England/COMC-949F32/2020|2020-07-20|EPI_ISL_556718|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spilke|hCoV-19|Denmark/DGCC-11388/2020|2020-11-02|EPI_ISL_607690|Original|hCoV-19|Hovedstad|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spilke|hCoV-19|England/QEUH-96A690/2020|2020-08-13|EPI_ISL_531463|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spilke|hCoV-19|USA/WA-S1631/2020|2020-05-27|EPI_ISL_496057|Original|hCoV-19|Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spilke|hCoV-19|England/LOND-1266EDC/2020|2020-12-10|EPI_ISL_741228|Original|hCoV-19|England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spilke|hCoV-19|England/ALDP-B47F32/2020|2020-11-07|EPI_ISL_649360|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spilke|hCoV-19|Brazil/RJ-0247/2020|2020-03-23|EPI_ISL_470615|Original|hCoV-19|Rio de Janeiro|Human|Laboratorio de Virologia Molecular 7 UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil
| Country | Region | Location | Institution | Name | Reference |
|---------|--------|----------|-------------|------|-----------|
| England | Human | Pathology West - NSW Health Pathology | NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney | Gall | Australia |
| Japan | Human | Pathogen Genomics Center | Pathogen Genomics Center | Sekizuka | Japan |
| Switzerland | Human | USHP | 42199244/2020 | 2020-03-19 | EPI ISL 528238 | Original | hCoV-19 | Basel-Stadt | Human | University Hospital Basel | Roloff Handschin | Switzerland |
| USA | Human | Department of Health Services | Houston Methodist Hospital | Rahman | USA |
| Texas | Human | University Hospital | University Hospital | Vidanovic | Serbia |
| Australia | Human | SA Pathology | SA Pathology | Leong | Australia |
| England | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| Scotland | Human | Virology Department | COVID-19 Genomics UK (COG-UK) Consortium | Williams | United Kingdom |
| Wales | Human | Wales Specialist Virology Centre Sequencing lab | COVID-19 Genomics UK (COG-UK) Consortium | Moore | United Kingdom |
| Texas | Human | Texas Department of State Health Services | Texas Department of State Health Services | Rahman | USA |
| Netherlands | Human | Scientific Veterinary Institute | Scientific Veterinary Institute | Meijer | Netherlands |
| Serbia | Human | Veterinary Specialized Institute | Veterinary Specialized Institute | Novi Sad | Serbia |
| England | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| Wales | Human | Wales Specialist Virology Centre Sequencing lab | COVID-19 Genomics UK (COG-UK) Consortium | Moore | United Kingdom |
| Texas | Human | Texas Department of State Health Services | Texas Department of State Health Services | Rahman | USA |
| Netherlands | Human | Dutch COVID-19 response team | National Institute for Public Health and the Environment (RIVM) | Meijer | Netherlands |
| Serbia | Human | Novi Sad | Novi Sad | Novi Sad | Serbia |
| England | Human | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Davies | United Kingdom |
| Wales | Human | Wales Specialist Virology Centre Sequencing lab | COVID-19 Genomics UK (COG-UK) Consortium | Moore | United Kingdom |
| Texas | Human | Houston Methodist Hospital | Houston Methodist Hospital | Rahman | USA |
| Texas | Human | Houston Methodist Hospital | Houston Methodist Hospital | Rahman | USA |
| Texas | Human | Houston Methodist Hospital | Houston Methodist Hospital | Rahman | USA |
| USA | Human | DOHMH Morrisania | New York City Public Health Laboratory | Wang | USA |
| Australia | Human | SA Pathology | SA Pathology | Leong | Australia |
| USA | Human | Department of Pathology | COVID-19 Genomics UK (COG-UK) Consortium | Goodfellow | United Kingdom |
>Spike|hCoV-19/Wales/PHWC-4A3D5F/2020|2020-12-12|EPI-ISL_764625|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spicke|hCoV-19/Wales/ALDP-B1B66F/2020|2020-11-01|EPI-ISL_710910|Original|hCoV-19
^Wales|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spicke|hCoV-19/England/LIVE-9F6AA/2020|2020-04-22|EPI-ISL_471999|Original|hCoV-19
^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spicke|hCoV-19/USA/CA-CZB-1201/2020|2020-03-25|EPI-ISL_450450|Original|hCoV-19
^California|Human|Stanford clinical virology lab|Chan-Zuckerberg Biohub|Hao|USA
>Spicke|hCoV-19/Australia/VIC12026/2020|2020-07-24|EPI-ISL_640524|Original|hCoV-19
^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schulz|Australia
>Spicke|hCoV-19/England/CAMB-1ABFBE/2020|2020-00-00|EPI-ISL_444355|Original|hCoV-19
^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Amato|United Kingdom
>Spicke|hCoV-19/England/CAMB-73E3B/2020|2020-03-19|EPI-ISL_440344|Original|hCoV-19
^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spicke|hCoV-19/England/QEUH-9F9CC1/2020|2020-09-27|EPI-ISL_589190|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spicke|hCoV-19/England/BRIS-126F06/2020|2020-04-23|EPI-ISL_469745|Original|hCoV-19
^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spicke|hCoV-19/Japan/PG-4874/2020|2020-08-00|EPI-ISL_689995|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spicke|hCoV-19/England/ALDP-B74BB0/2020|2020-11-12|EPI-ISL_678982|Original|hCoV-19
^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spicke|hCoV-19/England/ALDP-A9474E/2020|2020-10-19|EPI-ISL_624800|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderney Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spicke|hCoV-19/Scotland/QEUH-9E5FBD/2020|2020-09-27|EPI-ISL_600684|Original|hCoV-19
^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spicke|hCoV-19/USA/VA-DCLS-0803|2020-07-18|EPI-ISL_522812|Original|hCoV-19
^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacobs|USA
>Spicke|hCoV-19/Japan/PG-4392/2020|2020-07-00|EPI-ISL_692619|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spicke|hCoV-19/Japan/PG-1943/2020|2020-04-00|EPI-ISL_685549|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spicke|hCoV-19/Scotland/CVR304/2020|2020-03-21|EPI-ISL_433282|Original|hCoV-19
^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spicke|hCoV-19/Denmark/DCGC-2389/2020|2020-08-10|EPI-ISL_617569|Original|hCoV-19
^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spicke|hCoV-19/USA/CA-CZB-14228/2020|2020-11-13|EPI-ISL_738815|Original|hCoV-19
^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA
>Spicke|hCoV-19/England/QEUH-A9D99A/2020|2020-10-20|EPI-ISL_652664|Original|hCoV-19
^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spicke|hCoV-19/Lithuania/MR-LUHS-Eilnr237564/2020|2020-12-22|EPI-ISL_770498|Original|hCoV-19
^Kauno apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania
>Spicke|hCoV-19/Canada/QC_A9/2020|2020-04-03|EPI-ISL_463939|Original|hCoV-19
^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada
>Spike|hCoV-19/Bangladesh/DNAS_DRCIM_CPH_isl_475_BGD/2020|2020-04-29|EPI_ISL_774873|Original|hCoV-19^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh
>Spiko|hCoV-19/USA/UT-01840/2020|2020-04-13|EPI_ISL_470682|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spiko|hCoV-19/England/QEUH-9B3F06/2020|2020-09-04|EPI_ISL_573558|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spiko|hCoV-19/England/LIVE-DB4235/2020|2020-10-19|EPI_ISL_650892|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spiko|hCoV-19/Australia/VIC15352/2020|2020-08-25|EPI_ISL_592851|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spiko|hCoV-19/USA/VA-DCLS-1578/2020|2020-08-13|EPI_ISL_610138|Original|hCoV-19^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spiko|hCoV-19/England/QEUH-B1104D/2020|2020-11-03|EPI_ISL_642165|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spiko|hCoV-19/Denmark/DCGC-17715/2020|2020-12-14|EPI_ISL_750517|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spiko|hCoV-19/Australia/VIC1596/2020|2020-05-05|EPI_ISL_456505|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spiko|hCoV-19/England/QEUH-9E5545/2020|2020-09-21|EPI_ISL_579879|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiko|hCoV-19/USA/CA-ALSR-3789/2020|2020-05-23|EPI_ISL_636202|Original|hCoV-19^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spiko|hCoV-19/USA/NJ-QDX-2273/2020|2020-03-14|EPI_ISL_604560|Original|hCoV-19^New Jersey|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spiko|hCoV-19/USA/CO-CDPHE-2100013054/2020|2020-11-19|EPI_ISL_771189|Original|hCoV-19^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Puplic Health and Environment|Bankers|USA
>Spiko|hCoV-19/USA/OR-OHSU-1011/2020|2020-07-08|EPI_ISL_525946|Original|hCoV-19^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA
>Spiko|hCoV-19/England/MILK-4A1234/2020|2020-06-06|EPI_ISL_559354|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiko|hCoV-19/Norway/3295/2020|2020-09-02|EPI_ISL_590900|Original|hCoV-19^Oslo|Human|Oslo University Hospital|Norwegian Institute of Public Health|Vollan|Norway
>Spiko|hCoV-19/England/MILK-A05CA3/2020|2020-09-30|EPI_ISL_600074|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spiko|hCoV-19/Wales/PHWC-480BE5/2020|2020-10-12|EPI_ISL_612983|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spiko|hCoV-19/Australia/VIC10265/2020|2020-08-26|EPI_ISL_562847|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spiko|hCoV-19/Spain/CL-IBV-97006205/2020|2020-04-13|EPI_ISL_537351|Original|hCoV-19^Castilla y Leon|Human|Universidad de Le\u00f3n|SegCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain
Spike|hCoV-19|England/ALDP-A2DD57/2020|2020-10-05|EPI_ISL_586603|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Netherlands/Zeeland_38/2020|2020-04-29|EPI_ISL_461277|Original|hCoV-19|^Zeeland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

Spike|hCoV-19|England/ALDP-B5C51A/2020|2020-11-10|EPI_ISL_655882|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Italy/APU-IZSPB-193APT/2020|2020-08-28|EPI_ISL_649940|Vero|hCoV-19|^Apulia|Human|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Paris|Italy

Spike|hCoV-19|Brazil/RJ-00449/2020|2020-04-24|EPI_ISL_717844|Original|hCoV-19|^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

Spike|hCoV-19|Japan/PG-0695/2020|2020-04-00|EPI_ISL_684305|Original|hCoV-19|^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

Spike|hCoV-19|Japan/PG-3599/2020|2020-07-00|EPI_ISL_691853|Original|hCoV-19|^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

Spike|hCoV-19|England/CAMB-758A4/2020|2020-03-20|EPI_ISL_440351|Original|hCoV-19|^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

Spike|hCoV-19|England/ALDP-A92740/2020|2020-10-19|EPI_ISL_611139|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|USA/TX-HNH-MCoV-13243/2020|2020-08-25|EPI_ISL_788393|Original|hCoV-19|^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19|Spain/MD-IBV-005371/2020|2020-04-08|EPI_ISL_510245|Original|hCoV-19|^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1o|u00f1o|Hospital General Universitario Gregorio Mara\u00f1o|u00f1o|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

Spike|hCoV-19|Luxembourg/LNS6106493/2020|2020-11-23|EPI_ISL_744360|Original|hCoV-19|^Luxembourg|Human|Laboratoire national de sant\u00e9|u00e9|Laboratoire national de sant\u00e9|u00e9|Wienecke-Baldacchino|Luxembourg

Spike|hCoV-19|Denmark/DGCC-13989/2020|2020-11-30|EPI_ISL_711499|Original|hCoV-19|^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

Spike|hCoV-19|Denmark/DGCC-2932/2020|2020-08-24|EPI_ISL_616752|Original|hCoV-19|^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

Spike|hCoV-19|England/ALDP-C25EC3/2020|2020-12-06|EPI_ISL_782758|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19|Denmark/DGCC-22376/2020|2020-12-14|EPI_ISL_757524|Original|hCoV-19|^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

Spike|hCoV-19|USA/WA-UW-2877/2020|2020-03-29|EPI_ISL_486043|Original|hCoV-19|^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

Spike|hCoV-19|Northern Ireland/NIRE-103E99/2020|2020-04-08|EPI_ISL_482052|Original|hCoV-19|^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Wales/PHWC-49F49D/2020|2020-12-07|EPI_ISL_743221|Original|hCoV-19|^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19|England/ALDP-A2DD57/2020|2020-10-05|EPI_ISL_587275|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-B5BF77/2020|2020-11-09|EPI_ISL_655642|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Sp...
Laboratory|University of Miami Immunology and Histocompatibility Laboratory|Margolles-Clark|USA
>Spike|hCoV-19|England/MIT-992C422020|2020-08-29|EPI_ISL_552165|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/CMC-C43287|2020|2020-12-10|EPI_ISL_719332|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/NY-NYCPHL-0000052020|2020-03-04|EPI_ISL_631505|Original|hCoV-19|New York|Human|Northwell Health-GoHealth Urgent Care 10025|New York City Public Health Laboratory|Liang|USA
>Spike|hCoV-19|USA/VA-DCLS-15622020|2020-07-31|EPI_ISL_610126|Original|hCoV-19|Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spike|hCoV-19|USA/TX-HMH-5587|2020|2020-06-20|EPI_ISL_544883|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|England/CAMB-7BF12|2020|2020-04-04|EPI_ISL_442814|Original|hCoV-19|England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19|England/QUEUH-C32081|2020|2020-12-11|EPI_ISL_782634|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/WI-UW-2235|2020|2020-11-14|EPI_ISL_728005|Original|hCoV-19|Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19|USA/UT-0541|2020|2020-03-31|EPI_ISL_435374|Original|hCoV-19|Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19|USA/CMILK-BBE1362020|2020-11-18|EPI_ISL_720027|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|Sweden/20-22316|2020|2020-04-07|EPI_ISL_660408|Original|hCoV-19|Sweden|Human|LSUHS Emerging Viral Threat Laboratory|Stern Lab|Miller|Israel
>Spike|hCoV-19|UK) consortium|Amato|United Kingdom
>Spike|hCoV-19|England/QEUH-C32081|2020|2020-12-11|EPI_ISL_782634|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/WI-UW-2235|2020|2020-11-14|EPI_ISL_728005|Original|hCoV-19|Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19|USA/UT-0541|2020|2020-03-31|EPI_ISL_435374|Original|hCoV-19|Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19|USA/CMILK-BBE1362020|2020-11-18|EPI_ISL_720027|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|Sweden/20-22316|2020|2020-04-07|EPI_ISL_660408|Original|hCoV-19|Sweden|Human|LSUHS Emerging Viral Threat Laboratory|Stern Lab|Miller|Israel
>Spike|hCoV-19|England/QEUH-C32081|2020|2020-12-11|EPI_ISL_782634|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|Sweden/20-22316|2020|2020-04-07|EPI_ISL_660408|Original|hCoV-19|Sweden|Human|LSUHS Emerging Viral Threat Laboratory|Stern Lab|Miller|Israel
>Spike|hCoV-19|UK) consortium|Amato|United Kingdom
>Spike|hCoV-19|England/QEUH-C32081|2020|2020-12-11|EPI_ISL_782634|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|Sweden/20-22316|2020|2020-04-07|EPI_ISL_660408|Original|hCoV-19|Sweden|Human|LSUHS Emerging Viral Threat Laboratory|Stern Lab|Miller|Israel
>Spike|hCoV-19|UK) consortium|Amato|United Kingdom
>Spike|hCoV-19|England/QEUH-C32081|2020|2020-12-11|EPI_ISL_782634|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|Sweden/20-22316|2020|2020-04-07|EPI_ISL_660408|Original|hCoV-19|Sweden|Human|LSUHS Emerging Viral Threat Laboratory|Stern Lab|Miller|Israel
>Spike|hCoV-19|UK) consortium|Amato|United Kingdom
>Spike|hCoV-19|England/QEUH-C32081|2020|2020-12-11|EPI_ISL_782634|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|Sweden/20-22316|2020|2020-04-07|EPI_ISL_660408|Original|hCoV-19|Sweden|Human|LSUHS Emerging Viral Threat Laboratory|Stern Lab|Miller|Israel
>Spike|hCoV-19|UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/USA/DE-DHSS-F1009792/2020|2020-10-11|EPI_ISL_708391|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA
>Spie|hCoV-19/Wales/PHWC-16F0C2/2020|2020-10-04|EPI_ISL_585911|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spie|hCoV-19/Australia/VIC5050/2020|2020-07-18|EPI_ISL_519853|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spie|hCoV-19/England/MILK-ACD4FA/2020|2020-10-20|EPI_ISL_634446|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spie|hCoV-19/England/20142014904/2020|2020-03-30|EPI_ISL_465921|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spie|hCoV-19/USA/WA-S466/2020|2020-04-01|EPI_ISL_434226|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
>Spie|hCoV-19/England/CAMB-77E73/2020|2020-04-03|EPI_ISL_440816|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spie|hCoV-19/Norway/5380/2020|2020-10-28|EPI_ISL_708071|Original|hCoV-19^^Troms og Finnmark|Human|University Hospital of Northern Norway|Norwegian Institute of Public Health|Kopperud Riis|Norway
>Spie|hCoV-19/USA/TX-DSHS-1013/2020|2020-03-30|EPI_ISL_644168|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spie|hCoV-19/USA/UT-QDX-1799/2020|2020-03-15|EPI_ISL_604128|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spie|hCoV-19/England/CAMB-83F17/2020|2020-04-25|EPI_ISL_438710|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spie|hCoV-19/USA/MI-UM-10036687972/2020|2020-10-29|EPI_ISL_650088|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>Spie|hCoV-19/USA/CA-ALSR-0746-IPL/2020|2020-05-06|EPI_ISL_483331|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA
>Spie|hCoV-19/Wales/MILK-9E151C/2020|2020-09-19|EPI_ISL_577404|Original|hCoV-19^^Wales|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spie|hCoV-19/USA/TX-HMH-MCoV-15639/2020|2020-07-09|EPI_ISL_785323|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Longi|USA
>Spie|hCoV-19/England/QEUH-9DD689/2020|2020-09-21|EPI_ISL_599761|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spie|hCoV-19/Wales/PHWC-49818E/2020|2020-11-30|EPI_ISL_727035|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spie|hCoV-19/Wales/PHWC-49BC20/2020|2020-12-06|EPI_ISL_742447|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spie|hCoV-19/England/ALDP-A85379/2020|2020-10-17|EPI_ISL_610570|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spie|hCoV-19/Denmark/DCGC-977/2020|2020-03-09|EPI_ISL_614561|Original|hCoV-19^^Nordjylland|Human|Department of Virus and MicroBiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spie|hCoV-19/USA/MD-MDH-0300/2020|2020-10-14|EPI_ISL_629080|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA
Spike|hCoV-19|Denmark|DCGC-9749|2020-11-09|EPI_ISL_669146|Original|hCoV-19|Sichuan|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

Spike|hCoV-19|England|CAMC-A6548B|2020-10-11|EPI_ISL_608525|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|USA/MI-MDHHS-SC20572|2020-04-30|EPI_ISL_462654|Original|hCoV-19|Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

Spike|hCoV-19|England|20144060204|2020-03-31|EPI_ISL_423548|Original|hCoV-19|England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

Spike|hCoV-19|France/OCC-3|2020-03-00|EPI_ISL_434618|Original|hCoV-19|Occitanie|Human|CHU Purpan - Laboratoire de Virologie | Institut F'\u00e9ratif de Biologie|Laboratoire de virologie - \u00c9cole Nationale V\u00e9toirinaire de Toulouse|Croville|France

Spike|hCoV-19|Japan/PG-2767|2020-04-00|EPI_ISL_690899|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan

Spike|hCoV-19|England|ALDP-B83B90|2020-11-14|EPI_ISL_675581|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19|Denmark|DCGC-10190|2020-11-09|EPI_ISL_669443|Original|hCoV-19|Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

Spike|hCoV-19|Denmark|DCGC-3803|2020-08-31|EPI_ISL_622691|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

Spike|hCoV-19|England|GSTT-265D7E5|2020-03-23|EPI_ISL_484016|Original|hCoV-19|England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

Spike|hCoV-19|USA/TX-HMH-1986|2020-05-18|EPI_ISL_545053|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19|Northern Ireland/NIRE-106FA2|2020-03-31|EPI_ISL_585093|Original|hCoV-19|Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

Spike|hCoV-19|Netherlands/ZH-EMC-350|2020-07-20|EPI_ISL_523691|Original|hCoV-19|Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

Spike|hCoV-19|Japan/PG-7989|2020-08-00|EPI_ISL_687090|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan

Spike|hCoV-19|England|SHEF-C873C|2020-11-28|EPI_ISL_705096|Original|hCoV-19|England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

Spike|hCoV-19|Denmark|DCGC-21583|2020-12-21|EPI_ISL_758248|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

Spike|hCoV-19|England|QUEUH-96AD9B|2020-08-15|EPI_ISL_531389|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Sweden/20-08172|2020-03-12|EPI_ISL_430855|Original|hCoV-19|Halland|Human|Klinisk mikrobiologi och vardhygien Halmstad|The Public Health Agency of Sweden|Svartstr\u00f6|Sweden

Spike|hCoV-19|England|QUEUH-B2B58D|2020-11-03|EPI_ISL_646609|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19|USA/TX-HMH-MCoV-17998|2020-11-16|EPI_ISL_786146|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19|Sichuan/SC-NJ-009|2020-01-27|EPI_ISL_451339|Original|hCoV-19|Sichuan|Human|West China Hospital of Sichuan University|State Key Laboratory of Biotherapy of Sichuan University|Tang|China
Spike|hCoV-19/USA/FL-BPBL-0449/2020|2020-03-20|EPI_ISL_495355|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

Spike|hCoV-19/USA/AZ-TG410653/2020|2020-06-24|EPI_ISL_694966|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

Spike|hCoV-19/England/CAMC-B37D1D/2020|2020-11-05|EPI_ISL_658995|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/Wales/PHWC-48EB613/2020|2020-11-12|EPI_ISL_680886|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/USA/OH-QDX-2391/2020|2020-03-16|EPI_ISL_604718|Original|hCoV-19^^Ohio|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

Spike|hCoV-19/USA/CA-CZB-14422/2020|2020-11-05|EPI_ISL_738925|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

Spike|hCoV-19/USA/WA-S353/2020|2020-03-25|EPI_ISL_434113|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

Spike|hCoV-19/England/CAMC-B0744E/2020|2020-10-30|EPI_ISL_643916|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/England/BRIS-13123C/2020|2020-05-21|EPI_ISL_467717|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/BRIS-185316A/2020|2020-03-31|EPI_ISL_492214|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/England/NORW-E7870/2020|2020-05-05|EPI_ISL_449078|Original|hCoV-19^^England|Human|Quadrant Institute Biosciences|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

Spike|hCoV-19/England/MILK-B56185/2020|2020-11-06|EPI_ISL_658250|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19/India/TG-CDFD-C1829/2020|2020-06-16|EPI_ISL_528571|Original|hCoV-19^^Telangana|Human|National Genomics Core-Center for DNA Fingerprinting and Diagnostics (NGC-CDFD) - DBT's PAN-INDIA-1000 Genome consortium|Vashisht|India

Spike|hCoV-19/USA/TX-DHS5-1402/2020|2020-06-08|EPI_ISL_671651|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

Spike|hCoV-19/England/QUEUH-AFOD99/2020|2020-10-29|EPI_ISL_666004|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

Spike|hCoV-19/England/QUEUH-9B7EC9/2020|2020-09-08|EPI_ISL_590658|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/USA/MD-MDH-0053/2020|2020-05-26|EPI_ISL_509457|Original|hCoV-19^^Maryland|Human|Maryland Department of Health / Maryland Department of Health |Keller|USA

Spike|hCoV-19/England/CAMB-1B06EE/2020|2020-05-09|EPI_ISL_452911|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

Spike|hCoV-19/Japan/PG-8103/2020|2020-08-08|EPI_ISL_687202|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

Spike|hCoV-19/England/SHEF-10D56A5/2020|2020-12-08|EPI_ISL_705204|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/Portugal|PT0991|2020-03-23|EPI_ISL_511539|Original|hCoV-19\^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spke|hCoV-19/South Korea|KCDC2329|2020-05-26|EPI_ISL_510665|Original|hCoV-19\^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spke|hCoV-19/Australia|VIC3216|2020-07-03|EPI_ISL_520901|Original|hCoV-19\^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spke|hCoV-19/England|CAMC-A40FFE|2020-10-06|EPI_ISL_609505|Original|hCoV-19\^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spke|hCoV-19/Wales|MILK-A05854|2020-09-30|EPI_ISL_599974|Original|hCoV-19\^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spke|hCoV-19/Iceland|472|2020-03-20|EPI_ISL_424495|Original|hCoV-19\^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|\u00f3nsson|Iceland

>Spke|hCoV-19/Japan|PG-1594|2020-04-00|EPI_ISL_685200|Original|hCoV-19\^Japan|Human|Pathogen Genomics Center|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spke|hCoV-19/Scotland|EDB1529|2020-04-13|EPI_ISL_433073|Original|hCoV-19\^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spke|hCoV-19/England|ALDP-B45C6A|2020-11-07|EPI_ISL_656181|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spke|hCoV-19/Scotland|EDB1529|2020-10-24|EPI_ISL_652190|Original|hCoV-19\^Wales|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spke|hCoV-19/England|ALDP-A6E3FE|2020-10-15|EPI_ISL_607669|Original|hCoV-19\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spke|hCoV-19/England|ALDP-B27141|2020-11-04|EPI_ISL_664503|Original|hCoV-19\^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust / COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spke|hCoV-19/USA/UN-PB-Wuhan-Hu-1-3|2020-04-04|EPI_ISL_759862|Original|hCoV-19\^USA|Human|Molecular|Molecular|Papoutsis,A.J.|USA

>Spke|hCoV-19/England|QUEU-E24E0|2020-10-27|EPI_ISL_633613|Original|hCoV-19\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spke|hCoV-19/England|QUEU-A01454|2020-09-29|EPI_ISL_595814|Original|hCoV-19\^England|Human|Department of Public Health and Epidemiology|De Silva|United Kingdom

>Spke|hCoV-19/England|CAMB-81A18|2020-04-12|EPI_ISL_443058|Original|hCoV-19\^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spke|hCoV-19/USA/NY-QDX-839|2020-03-17|EPI_ISL_571650|Original|hCoV-19\^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
COVID-19

England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom

Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Braun|USA

Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Roychoudhury|USA

Wisconsin|Human|Departments of Virus and Microbiological Special Diagnostics|Albertsen Lab|Madsen|Denmark

Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom

England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
(VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

> Spike| hCoV-19| Canada| BC-BCCDC-6405| 2020-10-00| EPI_ISL_740560| Original| hCoV-19^ British Columbia| Human| BCCDC Public Health Laboratory| BCCDC Public Health Laboratory| Prystajecjky| Canada

> Spike| hCoV-19| England| ALDP-9CD886| 2020-09-16| EPI_ISL_566367| Original| hCoV-19^ England| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom

> Spike| hCoV-19| England| ALDP-A9393A| 2020-10-20| EPI_ISL_610954| Original| hCoV-19^ England| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom

> Spike| hCoV-19| India| TG-CCMB-L1100| 2020-05-13| EPI_ISL_458059| Original| hCoV-19^ Telangana| Human| CSIR-Centre for Cellular and Molecular Biology| CSIR-Centre for Cellular and Molecular Biology| Banu| India

> Spike| hCoV-19| South Africa| KRISP-K002703| 2020-07-30| EPI_ISL_535563| Original| hCoV-19^ KwaZulu-Natal| Human| NHLS-IALCH| KRISP| de Oliveira| South Africa

> Spike| hCoV-19| Wales| ALDP-BB4ED9| 2020-11-20| EPI_ISL_710731| Original| hCoV-19^ Wales| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom

> Spike| hCoV-19| Saudi Arabia| KAUST-MAKKAH825| 2020-04-24| EPI_ISL_678146| Original| hCoV-19^ Makkah| Human| Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)| Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)| Mohamed Ghazzali| Saudi Arabia

> Spike| hCoV-19| Wales| ALDP-A8640C| 2020-10-17| EPI_ISL_625398| Original| hCoV-19^ Wales| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Davies| United Kingdom

> Spike| hCoV-19| Israel| CVL-159-NGS| 2020-12-27| EPI_ISL_776819| Original| hCoV-19^ Israel| Human| Israel Central Virology laboratory| Israel Central Virology laboratory| Zuckerman| Israel

> Spike| hCoV-19| Spain| PV-IBV-000692| 2020-02-29| EPI_ISL_452772| Original| hCoV-19^ Basque Country| Human| Hospital Universitario Araba. Vitoria-Gasteiz, | SeqCOVID-SPAIN consortium| IBV (CSIC)| Comas| Spain

> Spike| hCoV-19| USA| MI-UM-1003615196| 2020-09-28| EPI_ISL_590734| Original| hCoV-19^ Michigan| Human| University of Michigan Clinical Microbiology Laboratory| Lauring Lab| Valesano| USA

> Spike| hCoV-19| England| ALDP-B73F97| 2020-11-12| EPI_ISL_662179| Original| hCoV-19^ England| Human| Lighthouse Lab in Alderley Park| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium| Davies| United Kingdom

> Spike| hCoV-19| USA| NY-Wadsworth-142774| 2020-04-11| EPI_ISL_676973| Original| hCoV-19^ New York| Human| Wadsworth Center| Wadsworth Center| Lasek-Nesselquist| USA

> Spike| hCoV-19| USA| AZ-TG666140| 2020-03-26| EPI_ISL_696223| Original| hCoV-19^ Arizona| Human| Sonora Quest Laboratories| TGen North| French| USA

> Spike| hCoV-19| USA| NY-PV09047| 2020-03-21| EPI_ISL_421609| Original| hCoV-19^ New York| Human| MHS Clinical Microbiology Laboratories| MHS Pathogen Surveillance Program| van Bakel| USA

> Spike| hCoV-19| England| CAMB-76C01| 2020-03-29| EPI_ISL_438486| Original| hCoV-19^ England| Human| Department of Pathology| Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium| Amato| United Kingdom

> Spike| hCoV-19| USA| CA-SEARCH-5372| 2020-12-16| EPI_ISL_755184| Original| hCoV-19^ California| Human| UCSD EXCITE lab| Andersen lab at Scripps Research| Gangavarapu| USA

> Spike| hCoV-19| Denmark| DGC2-16665| 2020-11-16| EPI_ISL_714298| Original| hCoV-19^ Syddanmark| Human| Department of Virus and Microbiological Special Diagnostics| Albertsen Lab| Michaelsen| Denmark

> Spike| hCoV-19| Denmark| DGC2-11316| 2020-11-02| EPI_ISL_670833| Original| hCoV-19^ Midtjylland| Human| Department of Virus and Microbiological Special Diagnostics| Albertsen Lab| Michaelsen| Denmark
>Spike|hCoV-19/England/QEUH-C3283E/2020|2020-12-11|EPI_ISL_782711|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/QEUH-9F4534/2020|2020-09-27|EPI_ISL_600717|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spire|hCoV-19/England/NORT-288EC8/2020|2020-03-24|EPI_ISL_453493|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spire|hCoV-19/England/QEUH-9F4534/2020|2020-09-27|EPI_ISL_600717|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spire|hCoV-19/England/NORT-288EC8/2020|2020-03-24|EPI_ISL_453493|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/ALDP-B5D054/2020|2020-11-09|EPI_ISL_678848|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/England/CAMB-1B061B/2020|2020-05-09|EPI_ISL_452899|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/England/MILK-C2P61C/2020|2020-12-07|EPI_ISL_782847|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spike|hCoV-19/Spain/MD-IVB-8934/2020|2020-05-10|EPI_ISL_568759|Original|hCoV-19^Spain|MCI|Human|Department of Microbiology and Infectious Diseases|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Spain/M-IVB-8934/2020|2020-05-10|EPI_ISL_568759|Original|hCoV-19^Spain|MCI|Human|Department of Microbiology and Infectious Diseases|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Australia/VIC15075/2020|2020-09-24|EPI_ISL_592860|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Spain/MD-IVB-99008808/2020|2020-09-21|EPI_ISL_654158|Original|hCoV-19^Spain|MCI|Human|Hospital General Universitari Gregorio Marañón|u00f1|u00f1|3n|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
>Spike|hCoV-19|England/BRIS-121E77/2020|2020-03-20|EPI_ISL_440095|Original|hCoV-19
^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19|USA/TX-HMH-MCoV-16363/2020|2020-11-01|EPI_ISL_786047|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|Canada/ON-PHL-20-00062/2020|2020-00-00|EPI_ISL_548738|Original|hCoV-19
^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada
>Spike|hCoV-19|USA/WA-UK-7777/2020|2020-04-19|EPI_ISL_570194|Original|hCoV-19
^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19|England/NORT-28A3C7/2020|2020-04-11|EPI_ISL_453531|Original|hCoV-19
^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19|England/CAMC-94BE9D/2020|2020-07-15|EPI_ISL_556716|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/QEUH-B6A6E9/2020|2020-11-11|EPI_ISL_662563|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|Russia/StPetersburg-RII8418S/2020|2020-04-22|EPI_ISL_450284|Original|hCoV-19
^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Spike|hCoV-19|Portugal/PT0572/2020|2020-03-26|EPI_ISL_454295|Original|hCoV-19
^Portugal|Human|unknown|Instituto Nacional de Saúde (INSA)|Borges|Portugal
>Spike|hCoV-19|England/BRIS-12DA4A/2020|2020-05-07|EPI_ISL_481903|Original|hCoV-19
^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Spain/CL-IVB-97006301/2020|2020-04-21|EPI_ISL_537670|Original|hCoV-19
^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain
>Spike|hCoV-19|England/MILK-999FCA/2020|2020-08-30|EPI_ISL_550353|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/LIVE-98F97/2020|2020-04-07|EPI_ISL_439678|Original|hCoV-19
^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19|USA/WA-S1878/2020|2020-05-28|EPI_ISL_496304|Original|hCoV-19
^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spike|hCoV-19|England/EXET-1357B1/2020|2020-04-11|EPI_ISL_457098|Original|hCoV-19
^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spike|hCoV-19|England/ALDP-9E99BE/2020|2020-09-24|EPI_ISL_584273|Original|hCoV-19
^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19|Denmark/DCGC-17907/2020|2020-12-14|EPI_ISL_749159|Original|hCoV-19
^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab |Michaelsen|Denmark
>Spike|hCoV-19|USA/LA-ALSR-0058-NBG/2020|2020-03-23|EPI_ISL_434517|Original|hCoV-19
^Louisiana|Human|Robert Garry lab |Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19|USA/TX-DSHS-1523/2020|2020-06-23|EPI_ISL_683438|Original|hCoV-19
^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spike|hCoV-19|USA/UT-UPHL-03198/2020|2020-05-06|EPI_ISL_575264|Original|hCoV-19
^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19|Italy/LAZ-1NMI-15/2020|2020-07-07|EPI_ISL_590696|Original|hCoV-19
^Lazio|Human|INMI Lazzaro Spallanzani IRCCS|INMI Lazzaro Spallanzani IRCCS|Gruber|Italy
>Spike|hCoV-19|England|EXET-13A497|2020|2020-11-05|EPI ISL_664251|Original|hCoV-19
>England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK)
Consortium|Temperton|United Kingdom

>Spikes|hCoV-19|England|ALDP-B6339F|2020|2020-11-09|EPI ISL_656533|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)
Consortium|Davies|United Kingdom

>Spikes|hCoV-19|England|NORT-2885F0|2020|2020-12-06|EPI ISL_725027|Original|hCoV-19
>England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK)
Consortium|Bashton|United Kingdom

>Spikes|hCoV-19|Scotland|CVR5389|2020|2020-09-22|EPI ISL_651792|Original|hCoV-19
>Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK)
Consortium|Robertson|United Kingdom

>Spikes|hCoV-19|Scotland|QEUH-964951|2020|2020-08-13|EPI ISL_531142|Original|hCoV-19
>Scotland|Human|NSHSGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research/Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)
Consortium|Blanton|United Kingdom

>Spikes|hCoV-19|England|ALDP-BB3836|2020|2020-11-19|EPI ISL_701749|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)
Consortium|Davies|United Kingdom

>Spikes|hCoV-19|England|SHEF-C060A|2020|2020-03-20|EPI ISL_420285|Original|hCoV-19
>England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spikes|hCoV-19|Australia|VIC13831|2020|2020-08-26|EPI ISL_563848|Original|hCoV-19
>Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spikes|hCoV-19|Scotland|EDB8903|2020|2020-11-16|EPI ISL_680542|Original|hCoV-19
>Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK)
Consortium|McHugh|United Kingdom

>Spikes|hCoV-19|USA/CA-CZB-13864|2020|2020-08-14|EPI ISL_739158|Original|hCoV-19
>California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spikes|hCoV-19|England|QEUH-9B8C37|2020|2020-09-07|EPI ISL_549713|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)
Consortium|Davies|United Kingdom

>Spikes|hCoV-19|USA/FL-BPHL-0277|2020|2020-05-07|EPI ISL_480928|Original|hCoV-19
>Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spikes|hCoV-19|England|MILK-9708FB|2020|2020-08-17|EPI ISL_553229|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)
Consortium|Davies|United Kingdom

>Spikes|hCoV-19|England|ALDP-B858C4|2020|2020-11-14|EPI ISL_675544|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)
Consortium|Davies|United Kingdom

>Spikes|hCoV-19|England|MILK-B8EB2C|2020|2020-11-13|EPI ISL_674618|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)
Consortium|Davies|United Kingdom

>Spikes|hCoV-19|Scotland|QEUH-A1FBB8|2020|2020-10-01|EPI ISL_598991|Original|hCoV-19
>Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)
Consortium|Davies|United Kingdom

>Spikes|hCoV-19|USA/CA-ALSR-3693|2020|2020-09-23|EPI ISL_636151|Original|hCoV-19
>California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spikes|hCoV-19|USA/CA-CHLA-PLM87677393|2020|2020-11-30|EPI ISL_753449|Original|hCoV-19
>California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spikes|hCoV-19|England|MILK-99A020|2020|2020-08-30|EPI ISL_550379|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)
Consortium|Davies|United Kingdom

>Spikes|hCoV-19|USA/MN-CDC-6513|2020|2020-04-13|EPI ISL_527716|Original|hCoV-19
>Minnesota|Human|MN PHL Division|Pathogen Discovery|Queen|USA
>Spike|hCoV-19/Australia/NSW2029/2020|2020-03-20|EPI_ISL_509492|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia
>Spike|hCoV-19/Hong Kong/VB20214929/2020|2020-10-11|EPI_ISL_760056|Original|hCoV-19^^Hong Kong|Human|Hong Kong Department of Health|School of Public Health|Chu|China
>Spike|hCoV-19/Netherlands/GE-EMC-244/2020|2020-00-00|EPI_ISL_523223|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands
>Spike|hCoV-19/Denmark/DCGC-6531/2020|2020-10-05|EPI_ISL_619431|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Australia/NSW768/2020|2020-07-31|EPI_ISL_513410|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Liverpool Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spike|hCoV-19/England/MILK-AC7469/2020|2020-10-21|EPI_ISL_630030|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/LIVE-A8028/2020|2020-03-26|EPI_ISL_517104|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/USA/NY-Wadsworth-44440-01/2020|2020-04-10|EPI_ISL_525666|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA
>Spoke|hCoV-19/Australia/VIC12452/2020|2020-07-27|EPI_ISL_591993|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spoke|hCoV-19/England/QEUH-B6A5BF/2020|2020-11-11|EPI_ISL_662568|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spoke|hCoV-19/Denmark/DCGC-21750/2020|2020-12-21|EPI_ISL_758342|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spoke|hCoV-19/Spain/VC-FISABIO-661/2020|2020-03-31|EPI_ISL_455727|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiología. Hospital Clínico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candela|Spain
>Spoke|hCoV-19/USA/AZ-TG640790/2020|2020-04-27|EPI_ISL_695762|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA
>Spoke|hCoV-19/Denmark/DCGC-11096/2020|2020-11-02|EPI_ISL_670390|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spoke|hCoV-19/England/NORT-287F02/2020|2020-11-15|EPI_ISL_725006|Original|hCoV-19^^England|Human|Northumbria University |South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spoke|hCoV-19/England/ALDP-C498E9/2020|2020-12-12|EPI_ISL_718908|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spoke|hCoV-19/England/ALDP-A2E64C/2020|2020-10-06|EPI_ISL_586923|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19/Denmark/DCGC-3304/2020|2020-08-31|EPI_ISL_616057|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spoke|hCoV-19/Sweden/20-08682/2020|2020-03-25|EPI_ISL_434641|Original|hCoV-19^^Norrbotten|Human|Laboratoriemedicin|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden
>Spike|hCoV-19|Luxembourg/LNS4918228/2020|2020-11-09|EPI_ISL_744160|Original|hCoV-19^Luxembourg|Human|Laboratoire national de santé u00e9|Laboratoire national de santé u00e9|Wienecke-Baladchino|Luxembourg
>Spik|e|hCoV-19|Scotland/QEUH-A36C4F/2020|2020-10-06|EPI_ISL_706926|Original|hCoV-19^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spik|e|hCoV-19|India/UT-AR6/2020|2020-05-22|EPI_ISL_508196|Original|hCoV-19^Uttarakhand|Human|All India institute of Medical Sciences Rishikesh|National Institute of Biomedical Genomics|Maitra|India
>Spik|e|hCoV-19|England/CA|MC-9EBAAA/2020|2020-09-24|EPI_ISL_584396|Original|hCoV-19^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spik|e|hCoV-19|India/GJ-GBRC303b/2020|2020-06-15|EPI_ISL_495051|Original|hCoV-19^Gujarat|Human|GMERS Medical College & Hospital|Gujarat Biotechnology Research Centre|Joshi|India
>Spik|e|hCoV-19|England/NORT-281DOE/2020|2020-03-24|EPI_ISL_478481|Original|hCoV-19^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spik|e|hCoV-19|England/CAMB-1B2D8D/2020|2020-05-19|EPI_ISL_456724|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spik|e|hCoV-19|USA/WI-GMF-25883/2020|2020-10-14|EPI_ISL_660938|Original|hCoV-19^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA
>Spik|e|hCoV-19|England/CAMB-77D58/2020|2020-04-01|EPI_ISL_440827|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spik|e|hCoV-19|Australia/VIC6116/2020|2020-07-22|EPI_ISL_518134|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU|Schultz|Australia
>Spik|e|hCoV-19|Finland/20S511G9/2020|2020-09-20|EPI_ISL_757372|Original|hCoV-19^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland
>Spik|e|hCoV-19|Wales/PHWC-49D71E/2020|2020-12-12|EPI_ISL_742824|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik|e|hCoV-19|Australia/VIC928/2020|2020-03-30|EPI_ISL_427156|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spik|e|hCoV-19|Denmark/DCGC-17943/2020|2020-12-14|EPI_ISL_749659|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelson|Denmark
>Spik|e|hCoV-19|USA/TX-HMH-MCoV-19318/2020|2020-11-28|EPI_ISL_783757|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|e|hCoV-19|England/CA|MC-1BBCED1/2020|2020-11-18|EPI_ISL_724209|Original|hCoV-19^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhann|United Kingdom
>Spik|e|hCoV-19|USA/TX-HMH-4552/2020|2020-06-21|EPI_ISL_543712|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spik|e|hCoV-19|England/QEUH-AF54EA/2020|2020-10-30|EPI_ISL_663182|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|e|hCoV-19|Denmark/DCGC-14456/2020|2020-11-30|EPI_ISL_711777|Original|hCoV-19^Sjddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelson|Denmark
>Spike|hCoV-19/USA/WI-WSLH-200185/2020|2020-04-07|EPI_ISL_578410|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spiked|hCoV-19/India/TG-CCMB-L1476/2020|2020-05-25|EPI_ISL_471604|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Borges|India

>Spiked|hCoV-19/USA/CA-CZB-13273/2020|2020-10-28|EPI_ISL_672431|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spiked|hCoV-19/Portugal/PT0512/2020|2020-03-20|EPI_ISL_454236|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spiked|hCoV-19/USA/CA-CSMC137/2020|2020-04-12|EPI_ISL_475615|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

>Spiked|hCoV-19/USA/WI-UW-865/2020|2020-07-06|EPI_ISL_509868|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spiked|hCoV-19/Italy/TUS-DBM-1/2020|2020-03-01|EPI_ISL_582123|Vero|hCoV-19^^Tuscany|Human|UOC Microbiologia e Virologia|Dipartimento di Biotecnologie Mediche|Pinzauti|Italy

>Spiked|hCoV-19/USA/VA-DCLS-1637/2020|2020-08-20|EPI_ISL_614040|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spiked|hCoV-19/England/QUEUH-AF10CC/2020|2020-10-29|EPI_ISL_662773|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spiked|hCoV-19/England/NOTT-1158F0/2020|2020-10-15|EPI_ISL_595273|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spiked|hCoV-19/Japan/PG-7835/2020|2020-08-00|EPI_ISL_686937|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spiked|hCoV-19/England/BRIS-12F9F0/2020|2020-04-03|EPI_ISL_488187|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spiked|hCoV-19/Canada/ON-A6/2020|2020-11-24|EPI_ISL_755733|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spiked|hCoV-19/Canada/QC-LSPQ-L00239235/2020|2020-03-21|EPI_ISL_536239|Original|hCoV-19^^Quebec|Human|H\u00f4pital de Hull|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spiked|hCoV-19/Mexico/COL-InDRE-76/2020|2020-08-24|EPI_ISL_576279|Original|hCoV-19^^Colima|Human|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Rodriguez|Mexico

>Spiked|hCoV-19/North Macedonia/9457/2020|2020-08-06|EPI_ISL_678249|Original|hCoV-19^^Skopje|Human|Center for public health - Skopje|Research Center for Genetic Engineering and Biotechnology \|Georgi D. Efremov\|u201d\|Dimovski\|North Macedonia

>Spiked|hCoV-19/England/NOTT-11F43E/2020|2020-11-24|EPI_ISL_706432|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spiked|hCoV-19/Australia/VIC4042/2020|2020-07-09|EPI_ISL_519425|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spiked|hCoV-19/Spain/VC-FISABIO-599/2020|2020-04-01|EPI_ISL_447521|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Clinico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain
>Spike|hCoV-19/England/CAMC-A81CCD/2020|2020-10-12|EPI_ISL_610906|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spk|hCoV-19/Spain/AN-IBV-006108/2020|2020-07-02|EPI_ISL_510439|Original|hCoV-19^Andalucia|Human|Hospital Universitario Virgen de las Nieves de Granada-SAS|SeqCOVID-SPAIN consortium/IBV(CSIC)Comas|Spain
>Spk|hCoV-19/Netherlands/2H-EMC-682/2020|2020-09-27|EPI_ISL_632345|Original|hCoV-19^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spk|hCoV-19/Scotland/EDB6324/2020|2020-06-01|EPI_ISL_473936|Original|hCoV-19^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spk|hCoV-19/England/ALDP-A6D6BA/2020|2020-10-15|EPI_ISL_608100|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spk|hCoV-19/England/MILK-A7CB22/2020|2020-10-15|EPI_ISL_607383|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spk|hCoV-19/Denmark/DCGC-15203/2020|2020-11-23|EPI_ISL_713309|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albersen Lab|Michaelsen|Denmark
>Spk|hCoV-19/Denmark/DCGC-20669/2020|2020-12-21|EPI_ISL_759287|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albersen Lab|Michaelsen|Denmark
>Spk|hCoV-19/England/QEUH-B6643E/2020|2020-11-11|EPI_ISL_661541|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spk|hCoV-19/England/MILK-A05C00/2020|2020-09-30|EPI_ISL_600122|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spk|hCoV-19/Scotland/CVR4429/2020|2020-09-15|EPI_ISL_585300|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spk|hCoV-19/Switzerland/VS-ETHZ-310509/2020|2020-10-08|EPI_ISL_603577|Original|hCoV-19^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Naeade|Switzerland
>Spk|hCoV-19/England/CAMC-C43946/2020|2020-12-10|EPI_ISL_719422|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spk|hCoV-19/Switzerland/ZH-ETHZ-270190/2020|2020-08-29|EPI_ISL_541534|Original|hCoV-19^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Naeade|Switzerland
>Spk|hCoV-19/Wales/PHWC-491B87/2020|2020-11-10|EPI_ISL_706750|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spk|hCoV-19/Brazil/RJ-INCA-C79/2020|2020-04-24|EPI_ISL_513569|Original|hCoV-19^Rio de Janeiro|Human|Programa de Oncovirolgia|Programa de Oncovirolgia|Ramos Goes|Brazil
>Spk|hCoV-19/USA/UT-08363/2020|2020-05-20|EPI_ISL_524146|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spk|hCoV-19/England/QEUH-B2D9CB/2020|2020-11-03|EPI_ISL_647023|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|Spain/MD-IBV-004898/2020|2020-03-08|EPI_ISL_481075|Original|hCoV-19|^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|u00f1|u00f3n|SeqCOVID-Spain consortium/IBV(CSIC)|Comas|Spain
>SpikehCoV-19|England/OND-124DA5/2020|2020-03-23|EPI_ISL_507062|Original|hCoV-19|^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom
>SpikkehCoV-19|England/ALDP-9FCD9E/2020|2020-10-01|EPI_ISL_587908|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium/Davies|United Kingdom
>SpikehCoV-19|Denmark/DCGC-22057/2020|2020-12-14|EPI_ISL_758530|Original|hCoV-19|^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics/Alberts Lab|Michaelsen|Denmark
>SpikehCoV-19|USA/MI-MDHHS-SC21433/2020|2020-03-24|EPI_ISL_507687|Original|hCoV-19|^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>SpikehCoV-19|USA/MN-MDH-2143/2020|2020-11-05|EPI_ISL_708481|Original|hCoV-19|^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA
>SpikehCoV-19|Australia/VIC13824/2020|2020-09-15|EPI_ISL_563843|Original|hCoV-19|^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>SpikehCoV-19|Wales/PHWC-4863C9/2020|2020-10-27|EPI_ISL_639039|Original|hCoV-19|^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium/Moore|United Kingdom
>SpikehCoV-19|USA/TX-HMH-MCoV-15447/2020|2020-10-22|EPI_ISL_786931|Original|hCoV-19|^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>SpikehCoV-19|Australia/WA302/2020|2020-03-12|EPI_ISL_596845|Original|hCoV-19|^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia
>SpikehCoV-19|USA/CA-CZB-1817/2020|2020-04-22|EPI_ISL_486134|Original|hCoV-19|^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA
>SpikehCoV-19|Turkey/HSGM-5602/2020|2020-03-18|EPI_ISL_428714|Original|hCoV-19|^Kastamonu|Human|Ministry of Health Turkey|Ministry of Health Turkey|Bayramdar|Turkey
>SpikehCoV-19|England/LIVE-A54F2/2020|2020-03-19|EPI_ISL_500123|Original|hCoV-19|^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium/Haldenby|United Kingdom
>SpikehCoV-19|Wales/PHWC-36687/2020|2020-05-01|EPI_ISL_474696|Original|hCoV-19|^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium/Moore|United Kingdom
>SpikehCoV-19|England/ALDP-B46452/2020|2020-11-07|EPI_ISL_656080|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium/Davies|United Kingdom
>SpikehCoV-19|Netherlands/ZH-EMC-935/2020|2020-11-06|EPI_ISL_722735|Original|hCoV-19|^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>SpikehCoV-19|England/NOTT-11E666/2020|2020-11-28|EPI_ISL_725529|Original|hCoV-19|^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium/Loose|United Kingdom
>SpikehCoV-19|Thailand/Bangkok-CONI-0227/2020|2020-03-25|EPI_ISL_512869|Original|hCoV-19|^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand
>SpikehCoV-19|Japan/PG-0405/2020|2020-03-30|EPI_ISL_480074|Original|hCoV-19|^Kanto|Human|Shizuoka City Institute of Environmental Sciences and Public Health|Pathogen Genomics Center|Sekizuka|Japan
>SpikehCoV-19|USA/LA-EVTL366/2020|2020-05-28|EPI_ISL_578772|Original|hCoV-19|^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spike|hCoV-19/Australia/QLD999/2020|2020-07-30|EPI_ISL_530257|Original|hCoV-19^^Queensland|Human|Queensland Health Forensic and Scientific Services|Public Health Virology Laboratory|Nguyen|Australia
>Spike|hCoV-19/England/20129015004/2020|2020-03-20|EPI_ISL_423996|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/England/LIVE-9EE49/2020|2020-04-06|EPI_ISL_453401|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/England/CAMC-C45829/2020|2020-12-10|EPI_ISL_719460|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMC-BD17BD/2020|2020-11-27|EPI_ISL_702206|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-B46944/2020|2020-11-07|EPI_ISL_655996|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/CA-SEARCH-5507/2020|2020-11-25|EPI_ISL_755116|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/England/QEUH-9FFD5F/2020|2020-10-02|EPI_ISL_600280|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WA-UW-3500/2020|2020-03-27|EPI_ISL_491028|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/Denmark/DGCC-15653/2020|2020-11-23|EPI_ISL_713941|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albersen Lab|Michaelensen|Denmark
>Spike|hCoV-19/Australia/VIC7485/2020|2020-07-24|EPI_ISL_564441|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Norway/3168/2020|2020-07-27|EPI_ISL_549051|Original|hCoV-19^^Oslo|Human|Vestfold Hospital|Norwegian Institute of Public Health|Kopperud Riis|Norway
>Spike|hCoV-19/USA/WA-S1863/2020|2020-05-27|EPI_ISL_496289|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spike|hCoV-19/USA/TX-HMH-MCoV-9285/2020|2020-07-03|EPI_ISL_781036|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/France/BRE-IPP00003/2020|2020-10-23|EPI_ISL_718239|Original|hCoV-19^^Bretagne|Human|National Reference Center for Viruses of Respiratory Infections|Enouf|France
>Spike|hCoV-19/USA/TX-HMH-MCoV-14536/2020|2020-10-08|EPI_ISL_787821|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Wales/PHWC-15C6F3/2020|2020-03-31|EPI_ISL_472527|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/CAMB-83849/2020|2020-04-13|EPI_ISL_443610|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/South Korea/KDCA0446/2020|2020-11-16|EPI_ISL_760230|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea
>Spike|hCoV-19/USA/LA-EVTL221/2020|2020-08-22|EPI_ISL_574355|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spike|hCoV-19/USA/MI-MDHHS-SC20877/2020|2020-05-19|EPI_ISL_471898|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/USA/UT-UPHL-2012290626/2020|2020-08-03|EPI_ISL_745602|Original|hCoV-19^England|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spitk|hCoV-19/Scotland/CVR4478/2020|2020-09-20|EPI_ISL_585342|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Glasgow / MRc-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spitk|hCoV-19/USA/TX-HMH-MCoV-18623/2020|2020-11-21|EPI ISL_784971|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spitk|hCoV-19/USA/TX-HMH-MCoV-9134/2020|2020-07-02|EPI ISL_780960|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spitk|hCoV-19/USA/TX-HMH-3189/2020|2020-06-13|EPI ISL_544063|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spitk|hCoV-19/USA/HI-H200344/2020|2020-08-31|EPI ISL_752900|Original|hCoV-19^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA
>Spitk|hCoV-19/South Korea/KDCA0015/2020|2020-08-27|EPI ISL_747256|Original|hCoV-19^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea
>Spitk|hCoV-19/England/QEUH-9FA375/2020|2020-09-28|EPI ISL_588090|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow/Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spitk|hCoV-19/Gambia/GC19-2904/2020|2020-07-24|EPI ISL_561154|Original|hCoV-19^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia
>Spitk|hCoV-19/Rwanda/E32781-3RD/2020|2020-06-10|EPI ISL_707713|Original|hCoV-19^Rwanda|Human|Rwanda National Reference Laboratory|Rwanda National Reference Laboratory|Mukantwari|Rwanda
>Spitk|hCoV-19/England/ALDP-B84467/2020|2020-11-14|EPI ISL_674207|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park/Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spitk|hCoV-19/England/MILK-B598BA/2020|2020-11-06|EPI ISL_679882|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spitk|hCoV-19/USA/WA-S2536/2020|2020-06-15|EPI ISL_497168|Original|hCoV-19^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spitk|hCoV-19/Australia/NSW2754/2020|2020-09-12|EPI ISL_539327|Original|hCoV-19^New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia
>Spitk|hCoV-19/England/NOTT-10EERF/2020|2020-03-28|EPI ISL_432935|Original|hCoV-19^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spitk|hCoV-19/Switzerland/SONS-ETHZ-360212/2020|2020-11-09|EPI ISL_729253|Original|hCoV-19^Solothurn|Human|Vio1lier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spitk|hCoV-19/Australia/VIC3135/2020|2020-07-06|EPI ISL_520842|Original|hCoV-19^Victoria|Human|Vic1orian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spitk|hCoV-19/Ireland/LK-NVRL-MPT82886/2020|2020-05-13|EPI ISL_671351|Original|hCoV-19^Limerick|Human|National Virus Reference Laboratory/Irish CoVonavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland
>Spitk|hCoV-19/England/CAMC-B0CBBB/2020|2020-10-30|EPI ISL_643433|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge/Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spitk|hCoV-19/England/CAMC-B232A4/2020|2020-11-05|EPI ISL_658750|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge/Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spitk|hCoV-19/Spain/CL-IBV-97006156/2020|2020-04-05|EPI ISL_537303|Original|hCoV-19^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
>Spitk|hCoV-19/England/ALDP-A87799/2020|2020-10-17|EPI ISL_605961|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park/Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom


> Spike|hCoV-19/USA/LA-EVTTL141/2020|2020-03-30|EPI_ISL_455984|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
> Spike|hCoV-19/Denmark/DGCC-19931/2020|2020-12-07|EPI_ISL_747876|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
> Spike|hCoV-19/Wuhan/0125-A152/2020|2020-01-25|EPI_ISL_493153|Original|hCoV-19^^Hubei|Human|National Virus Resource Center|Computational Virology Group|Liu|China
> Spike|hCoV-19/England/QEUH-9DE2C0/2020|2020-09-21|EPI_ISL_599712|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the Research|Gangavarapu|Jordan
> Spike|hCoV-19/England/MILK-B96259/2020|2020-11-13|EPI_ISL_674974|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/Denmark/DGCC-8568/2020|2020-10-26|EPI_ISL_625776|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
> Spike|hCoV-19/England/QEUH-7859/2020|2020-12-25|EPI_ISL_692880|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the Research|Gangavarapu|Jordan
> Spike|hCoV-19/Minnesota/329MM01/2020|2020-01-25|EPI_ISL_688955|Original|hCoV-19^^Minnesota|Human|Public Health Laboratory - Infectious Disease Lab|Minnesota Department of Health|Lorentz|USA
> Spike|hCoV-19/England/20184026604/2020|2020-04-24|EPI_ISL_465453|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/England/QUEUH-9617A5/2020|2020-08-01|EPI_ISL_537074|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spiking|hCoV-19/Australia/NWSW2871/2020|2020-09-17|EPI_ISL_678358|Original|hCoV-19^^New South Wales|Human|Area of Virology|Virology Research Laboratory; Area of Virology|Foster|Australia

>Spiking|hCoV-19/USA/TX-HMH-MCoV-16029/2020|2020-10-27|EPI_ISL_785713|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spiking|hCoV-19/Scotland/EDBS5245/2020|2020-05-20|EPI_ISL_456992|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spiking|hCoV-19/Japan/PG-8191/2020|2020-08-00|EPI_ISL_687290|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan

>Spiking|hCoV-19/Netherlands/ZH-RIVM-20905/2020|2020-12-24|EPI_ISL_790940|Original|hCoV-19^^Zuid-holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spiking|hCoV-19/Denmark/DGCC-20703/2020|2020-12-21|EPI_ISL_759314|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spiking|hCoV-19/USA/NY-Wadsworth-192885-01/2020|2020-07-03|EPI_ISL_677014|Original|hCoV-19^^New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA

>Spiking|hCoV-19/England/QUEUH-AD3E11/2020|2020-10-26|EPI_ISL_629990|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spiking|hCoV-19/USA/TX-HMH-MCoV-19256/2020|2020-11-27|EPI_ISL_783721|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spiking|hCoV-19/USA/TX-HMH-MCoV-14445/2020|2020-10-07|EPI_ISL_787730|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spiking|hCoV-19/USA/SC-SCDHEC-0216/2020|2020-05-19|EPI_ISL_529195|Original|hCoV-19^^South Carolina|Human|South Carolina Department of Health and Environmental Control|South Carolina Department of Health and Environmental Control|Flores|USA

>Spiking|hCoV-19/USA/AZ-TG602447/2020|2020-07-16|EPI_ISL_695647|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spiking|hCoV-19/Wales/PWMC-1624E1/2020|2020-06-03|EPI_ISL_473080|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spiking|hCoV-19/Wales/PWMC-49ECOF/2020|2020-12-08|EPI_ISL_743104|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spiking|hCoV-19/England/MILK-B3B667/2020|2020-11-01|EPI_ISL_659051|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spiking|hCoV-19/Denmark/ALAB-SSI-1100/2020|2020-04-01|EPI_ISL_437634|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spiking|hCoV-19/England/CAMC-B5132A/2020|2020-11-08|EPI_ISL_657864|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spiking|hCoV-19/England/CAMC-B363D0/2020|2020-11-05|EPI_ISL_645496|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spiking|hCoV-19/England/LIVE-ABEC1/2020|2020-08-07|EPI_ISL_540634|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spiking|hCoV-19/Spain/CT-IBV-005611/2020|2020-04-24|EPI_ISL_508656|Original|hCoV-19^^Catalunya|Human|Departamento de Microbiologia u00eda|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
> Spike|hCoV-19|Denmark|DCGC-12764|2020|2020-11-09|EPI_ISL_682945|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark

> Spike|hCoV-19|Bangladesh|SUST|GEB-Habiganj|1/2020|2020-12-02|EPI_ISL_754109|Original|hCoV-19^^England|Human|Specialized Lab for COVID-19 Detection|Sylhet|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark

> Spike|hCoV-19|Denmark|DCGC-16391|2020|2020-11-16|EPI_ISL_714149|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark

> Spike|hCoV-19|Hungary|UD-58207|2020|2020-09-03|EPI_ISL_671451|Original|hCoV-19^^Szabolcs-Szatmári-Bereg county|Human|University of Debrecen|National Laboratory of Virology|Kemenesi|Hungary

> Spike|hCoV-19|Spain|MD-IBV-99008489|2020|2020-09-10|EPI_ISL_654063|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Marañón|u00f1o de f3n|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

> Spike|hCoV-19|Peru|LAL-UPCH-0109|2020|2020-03-23|EPI_ISL_540986|Original|hCoV-19^^La Libertad|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Genomica Microbiana|Tsukayama|Peru

> Spike|hCoV-19|England|NORW-FOCE9|2020|2020-00-00|EPI_ISL_595210|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

> Spike|hCoV-19|USA|NY-QDX-2008|2020|2020-03-17|EPI_ISL_604361|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

> Spike|hCoV-19|USA|SC-DHEC-0882|2020|2020-06-26|EPI_ISL_538433|Original|hCoV-19^^South Carolina|Human|Microbiology Division|Microbiology Division|Flores|USA

> Spike|hCoV-19|Germany|HH-hpi-p1618|2020|2020-03-17|EPI_ISL_775799|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

> Spike|hCoV-19|Denmark|DCGC-11487|2020|2020-11-02|EPI_ISL_670951|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark

> Spike|hCoV-19|Denmark|DCGC-12538|2020|2020-11-16|EPI_ISL_682719|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark

> Spike|hCoV-19|Spain|AR-IBV-2459|2020|2020-03-27|EPI_ISL_468807|Original|hCoV-19^^Aragon|Human|Servicio de Microbiologia|u00eda|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

> Spike|hCoV-19|England|ALDF-C3D806|2020|2020-12-10|EPI_ISL_730774|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19|Scotland|EDB6009|2020|2020-05-05|EPI_ISL_487731|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|Singapore|402|2020|2020-04-17|EPI_ISL_469151|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

> Spike|hCoV-19|England|MILK-A7DF43|2020|2020-10-13|EPI_ISL_606468|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19|Denmark|DCGC-4292|2020|2020-09-07|EPI_ISL_615729|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelisen|Denmark

> Spike|hCoV-19|England|QEUH-B13193|2020|2020-11-01|EPI_ISL_642439|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

> Spike|hCoV-19|England|CAMB-7ADB|2020|2020-04-09|EPI_ISL_433879|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
Spike|hCoV-19|Turkey/IST-GLAB-021|2020/2020-04-17|EPI_ISL_480233|Original|hCoV-19^Istanbul|Human|Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)|Genomic Laboratory (GLAB)|Karacan|Turkey

Spike|hCoV-19|England/ALDP-909235|2020/2020-06-24|EPI_ISL_551431|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Japan/PG-8413|2020/2020-08-08|EPI_ISL_687512|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

Spike|hCoV-19|Wales/PHWC-27003|2020/2020-03-28|EPI_ISL_422125|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology

Spike|hCoV-19|Netherlands/Gelderland_64|2020/2020-05-18|EPI_ISL_460963|Original|hCoV-19^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

Spike|hCoV-19|Netherlands/FR-RIVM-20858|2020/2020-12-20|EPI_ISL_790827|Original|hCoV-19^Friesland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

Spike|hCoV-19|Scotland/CVR5242|2020/2020-10-17|EPI_ISL_627408|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

Spike|hCoV-19|USA/CA-QDX-160|2020/2020-03-16|EPI_ISL_467822|Original|hCoV-19^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

Spike|hCoV-19|Hong Kong/HKU-200723|2019/2020-03-19|EPI_ISL_497786|Original|hCoV-19^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China

Spike|hCoV-19|Denmark/DGCC-21990|2020/2020-12-14|EPI_ISL_758497|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

Spike|hCoV-19|Scotland/CVR5890|2020/2020-11-18|EPI_ISL_705649|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

Spike|hCoV-19|USA/MI-MDHS-SC20872|2020/2020-05-14|EPI_ISL_471893|Original|hCoV-19^Michigan|Human|Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

Spike|hCoV-19|Netherlands/NA_653|2020/2020-09-00|EPI_ISL_461088|Original|hCoV-19^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

Spike|hCoV-19|England/NOTT-120A21|2020/2020-12-11|EPI_ISL_741618|Original|hCoV-19^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

Spike|hCoV-19|England/PORT-2D7370|2020/2020-10-21|EPI_ISL_628333|Original|hCoV-19^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

Spike|hCoV-19|England/PORT-2F56DD|2020/2020-07-24|EPI_ISL_535042|Original|hCoV-19^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

Spike|hCoV-19|Spain/PV-IBV-001604|2020/2020-03-13|EPI_ISL_467175|Original|hCoV-19^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz|SegCOVID-SPAIN consortium|IVB (CSIC)|Comas|Spain

Spike|hCoV-19|Hong Kong/VM20112814|2020/2020-08-23|EPI_ISL_637041|Original|hCoV-19^Hong Kong|Human|Private medical practitioner|Hong Kong Department of Health|Mak|China

Spike|hCoV-19|Scotland/QEUH-9B4F8D|2020/2020-09-07|EPI_ISL_602087|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|England/SHEF-CB286|2020/2020-03-29|EPI_ISL_448866|Original|hCoV-19^England|Human|Virology Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
> Spike\text{hCoV-19}\text{Spain/AN-IBV/001944/2020/2020-03-12|EPI_ISL_452434|Original|hCoV-19}\text{^\^Andalucia|Human|Servicio de Microbiolog\u00eda. HRU de M\u00edellaga. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium/IVB (CSIC) |Comas|Spain}
> Spike\text{hCoV-19}\text{Denmark/DGCC-8602/2020/2020-10-26|EPI_ISL_625934|Original|hCoV-19}\text{^\^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark}
> Spike\text{hCoV-19}\text{Denmark/DGCC-21862/2020/2020-12-21|EPI_ISL_758415|Original|hCoV-19}\text{^\^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark}
> Spike\text{hCoV-19}\text{India/MH-ACTREC-248/2020/2020-07-07|EPI_ISL_723049|Original|hCoV-19}\text{^\^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India}
> Spike\text{hCoV-19}\text{Canada/QC-LSPQ-L00240414/2020/2020-03-27|EPI_ISL_536270|Original|hCoV-19}\text{^\^Quebec|Human|H\u00f4pital Charles-LeMoyne|Laboratoire de sant\u00e9|Qu\u00e9bec|Moreira|Canada}
> Spike\text{hCoV-19}\text{England/MILK-C55908/2020/2020-12-11|EPI_ISL_736410|Original|hCoV-19}\text{^\^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom}
> Spike\text{hCoV-19}\text{USA/CA-CZB-1133/2020/2020-04-08|EPI_ISL_445181|Original|hCoV-19}\text{^\^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA}
> Spike\text{hCoV-19}\text{England/QEUH-A01C2F/2020/2020-10-02|EPI_ISL_595830|Original|hCoV-19}\text{^\^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom}
> Spike\text{hCoV-19}\text{England/CMAC-9D74FE/2020/2020-09-16|EPI_ISL_584377|Original|hCoV-19}\text{^\^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom}
> Spike\text{hCoV-19}\text{England/ALDP-AA51F1/2020/2020-10-22|EPI_ISL_624199|Original|hCoV-19}\text{^\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom}
> Spike\text{hCoV-19}\text{England/NORT-2AOD36/2020/2020-04-30|EPI_ISL_573366|Original|hCoV-19}\text{^\^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom}
> Spike\text{hCoV-19}\text{Wales/PHWC-4A5C05/2020/2020-12-13|EPI_ISL_764959|Original|hCoV-19}\text{^\^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom}
> Spike\text{hCoV-19}\text{Japan/IC-0393/2020/2020-12-00|EPI_ISL_736904|Original|hCoV-19}\text{^\^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan}
> Spike\text{hCoV-19}\text{England/MILK-BFCF4B/2020/2020-12-02|EPI_ISL_720908|Original|hCoV-19}\text{^\^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom}
> Spike\text{hCoV-19}\text{England/QEUH-9B78AD/2020/2020-09-08|EPI_ISL_590669|Original|hCoV-19}\text{^\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom}
> Spike\text{hCoV-19}\text{USA/WI-GMF-20969/2020/2020-09-18|EPI_ISL_660822|Original|hCoV-19}\text{^\^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA}
> Spike\text{hCoV-19}\text{Englan
> Spike|hCoV-19|USA/NY-Wadsworth-292681-01/2020|2020-12-07|EPI_ISL_767706|Original|hCoV-19|^New York|Human|MEMORIAL SLOAN KETTINGER CANCER CENTER|Wadsworth Center|Lasek-Nesselquist|USA
> Spike|hCoV-19|England/QEUH-9D1852/2020|2020-09-16|EPI_ISL_573663|Original|hCoV-19|^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
> Spike|hCoV-19|Australia/VIC7617/2020|2020-07-21|EPI_ISL_564533|Original|hCoV-19|^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19|Wales/PHHC-4A2B29/2020|2020-12-13|EPI_ISL_743982|Original|hCoV-19|^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19|Denmark/DGCC-13757/2020|2020-11-30|EPI_ISL_712285|Original|hCoV-19|^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michael Jensen|Denmark
> Spike|hCoV-19|England/ALDP-B237AD/2020|2020-11-04|EPI_ISL_647113|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|Switzerland/GR-ETHZ-110450/2020|2020-04-07|EPI_ISL_451870|Original|hCoV-19|^Graubunden|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
> Spike|hCoV-19|Scotland/EDB4956/2020|2020-05-14|EPI_ISL_473806|Original|hCoV-19|^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
> Spike|hCoV-19|Denmark/DGCC-6952/2020|2020-10-12|EPI_ISL_619798|Original|hCoV-19|^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michael Jensen|Denmark
> Spike|hCoV-19|Wales/PHHC-490E8F/2020|2020-11-18|EPI_ISL_706580|Original|hCoV-19|^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19|England/ALDP-94DD34/2020|2020-06-19|EPI_ISL_555604|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|USA/MI-MDHHS-SC21405/2020|2020-03-21|EPI_ISL_507659|Original|hCoV-19|^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
> Spike|hCoV-19|England/MILK-993E3C/2020|2020-08-22|EPI_ISL_551615|Original|hCoV-19|^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|India/DL-69794-CSIR-IGIB/2020|2020-08-14|EPI_ISL_636761|Original|hCoV-19|^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India
> Spike|hCoV-19|England/QEUH-B437F2/2020|2020-11-08|EPI_ISL_657302|Original|hCoV-19|^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|Wales/MILK-9EFAC4/2020|2020-09-23|EPI_ISL_594977|Original|hCoV-19|^Wales|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
> Spike|hCoV-19|Denmark/DGCC-4821/2020|2020-09-21|EPI_ISL_621431|Original|hCoV-19|^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michael Jensen|Denmark
> Spike|hCoV-19|Norway/2789/2020|2020-06-26|EPI_ISL_493356|Original|hCoV-19|^Norway|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Kopperud Riis|Norway
> Spike|hCoV-19|USA/CA-ALSR-4269/2020|2020-10-13|EPI_ISL_648927|Original|hCoV-19|^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
> Spike|hCoV-19|Australia/VIC4574/2020|2020-07-14|EPI_ISL_518979|Original|hCoV-19|^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/NY-PV09030/2020|2020-03-21|EPI_ISL_421601|Original|hCoV-19\^\^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spik|hCoV-19/Japan/PG-6047/2020|2020-07-00|EPI_ISL_689159|Original|hCoV-19\^\^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spik|hCoV-19/England/EXEET-135A9/2020|2020-03-26|EPI_ISL_457132|Original|hCoV-19\^\^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Tempterton|United Kingdom

>Spik|hCoV-19/Germany/NW-HHU-156/2020|2020-03-12|EPI_ISL_717977|Original|hCoV-19\^\^North Rhine-Westphalia|Human|Institute for Virology|Center of Medical Microbiology|Nienemann|Germany

>Spik|hCoV-19/England/QEUH-B8EC5/2020|2020-11-11|EPI_ISL_662171|Original|hCoV-19\^\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spik|hCoV-19/USA/HI-H200132/2020|2020-07-08|EPI_ISL_752695|Original|hCoV-19\^\^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spik|hCoV-19/England/CMAC-AAF591/2020|2020-10-22|EPI_ISL_631270|Original|hCoV-19\^\^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19/England/QEUH-C34702/2020|2020-12-11|EPI_ISL_734057|Original|hCoV-19\^\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spik|hCoV-19/Denmark/DGCC-9406/2020|2020-11-16|EPI_ISL_668955|Original|hCoV-19\^\^Midtjylland|Human|Department of Virology and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spik|hCoV-19/Netherlands/ZE-EMC-68/2020|2020-00-00|EPI_ISL_523567|Original|hCoV-19\^\^Zeeland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spik|hCoV-19/England/ALDP-9C5B76/2020|2020-09-10|EPI_ISL_567536|Original|hCoV-19\^\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19/USA/UT-UPHL-04236_2/2020|2020-05-15|EPI_ISL_591285|Original|hCoV-19\^\^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spik|hCoV-19/England/ALDP-B23B1A/2020|2020-11-04|EPI_ISL_646910|Original|hCoV-19\^\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spik|hCoV-19/England/CAMC-1AA7C6/2020|2020-04-17|EPI_ISL_470209|Original|hCoV-19\^\^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spik|hCoV-19/England/QEUH-99948F/2020|2020-08-23|EPI_ISL_559762|Original|hCoV-19\^\^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spik|hCoV-19/Australia/VIC4426/2020|2020-07-16|EPI_ISL_519722|Original|hCoV-19\^\^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spik|hCoV-19/India/LA-NCDC-01614/2020|2020-03-17|EPI_ISL_435104|Original|hCoV-19\^\^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spik|hCoV-19/Wales/PHWC-2B8DA/2020|2020-04-09|EPI_ISL_445777|Original|hCoV-19\^\^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/Scotland/GCVR-173D2E/2020|2020-04-06|EPI_ISL_459103|Original|hCoV-19|Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research / Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spilke|hCoV-19/Japan/PG-5131/2020|2020-08-00|EPI_ISL_690238|Original|hCoV-19|Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spilke|hCoV-19/Denmark/DGCC-14767/2020|2020-11-23|EPI_ISL_711964|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab | Michaelsen| Denmark

>Spilke|hCoV-19/Switzerland/SH-ETHZ-370463/2020|2020-11-16|EPI_ISL_693962|Original|hCoV-19|Schaffhausen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spilke|hCoV-19/USA/CA-QDX-2703/2020|2020-03-16|EPI_ISL_605004|Original|hCoV-19|California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spilke|hCoV-19/Northern Ireland/NIREF-CFC30/2020|2020-04-22|EPI_ISL_459406|Original|hCoV-19|Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spilke|hCoV-19/Belgium/rega-0801784/2020|2020-08-01|EPI_ISL_734853|Original|hCoV-19|Balen|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spilke|hCoV-19/USA/TX-DHS-1629/2020|2020-10-22|EPI_ISL_700726|Original|hCoV-19|Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spilke|hCoV-19/England/QEUH-AE4C9B/2020|2020-10-27|EPI_ISL_633272|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spilke|hCoV-19/USA/VA-DCLS-2052/2020|2020-10-23|EPI_ISL_677223|Original|hCoV-19|Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA

>Spilke|hCoV-19/England/CAMB-7731A/2020|2020-03-30|EPI_ISL_439384|Original|hCoV-19|England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spilke|hCoV-19/Australia/VIC11193/2020|2020-07-24|EPI_ISL_563291|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spilke|hCoV-19/Chile/RM-131430/2020|2020-07-23|EPI_ISL_746626|Original|hCoV-19|Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spilke|hCoV-19/Australia/VIC10218/2020|2020-08-26|EPI_ISL_562827|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spilke|hCoV-19/England/MILK-A1838A/2020|2020-10-01|EPI_ISL_595027|Original|hCoV-19|England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spilke|hCoV-19/Australia/VIC2807/2020|2020-07-01|EPI_ISL_521638|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spilke|hCoV-19/England/QEUH-B7D4F8/2020|2020-11-14|EPI_ISL_741868|Original|hCoV-19|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spilke|hCoV-19/England/MILK-A47FCA/2020|2020-10-06|EPI_ISL_598348|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spilke|hCoV-19/England/MILK-9947B8/2020|2020-08-25|EPI_ISL_552246|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-A86CF5/2020|2020-10-16|EPI_ISL_606236|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-124AF8/2020|2020-03-26|EPI_ISL_443854|Original|hCoV-19
^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/BRIS-12E2AB/2020|2020-04-20|EPI ISL 481978|Original|hCoV-19
^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Saudi Arabia/KFSHRC50/2020|2020-03-29|EPI_ISL_507038|unknown|hCoV-19
^Saudi Arabia|Human|Unknown Infectious Diseases Research|Submitter|Saudi Arabia

>Spike|hCoV-19/USA/WI-UW-391/2020|2020-05-26|EPI_ISL_480373|Original|hCoV-19
^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/QEUH-B9EDD8/2020|2020-11-18|EPI ISL 719979|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1590/2020|2020-06-22|EPI ISL 700719|Original|hCoV-19
^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Luxembourg/LNS8492581/2020|2020-11-14|EPI ISL 744748|Original|hCoV-19
^Luxembourg|Human|Laboratoire national de santé|Laboratoire national de santé\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Netherlands/ZH-EMC-1227/2020|2020-12-22|EPI ISL 763296|Original|hCoV-19
^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/LOND-12501EB/2020|2020-10-16|EPI ISL 665201|Original|hCoV-19
^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) consortium|Byott|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10234/2020|2020-06-18|EPI ISL 498140|Original|hCoV-19
^Li\u00e8|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/OR-OHSU-3680/2020|2020-10-16|EPI ISL 667508|Original|hCoV-19
^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O’Roak|USA

>Spike|hCoV-19/Czech Republic/NRL_9883/2020|2020-10-11|EPI ISL 626614|Original|hCoV-19
^\u00e9|Human|The National Institute of Public Health|State Veterinary Institute Prague|Nagy|Czech Republic

>Spike|hCoV-19/USA/CA-UCLA-255/2020|2020-06-22|EPI ISL 537556|Original|hCoV-19
^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/USA/TX-HMH-3318/2020|2020-06-13|EPI ISL 544128|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/ALDP-C3B343/2020|2020-12-08|EPI ISL 767167|Original|hCoV-19
^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-BTHZ-240004/2020|2020-08-07|EPI ISL 523859|Original|hCoV-19
^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Portugal/PT1503/2020|2020-03-16|EPI ISL 511462|Original|hCoV-19
^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/AZ-TG379817/2020|2020-06-16|EPI ISL 694640|Original|hCoV-19
^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Scotland/QEUH-9E907/2020|2020-09-20|EPI ISL 585502|Original|hCoV-19
^Scotland|Human|University College London|COVID-19 Genomics UK (COG-UK) consortium|Roy|United Kingdom
>Spike|hCoV-19/Croatia/8U-S17new/2020|2020-03-31|EPI_ISL_454605|Original|hCoV-19

| ^|\^|\^|Istria|Human|Institute for Public Health|Laboratory for advanced genomics|Vugrek|Croatia

>Sp**ike|**hCoV-19/England/BRIS-12ADCC/2020|2020-05-02|EPI_ISL_458333|Original|hCoV-19

| ^|\^|\^|England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Sp**ike|**hCoV-19/Wuhan/0125-A170/2020|2020-01-25|EPI_ISL_493161|Original|hCoV-19

| ^|\^|\^|Hubei|Human|National Virus Resource Center|Computational Virology Group|Liu|China

>Sp**ike|**hCoV-19/England/ALDP-952701/2020|2020-06-09|EPI_ISL_553921|Original|hCoV-19

| ^|\^|\^|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Sp**ike|**hCoV-19/Denmark/DGCC-8060/2020|2020-10-26|EPI_ISL_617175|Original|hCoV-19

| ^|\^|\^|Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelesen|Denmark

>Sp**ike|**hCoV-19/USA/CA-CZB-11860/2020|2020-10-04|EPI_ISL_625617|Original|hCoV-19

| ^|\^|\^|California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Sp**ike|**hCoV-19/Denmark/DGCC-14344/2020|2020-11-30|EPI_ISL_711707|Original|hCoV-19

| ^|\^|\^|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelesen|Denmark

>Sp**ike|**hCoV-19/France/PAC-MEPHI-2083/2020|2020-08-30|EPI_ISL_644491|Original|hCoV-19

| ^|\^|\^|Provence-Alpes-Côtes-du-Rhône|Human|MENP|MEPHI|LeVasseur|France

>Sp**ike|**hCoV-19/USA/2020-0898/2020|2020-06-16|EPI_ISL_610034|Original|hCoV-19

| ^|\^|\^|Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Sp**ike|**hCoV-19/Australia/VIC9238/2020|2020-08-17|EPI_ISL_565458|Original|hCoV-19

| ^|\^|\^|Victoria|Human|Microbiological Diagnostic Unit | Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Sp**ike|**hCoV-19/Denmark/DGCC-14024/2020|2020-11-30|EPI_ISL_711202|Original|hCoV-19

| ^|\^|\^|Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelesen|Denmark

>Sp**ike|**hCoV-19/England/NORW-F9A66/2020|2020-12-11|EPI_ISL_725420|Original|hCoV-19

| ^|\^|\^|England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Sp**ike|**hCoV-19/USA/PA-MGEL-00413/2020|2020-06-25|EPI_ISL_682014|Original|hCoV-19

| ^|\^|\^|Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genomic Epidemiology Laboratory|Griffith|USA

>Sp**ike|**hCoV-19/USA/AZ-TG517519/2020|2020-06-29|EPI_ISL_695344|Original|hCoV-19

| ^|\^|\^|Arizona|Human|AZ SPHL|TGen North|French|USA

>Sp**ike|**hCoV-19/Denmark/DGCC-3415/2020|2020-08-31|EPI_ISL_616174|Original|hCoV-19

| ^|\^|\^|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelesen|Denmark

>Sp**ike|**hCoV-19/Northern Ireland/NIRE-103084/2020|2020-04-20|EPI_ISL_489203|Original|hCoV-19

| ^|\^|\^|Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Sp**ike|**hCoV-19/Australia/VIC11626/2020|2020-08-16|EPI_ISL_641264|Original|hCoV-19

| ^|\^|\^|Victoria|Human|Microbiological Diagnostic Unit | Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Sp**ike|**hCoV-19/mink/Netherlands/NB-EMC-50-19/2020|2020-09-11|EPI_ISL_577817|Original|hCoV-19

| ^|\^|\^|Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Sp**ike|**hCoV-19/dog/Hong Kong/20-02756/2020|2020-02-26|EPI_ISL_414518|Original|hCoV-19

| ^|\^|\^|Hong Kong|Canis lupus familiaris|Tai Lung Veterinary Laboratory|School of Public Health|Chu|China

>Sp**ike|**hCoV-19/USA/CA-ALSR-1432/2020|2020-03-27|EPI_ISL_494598|Original|hCoV-19

| ^|\^|\^|California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Sp**ike|**hCoV-19/Australia/NSW354/2020|2020-04-17|EPI_ISL_451615|Original|hCoV-19

| ^|\^|\^|New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology| -
>Spike|hCoV-19/England/CAMC-BC1CC0/2020|2020-11-22|EPI_ISL_702500|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/England/2012003506/2020|2020-03-18|EPI_ISL_423926|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spikes|hCoV-19/USA/FL-BPHL-0659/2020|2020-03-14|EPI_ISL_509717|Original|hCoV-19^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spikes|hCoV-19/Nordjylland/2020|2020-03-20|EPI_ISL_601772|Original|hCoV-19^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spikes|hCoV-19/Wales/PHWC-16DBC3/2020|2020-09-26|EPI_ISL_577503|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spikes|hCoV-19/Hong Kong/HKPU-0248/2020|2020-03-20|EPI_ISL_610172|Original|hCoV-19^Hong Kong|Human|Department of Health Technology and Informatics|Department of Health Technology and Informatics|Leung|China
>Spikes|hCoV-19/England/ALDP-519F02/2020|2020-06-02|EPI_ISL_558915|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/Spain/MD-IVB-99008583/2020|2020-09-21|EPI_ISL_654123|Original|hCoV-19^Madrid|Human|Hospital General Universitario Gregorio Marañon|u00f1|u00f1|u00f3n|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>Spikes|hCoV-19/USA/OR-OHSU-1481/2020|2020-07-17|EPI_ISL_509212|Original|hCoV-19^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA
>Spikes|hCoV-19/England/ALDP-519F02/2020|2020-06-02|EPI_ISL_558915|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/New Zealand/20VR3171/2020|2020-03-25|EPI_ISL_579461|Original|hCoV-19^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
>Spikes|hCoV-19/USA/FL-AJ5H/2020|2020-07-04|EPI_ISL_513290|Original|hCoV-19^Florida|Human|University of Miami Immunology and Histocompatibility Laboratory|University of Miami Immunology and Histocompatibility Laboratory|Margolles-Clark|USA
>Spikes|hCoV-19/Denmark/ALAB-SSI-775/2020|2020-03-19|EPI_ISL_444900|Original|hCoV-19^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark
>Spikes|hCoV-19/Netherlands/NA_445/2020|2020-04-12|EPI_ISL_455247|Original|hCoV-19^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spikes|hCoV-19/England/NORT-2986BE/2020|2020-04-22|EPI_ISL_488019|Original|hCoV-19^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/Germany/NW-HHU-413/2020|2020-11-11|EPI_ISL_718087|Original|hCoV-19^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f6r Fachmedizin|Center of Medical Microbiology|Wienemann|Germany
>Spikes|hCoV-19/England/QUEUH-9FA89F/2020|2020-09-28|EPI_ISL_588173|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/Scotland/QUEUH-C01D39/2020|2020-12-05|EPI_ISL_757244|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/Nordjylland/2020|2020-03-20|EPI_ISL_601772|Original|hCoV-19^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
> Spike|hCoV-19/Australia/VIC5703/2020|2020-07-09|EPI_ISL_518507|Original|hCoV-19^>Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19/England/ALDP-C39C4A/2020|2020-12-09|EPI_ISL_731183|Original|hCoV-19^>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/England/20131103404/2020|2020-03-22|EPI ISL 423694|Original|hCoV-19^>England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
> Spike|hCoV-19/England/ALDP-94D129/2020|2020-06-16|EPI_ISL_555927|Original|hCoV-19^>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/England/BIRM-6293E/2020|2020-08-23|EPI_ISL_529630|Original|hCoV-19^>England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom
> Spike|hCoV-19/Scotland/QEUH-A4B825/2020|2020-10-08|EPI_ISL_628483|Original|hCoV-19^>Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
> Spike|hCoV-19/England/SHEF-C6DD2/2020|2020-09-07|EPI_ISL_559914|Original|hCoV-19^>England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
> Spike|hCoV-19/Wales/PHWC-2AEF7/2020|2020-04-08|EPI_ISL_432439|Original|hCoV-19^>Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
> Spike|hCoV-19/England/204400782/2020|2020-10-26|EPI_ISL_653935|Original|hCoV-19^>England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
> Spike|hCoV-19/USA/WA-UW-19395/2020|2020-08-01|EPI_ISL_570810|Original|hCoV-19^>Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
> Spike|hCoV-19/New Zealand/20VR2540/2020|2020-00-00|EPI_ISL_579284|Original|hCoV-19^>Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
> Spike|hCoV-19/Scotland/QEUH-9C8BBF/2020|2020-09-14|EPI_ISL_576007|Original|hCoV-19^>Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Spain/AN-IBV-001083/2020|2020-03-26|EPI_ISL_452603|Original|hCoV-19^>Andalucia|Human|Servicio de Microbiolog\u00eda y Parasitolog\u00eda cl\u00eda|UCEIMP. Hospital Universitario Virgen del Roc\u00eda|SeqCOVID-SPAIN consortium|IBV|CSIC|Comas|Spain
> Spike|hCoV-19/USA/TX-HMH-MCoV-8744/2020|2020-07-01|EPI_ISL_780731|Original|hCoV-19^>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19/England/ALDP-B6272A/2020|2020-11-08|EPI_ISL_656424|Original|hCoV-19^>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/England/MILK-A7A7F3/2020|2020-10-15|EPI_ISL_606595|Original|hCoV-19^>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Austria/CeMM0009/2020|2020-03-14|EPI_ISL_419662|Original|hCoV-19^>Austria|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria
> Spike|hCoV-19/Austria/CeMM0481/2020|2020-03-27|EPI_ISL_475884|Original|hCoV-19^>Austria|Human|Austriand Agency for Health and Food Safety (AGES)|Bergthaler laboratory|Bergthaler|Austria
> Spike|hCoV-19/mink/Netherlands/NB-EMC-19-12/2020|2020-07-05|EPI_ISL_523048|Original|hCoV-19^>Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/USA/MN-MDH-104/2020|2020-05-11|EPI_ISL_462889|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spikie|hCoV-19/Australia/VIC2328/2020|2020-06-23|EPI_ISL_522049|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spikie|hCoV-19/USA/CA-CZB-1722/2020|2020-04-03|EPI_ISL_468648|Original|hCoV-19^^California|Human|Contra Costa Public Health Lab|Chan-Zuckerberg Biohub|McGeever|USA

>Spikie|hCoV-19/England/ALDP-95C35/2020|2020-06-17|EPI_ISL_554875|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikie|hCoV-19/USA/CA-CZB-14058/2020|2020-06-27|EPI_ISL_738616|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spikie|hCoV-19/England/QEUH-A029FA/2020|2020-09-29|EPI_ISL_584944|Original|hCoV-19^^England|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spikie|hCoV-19/Scotland/QEUH-530CC2/2020|2020-05-18|EPI_ISL_532258|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikie|hCoV-19/Wales/PHWC-26BE5/2020|2020-04-08|EPI_ISL_432332|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spikie|hCoV-19/England/ALDP-9C5860/2020|2020-09-11|EPI_ISL_567881|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spikie|hCoV-19/Japan/PG-4359/2020|2020-07-00|EPI_ISL_692587|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spikie|hCoV-19/Denmark/DGCC-16115/2020|2020-11-16|EPI_ISL_714590|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spikie|hCoV-19/Canada/QC-LSPQ-L00243994/2020|2020-03-31|EPI_ISL_536386|Original|hCoV-19^^Quebec|Human|Hôpital de Hull|Laboratoire de santé publique du Québec|Moreira|Canada

>Spikie|hCoV-19/USA/CA-QDX-445/2020|2020-03-21|EPI_ISL_571167|Original|hCoV-19^^California|Human|Quarantine Diagnostics|Quarantine Diagnostics|Kagan|USA

>Spikie|hCoV-19/Wales/PHWC-16BCA4/2020|2020-09-16|EPI_ISL_573961|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spikie|hCoV-19/Denmark/DGCC-15905/2020|2020-11-23|EPI_ISL_714095|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Mikaelsen|Denmark

>Spikie|hCoV-19/USA/NE-10969/2020|2020-05-04|EPI_ISL_466658|Original|hCoV-19^^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA

>Spikie|hCoV-19/Scotland/QEUH-C01B20/2020|2020-12-05|EPI_ISL_757265|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spikie|hCoV-19/England/LIVE-AA3B4/2020|2020-03-23|EPI_ISL_517445|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spikie|hCoV-19/USA/UT-UPHL-2009021/2020|2020-05-14|EPI_ISL_525327|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spikie|hCoV-19/Poland/27383/2020|2020-11-00|EPI_ISL_732918|Original|hCoV-19^^Poland|Human|genXone SA|genXone SA|Kaszuba|Poland

>Spikie|hCoV-19/Australia/VIC9037/2020|2020-07-31|EPI_ISL_656356|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19|Australiavics301/2020|2020-07-08|EPI_ISL_520980|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia
Spike|hCoV-19|USA/LA-EVT1407/2020|2020-06-08|EPI_ISL_578813|Original|hCoV-19^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Ramil|USA
Spike|hCoV-19|England/OEUEH-AACA59/2020|2020-10-21|EPI_ISL_651417|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
Spike|hCoV-19|England/CA|MC-9110ED/2020|2020-08-26|EPI_ISL_551917|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Wales/PHWC-49594D/2020|2020-11-24|EPI_ISL_726417|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|Saudi Arabia/KAUST-MADINAH398/2020|2020-04-24|EPI_ISL_513151|Original|hCoV-19^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST) |Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia
Spike|hCoV-19|Wales/CA|MC-B20BD1/2020|2020-11-01|EPI_ISL_711038|Original|hCoV-19^Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/ALDP-9E659F/2020|2020-09-24|EPI_ISL_580290|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|England/ALDP-BB6E7B/2020|2020-11-20|EPI_ISL_703025|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|Germany/HH-hpi-p2363/2020|2020-03-15|EPI_ISL_775716|Original|hCoV-19^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany
Spike|hCoV-19|India/MH-ACTREC-669/2020|2020-09-16|EPI_ISL_700295|Original|hCoV-19^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
Spike|hCoV-19|USA/TX-HMH-MCoV-9485/2020|2020-07-03|EPI_ISL_781149|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
Spike|hCoV-19|England/ALDP-A6DA45/2020|2020-10-14|EPI_ISL_607809|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA/WI-WSLH-200221/2020|2020-04-10|EPI_ISL_578441|Original|hCoV-19^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA
Spike|hCoV-19|Wales/PHWC-480DD0/2020|2020-09-26|EPI_ISL_613003|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19|Scotland/CVR5571/2020|2020-10-27|EPI_ISL_651845|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
Spike|hCoV-19|Denmark/DGGC-19694/2020|2020-12-07|EPI_ISL_749116|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
Spike|hCoV-19|Australia/VIC6834/2020|2020-07-24|EPI_ISL_564086|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
Spike|hCoV-19|Australia/VIC15830/2020|2020-08-08|EPI_ISL_593469|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/BRIS-122720/2020|2020-04-05|EPI_ISL_440682|Original|hCoV-19
>^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Shi|hCoV-19/USA/CA-ALSR-2197/2020|2020-06-09|EPI_ISL_635384|Original|hCoV-19
>^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Shi|hCoV-19/Northern Ireland/QEUH-96410E/2020|2020-08-12|EPI_ISL_536931|Original|hCoV-19
>^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom
>Shi|hCoV-19/Denmark/DCGC-13326/2020|2020-11-30|EPI_ISL_712730|Original|hCoV-19
>^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Shi|hCoV-19/Nepal/2097/2020|2020-07-30|EPI_ISL_754068|Original|hCoV-19
>^Kathmandu|Human|Nepal Korea Friendship Municipality Hospital|Nepal Health Research Council|Bhattarai|Nepal
>Shi|hCoV-19/Luxembourg/LNS9233565/2020|2020-11-13|EPI_ISL_744873|Original|hCoV-19
>^Luxembourg|Human|Laboratoire national de sant\'eacute;|Laboratoire national de santé\u00e9|Wienecke-Baldacchino|Luxembourg
>Shi|hCoV-19/Wales/PHWC-47DE6A/2020|2020-09-20|EPI_ISL_595371|Original|hCoV-19
>^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Shi|hCoV-19/Luxembourg/LNS2772835/2020|2020-10-25|EPI_ISL_740188|Original|hCoV-19
>^Luxembourg|Human|Laboratoire national de santé\u00e9|Laboratoire national de santé\u00e9|Wienecke-Baldacchino|Luxembourg
>Shi|hCoV-19/Wales/PHWC-4986DA/2020|2020-11-23|EPI_ISL_727113|Original|hCoV-19
>^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Shi|hCoV-19/Scotland/QEUH-9DDD16A/2020|2020-09-22|EPI_ISL_599647|Original|hCoV-19
>^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom
>Shi|hCoV-19/Scotland/EDB9434/2020|2020-10-31|EPI_ISL_680527|Original|hCoV-19
>^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
>Shi|hCoV-19/Spain/CT-IBV-99009901/2020|2020-08-08|EPI_ISL_660298|Original|hCoV-19
>^Catalunya|Human|Servicio de Microbiologia\u00eda|SegCOVID-SPAIN consortium|Moore|Spain
>Shi|hCoV-19/Canada/QC_AU8/2020|2020-04-04|EPI_ISL_463947|Original|hCoV-19
>^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada
>Shi|hCoV-19/USA/TX-HMH-MCoV-15219/2020|2020-10-20|EPI_ISL_786703|Original|hCoV-19
>^Texas|Human|Houston Methodist Hospital|Texas Methodist Hospital|Long|USA
>Shi|hCoV-19/Australia/VIC5952/2020|2020-07-22|EPI_ISL_518728|Original|hCoV-19
>^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Shi|hCoV-19/India/TG-CCMB-J207/2020|2020-04-01|EPI_ISL_447570|Original|hCoV-19
>^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India
>Shi|hCoV-19/USA/WI-OW-2357/2020|2020-11-15|EPI_ISL_728123|Original|hCoV-19
>^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Shi|hCoV-19/England/QEUH-B67AE0/2020|2020-11-11|EPI_ISL_661377|Original|hCoV-19
>^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Shi|hCoV-19/England/QEUH-C32142/2020|2020-12-11|EPI_ISL_782712|Original|hCoV-19
>^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Shi|hCoV-19/Portugal/PT1497/2020|2020-03-31|EPI_ISL_511456|Original|hCoV-19
>^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal
>Spike|hCoV-19/England/CAMB-7D10B/2020|2020-04-06|EPI_ISL_442338|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Sp|hCoV-19/England/CAMB-7B5D4/2020|2020-04-04|EPI_ISL_441188|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Sp|hCoV-19/USA/MI-UM-10036777156/2020|2020-11-04|EPI_ISL_707830|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>Sp|hCoV-19/England/MILK-9AB39C/2020|2020-08-31|EPI_ISL_551113|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp|hCoV-19/England/CAMB-75C02/2020|2020-03-28|EPI_ISL_438438|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Sp|hCoV-19/England/QEUH-9F80B7/2020|2020-09-27|EPI_ISL_595727|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp|hCoV-19/England/Lighthouse Lab in Milton Keynes/2020|2020-08-12|EPI_ISL_551113|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp|EPI_ISL_4911336|Original|hCoV-19^^England|Human|Lighthouse Lab in London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp|hCoV-19/USA/AR-CDC-4170/2020|2020-07-07|EPI_ISL_509665|Original|hCoV-19^^Arkansas|Human|AR Dept. of Health/Public Health Lab|Pathogen Discovery|Queen|USA
>Sp|hCoV-19/USA/MI-MDHHS-SC20788/2020|2020-04-24|EPI_ISL_471809|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Sp|hCoV-19/Canada/ON-587/2020|2020-03-19|EPI_ISL_586466|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
>Sp|hCoV-19/Sichuan/SC-YB-086/2020|2020-02-04|EPI_ISL_451399|Original|hCoV-19^^Sichuan|Human|West China Hospital of Sichuan University|State Key Laboratory of Biotherapy of Sichuan University|Tang|China
>Sp|hCoV-19/Brazil/SP-667/2020|2020-06-13|EPI_ISL_693230|Original|hCoV-19^^S\'u00e3o Paulo|Human|Hospital e Pronto Socorro Portinari|Instituto Adolfo Lutz|Sacchi|Brazil
>Sp|hCoV-19/Denmark/DGC-1251/2020|2020-06-01|EPI_ISL_618022|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Amato|United Kingdom
>Sp|hCoV-19/Ireland/D-NVRL-AIIDV1268v1/2020|2020-10-30|EPI_ISL_768786|Original|hCoV-19^^Dublin|Human|AIID|Irish Coronavirus Sequencing Consortium |National Virus Reference Laboratory|Gonzalez|Ireland
>Sp|hCoV-19/England/CAMB-55783/2020|2020-12-02|EPI_ISL_591212|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp|hCoV-19/England/QEUH-C1498A/2020|2020-12-06|EPI_ISL_709358|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp|hCoV-19/England/CAMB-83CB6/2020|2020-04-15|EPI_ISL_443339|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Sp|hCoV-19/USA/NM-DOH-2020318940/2020|2020-08-27|EPI_ISL_732744|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA
>Sp|hCoV-19/England/CAMB-77848/2020|2020-03-31|EPI_ISL_439439|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Sp|hCoV-19/Scotland/CVR2469/2020|2020-04-15|EPI_ISL_477949|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) consortium|Robertson|United Kingdom
>Sp|hCoV-19/USA/CT-Yale-060/2020|2020-04-01|EPI_ISL_428391|Original|hCoV-19^^Connecticut|Human|Yale COVID-19 Biorepository|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA
> Spike|hCoV-19/Australia/VIC6393/2020|2020-07-23|EPI_ISL_521185|Original|hCoV-19|\^\^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19/Spain/MD-IBV-99012324/2020|2020-11-20|EPI_ISL_779979|Original|hCoV-19|\^\^Madrid|Human|Hospital General Universitario Gregorio Mar\^\^d|\u00e1|\u00ed|\u00eda|\u00fa|\u00ed|\u00f1|\u00f3n|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
> Spike|hCoV-19/England/CAMB-7B0F1/2020|2020-04-10|EPI_ISL_433918|Original|hCoV-19|\^\^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
> Spike|hCoV-19/England/CAMB-1BCECC/2020|2020-12-03|EPI_ISL_723906|Original|hCoV-19|\^\^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
> Spike|hCoV-19/Spain/IB-IBV-99010764/2020|2020-06-16|EPI_ISL_691664|Original|hCoV-19|\^\^Balear Islands|Human|Servicio de Microbiologia\u00eda|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
> Spike|hCoV-19/England/QEUH-C4B832/2020|2020-12-12|EPI_ISL_769787|Original|hCoV-19|\^\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/Wales/PHWC-49EE90/2020|2020-12-05|EPI_ISL_743136|Original|hCoV-19|\^\^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19/England/QEUH-AE25FC/2020|2020-10-27|EPI_ISL_633692|Original|hCoV-19|\^\^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/205191404/2020|2020-12-20|EPI_ISL_766504|Original|hCoV-19|\^\^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
> Spike|hCoV-19/Scotland/CVR2464/2020|2020-04-15|EPI_ISL_493802|Original|hCoV-19|\^\^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
> Spike|hCoV-19/India/MH-ACTREC-297/2020|2020-07-14|EPI_ISL_699949|Original|hCoV-19|\^\^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
> Spike|hCoV-19/Japan/PG-8489/2020|2020-06-00|EPI_ISL_687588|Original|hCoV-19|\^\^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
> Spike|hCoV-19/England/ALDP-8FD809/2020|2020-06-24|EPI_ISL_551550|Original|hCoV-19|\^\^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Iceland/259/2020|2020-03-17|EPI_ISL_417587|Original|hCoV-19|\^\^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f8nsson|Iceland
> Spike|hCoV-19/England/MILK-B9704F/2020|2020-11-13|EPI_ISL_674967|Original|hCoV-19|\^\^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/England/SHEF-C1F59/2020|2020-04-19|EPI_ISL_462004|Original|hCoV-19|\^\^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
> Spike|hCoV-19/Spain/RI-IBV-99005849/2020|2020-03-27|EPI_ISL_537392|Original|hCoV-19|\^\^La Rioja|Human|Centro de Investigaci\^\^n|\u00f3n|Biom\u00eda|Hospital San Pedro Logro\^\^n|\u00f3n|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
> Spike|hCoV-19/England/CAMB-79DA1/2020|2020-04-02|EPI_ISL_440577|Original|hCoV-19|\^\^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
> Spike|hCoV-19/Denmark/DGCC-21220/2020|2020-12-21|EPI_ISL_759617|Original|hCoV-19|\^\^Hovedstadens|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michael|Denmark
> Spike|hCoV-19/Scotland/QEUH-95FEOF/2020|2020-08-05|EPI_ISL_531865|Original|hCoV-19|\^\^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC13498/2020|2020-09-04|EPI_ISL_591813|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|Schultz|Australia
>Spikes|hCoV-19/England/LEED-2A827B/2020|2020-04-02|EPI_ISL_538997|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/England/ALDP-C3CF8A/2020|2020-12-10|EPI_ISL_730930|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/USA/MI-UM-2006S00116/2020|2020-04-20|EPI_ISL_495587|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>Spikes|hCoV-19/England/20172061404/2020|2020-04-20|EPI_ISL_465374|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spikes|hCoV-19/England/SHEF-10B3090/2020|2020-06-02|EPI_ISL_537243|Original|hCoV-19^^England|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/Scotland/CVR3076/2020|2020-04-24|EPI_ISL_461660|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spikes|hCoV-19/England/QEUH-B2DB5C/2020|2020-11-03|EPI_ISL_647067|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/England/LIVE-DB6145/2020|2020-11-07|EPI_ISL_650337|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spikes|hCoV-19/England/NOTT-10EA6D/2020|2020-03-29|EPI_ISL_425631|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spikes|hCoV-19/England/QEUH-CC9BD/2020|2020-12-24|EPI_ISL_782280|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spikes|hCoV-19/India/TG-CCMB-AA789/2020|2020-08-13|EPI_ISL_539699|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India
>Spikes|hCoV-19/Australia/QLD1185/2020|2020-03-27|EPI_ISL_639776|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia
>Spikes|hCoV-19/England/CAMB-845BA/2020|2020-04-16|EPI_ISL_443616|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spikes|hCoV-19/Switzerland/SO-ETHZ-400050/2020|2020-12-04|EPI_ISL_729108|Original|hCoV-19^^Solothurn|Human|Viollier AG Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spikes|hCoV-19/Australia/VIC885/2020|2020-04-06|EPI_ISL_427138|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spikes|hCoV-19/USA/TX-HMH-MCO-18023/2020|2020-11-16|EPI_ISL_786171|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spikes|hCoV-19/Spain/VC-IBV-9803608/2020|2020-03-16|EPI_ISL_538625|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia|u00eda Hospital General Universitario de Castell\u00f3n|SegCOVID-SPAIN consortium|IBV|Comas|Spain
>Spikes|hCoV-19/Netherlands/ZH-EMC-768/2020|2020-10-10|EPI_ISL_632604|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands
>Spikes|hCoV-19/Denmark/DGC-18467/2020|2020-12-07|EPI_ISL_749332|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaellsen|Denmark
>Spike|hCoV-19|England|BRIS-1238D1|2020|2020-04-06|EPI_ISL_442751|Original|hCoV-19
^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spke|hCoV-19|England|MILK-ACE954|2020|2020-10-22|EPI_ISL_629279|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spke|hCoV-19|Wales/PHWC-16A470|2020|2020-09-06|EPI_ISL_535254|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spke|hCoV-19|France/OCC-SC503|2020|2020-04-21|EPI_ISL_644694|Original|hCoV-19
^Occitanie|Human|CHU Montpellier|CNR Virus des Infections Respiratoires - France

>Spke|hCoV-19|India/TG-CCMB-L1975|2020|2020-06-04|EPI_ISL_495179|Original|hCoV-19
^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spke|hCoV-19|England/MILK-C6165A|2020|2020-12-12|EPI_ISL_735769|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spke|hCoV-19|England/NORW-EED6B|2020|2020-11-30|EPI_ISL_706357|Original|hCoV-19
^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) consortium|Alikhani|United Kingdom

>Spke|hCoV-19|Denmark/DGCC-1792|2020|2020-07-20|EPI_ISL_618213|Original|hCoV-19
^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsens lab|Michaelesen|Denmark

>Spke|hCoV-19|USA/WI-GMF-09664|2020|2020-07-07|EPI_ISL_489951|Original|hCoV-19
^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spke|hCoV-19|England/ALDP-B92651|2020|2020-11-06|EPI_ISL_675643|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spke|hCoV-19|Belgium/ULG-6457|2020|2020-03-13|EPI_ISL_417015|Original|hCoV-19
^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spke|hCoV-19|England/BIRM-67474|2020|2020-10-24|EPI_ISL_650271|Original|hCoV-19
^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) consortium|Loman|United Kingdom

>Spke|hCoV-19|USA/LA-GBCL-26513047|2020|2020-04-21|EPI_ISL_485088|Original|hCoV-19
^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spke|hCoV-19|United Arab Emirates/0297|2020|2020-05-17|EPI_ISL_698476|Original|hCoV-19
^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spke|hCoV-19|Japan/PG-8912|2020|2020-09-09|EPI_ISL_686458|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spke|hCoV-19|England/MILK-9A8FC8|2020|2020-09-01|EPI_ISL_550994|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spke|hCoV-19|USA/LA-EVTLO87|2020|2020-05-07|EPI_ISL_451248|Original|hCoV-19
^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spke|hCoV-19|England/NOTT-11CDDC|2020|2020-11-19|EPI_ISL_665452|Original|hCoV-19
^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) consortium|Loose|United Kingdom

>Spke|hCoV-19|Denmark/DGCC-18600|2020|2020-12-07|EPI_ISL_749274|Original|hCoV-19
^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albersens Lab|Michaelesen|Denmark

>Spke|hCoV-19|England/CAMB-71BE7|2020|2020-03-29|EPI_ISL_439555|Original|hCoV-19
^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-2671/2020|2020-06-04|EPI_ISL_545465|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
 Spike|hCoV-19/Bangladesh/BCSIR-NLMRC-260/2020|2020-07-07|EPI_ISL_498254|Original|hCoV-19^^Khuina|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh
 Spike|hCoV-19/USA/NM-UNM-00840/2020|2020-05-05|EPI_ISL_610273|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory Division|Center for Global Health|Domman|USA
 Spike|hCoV-19/England/MILK-A1D33A/2020|2020-10-03|EPI_ISL_595051|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
 Spike|hCoV-19/Norway/3131/2020|2020-08-07|EPI_ISL_549153|Original|hCoV-19^^Viken|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Kopperud Riis|Norway
 Spike|hCoV-19/Japan/PG-3591/2020|2020-07-00|EPI_ISL_691845|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan
 Spike|hCoV-19/Denmark/DCGC-17170/2020|2020-12-14|EPI_ISL_750800|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
 Spike|hCoV-19/USA/WA-S2632/2020|2020-06-20|EPI_ISL_497264|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
 Spike|hCoV-19/USA/MN-MDH-1364/2020|2020-04-23|EPI_ISL_515262|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA
 Spike|hCoV-19/Denmark/DCGC-8215/2020|2020-10-26|EPI_ISL_617261|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
 Spike|hCoV-19/England/MILK-9F129A/2020|2020-09-25|EPI_ISL_589625|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute|for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
 Spike|hCoV-19/USA/MI-MDHHS-SC22598/2020|2020-11-10|EPI_ISL_737171|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
 Spike|hCoV-19/USA/MI-MDHHS-SC21800/2020|2020-07-06|EPI_ISL_565843|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
 Spike|hCoV-19/USA/WA-10464/2020|2020-06-06|EPI_ISL_570315|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
 Spike|hCoV-19/Denmark/DCGC-1428/2020|2020-03-23|EPI_ISL_622442|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
 Spike|hCoV-19/Wales/PHWC-16F156/2020|2020-10-01|EPI_ISL_585919|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
 Spike|hCoV-19/Denmark/DCGC-8061/2020|2020-10-26|EPI_ISL_617181|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
 Spike|hCoV-19/England/SHEF-10D23D/2020|2020-12-11|EPI_ISL_763634|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
 Spike|hCoV-19/Wales/PHWC-496162/2020|2020-11-21|EPI_ISL_726539|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
 Spike|hCoV-19/England/210100369/2021|2021-01-00|EPI_ISL_791196|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
 Spike|hCoV-19/Denmark/DCGC-17704/2020|2020-12-14|EPI_ISL_751156|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19|England|SHEF-D1A46/2020|2020-10-18|EPI_ISL_638892|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19|Netherlands/ZuidHolland_160/2020|2020-04-29|EPI_ISL_461332|Original|hCoV-19^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19|England/QEUH-7A7338/2020|2020-07-13|EPI_ISL_533205|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|USA/LA-EVTL777/2020|2020-07-22|EPI_ISL_653468|Original|hCoV-19^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19|Switzerland/BL-ETHZ-260048/2020|2020-08-24|EPI_ISL_539376|Original|hCoV-19^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19|England/NOTT-10F0F1/2020|2020-03-30|EPI_ISL_432964|Original|hCoV-19^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) consortium|Loose|United Kingdom

>Spike|hCoV-19|Canada/ON-E74/2020|2020-04-10|EPI_ISL_593547|Original|hCoV-19^Ontario|Human|Eastern Ontario Regional Laboratory Association|Mcmaster University|McArthur|Canada

>Spike|hCoV-19|England/BRIS-1236B9/2020|2020-04-07|EPI_ISL_442640|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19|England/ALDP-A4PD04/2020|2020-10-07|EPI_ISL_597556|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|USA/MI-MDHHS-SC22344/2020|2020-11-04|EPI_ISL_708324|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19|England/CAMC-B9AE42/2020|2020-11-15|EPI_ISL_673612|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|England/MILK-97110E/2020|2020-08-17|EPI_ISL_553082|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|Denmark/DCGC-21946/2020|2020-12-21|EPI_ISL_758470|Original|hCoV-19^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelisen|Denmark

>Spike|hCoV-19|Switzerland/BE-ETHZ-420506/2020|2020-12-21|EPI_ISL_767997|Original|hCoV-19^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19|DRC/6338/2020|2020-05-09|EPI_ISL_495630|Original|hCoV-19^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19|Northern Ireland/NIRE-2345A8/2020|2020-10-14|EPI_ISL_680409|Original|hCoV-19^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19|USA/TX-DSHS-1772/2020|2020-06-20|EPI_ISL_710412|Original|hCoV-19^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19|USA/CA-CZB-13143/2020|2020-10-26|EPI_ISL_672394|Original|hCoV-19^California|Human|Madera County Department of Public Health|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19|England/BRIS-12B6B1/2020|2020-05-20|EPI_ISL_487612|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19|USA/TX-HMH-MCoV-10779/2020|2020-07-05|EPI_ISL_789622|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Scotland/CVR5123/2020|2020-10-16|EPI_ISL_627201|Original|hCoV-19|Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spa|hel|hCoV-19/England/BRM-5F73A/2020|2020-05-02|EPI_ISL_473324|Original|hCoV-19|England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom
>Spa|hel|hCoV-19/Scotland/QEUH-9ADF96/2020|2020-09-05|EPI_ISL_638899|Original|hCoV-19|Scotland|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spa|hel|hCoV-19/England/ALDP-9EAECD/2020|2020-09-24|EPI_ISL_580055|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spa|hel|hCoV-19/Netherlands/NB-EMC-305/2020|2020-10-04|EPI_ISL_632658|Original|hCoV-19|Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spa|hel|hCoV-19/England/QEUH-A63C1C/2020|2020-10-12|EPI_ISL_628667|Original|hCoV-19|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spa|hel|hCoV-19/USA/TX-HMH-5182/2020|2020-06-22|EPI_ISL_544581|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spa|hel|hCoV-19/England/CLMC-C2D4BA/2020|2020-12-07|EPI_ISL_733881|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spa|hel|hCoV-19/Australia/QLD1092/2020|2020-03-28|EPI_ISL_593611|Original|hCoV-19|Australia|Unknown|Public Health Virology Laboratory|Nguyen|Australia
>Spa|hel|hCoV-19/Spain/PV-IBV-004306/2020|2020-04-09|EPI_ISL_510421|Original|hCoV-19|Basque Country|Human|Servicio de Microbiología|u00eda. Hospital Universitario Donostia. OSI Donostialdea. u00eda. Hospital Universitario Donostia. OSI Donostialdea. |SeqCOVID-SPAIN consortium/IVB(CSIC)|Comas|Spain
>Spa|hel|hCoV-19/England/MILK-A46435/2020|2020-10-05|EPI_ISL_598630|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spa|hel|hCoV-19/Canada/ON-PHL-20-00020/2020|2020-00-00|EPI_ISL_548701|Original|hCoV-19|Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada
>Spa|hel|hCoV-19/England/QEUH-B7CC2E/2020|2020-11-14|EPI_ISL_741815|Original|hCoV-19|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spa|hel|hCoV-19/USA/AK-PHL455/2020|2020-06-08|EPI_ISL_560559|Original|hCoV-19|Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Chen|USA
>Spa|hel|hCoV-19/USA/VA-DCLS-0099/2020|2020-04-11|EPI_ISL_434593|Original|hCoV-19|Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacobs|USA
>Spa|hel|hCoV-19/Denmark/DGCC-7497/2020|2020-10-12|EPI_ISL_619106|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsens lab|Miaelsen|Denmark
>Spa|hel|hCoV-19/England/MILK-B8F824/2020|2020-11-13|EPI_ISL_674556|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spa|hel|hCoV-19/England/BRIS-185415A/2020|2020-04-28|EPI_ISL_492391|Original|hCoV-19|England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spa|hel|hCoV-19/England/ALDP-A66E5F/2020|2020-10-12|EPI_ISL_630507|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spa|hel|hCoV-19/Sweden/20-08072/2020|2020-03-03|EPI_ISL_454449|Original|hCoV-19|Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden
>Spike|hCoV-19/USA/CA-SCCPHD-UC188/2020|2020-03-19|EPI_ISL_435667|Original|hCoV-19^^California|Human|Santa Clara County Public Health Department|Chiu Laboratory|Chiu|USA

>Spitke|hCoV-19/England/MILK-A062A0/2020|2020-10-01|EPI_ISL_599996|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spitke|hCoV-19/England/QEUV-B32152/2020|2020-11-04|EPI ISL 646221|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Denmark/DCGC-14961/2020|2020-11-23|EPI_ISL_713550|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19|Australia/NSW2257/2020|2020-03-22|EPI_ISL_500694|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Bull|Australia
>Spike|hCoV-19|England/MILK-BFF740/2020|2020-12-02|EPI_ISL_720884|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|Spain/VC-IBV-98003102/2020|2020-03-15|EPI_ISL_538038|Original|hCoV-19^^Comunitat Valenciana|Human|Hospital Universitari i Polit\u00e8nic La Fe de Val\u00e8ncia|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
>Spike|hCoV-19|England/CAMC-B9ADBE/2020|2020-11-15|EPI_ISL_673305|Original|hCoV-19^^England|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19|England/CAMB-1B6712/2020|2020-10-03|EPI_ISL_584300|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|England/Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|Northern Ireland/QUEH-9630B7/2020|2020-08-11|EPI_ISL_531643|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/CAMC-B21D43/2020|2020-11-02|EPI_ISL_645899|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|Japan/PG-6068/2020|2020-07-00|EPI_ISL_689180|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19|England/CAMB-1B6712/2020|2020-11-12|EPI_ISL_723720|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19|Netherlands/UT-EMC-163/2020|2020-10-31|EPI_ISL_722587|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands
>Spike|hCoV-19|Denmark/DCGC-15475/2020|2020-11-23|EPI_ISL_713844|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19|England/ALDP-B75FC2/2020|2020-11-12|EPI_ISL_723720|Original|hCoV-19^^England|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19|England/NORW-E9D42/2020|2020-04-30|EPI_ISL_448362|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhani|United Kingdom
>Spike|hCoV-19|England/QUEUH-BF0958/2020|2020-12-05|EPI_ISL_709191|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|Belgium/rega-12111391/2020|2020-12-11|EPI_ISL_738443|Original|hCoV-19^^Mol|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Spike|hCoV-19|USA/CA-ALSRL-2727/2020|2020-07-22|EPI_ISL_635646|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19|England/QUEUH-C3194B/2020|2020-12-11|EPI_ISL_782686|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/TX-HMH-2666/2020|2020-06-05|EPI_ISL_545462|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|USA/CA-ALSRL-4826/2020|2020-11-04|EPI_ISL_730164|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19|USA/PA_1802/2020|2020-03-05|EPI_ISL_424881|Original|hCoV-19^^Pennsylvania|Human|PA Department of Health|Pathogen Discovery|Queen|USA
| Location | Name | Description |
|----------|------|-------------|
| France/IHU | EPI_ISL_569393 | Original hCoV-19 ^C \( ^{\text{Provence-Alpes-C\'}u00f4te-d\text{\'}u2019Azur}}\) Human | MEPH\text{I}| M\text{EPHI} | Levasseur | France |
| Portugal/PT1810 | EPI_ISL_732035 | Original hCoV-19 ^D \( ^{\text{Portugal}}\) Human | Instituto Nacional de Salude (INSA) | Instituto Nacional de Salude (INSA) | Borges | Portugal |
| USA/MI-MDHS-SC22201 | EPI_ISL_644369 | Original hCoV-19 ^E \( ^{\text{Michigan}}\) Human | Michigan Department of Health and Human Services | Michigan Department of Health and Human Services | Jacob | USA |
| England/NOTT-11B432 | EPI_ISL_652365 | Original hCoV-19 ^F \( ^{\text{England}}\) Human | Queens Medical Centre | COVID-19 Genomics UK (COG-UK) Consortium | Robson | United Kingdom |
| Australia/NSW60 | EPI_ISL_427663 | Original hCoV-19 ^G \( ^{\text{Australia}}\) Human | Centre for Infectious Diseases and Microbiology Public Health | NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney | Gall | Australia |
| England/LIVE-A9BBB | EPI_ISL_517334 | Original hCoV-19 ^H \( ^{\text{England}}\) Human | Liverpool Clinical Laboratories | COVID-19 Genomics UK (COG-UK) Consortium | Haldenby | United Kingdom |
| Spain/MD-IBV | EPI_ISL_510195 | Original hCoV-19 ^I \( ^{\text{Spain}}\) Human | Hospital General Universitario Gregorio Mara | SeqCOVID-SPAIN consortium | Comas | Spain |
| England/MILK-B8EE05 | EPI_ISL_674754 | Original hCoV-19 ^J \( ^{\text{England}}\) Human | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| USA/MI-UM-10035712935 | EPI_ISL_583254 | Original hCoV-19 ^K \( ^{\text{Michigan}}\) Human | University of Michigan Clinical Microbiology Laboratory | Lauring Lab | Valesano | USA |
| USA/WA-S534 | EPI_ISL_434294 | Original hCoV-19 ^L \( ^{\text{Washington}}\) Human | Washington State Department of Health | Seattle Flu Study | Bedford | USA |
| England/OXON-AC622 | EPI_ISL_448469 | Original hCoV-19 ^M \( ^{\text{England}}\) Human | Oxford Viromics | COVID-19 Genomics UK (COG-UK) Consortium | Golubchik | United Kingdom |
| England/QEUH-B1300F | EPI_ISL_641792 | Original hCoV-19 ^N \( ^{\text{England}}\) Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom |
| Denmark/DGCC-6698 | EPI_ISL_619601 | Original hCoV-19 ^O \( ^{\text{Denmark}}\) Human | Department of Virus and Microbiological Special Diagnostics | Albertsen Lab | Michaelsen | Denmark |
| Northern Ireland/NIRE-FA616 | EPI_ISL_441717 | Original hCoV-19 ^P \( ^{\text{Northern Ireland}}\) Human | Regional Virus Laboratory | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Amato | United Kingdom |
| Ireland/CN-NVRL | EPI_ISL_732463 | Original hCoV-19 ^Q \( ^{\text{Cavan}}\) Human | National Virus Reference Laboratory | National Virus Reference Laboratory | Gonzalez | Ireland |
| USA/WA-S218 | EPI_ISL_430165 | Original hCoV-19 ^R \( ^{\text{Washington}}\) Human | Washington State Department of Health | Seattle Flu Study | Bedford | USA |
| Denmark/DGCC-9490 | EPI_ISL_668999 | Original hCoV-19 ^S \( ^{\text{Nordjylland}}\) Human | Department of Virus and Microbiological Special Diagnostics | Albertsen Lab | Michaelsen | Denmark |
| USA/MI-QDX-555 | EPI_ISL_571313 | Original hCoV-19 ^T \( ^{\text{Michigan}}\) Human | Quest Diagnostics | Quest Diagnostics | Kagan | USA |
>Spike|hCoV-19|England|ALDP-AA4FAD|2020|2020-10-22|EPI_ISL_630820|Original|hCoV-19
^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spa|hCoV-19|USA|CA-ALSR-3453|2020|2020-09-14|EPI_ISL_636037|Original|hCoV-19
^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research
^{Gangavarapu}|USA

>Spa|hCoV-19|England|IL-MILK-ACE2|2020|2020-10-22|EPI_ISL_629640|Original|hCoV-19
^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spa|hCoV-19|Australia|VIC13863|2020-08-31|EPI_ISL_592333|Original|hCoV-19
^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spa|hCoV-19|USA|CA-CZB-3869|2020-07-16|EPI_ISL_548529|Original|hCoV-19
^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spa|hCoV-19|Singapore|6742020|2020-06-20|EPI_ISL_498572|Original|hCoV-19
^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spa|hCoV-19|Wales|PHWC-481B20|2020-10-14|EPI_ISL_611609|Original|hCoV-19
^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK
(COG-UK) Consortium|Moore|United Kingdom

>Spa|hCoV-19|USA|NY-Wadsworth-245457-01|2020-10-13|EPI_ISL_734351|Original|hCoV-19
^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spa|hCoV-19|England|NOTT-113F84|2020-10-02|EPI_ISL_577124|Original|hCoV-19
^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK)
Consortium|Loose|United Kingdom

>Spa|hCoV-19|Japan|PG-4201|2020-07-00|EPI_ISL_692439|Original|hCoV-19
^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spa|hCoV-19|USA|UT-UPHL-2012915062|2020-06-18|EPI_ISL_746473|Original|hCoV-19
^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spa|hCoV-19|USA|MI-UM-1003607979|2020-10-24|EPI_ISL_650010|Original|hCoV-19
^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spa|hCoV-19|Australia|QLD1257|2020-03-23|EPI_ISL_693260|Original|hCoV-19
^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spa|hCoV-19|Denmark|DCGC-12746|2020-11-16|EPI_ISL_682927|Original|hCoV-19
^^Syddanmark|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spa|hCoV-19|England|20422147404|2020-09-00|EPI_ISL_584062|Original|hCoV-19
^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spa|hCoV-19|England|CAMB-77BD6|2020-04-03|EPI_ISL_440833|Original|hCoV-19
^^England|Human|Department of Pathology|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spa|hCoV-19|USA|WA-S926|2020-04-22|EPI_ISL_463416|Original|hCoV-19
^^Washington|Human|Washington State Department of Health|Seattle Flu
Study|Bedford|USA

>Spa|hCoV-19|Australia|NSW2507|2020-07-04|EPI_ISL_527028|Original|hCoV-19
^^New South Wales|Human|Area of Virology|Area of Virology|Yean|Australia

>Spa|hCoV-19|England|CAMC-9EC48|2020-09-24|EPI_ISL_580576|Original|hCoV-19
^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spa|hCoV-19|England|NOTT-111733|2020-05-18|EPI_ISL_461915|Original|hCoV-19
^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK)
Consortium|Loose|United Kingdom

>Spa|hCoV-19|Austria|CeMM0098|2020-03-20|EPI_ISL_437959|Original|hCoV-19
^^Kematen In Tirol|Human|Universitaetsklinik f\u00fcr Innere Medizin II
Innsbruck|Bergthaler laboratory|Bergthaler|Austria
Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
> Spike|hCoV-19|Denmark/DGCC-6796/2020|2020-10-12|EPI_ISL_619493|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsens lab|Michaelse|Denmark
> Spike|hCoV-19|England/MILK-C60C86/2020|2020-12-13|EPI_ISL_769337|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|Scotland/CVR2585/2020|2020-04-16|EPI_ISL_484608|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
> Spike|hCoV-19|England/LIVE-A642E/2020|2020-03-18|EPI_ISL_499496|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
> Spike|hCoV-19|Australia/VIC3287/2020|2020-07-10|EPI_ISL_520966|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL-Schultz|Australia
> Spike|hCoV-19|Belgium/rega|0720810/2020|2020-07-20|EPI_ISL_734803|Original|hCoV-19^^Geheul|Human|UZ Leuven|KU Leuven|Maes|Belgium
> Spike|hCoV-19|Japan/PG-1020/2020|2020-03-00|EPI_ISL_684630|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Secizuka|Japan
> Spike|hCoV-19|England/OXON-B095F/2020|2020-04-21|EPI_ISL_478922|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
> Spike|hCoV-19|England/QEUH-5475AF/2020|2020-05-14|EPI_ISL_533370|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England/QEUH|5475AF/2020|2020-05-14|EPI_ISL_533370|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Russia/SFE-R11-18574V/2020|2020-05-29|EPI_ISL_524020|Vero P1|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russia Federation|WHO National Influenza Centre Russia Federation|Komissarov|Russia
> Spike|hCoV-19|Russia/Moscow_PMVL-7/2020|2020-03-20|EPI_ISL_470900|Vero E6|hCoV-19^^Moscow|Human|Influenza etiology and epidemiology laboratory|Pathogenic Microorganisms Variability Laboratory|Shchetinin|Russia
> Spike|hCoV-19|Russia/Kabardino-Balkaria-80501/2020|2020-03-23|EPI_ISL_428893|Vero|hCoV-19^^Kabardino-Balkaria|Human|State Research Center of Virology and Biotechnology VECTOR|State Research Center of Virology and Biotechnology VECTOR|Shvalov|Russia
> Spike|hCoV-19|England/204180259/2020|2020-09-25|EPI_ISL_583991|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
> Spike|hCoV-19|England/QEUH-B7CFF8/2020|2020-11-14|EPI_ISL_741838|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
> Spike|hCoV-19|India/DL-NCDCC-4208/2020|2020-04-14|EPI_ISL_436452|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India
> Spike|hCoV-19|England/MILK-B39276/2020|2020-11-01|EPI_ISL_650215|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
> Spike|hCoV-19|Denmark/DGCC-2436/2020|2020-08-10|EPI_ISL_617611|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsens lab|Michaelse|Denmark
> Spike|hCoV-19|USA/LA-EVT1066/2020|2020-11-27|EPI_ISL_768336|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamili|USA
> Spike|hCoV-19|Australia/VIC17564/2020|2020-07-28|EPI_ISL_663924|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit – Public Health Laboratory (MDU-PHL)|MDU-PHL-Schultz|Australia
> Spike|hCoV-19|Netherlands/GE-EMC-179/2020|2020-05-19|EPI_ISL_523161|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
| Date          | EPI ISL    | Original | hCoV-19 | Region | Location | Lab | Consortium                      |
|--------------|-----------|----------|---------|--------|----------|-----|---------------------------------|
| 2020-01-10   | EPI ISL_722611 | Original | hCoV-19 | England | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute | COVID-19 response team | Erasmus Medical Center | Oude Munnik | Netherlands |
| 2020-12-10   | EPI ISL_693970 | Original | hCoV-19 | England | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute | COVID-19 response team | Erasmus Medical Center | Oude Munnik | Netherlands |
| 2020-12-20   | EPI ISL_510345 | Original | hCoV-19 | England | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute | COVID-19 response team | Erasmus Medical Center | Oude Munnik | Netherlands |
| 2020-12-30   | EPI ISL_770810 | Original | hCoV-19 | Minnesota | St. Mary's Medical Center | Minnesota Department of Health | Loretz | USA |
| 2020-11-20   | EPI ISL_675538 | Original | hCoV-19 | England | Lighthouse Lab in Milton Keynes | Wellcome Sanger Institute | COVID-19 Genomics UK | Cole-UK Consortium | Davies | United Kingdom |
| 2020-10-20   | EPI ISL_598007 | Original | hCoV-19 | England | Lighthouse Lab in Alderley Park | Wellcome Sanger Institute | COVID-19 Genomics UK | Cole-UK consortium | Davies | United Kingdom |
| 2020-10-30   | EPI ISL_663031 | Original | hCoV-19 | England | Lighthouse Lab in Glasgow | Wellcome Sanger Institute | COVID-19 Genomics UK | Cole-UK consortium | Davies | United Kingdom |
| 2020-12-24   | EPI ISL_764347 | Original | hCoV-19 | England | National Health Laboratory Service | National Institute for Communicable Diseases of the | National Health Laboratory Service | Allam | South Africa |
| 2020-05-31   | EPI ISL_694463 | Original | hCoV-19 | Arizona | AZ SPHL | TGen North | French | USA |
| 2020-06-27   | EPI ISL_521998 | Original | hCoV-19 | Victoria | Microbiological Diagnostic Unit - Public Health Laboratory | MDU-PHL | Schultz | Australia |
| 2020-11-08   | EPI ISL_706529 | Original | hCoV-19 | Wales | PHWC | 49097F/2020 | 2020-11-16 | EPI ISL_706529 | Original | hCoV-19 | Wales | Human | Originating lab | COVID-19 Genomics UK | Cole-UK Consortium | Moore | United Kingdom |
| 2020-12-24   | EPI ISL_764347 | Original | hCoV-19 | England | Human | Department of Pathology | COVID-19 Genomics UK | Cole-UK consortium | Goodfellow | United Kingdom |
| 2020-05-31   | EPI ISL_694463 | Original | hCoV-19 | Arizona | Human | AZ SPHL | TGen North | French | USA |
>Spike|hCoV-19|USA|NMDOH-2020305745/2020|2020-08-21|EPI_ISL_542045|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA
>Spike|hCoV-19|England|MILK-49PE44/2020|2020-06-01|EPI_ISL_559326|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England|CAMB-180A79/2020|2020-05-13|EPI_ISL_452934|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spike|hCoV-19|Australia|VIC11175/2020|2020-08-07|EPI_ISL_563283|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19|Germany|NW-HHU-287/2020|2020-09-30|EPI_ISL_631331|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum Gbr \u00ddcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany
>Spike|hCoV-19|Switzerland|BL-ETHZ-420228/2020|2020-12-19|EPI_ISL_768094|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19|Wales|PHWC-4AODDA/2020|2020-12-13|EPI_ISL_743579|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19|Poland|78428/2020|2020-11-00|EPI_ISL_732901|Original|hCoV-19^^Poland|Human|genXone SA|genXone SA|Kaszuba|Poland
>Spike|hCoV-19|Australia|VIC6740/2020|2020-07-26|EPI_ISL_564022|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19|England|QEUH-96A1CC/2020|2020-08-12|EPI_ISL_530868|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|USA|CA-ALSR-2676/2020|2020-07-12|EPI_ISL_635625|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19|England|MILK-1A8469/2020|2020-10-01|EPI_ISL_595035|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / Northumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19|SaudiArabia|KAUST-MADINAH393/2020|2020-04-24|EPI_ISL_513148|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia
>Spike|hCoV-19|England|ALDP-AA3D1D/2020|2020-10-21|EPI_ISL_624488|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Netherlands|GE-RIVM-10319/2020|2020-03-05|EPI_ISL_636495|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spike|hCoV-19|England|MILK-ACD23C/2020|2020-10-22|EPI_ISL_634482|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Belgium|rega-0409435/2020|2020-04-09|EPI_ISL_476944|Original|hCoV-19^^Tubize|Human|KU Leuven|KU Leuven|Maes|Belgium
>Spike|hCoV-19|Canada|BC_24340030/2020|2020-03-00|EPI_ISL_463212|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada
>Spike|hCoV-19|Wales|PHWC-47F642/2020|2020-10-13|EPI_ISL_612705|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/NY-NYUMC505/2020|2020-03-30|EPI_ISL_444622|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
>Sp Ice|hCoV-19/Scotland/EDB7369/2020|2020-08-29|EPI_ISL_529318|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Sp Ice|hCoV-19/USA/CA-C2B-9760/2020|2020-06-03|EPI_ISL_672169|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA
>Sp Ice|hCoV-19/USA/MI-UM-10033872707/2020|2020-04-07|EPI_ISL_578148|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring|Valesano|USA
>Sp Ice|hCoV-19/England/ALDP-AA409B/2020|2020-10-21|EPI_ISL_624125|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp Ice|hCoV-19/Wales/MILK-904FE1/2020|2020-09-19|EPI_ISL_601517|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp Ice|hCoV-19/England/CAMB-7E1FB/2020|2020-04-16|EPI_ISL_434051|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Sp Ice|hCoV-19/England/CAMC-B325CF/2020|2020-11-05|EPI_ISL_659261|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Sp Ice|hCoV-19/England/MILK-B3A819/2020|2020-11-01|EPI_ISL_706039|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Sp Ice|hCoV-19/England/NORW-F01F1/2020|2020-10-18|EPI_ISL_627570|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Sp Ice|hCoV-19/Australia/VIC14630/2020|2020-08-17|EPI_ISL_592836|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PhL|Schultz|Australia
>Sp Ice|hCoV-19/England/QUEH-B66780/2020|2020-11-10|EPI_ISL_655252|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Sp Ice|hCoV-19/England/MILK-A4S6G6/2020|2020-10-06|EPI_ISL_598528|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp Ice|hCoV-19/USA/OH-CDC-2-3714378/2020|2020-11-19|EPI_ISL_751613|Original|hCoV-19^^Ohio|Human|OH Department of Health Laboratory|Genomics and Discovery|Queen|USA
>Sp Ice|hCoV-19/USA/TX-HMH-MCoV-15099/2020|2020-10-14|EPI_ISL_786583|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>SpIce|hCoV-19/England/MILK-BDBF06/2020|2020-11-26|EPI_ISL_709780|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|England/ALDP-C3B6C2/2020|2020-12-09|EPI_ISL_730775|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19|Bangladesh/BCSIR-NILMRC-256/2020|2020-07-07|EPI_ISL_490165|Original|hCoV-19|^Khuina|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

Spike|hCoV-19|England/LIVE-9E5F9/2020|2020-04-11|EPI_ISL_453315|Original|hCoV-19|^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

Spike|hCoV-19|England/LOND-DAB3B/2020|2020-11-09|EPI_ISL_724695|Original|hCoV-19|^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

Spike|hCoV-19|Netherlands/ZH-RIVM-20934/2020|2020-09-24|EPI_ISL_790960|Original|hCoV-19|^Zuid-holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

Spike|hCoV-19|USA/NY-NYCPHL-000049/2020|2020-03-10|EPI_ISL_631543|Original|hCoV-19|^New York|Human|Robert Kutnick|New York City Public Health Laboratory|Wang|USA

Spike|hCoV-19|Scotland/EDB7941/2020|2020-09-26|EPI_ISL_585456|Original|hCoV-19|^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

Spike|hCoV-19|Northern Ireland/NIRE-107475/2020|2020-03-31|EPI_ISL_585153|Original|hCoV-19|^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

Spike|hCoV-19|Portugal/PT0530/2020|2020-04-06|EPI_ISL_454254|Original|hCoV-19|^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

Spike|hCoV-19|USA/MA-NM-UNM-00854/2020|2020-05-04|EPI_ISL_610280|Original|hCoV-19|^New Mexico|Human|New Mexico Department of Health Scientific Laboratory Division|Center for Global Health|Domman|USA

Spike|hCoV-19|England/ALDP-6BF5CF/2020|2020-07-01|EPI_ISL_557864|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|USA/NY-NYCPHL-001453/2020|2020-11-25|EPI_ISL_683816|Original|hCoV-19|^New York|Human|DOHMH Fort Greene|New York City Public Health Laboratory|Wang|USA

Spike|hCoV-19|England/QEUH-CC973F/2020|2020-12-23|EPI_ISL_781890|Original|hCoV-19|^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Australia/VIC5143/2020|2020-07-19|EPI_ISL_519946|Original|hCoV-19|^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

Spike|hCoV-19|England/ALDP-A872B6/2020|2020-10-17|EPI_ISL_606231|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|England/ALDP-950A46/2020|2020-06-14|EPI_ISL_554383|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|USA/CA-CZB-7135/2020|2020-09-01|EPI_ISL_583013|Original|hCoV-19|^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

Spike|hCoV-19|England/QEUH-B11BE2/2020|2020-11-02|EPI_ISL_642260|Original|hCoV-19|^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

Spike|hCoV-19|Wales/PHWC-4A0B94/2020|2020-12-11|EPI_ISL_743553|Original|hCoV-19|^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19|Denmark/DCGC-19781/2020|2020-12-07|EPI_ISL_747542|Original|hCoV-19|^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

Spike|hCoV-19|England/ALDP-BC89E0/2020|2020-11-22|EPI_ISL_721380|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
null
>SpiekhoCoV-19/USA/PA-MGSC44-05/2020|2020-03-26|EPI_ISL_436492|Original|hCoV-19
^Pennsylvania|Human|UPMC Clinical Laboratory|Microbial Genome Sequencing Center|Cooper|USA
>SpiekhoCoV-19/Japan/PG-3026/2020|2020-04-00|EPI_ISL_691149|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>SpiekhoCoV-19/England/LOND-1264D2C/2020|2020-11-23|EPI_ISL_724560|Original|hCoV-19
^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>SpiekhoCoV-19/USA/CA-CSM5/2020|2020-04-13|EPI_ISL_475662|Original|hCoV-19
^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA
>SpiekhoCoV-19/Northern Ireland/NIRE-1073F0/2020|2020-03-31|EPI_ISL_585146|Original|hCoV-19
^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
>SpiekhoCoV-19/England/SHEF-C3BBD/2020|2020-10-29|EPI_ISL_653065|Original|hCoV-19
^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|deSilva|United Kingdom
>SpiekhoCoV-19/Russia/MUR-RII-MH6041S/2020|2020-11-12|EPI_ISL_733335|Original|hCoV-19
^Murmansk Region|Human|HELIK WHO National Influenza Centre Russian Federation|Komissarov|Russia
>SpiekhoCoV-19/Hong Kong/VM20123558/2020|2020-09-18|EPI_ISL_760034|Original|hCoV-19
^Hong Kong|Human|Hong Kong Department of Health|School of Public Health|Chu|China
>SpiekhoCoV-19/Italy/LOM-I2SSC-TE31811/2020|2020-05-02|EPI_ISL_528939|Original|hCoV-19
^Lombardy|Human|Agenzia di Tutela della Salute di Bergamo|Istituto Zooprofilattico Sperimentale dell'Abbruzzo e Molise \Lorusso|Italy
>SpiekhoCoV-19/Scotland/QUEH-C33484/2020|2020-12-11|EPI_ISL_782667|Original|hCoV-19
^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>SpiekhoCoV-19/USA/TX-HMH-MCoV-8811/2020|2020-07-01|EPI_ISL_780538|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Lor|USA
>SpiekhoCoV-19/USA/MA-MGH-00194/2020|2020-03-26|EPI_ISL_460368|Original|hCoV-19
^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA
>SpiekhoCoV-19/Canada/MB-NML-1111/2020|2020-08-04|EPI_ISL_582451|Original|hCoV-19
^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada
>SpiekhoCoV-19/England/CAMB-1BB917/2020|2020-11-18|EPI_ISL_679162|Original|hCoV-19
^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>SpiekhoCoV-19/France/PAC-MEPH1-2051/2020|2020-08-31|EPI_ISL_644483|Original|hCoV-19
^Provence-Alpes-Cote-d\u0158ur|Human|MEPH|MEPH|Levasseur|France
>SpiekhoCoV-19/USA/UT-08484/2020|2020-05-19|EPI_ISL_524253|Original|hCoV-19
^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>SpiekhoCoV-19/Denmark/DGCC-17992/2020|2020-12-14|EPI_ISL_749686|Original|hCoV-19
^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Majka|Michael|Denmark
>SpiekhoCoV-19/USA/CA-CZB0101/2020|2020-03-28|EPI_ISL_429056|Original|hCoV-19
^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA
>SpiekhoCoV-19/USA/TX-HMH-MCoV-10828/2020|2020-07-05|EPI_ISL_789646|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>SpiekhoCoV-19/Japan/PG-6117/2020|2020-08-00|EPI_ISL_689229|Original|hCoV-19
^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>SpiekhoCoV-19/Switzerland/ZH-UZH-IMV117/2020|2020-12-20|EPI_ISL_730633|Original|hCoV-19
^Zurich|Human|M\u00e4nnedorf Hospital|Institute of Medical Virology|Schmutz|Switzerland
>SpiekhoCoV-19/England/MILK-A7B093/2020|2020-10-14|EPI_ISL_607593|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/South Africa/KRISP-K002892/2020|2020-09-01|EPI_ISL_602704|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
>Spike|hCoV-19/USA/MN-QDX-992/2020|2020-03-13|EPI_ISL_571790|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/England/ALDP-A2FB5B/2020|2020-10-05|EPI_ISL_587023|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-19145/2020|2020-11-24|EPI_ISL_783652|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/WA-UW-6491/2020|2020-04-03|EPI_ISL_437848|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/Denmark/DGCC-15255/2020|2020-11-23|EPI_ISL_713723|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/NY-PV09466/2020|2020-03-19|EPI_ISL_450139|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA
>Spike|hCoV-19/Scotland/EDB9221/2020|2020-11-03|EPI_ISL_652050|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
>Spike|hCoV-19/Netherlands/NA_472/2020|2020-04-14|EPI_ISL_455274|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/Northern Ireland/NIRE-FD033/2020|2020-04-24|EPI_ISL_489376|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/LA-GBC1-26791726/2020|2020-04-09|EPI_ISL_485345|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA
>Spike|hCoV-19/Wales/PHWC-48EB41/2020|2020-11-03|EPI_ISL_680967|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/CAMB-1B73FF/2020|2020-10-15|EPI_ISL_638319|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/Wales/PHWC-498607/2020|2020-11-30|EPI_ISL_727101|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Wales/PHWC-285E5/2020|2020-04-01|EPI_ISL_431908|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/England/QEUH-AAB653/2020|2020-10-22|EPI_ISL_630931|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/MI-MDHS-SC20121/2020|2020-03-24|EPI_ISL_436849|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/Japan/PG-2590/2020|2020-04-00|EPI_ISL_690724|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/NORT-29E31B/2020|2020-05-05|EPI_ISL_493511|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/England/BRTS-129246/2020|2020-04-18|EPI_ISL_458743|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/MILK-ACE338/2020|2020-10-21|EPI_ISL_629254|Original|hCoV-19
>England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19|England/CAMC-B77FFE/2020|2020-11-12|EPI_ISL_668148|Original|hCoV-19
>England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19|England/ALDP-9E730D/2020|2020-09-24|EPI_ISL_580589|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19|England/QEUH-98FBA5/2020|2020-08-29|EPI_ISL_530387|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19|USA/TX-HMW-MCoV-15957/2020|2020-07-10|EPI_ISL_785641|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spke|hCoV-19|Spain/PI-IBV-98008329/2020|2020-10-09|EPI_ISL_654546|Original|hCoV-19
>Basque Country|Human|Servicio de Microbiología|00 eda. Hospital Universitario Donostia. OSI Donostialdea. |Área de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>Spke|hCoV-19|England/SHEF-10D16A9/2020|2020-12-20|EPI_ISL_763506|Original|hCoV-19
>England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spke|hCoV-19|England/20188072804/2020|2020-04-29|EPI_ISL_465514|Original|hCoV-19
>England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spke|hCoV-19|USA/LA-EVTL715/2020|2020-07-15|EPI_ISL_653407|Original|hCoV-19
>Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spke|hCoV-19|Australia/VIC11420/2020|2020-00-00|EPI_ISL_563366|Original|hCoV-19
>Australia/Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spke|hCoV-19|USA/UT-UPHL-2012358136/2020|2020-07-27|EPI_ISL_745561|Original|hCoV-19
>Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA
>Spke|hCoV-19|USA/OR-OHSU-2741/2020|2020-08-28|EPI_ISL_667298|Original|hCoV-19
>Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|0'Roak|USA
>Spke|hCoV-19|Spain/CT-HUVH-VH7924/2020|2020-03-25|EPI_ISL_450337|Original|hCoV-19
>Catalunya|Human|Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca|Hospital Universitari Vall d'Hebron|Anton|Spain
>Spke|hCoV-19|USA/CA-CZB-13498/2020|2020-10-28|EPI_ISL_672521|Original|hCoV-19
>California|Human|Madera County Department of Public Health|Chan-Zuckerberg Biohub|Bhatt|USA
>Spke|hCoV-19|Denmark/DCGC-19609/2020|2020-12-07|EPI_ISL_749057|Original|hCoV-19
>Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelson|Denmark
>Spke|hCoV-19|England/ALDP-6C1014/2020|2020-07-01|EPI_ISL_557916|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spke|hCoV-19|England/ALDP-C3D37E/2020|2020-12-10|EPI_ISL_731606|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spke|hCoV-19|England/CAMB-1BB382/2020|2020-11-15|EPI_ISL_664590|Original|hCoV-19
>England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
> Spike|hCoV-19|Engineering/SGU|2020|2019|EPI_ISL_741922|Original|hCoV-19
> England|Human|Oxford Virology|COVID-19 Genomics UK (COG-UK)
> Consortium|Golubchik|United Kingdom
> > Spike|hCoV-19|Australia/VIC2942|2020|2019|EPI_ISL_521772|Original|hCoV-19
> > Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> > Spike|hCoV-19|Scotland/CVR3255|2020|2019|EPI_ISL_473645|Original|hCoV-19
> > England|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK)
> Consortium|Robertson|United Kingdom
> > Spike|hCoV-19|Japan/PG-6028|2020|2019|EPI_ISL_689140|Original|hCoV-19
> > Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
> > Spike|hCoV-19|USA/TX-HMH-MCoV-13556|2020|2019|EPI_ISL_788673|Original|hCoV-19
> > Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> > Spike|hCoV-19|England/OXON-AFF51|2020|2019|EPI_ISL_478838|Original|hCoV-19
> > England|Human|Oxford Virology|COVID-19 Genomics UK (COG-UK)
> Consortium|Golubchik|United Kingdom
> > Spike|hCoV-19|Wales/PHWC-4A5054|2020|2019|EPI_ISL_764815|Original|hCoV-19
> > Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK)
> Consortium|Moore|United Kingdom
> > Spike|hCoV-19|Belgium/UGent-201|2020|2019|EPI_ISL_717581|Original|hCoV-19
> > Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium
> > Spike|hCoV-19|England/SHEF-BFCDF|2020|2019|EPI_ISL_416732|Original|hCoV-19
> > England|Human|Virology Department|Department of Infection|de Silva|United Kingdom
> > Spike|hCoV-19|Spain/CT-IVB-005635|2020|2019|EPI_ISL_508676|Original|hCoV-19
> > Catalunya|Human|Departamento de Microbiologia|u00eda|SeqCOVID-SPAIN
> consortium|IVB (CSIC)|Comas|Spain
> > Spike|hCoV-19|England/ALDP-9BC671|2020|2019|EPI_ISL_568149|Original|hCoV-19
> > England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK consortium|Davies|United Kingdom
> > Spike|hCoV-19|Denmark/DGCC-3393|2020|2019|EPI_ISL_616152|Original|hCoV-19
> > Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
> > Spike|hCoV-19|Bangladesh/CHRF-0033|2020|2019|EPI_ISL_768729|Original|hCoV-19
> > Dhaka|Human|Child Health Research Foundation|Child Health Research Foundation|Saha|Bangladesh
> > Spike|hCoV-19|England/MILK-AB84B6|2020|2019|EPI_ISL_623491|Original|hCoV-19
> > England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK consortium|Davies|United Kingdom
> > Spike|hCoV-19|USA/UT-UPH|2020|2019|EPI_ISL_525186|Original|hCoV-19
> > Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
> > Spike|hCoV-19|Wales/PHWC-16ELA2|2020|2019|EPI_ISL_585679|Original|hCoV-19
> > Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK)
> Consortium|Moore|United Kingdom
> > Spike|hCoV-19|England/2014084004|2020|2019|EPI_ISL_465946|Original|hCoV-19
> > England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
> > Spike|hCoV-19|England/ALDP-95AE5F|2020|2019|EPI_ISL_555748|Original|hCoV-19
> > England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> > Spike|hCoV-19|Wales/PHWC-166B33|2020|2019|EPI_ISL_494084|Original|hCoV-19
> > Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> > Spike|hCoV-19|England/MILK-93D10|2020|2019|EPI_ISL_552939|Original|hCoV-19
> > England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> > Spike|hCoV-19|England/CAMC-C47A6D|2020|2019|EPI_ISL_719284|Original|hCoV-19
> > England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> > Spike|hCoV-19|USA/WA-UW-9323|2020|2019|EPI_ISL_776738|Original|hCoV-19
> ^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/Wales/PHWC-251C6/2020|2020-03-23|EPI_ISL_420981|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spoke|hCoV-19/USA/CT-Yale-293/2020|2020-03-27|EPI_ISL_476522|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spoke|hCoV-19/USA/VA-DCLS-0535/2020|2020-03-13|EPI_ISL_485836|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spoke|hCoV-19/USA/MA-MASPLH-00697/2020|2020-04-23|EPI_ISL_692950|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spoke|hCoV-19/England/ALDP-9E9E82/2020|2020-09-24|EPI_ISL_580148|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19/South Africa/KRISP-012293/2020|2020-07-23|EPI_ISL_515671|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spoke|hCoV-19/Scotland/EDB11328/2020|2020-12-26|EPI_ISL_764366|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spoke|hCoV-19/Canada/ON-UHTC-0180/2020|2020-05-24|EPI_ISL_569966|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spoke|hCoV-19/India/OR-ILSCV14244/2020|2020-05-10|EPI_ISL_463028|Original|hCoV-19^^Odisha|Human|Institute of Life Sciences|Immunogenomics lab|Raghav|India

>Spoke|hCoV-19/England/MILK-975A87/2020|2020-08-20|EPI_ISL_552490|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19/Gibraltar/204421202/2020|2020-10-27|EPI_ISL_613663|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spoke|hCoV-19/USA/FL-BPHL-1002/2020|2020-07-10|EPI_ISL_517892|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spoke|hCoV-19/England/ALDP-A6C74F/2020|2020-10-14|EPI_ISL_607166|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19/England/ALDP-9B572A/2020|2020-08-28|EPI_ISL_590359|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19/England/ALDP-889FD4/2020|2020-06-28|EPI_ISL_557138|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19/England/MILK-B3A0A8/2020|2020-11-01|EPI_ISL_679677|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Nadeau|Switzerland

>Spoke|hCoV-19/England/CAMB-1AE0A9/2020|2020-04-27|EPI_ISL_459488|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19/England/CAMB-1BAF25/2020|2020-11-11|EPI_ISL_664806|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/Brazil/SP-440/2020|2020-07-20|EPI_ISL_603037|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital Geral de Pedreira|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/England/MILK-B88409/2020|2020-11-13|EPI_ISL_674458|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RJ-00573/2020|2020-11-05|EPI_ISL_717957|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/England/NORW-E89D6/2020|2020-00-00|EPI_ISL_448260|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14805/2020|2020-10-13|EPI_ISL_786290|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-WSLH-200423/2020|2020-05-23|EPI_ISL_578584|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/CAMB-1B98B2/2020|2020-11-07|EPI_ISL_664946|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Slovenia/7455/2020|2020-03-14|EPI_ISL_635241|Original|hCoV-19^^Slovenia|Human|Institute of Microbiology and Immunology|Institute of Microbiology and Immunology/Zakotnik|Slovenia

>Spike|hCoV-19/Wales/PHWC-2612F/2020|2020-03-24|EPI_ISL_422194|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/201161424/2020|2020-03-12|EPI_ISL_464838|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-AA18E1/2020|2020-10-21|EPI_ISL_624117|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B99F9E/2020|2020-11-11|EPI_ISL_66457|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/WA-UW-7007/2020|2020-04-06|EPI_ISL_570158|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/BRIS-130367/2020|2020-04-11|EPI_ISL_492661|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8359/2020|2020-09-09|EPI_ISL_687458|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikuzaka|Japan

>Spike|hCoV-19/USA/UT-UPHL-2009306/2020|2020-05-14|EPI_ISL_524912|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/WA-UW-1268/2020|2020-03-17|EPI_ISL_422985|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Germany/HH-hpi-p1349/2020|2020-03-26|EPI_ISL_775795|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/FL-BPHEL-0100/2020|2020-04-27|EPI_ISL_467667|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Schmedes|USA

>Spike|hCoV-19/USA/WI-UW-397/2020|2020-03-15|EPI_ISL_480379|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin–Madison AIDS Vaccine Research Laboratories|University of Wisconsin–Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-13303/2020|2020-08-25|EPI_ISL_788451|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|Spain|AR-IVB-9808072/2020|2020-09-30|EPI_ISL_654439|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-Spain
consortium/IVB(CSIC)|Comas|Spain
>Spie|hCoV-19|England|ALDP-A6F0E7/2020|2020-10-14|EPI_ISL_607738|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spie|hCoV-19|England|MILK-A6A107/2020|2020-10-09|EPI_ISL_627047|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spie|hCoV-19|Wales|PHWC-48298F/2020|2020-10-20|EPI_ISL_612081|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) consortium|Moore|United Kingdom
>Spie|hCoV-19|Wales|PHWC-167F63/2020|2020-04-19|EPI_ISL_494179|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spie|hCoV-19|England|MILK-8328F6/2020|2020-07-17|EPI_ISL_557263|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spie|hCoV-19|USA/NM-DOH-2020308088/2020|2020-08-24|EPI_ISL_602170|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA
>Spie|hCoV-19|USA/MI-UW-10035863299/2020|2020-09-09|EPI_ISL_583343|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>Spie|hCoV-19|England|MILK-991D04/2020|2020-08-27|EPI_ISL_552193|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spie|hCoV-19|USA/NY-NYUMC171/2020|2020-04-01|EPI_ISL_426626|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
>Spie|hCoV-19|Japan|PG-5852/2020|2020-08-00|EPI_ISL_689969|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spie|hCoV-19|Singapore|803/2020|2020-07-27|EPI_ISL_512839|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Laung|Singapore
>Spie|hCoV-19|Serbia|Kraljevo-02912507/2020|2020-07-24|EPI_ISL_644575|Original|hCoV-19^^Kraljevo|Human|Veterinary Specialized Institute \Kraljevo\|Veterinary Specialized Institute \Kraljevo\|Vidanovic|Serbia
>Spie|hCoV-19|England|BIRM-6A884/2020|2020-11-11|EPI_ISL_679094|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom
>Spie|hCoV-19|USA/NY-Wadsworth-16766-01/2020|2020-03-16|EPI_ISL_426323|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
>Spie|hCoV-19|Scotland|CVR5966/2020|2020-11-24|EPI_ISL_705703|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spie|hCoV-19|England|CAMC-B51885/2020|2020-11-08|EPI_ISL_658252|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spie|hCoV-19|Latvia|134/2020|2020-08-27|EPI_ISL_639631|Original|hCoV-19^^Latvia|Human|E. Gulbja Laboratorija|Latvian Biomedical Research and Study Centre|Zrelovs|Latvia
>Spie|hCoV-19|Shanghai|SH0039/2020|2020-02-06|EPI_ISL_416348|Original|hCoV-19^^Shanghai|Human|Shanghai Public Health Clinical Center|National Research Center for Translational Medicine (Shanghai)|Zhang|China
>Spie|hCoV-19|Wales|PHWC-48CABF/2020|2020-11-07|EPI_ISL_666503|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19|England|ALDP- CB6119|2020|2020-12-20|EPI_ISL_761726|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spie|hc|hCoV-19|India|OR-ILSCV32898|2020|2020-06-05|EPI_ISL_481176|Original|hCoV-19
>Victoria|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hc|hCoV-19|Odisha|Human|Immunogenomics lab|Raghav|India
>Spike|hc|hCoV-19|England|QEUH-C35FBE|2020|2020-12-11|EPI_ISL_731392|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hc|hCoV-19|Australia|VIC6843|2020|2020-07-25|EPI_ISL_562016|Original|hCoV-19
>Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL
>Spike|hc|hCoV-19|England|HLAB-BC7580|2020|2020-11-20|EPI_ISL_721623|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hc|hCoV-19|Japan|PG-7857|2020|2020-07-00|EPI_ISL_686958|Original|hCoV-19
>Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hc|hCoV-19|Denmark|DCGC-12465|2020|2020-11-16|EPI_ISL_682646|Original|hCoV-19
>Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hc|hCoV-19|England|ALDP-BC7580|2020|2020-11-13|EPI_ISL_721623|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hc|hCoV-19|Wales|QEUH-AD261A|2020|2020-10-24|EPI_ISL_634750|Original|hCoV-19
>Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hc|hCoV-19|New Zealand|20CV0173|2020|2020-08-26|EPI_ISL_548042|Original|hCoV-19
>Auckland|Human|North Shore Hospital|Center of Environmental Science and Research (ESR)|Wang|New Zealand
>Spike|hc|hCoV-19|Australia|VIC17309|2020|2020-07-21|EPI_ISL_663440|Original|hCoV-19
>Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hc|hCoV-19|USA|TX-HMH-MCoV-14496|2020|2020-10-09|EPI_ISL_787781|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hc|hCoV-19|Australia|VIC3440|2020|2020-07-07|EPI_ISL_521106|Original|hCoV-19
>Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL
>Spike|hc|hCoV-19|England|PORT-2EA3B6|2020|2020-00-00|EPI_ISL_665952|Original|hCoV-19
>England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike|hc|hCoV-19|England|QEUH-9F7E72|2020|2020-07-27|EPI_ISL_595719|Original|hCoV-19
>England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hc|hCoV-19|England|ALDP-C58CFA|2020|2020-12-13|EPI_ISL_735989|Original|hCoV-19
>England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hc|hCoV-19|Denmark|DCGC-14106|2020|2020-11-30|EPI_ISL_711237|Original|hCoV-19
>Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hc|hCoV-19|USA|TX-HMH-MCoV-10192|2020|2020-07-07|EPI_ISL_789364|Original|hCoV-19
>Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hc|hCoV-19|England|SHEF-CB265|2020|2020-11-23|EPI_ISL_680170|Original|hCoV-19
>England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hc|hCoV-19|England|QEUH-AF283C|2020|2020-10-30|EPI_ISL_662723|Original|hCoV-19
>England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hc|hCoV-19|Australia|VIC3478|2020|2020-07-05|EPI_ISL_521139|Original|hCoV-19
>Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL
and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/CA-ALSR-5043/2020|2020-11-12|EPI_ISL_730311|Original|hCoV-19|^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spik$hCoV-19/Scotland/EDB2290/2020|2020-04-21|EPI_ISL_439180|Original|hCoV-19|^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spik$hCoV-19/Sweden/20-21490/2020|2020-04-21|EPI_ISL_676523|Original|hCoV-19|^Uppsala|Human|Uppsala klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr€|006f5m|Sweden
>Spik$hCoV-19/Japan/TKY3583/2020|2020-03-00|EPI_ISL_462446|unknown|hCoV-19|^Tokyo|Human|unknown|Yota Kumagai Tokyo Metropolitan Institute of Public Health|Submitter|Japan
>Spik$hCoV-19/USA/MI-MDHHS-SC20276/2020|2020-03-27|EPI_ISL_447074|Original|hCoV-19|^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spik$hCoV-19/England/CAMC-B51867/2020|2020-11-08|EPI_ISL_658383|Original|hCoV-19|^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik$hCoV-19/England/CAMB-75B9C/2020|2020-03-28|EPI_ISL_438439|Original|hCoV-19|^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spik$hCoV-19/England/DGCC-19926/2020|2020-12-07|EPI_ISL_747871|Original|hCoV-19|^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spik$hCoV-19/USA/WA-UW-2208/2020|2020-03-25|EPI_ISL_426112|Original|hCoV-19|^Washington|Human|UW Virology Lab|UW Virology Lab |Roychoudhury|USA
>Spik$hCoV-19/USA/MN-MDH-1986/2020|2020-10-26|EPI_ISL_634860|Original|hCoV-19|^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA
>Spik$hCoV-19/Wales/PHWC-16C20B/2020|2020-09-20|EPI_ISL_574025|Original|hCoV-19|^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik$hCoV-19/England/BRIS-1235F8/2020|2020-04-06|EPI_ISL_442681|Original|hCoV-19|^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spik$hCoV-19/Netherlands/NB-EMC-265/2020|2020-00-00|EPI_ISL_523388|Original|hCoV-19|^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spik$hCoV-19/Sweden/20-53860/2020|2020-12-08|EPI_ISL_789039|Original|hCoV-19|^Uppsala|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr€|006f5m|Sweden
>Spik$hCoV-19/Japan/PG-6858/2020|2020-09-00|EPI_ISL_687966|Original|hCoV-19|^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spik$hCoV-19/Denmark/DGCC-11229/2020|2020-11-02|EPI_ISL_670463|Original|hCoV-19|^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelensen|Denmark
>Spik$hCoV-19/England/CAMB-76BC8/2020|2020-03-29|EPI_ISL_438484|Original|hCoV-19|^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spik$hCoV-19/Japan/IC-0591/2020|2020-11-00|EPI_ISL_779677|Original|hCoV-19|^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spik$hCoV-19/USA/FL-BPHL-0324/2020|2020-04-10|EPI_ISL_489733|Original|hCoV-19|^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blankenship|USA
>Spik$hCoV-19/Ecuador/USFQ-531/2020|2020-11-30|EPI_ISL_697798|Original|hCoV-19|^Sucumbios|Human|Institute of Microbiology|Institute of Microbiology|Cardenas|Ecuador
>Spik$hCoV-19/Spain/PV-IBV-001612/2020|2020-03-12|EPI_ISL_467153|Original|hCoV-19|^Basque Country|Human|Hospital Universitario Araba. Vitòria-Gasteiz|SegCOVID-SPAIN consortium/IBV(CSC)|Comas|Spain
Spike|hCoV-19/Northern Ireland/NIRE-102191/2020|2020-03-14|EPI_ISL_441387|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
Spike|hCoV-19/India/MH-.ACTREC-058/2020|2020-05-15|EPI_ISL_699714|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
Spike|hCoV-19/United Arab Emirates/0267/2020|2020-05-17|EPI_ISL_698448|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
Spike|hCoV-19/Singapore/1088/2020|2020-10-06|EPI_ISL_596478|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
Spike|hCoV-19/India/OR-RMRC162/2020|2020-05-07|EPI_ISL_455762|Original|hCoV-19^^Odisha|Human|REGIONAL VRDL,ICMR-RMRC BBSR|Immunogenomics lab|Raghav|India
Spike|hCoV-19/England/ALDP-A2DDC0/2020|2020-10-05|EPI_ISL_586589|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/BIRM-658F2/2020|2020-10-02|EPI_ISL_594594|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom
Spike|hCoV-19/England/ALDP-94E234/2020|2020-06-17|EPI_ISL_555608|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/QUEH-A2038F/2020|2020-12-20|EPI_ISL_761012|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Wales/PHWC-490A30/2020|2020-11-15|EPI_ISL_706531|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/England/CAMC-AEAAF5/2020|2020-10-26|EPI_ISL_633198|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/England/QUEH-A2038F/2020|2020-10-01|EPI_ISL_587668|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Scotland/EDB4661/2020|2020-05-08|EPI_ISL_449318|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
Spike|hCoV-19/England/CAMC-AEA6B5/2020|2020-10-26|EPI_ISL_633278|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/Portugal/PT1579/2020|2020-06-30|EPI_ISL_693587|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal
Spike|hCoV-19/Australia/VIC11056/2020|2020-07-29|EPI_ISL_563226|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
Spike|hCoV-19/Wales/PHWC-164D02/2020|2020-05-29|EPI_ISL_479373|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19/England/MILK-99CB4B/2020|2020-08-31|EPI_ISL_550618|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19/USA/WA-S1159/2020|2020-05-04|EPI_ISL_463649|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
Spike|hCoV-19/USA/FL-BPHL-1410/2020|2020-08-05|EPI_ISL_549192|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
> Spike|hCoV-19/Spain/VC-IBV-98003107/2020|2020-03-15|EPI_ISL_538043|Original|hCoV-19^^Comunitat Valenciana|Human|Hospital Universitari i Polit de Val\u00e8ncia|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
> Spike|hCoV-19/Guadeloupe/IPG-7342/2020|2020-03-26|EPI_ISL_613441|Original|hCoV-19^^France|Human|Institut Pasteur de la Guadeloupe|Institut Pasteur de la Guadeloupe|Enouf|Guadeloupe
> Spike|hCoV-19/USA/CA-CZB-3831/2020|2020-07-21|EPI_ISL_548388|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA
> Spike|hCoV-19/United Arab Emirates/0169/2020|2020-05-18|EPI_ISL_698356|Original|hCoV-19^^United Arab Emirates|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
> Spike|hCoV-19/Russia/SPE-RII-MH9605S/2020|2020-09-03|EPI_ISL_596366|Original|hCoV-19^^Russia|Human|HELIK LCC|WHO National Influenza Centre Russian Federation|Komissarov|Russia
> Spike|hCoV-19/Thailand/Bangkok-CONI-0304/2020|2020-03-16|EPI_ISL_693377|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand
> Spike|hCoV-19/England/NORT-28C05/2020|2020-05-11|EPI_ISL_492944|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/UT-UPHL-20121393/2020|2020-12-01|EPI_ISL_684027|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
> Spike|hCoV-19/Scotland/EDB5250/2020|2020-05-21|EPI_ISL_456995|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/MI-UM-10036806081/2020|2020-11-05|EPI_ISL_728384|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
> Spike|hCoV-19/Saudi Arabia/KAIMRC12/2020|2020-03-17|EPI_ISL_507018|Unknown|hCoV-19^^Saudi Arabia|Human|Infectious Diseases Research|Submitter|Modabber|Saudi Arabia
> Spike|hCoV-19/USA/UT-UPHL-2009338/2020|2020-06-22|EPI_ISL_524938|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
> Spike|hCoV-19/USA/TX-HMH-MCoV-15160/2020|2020-10-20|EPI_ISL_786644|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19/Wales/PHWC-163899/2020|2020-05-07|EPI_ISL_474009|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/Sweden/20-50223/2020|2020-03-08|EPI_ISL_455878|Original|hCoV-19^^Sweden|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svarstr\u00e6d|Sweden
> Spike|hCoV-19/Iceland/376/2020|2020-03-19|EPI_ISL_424400|Original|hCoV-19^^Iceland|Human|The National University of Iceland|deCODE genetics|J\u00f6nnsson|Iceland
> Spike|hCoV-19/England/QEUH-B7FE07/2020|2020-11-14|EPI_ISL_661788|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/England/QEUH-9D00DE/2020|2020-09-14|EPI_ISL_589810|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/LIVE-DC27EA/2020|2020-11-23|EPI_ISL_705826|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/Wales/PHWC-2D47A/2020|2020-04-04|EPI_ISL_445989|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
> Spike|hCoV-19/England/CMAC-B322AA/2020|2020-11-05|EPI_ISL_659124|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19/Sweden/20-53327/2020|2020-10-28|EPI_ISL_676517|Original|hCoV-19\(^{\text{England}}\)|Human|Laboratoriemedicine|The Public Health Agency of Sweden|Svartstr\{\text{u00f6}m|Sweden

Spike|hCoV-19/Scotland/CVR3822/2020|2020-05-19|EPI_ISL_478148|Original|hCoV-19\(^{\text{Scotland}}\)|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

Spike|hCoV-19/USA/HI-H200030/2020|2020-03-19|EPI_ISL_752616|Original|hCoV-19\(^{\text{Hawaii}}\)|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

Spike|hCoV-19/South Africa/R09126/2020|2020-04-28|EPI_ISL_470880|Original|hCoV-19\(^{\text{South Africa}}\)|University of Witwatersrand|South Africa

Spike|hCoV-19/England/MI-LK-2012955404/2020|2020-10-09|EPI_ISL_787838|Original|hCoV-19\(^{\text{England}}\)|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Robertson|United Kingdom

Spike|hCoV-19/Italy/LOM-ASST-8/2020|2020-02-26|EPI_ISL_486664|Original|hCoV-19\(^{\text{Lombardy}}\)|Human|Microbiology|Microbiology|Comandatore|Italy

Spike|hCoV-19/Scotland/EDB2118/2020|2020-04-20|EPI_ISL_491534|Original|hCoV-19\(^{\text{Scotland}}\)|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19/USA/TX-HMH-MCoV-14553/2020|2020-10-09|EPI_ISL_787838|Original|hCoV-19\(^{\text{Texas}}\)|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19/Scotland/CVR3524/2020|2020-05-13|EPI_ISL_473662|Original|hCoV-19\(^{\text{Scotland}}\)|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) consortium|Robertson|United Kingdom

Spike|hCoV-19/USA/OR-PROV-100/2020|2020-04-22|EPI_ISL_482370|Original|hCoV-19\(^{\text{Oregon}}\)|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

Spike|hCoV-19/USA/VA-DCLS-0385/2020|2020-04-16|EPI_ISL_467782|Original|hCoV-19\(^{\text{Virginia}}\)|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

Spike|hCoV-19/USA/UT-UPHL-2012955404/2020|2020-08-10|EPI_ISL_745914|Original|hCoV-19\(^{\text{Utah}}\)|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

Spike|hCoV-19/Australia/VIC288/2020|2020-03-22|EPI_ISL_477929|Original|hCoV-19\(^{\text{Victoria}}\)|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultze|Australia

Spike|hCoV-19/USA/TX-HMH-4785/2020|2020-06-22|EPI_ISL_544327|Original|hCoV-19\(^{\text{Texas}}\)|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19/England/MI-LK-B3AD83/2020|2020-11-01|EPI_ISL_679729|Original|hCoV-19\(^{\text{England}}\)|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) consortium|Golubchik|United Kingdom

Spike|hCoV-19/England/MI-LK-B3CC84/2020|2020-11-01|EPI_ISL_679826|Original|hCoV-19\(^{\text{England}}\)|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-4799/2020|2020-09-21|EPI_ISL_621409|Original|hCoV-19
^Texas|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/England/CAMB-1B0754/2020|2020-05-07|EPI_ISL_452918|Original|hCoV-19
^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spike|hCoV-19/Ireland/WD-NVRL-MPB73322/2020|2020-04-10|EPI_ISL_767831|Original|hCoV-19
^Waterford|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland
>Spike|hCoV-19/USA/TX-HMH-MCoV-15054/2020|2020-10-16|EPI_ISL_786538|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/ALDP-AA47B4/2020|2020-10-21|EPI_ISL_624241|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-B6399C/2020|2020-11-06|EPI_ISL_656563|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/CA-ALSR-3190/2020|2020-06-03|EPI_ISL_635906|Original|hCoV-19
^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/USA/TX-HMH-MCoV-18121/2020|2020-11-17|EPI_ISL_784469|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/TX-HMH-MCoV-11109/2020|2020-09-01|EPI_ISL_789706|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/France/PAC-IHU-0479/2020|2020-04-03|EPI ISL 569539|Original|hCoV-19
^Provence-Alpes-Côtes-du-Rhône|Human|MMPH|MEPHI|MMPH|Levasseur|France
>Spike|hCoV-19/England/ALDP-9ED01F/2020|2020-05-05|EPI ISL_589286|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/20184129604/2020|2020-04-29|EPI ISL_465460|Original|hCoV-19
^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/Australia/VIC4550/2020|2020-07-16|EPI ISL_518941|Original|hCoV-19
^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PLH)|MDU-PLH|Schultz|Australia
>Spike|hCoV-19/Canada/BC-BCCDC-8625/2020|2020-11-00|EPI ISL_740857|Original|hCoV-19
^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada
>Spike|hCoV-19/England/ALDP-BBA107/2020|2020-11-20|EPI ISL_702011|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH0395/2020|2020-04-01|EPI ISL_434982|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/UT-UPHL-2009314/2020|2020-05-17|EPI ISL_524919|Original|hCoV-19
^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/England/OXON-F4067C/2020|2020-12-08|EPI ISL_764533|Original|hCoV-19
^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Goldbuchik|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-14876/2020|2020-10-14|EPI ISL_786360|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/QUEUH-9FFBBBF/2020|2020-10-02|EPI ISL_600377|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH68/2020|2020-05-24|EPI ISL_513022|Original|hCoV-19
^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia
>Spike|hCoV-19/USA/TX-HMH-479/2020|2020-04-06|EPI ISL_544332|Original|hCoV-19
^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Scotland/1EUK-AD4AA3/2020|2020-10-27|EPI_ISL_643996|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spoke|hCoV-19/Denmark/DCGC-11186/2020|2020-11-02|EPI_ISL_670442|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelelsen|Denmark

>Spoke|hCoV-19/England/MILK-B390E5/2020|2020-11-02|EPI_ISL_650638|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spoke|hCoV-19/USA/WI-UK-2098/2020|2020-10-30|EPI_ISL_677503|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spoke|hCoV-19/USA/UT-UPHL-2009541/2020|2020-07-19|EPI_ISL_605221|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spoke|hCoV-19/England/CAMB-7B2CE/2020|2020-04-26|EPI_ISL_438745|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spoke|hCoV-19/Japan/PG-1207/2020|2020-04-00|EPI_ISL_684817|Original|hCoV-19^^Japan|Human|Yamagata Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spoke|hCoV-19/Spain/RI-IBV-99010925/2020|2020-03-26|EPI_ISL_732764|Original|hCoV-19^^Spain|Human|Centro de Investigaci\n\u00f3n Biomedica de La Rioja | Hospital San Pedro Logro\n\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spoke|hCoV-19/England/CAMB-7B2CE/2020|2020-04-12|EPI_ISL_433938|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spoke|hCoV-19/England/ALDP-B772C7/2020|2020-11-12|EPI_ISL_664347|Original|hCoV-19^^England|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alkhann|United Kingdom

>Spoke|hCoV-19/Scotland/CVR2561/2020|2020-04-16|EPI_ISL_477969|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spoke|hCoV-19/Denmark/DCGC-2720/2020|2020-08-17|EPI_ISL_616465|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelelsen|Denmark

>Spoke|hCoV-19/Luxembourg/LNS7322663/2020|2020-11-14|EPI_ISL_744552|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spoke|hCoV-19/USA/AZ-TG602470/2020|2020-07-17|EPI_ISL_695655|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spoke|hCoV-19/England/QUEH-535B93/2020|2020-05-18|EPI_ISL_532259|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spoke|hCoV-19/Japan/PG-0835/2020|2020-04-00|EPI_ISL_684445|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spoke|hCoV-19/England/NOTT-11428A/2020|2020-10-05|EPI_ISL_577154|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spoke|hCoV-19/Canada/QC-LSPQ-L00230189/2020|2020-03-21|EPI_ISL_535912|Original|hCoV-19^^Quebec|Human|H\u00e9pu\00e9|Mercier|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spoke|hCoV-19/Denmark/DCGC-2512/2020|2020-08-10|EPI_ISL_617784|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelelsen|Denmark

>Spoke|hCoV-19/England/MILK-ABC054/2020|2020-10-21|EPI_ISL_631106|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC128/2020|2020-03-20|EPI_ISL_419730|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia
>Spike|hCoV-19/England/QEUV-A9677/2020|2020-10-20|EPI_ISL_611292|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-AA11AA/2020|2020-10-21|EPI_ISL_625137|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/AZ-TG366701/2020|2020-06-01|EPI_ISL_694465|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA
>Spike|hCoV-19/Japan/PG-5831/2020|2020-08-00|EPI_ISL_688948|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/PORT-2E389/2020|2020-06-19|EPI_ISL_665472|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike|hCoV-19/Israel/990300860/2020|2020-04-02|EPI_ISL_447264|Original|hCoV-19^^South Coast District|Human|Microbiology laboratory|Ster Lab|Miller|Israel
>Spike|hCoV-19/Wales/PHWC-49C982/2020|2020-11-19|EPI_ISL_742623|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/FI-BPHEL-0525/2020|2020-06-19|EPI_ISL_508728|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/Australia/VIC476/2020|2020-03-28|EPI_ISL_426908|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia
>Spike|hCoV-19/England/CAMC-A80DE9/2020|2020-10-14|EPI_ISL_610714|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Chile/Region Metropolitana de Santiago/RM-CMM-LAE7918/2020|2020-07-28|EPI_ISL_591527|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Medicina Norte U Chile - Servicio Medico Legal|Center for Mathematical Modeling and Center for Genome Regulation. Santiago|Palma Vu00e9jares|Chile
>Spike|hCoV-19/USA/CT-UW-3127/2020|2020-03-27|EPI_ISL_485942|Original|hCoV-19^^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/England/ALDP-A86FIA/2020|2020-10-17|EPI_ISL_605947|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-16EB77/2020|2020-10-06|EPI_ISL_585828|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Hong Kong/HKPU-1166/2020|2020-06-23|EPI_ISL_610211|Original|hCoV-19^^Hong Kong|Human|Department of Health Technology and Informatics|Department of Health Technology and Informatics|Leung|China
>Spike|hCoV-19/India/TN-NCDC-2514/2020|2020-03-31|EPI_ISL_436416|Original|hCoV-19^^Tamil Nadu|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India
>Spike|hCoV-19/Switzerland/ZH-ETHZ-180024/2020|2020-06-29|EPI_ISL_489971|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/Australia/NWS01/2020|2020-01-24|EPI_ISL_407893|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Laboratory Services|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Eden|Australia
>Spike|hCoV-19/USA/LA-GBC0-26159765/2020|2020-04-11|EPI_ISL_485015|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA
>Spike|hCoV-19/South Korea/KCDC2555/2020|2020-06-24|EPI_ISL_514958|Original|hCoV-19
^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea
>Spik|hCoV-19/Denmark/DCGC-18591/2020|2020-12-07|EPI_ISL_750066|Original|hCoV-19
^Novedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelen|Denmark
>Spik|hCoV-19/Australia/VIC15412/2020|2020-07-31|EPI_ISL_593293|Original|hCoV-19
^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spik|hCoV-19/England/CAMB-7A010/2020|2020-04-02|EPI_ISL_441324|Original|hCoV-19
^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spik|hCoV-19/USA/FL-BPHL-0129/2020|2020-04-10|EPI_ISL_450863|Original|hCoV-19
^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spik|hCoV-19/England/QEUH-B2F6A4/2020|2020-11-04|EPI_ISL_659777|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/England/EXET-13A734/2020|2020-11-10|EPI_ISL_664296|Original|hCoV-19
^England|Human|University of Exeter COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spik|hCoV-19/Wales/PHWC-4A10FE/2020|2020-11-24|EPI_ISL_743622|Original|hCoV-19
^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik|hCoV-19/England/CAMB-71DA9/2020|2020-03-31|EPI_ISL_438391|Original|hCoV-19
^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spik|hCoV-19/England/QEUH-B11D46/2020|2020-11-02|EPI_ISL_642414|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/England/MILK-ACC90B/2020|2020-10-21|EPI_ISL_634327|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/USA/FL-BPHL-0671/2020|2020-03-24|EPI_ISL_509729|Original|hCoV-19
^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spik|hCoV-19/Japan/PG-7574/2020|2020-07-00|EPI_ISL_686676|Original|hCoV-19
^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spik|hCoV-19/USA/MI-MDHHS-SC21188/2020|2020-07-06|EPI_ISL_507445|Original|hCoV-19
^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spik|hCoV-19/Japan/PG-3412/2020|2020-04-00|EPI_ISL_691526|Original|hCoV-19
^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spik|hCoV-19/England/CAMC-A40F49/2020|2020-10-06|EPI_ISL_609475|Original|hCoV-19
^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/MILK-9581A3/2020|2020-06-09|EPI_ISL_554744|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Wales/PHWC-3561F/2020|2020-04-24|EPI_ISL_474454|Original|hCoV-19
^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik|hCoV-19/England/ALDP-B465F5/2020|2020-11-07|EPI_ISL_656242|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/Australia/VIC6238/2020|2020-07-24|EPI_ISL_518232|Original|hCoV-19
^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spik|hCoV-19/England/MILK-ACC90B/2020|2020-10-21|EPI_ISL_754744|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/England/MILK-9581A3/2020|2020-06-09|EPI_ISL_554744|Original|hCoV-19
^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/Wales/PHWC-3561F/2020|2020-04-24|EPI_ISL_474454|Original|hCoV-19
^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik|hCoV-19/England/ALDP-B465F5/2020|2020-11-07|EPI_ISL_656242|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spik|hCoV-19/Australia/VIC6238/2020|2020-07-24|EPI_ISL_518232|Original|hCoV-19
^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19|England/CAMB-7F95C/2020|2020-04-09|EPI_ISL_470445|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Denmark/DGCC-9641/2020|2020-11-09|EPI_ISL_668513|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albersen Lab|Michaelsen|Denmark
> Spike|hCoV-19|USA/FL-BPHL-1077/2020|2020-04-26|EPI_ISL_526563|Original|hCoV-19^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
> Spike|hCoV-19|Denmark/DGCC-13787/2020|2020-11-30|EPI_ISL_713025|Original|hCoV-19^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albersen Lab|Michaelsen|Denmark
> Spike|hCoV-19|Belgium/ULG-10377/2020|2020-08-07|EPI_ISL_540544|Original|hCoV-19^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
> Spike|hCoV-19|Japan/PG-0084/2020|2020-03-04|EPI_ISL_479834|Original|hCoV-19^Hokkaido|Human|Sapporo City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
> Spike|hCoV-19|Norway/4100/2020|2020-10-05|EPI_ISL_635128|Original|hCoV-19^Vestland|Human|Haukeland University Hospital|Norwegian Institute of Public Health|Vollan|Norway
> Spike|hCoV-19|USA/SC-DHEC-0699/2020|2020-06-23|EPI_ISL_529105|Original|hCoV-19^South Carolina|Human|Microbiology Division|Microbiology Division|Flores,H.|USA
> Spike|hCoV-19|England/QEUH-9F8415/2020|2020-09-27|EPI_ISL_595738|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
> Spike|hCoV-19|Denmark/ALAB-SS1-691/2020|2020-03-27|EPI_ISL_437041|Original|hCoV-19^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albersen lab|Kirkegaard|Denmark
> Spike|hCoV-19|Japan/PG-2849/2020|2020-05-00|EPI_ISL_690975|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
> Spike|hCoV-19|Wales/PHWC-490BB5/2020|2020-11-15|EPI_ISL_704095|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
> Spike|hCoV-19|Wuhan/HB-WH2-149/2020|2020-02-21|EPI_ISL_454921|Original|hCoV-19^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China
> Spike|hCoV-19|Scotland/QEUH-9CF480/2020|2020-09-17|EPI_ISL_602002|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|New Zealand/20CV0215/2020|2020-08-31|EPI_ISL_548063|Original|hCoV-19^Auckland|Human|North Shore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
> Spike|hCoV-19|USA/MI-UM-10036690353/2020|2020-10-29|EPI_ISL_682082|Original|hCoV-19^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
> Spike|hCoV-19|Denmark/DGCC-20384/2020|2020-12-21|EPI_ISL_758840|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albersen lab|Michaelsen|Denmark
> Spike|hCoV-19|Denmark/DGCC-14565/2020|2020-11-30|EPI_ISL_711294|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albersen Lab|Michaelsen|Denmark
> Spike|hCoV-19|Switzerland/ZH-UZH-MV5/2020|2020-03-11|EPI_ISL_590827|Vero P2|hCoV-19^Zurich|Human|Institute of Medical Virology|Institute of Medical Virology|Rufner|Switzerland
> Spike|hCoV-19|Scotland/CVR3477/2020|2020-05-11|EPI_ISL_456870|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
> Spike|hCoV-19|USA/UT-UPHL-201009564/2020|2020-06-24|EPI_ISL_602955|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19|Denmark/DCGC-17261/2020|2020-12-14|EPI_ISL_750862|Original|hCoV-19^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaellsen|Denmark
>Spike|hCoV-19|England/NOTT-115A27/2020|2020-10-16|EPI_ISL_595280|Original|hCoV-19^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19|England/NORT-281FCC/2020|2020-03-25|EPI_ISL_488471|Original|hCoV-19^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/TX-HMH-6979/2020|2020-06-28|EPI_ISL_546404|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19|England/Pt1168/2020|2020-04-05|EPI_ISL_511714|Original|hCoV-19^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal
>Spike|hCoV-19|Wales/PHWC-487832/2020|2020-10-29|EPI_ISL_639246|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19|Wales/PHWC-4919BA/2020|2020-11-09|EPI_ISL_706721|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19|USA/ME-HETL-J0274/2020|2020-10-02|EPI_ISL_755420|Original|hCoV-19^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA
>Spike|hCoV-19|England/CAMC-B97FAC/2020|2020-11-15|EPI_ISL_674883|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/CA-ALSR-1544/2020|2020-05-06|EPI_ISL_494653|Original|hCoV-19^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19|England/BRIS-1308E0/2020|2020-04-13|EPI_ISL_492655|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Denmark/DCGC-10607/2020|2020-11-02|EPI_ISL_670083|Original|hCoV-19^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaellsen|Denmark
>Spike|hCoV-19|England/ALDP-AA2B05/2020|2020-10-22|EPI_ISL_624123|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19|Wales/PHWC-16393C/2020|2020-04-30|EPI_ISL_474017|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spoke|hCoV-19|Wales/QEUH-A3392D/2020|2020-10-05|EPI_ISL_628415|Original|hCoV-19^Wales|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spoke|hCoV-19|USA/TX-HMH-MCoV-12626/2020|2020-08-31|EPI_ISL_789836|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spoke|hCoV-19/Scotland/EDB7769/2020|2020-09-15|EPI_ISL_559982|Original|hCoV-19^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spoke|hCoV-19/England/ALDP-9E96D5/2020|2020-09-24|EPI_ISL_584236|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spoke|hCoV-19/France/PAC-IHU-0949/2020|2020-07-08|EPI_ISL_569003|Original|hCoV-19^Provence-Alpes-Côte-d'Azur/Human|MEPHI/MEPHI|Levasseur|France
>Spoke|hCoV-19/England/ALDP-9C545D/2020|2020-09-10|EPI_ISL_567836|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spoke|hCoV-19/USA/TX-HMH-MCoV-13009/2020|2020-08-28|EPI_ISL_788160|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Italy/APU-POLBA02/2020|2020-03-21|EPI_ISL_735505|Original|hCoV-19^^Apulia|Human|University of Bari Biomedical Sciences and Human Oncology|University of Bari Biomedical Sciences and Human Oncology|Chironna|Italy
>Spake|hCoV-19/England/204620604/2020|2020-11-09|EPI_ISL_700623|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spake|hCoV-19/Australia/NSW256/2020|2020-03-14|EPI_ISL_451521|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spake|hCoV-19/USA/CA-CZB-2546/2020|2020-05-07|EPI_ISL_513908|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA
>Spake|hCoV-19/Wales/ALDP-CB5A6A/2020|2020-12-18|EPI_ISL_761745|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spake|hCoV-19/England/CAMC-9929/2020|2020-11-09|EPI_ISL_668551|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spake|hCoV-19/England/CA-CZB-1131/2020|2020-03-31|EPI_ISL_445179|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA
>Spake|hCoV-19/USA/WA-S71/2020|2020-03-05|EPI_ISL_417124|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
>Spake|hCoV-19/England/MILK-C4PDB7/2020|2020-12-11|EPI_ISL_769767|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spake|hCoV-19/Wales/PHWC-16F29F/2020|2020-10-05|EPI_ISL_585939|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing Lab|COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spake|hCoV-19/Spain/AS-IBV-98006611/2020|2020-03-13|EPI_ISL_654654|Original|hCoV-19^^Asturias|Human|Servicio de Microbiologia\u00eda|SeqCOVID-SPAIN consortium|IBV(CSC) |Comas|Spain
>Spake|hCoV-19/Hong Kong/VM20095801/2020|2020-08-02|EPI_ISL_602618|Original|hCoV-19^^Hong Kong|Human|Queen Mary Hospital|Hong Kong Department of Health|Mak|China
>Spake|hCoV-19/England/CAMC-94BE51/2020|2020-07-22|EPI_ISL_556657|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spake|hCoV-19/USA/TX-DHS5-0135/2020|2020-06-11|EPI_ISL_522962|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spake|hCoV-19/Colombia/DC-INS-01-14/2020|2020-07-13|EPI_ISL_526973|Original|hCoV-19^^Bogota|Human|Instituto Nacional de Salud|Instituto Nacional de Salud|Franco-Mu\u00f1oz|Colombia
>Spake|hCoV-19/Singapore/770/2020|2020-07-16|EPI_ISL_509380|Original|hCoV-19^^Singapore|Human|Singapore General Hospital|Department of Microbiology|Abdul Rahman|Singapore
>Spike|hCoV-19/England/OXON-AF865/2020|2020-00-00|EPI_ISL_478778|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK)
Consortium|Golubchik|United Kingdom

>Spa|CoV-2/England/OXON-AO0538/2020|2020-00-00|EPI_ISL_584985|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK)
Consortium|Golubchik|United Kingdom

>Spa|CoV-2/England/OXON-F4OF9F/2020|2020-00-00|EPI_ISL_764250|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK)
Consortium|Golubchik|United Kingdom

>Spa|CoV-2/England/OXON-49B66E/2020|2020-00-00|EPI_ISL_646946|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)
Consortium|Golubchik|United Kingdom

>Spa|CoV-2/England/OXON-5548/2020|2020-00-00|EPI_ISL_755287|Original|hCoV-19^^England|Human|San Diego County Public Health Laboratory|Andersen lab|Michaelsen|Denmark

>Spa|CoV-2/England/OXON-7027/2020|2020-00-00|EPI_ISL_546446|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spa|CoV-2/England/OXON-14919/2020|2020-00-00|EPI_ISL_786403|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spa|CoV-2/England/LIVE-A02DF/2020|2020-00-00|EPI_ISL_472100|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK)
Consortium|Platt|United Kingdom

>Spa|CoV-2/England/MILK-9C40B4/2020|2020-00-00|EPI_ISL_566860|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)
Consortium|Davies|United Kingdom

>Spa|CoV-2/England/NORT-29412A/2020|2020-00-00|EPI_ISL_573336|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust/COVID-19 Genomics UK (COG-UK)
Consortium|Bashston|United Kingdom

>Spa|CoV-2/England/ALDP-B239F2/2020|2020-00-00|EPI_ISL_646946|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spa|CoV-2/England/ALDP-TX-HHH-7027/2020|2020-00-00|EPI_ISL_546446|Original|hCoV-19^^Vienna|Human|Austrian Agency for Health and Food Safety (AGES)|Bergthaler laboratory|Bergthaler|Austria

>Spa|CoV-2/England/ALDP-TX-HHH-MCoV-14919/2020|2020-00-00|EPI_ISL_786403|Original|hCoV-19^^France|Human|Pathogen Genomics Center |Pathogen Genomics Center |Sekizuka|Japan

>Spa|CoV-2/England/LIVE-A02DF/2020|2020-00-00|EPI_ISL_472100|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK)
Consortium|Platt|United Kingdom

>Spa|CoV-2/Scotland/QEUH-A226FD/2020|2020-00-00|EPI_ISL_599042|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)
Consortium|Davies|United Kingdom
>Spike|hCoV-19/Bangladesh/NGRI-NSTU-21/2020|2020-07-20|EPI_ISL_514615|Original|hCoV-19^^Chittagong|Human|NSTU COVID-19 Diagnostic Center|NSU Genome Research Institute (NGRI)|Hossain|Bangladesh
>Spik|hCoV-19/England/QEUH-96032A/2020|2020-08-04|EPI_ISL_532097|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Lee|United Kingdom
>Shpe|hCoV-19/Scotland/QEUH-C14841/2020|2020-12-06|EPI_ISL_710681|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Lee|United Kingdom
>Spie|hCoV-19/USA/TX-HMH-MCoV-14266/2020|2020-10-06|EPI_ISL_787551|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Shpe|hCoV-19/Hong Kong/VM20003434/2020|2020-03-14|EPI_ISL_463310|Original|hCoV-19^^Hong Kong|Human|Tseung Kwan O Hospital|Hong Kong Department of Health|Mak|China
>Spie|hCoV-19/Australia/WA216/2020|2020-03-28|EPI_ISL_596779|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia
>Spie|hCoV-19/USA/CO-CDPHE-2100015923/2020|2020-11-20|EPI_ISL_771319|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Puplic Health and Environment|Bankers|USA
>Spie|hCoV-19/England/204682076/2020|2020-11-11|EPI_ISL_693420|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) consortium|Platt|United Kingdom
>Spie|hCoV-19/Australia/VIC4100/2020|2020-07-14|EPI_ISL_519481|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spie|hCoV-19/England/ALDP-C3A1FF/2020|2020-12-09|EPI_ISL_731359|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spie|hCoV-19/USA/UT-08377/2020|2020-05-26|EPI_ISL_524160|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spie|hCoV-19/England/CAMB-12B75B/2020|2020-05-21|EPI_ISL_456728|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) consortium|Meredith|United Kingdom
>Spie|hCoV-19/Denmark/DGCC-22263/2020|2020-12-14|EPI_ISL_757974|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spie|hCoV-19/Germany/BE-ChVir-W1433-8258/2020|2020-06-17|EPI_ISL_753965|Original|hCoV-19^^Berlin|Human|Charit\u00e9|Charit\u00e9\u00e4tsmedizin Berlin|Charit\u00e9\u00e4tsmedizin Berlin|Muehlemann|Germany
>Spie|hCoV-19/USA/UT-UPHIL-2012579514/2020|2020-08-11|EPI_ISL_745666|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA
>Spie|hCoV-19/USA/UT-067247/2020|2020-08-22|EPI_ISL_710681|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spie|hCoV-19/Australia/VIC6120/2020|2020-07-22|EPI_ISL_518138|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spie|hCoV-19/Australia/VIC12765/2020|2020-07-27|EPI_ISL_592076|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spie|hCoV-19/Denmark/DGCC-21219/2020|2020-12-21|EPI_ISL_758817|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spie|hCoV-19/USA/TS-HMH-MCoV-17965/2020|2020-11-16|EPI_ISL_786113|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spie|hCoV-19/USA/SA-S2619/2020|2020-06-19|EPI_ISL_497251|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spie|hCoV-19/England/ALDP-94FFA5/2020|2020-06-15|EPI_ISL_555217|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Lee|United Kingdom
>Spike|hCoV-19/Finland/16M18/2020|2020-03-16|EPI_ISL_481569|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland
>Sp}|hCoV-19/USA/AM-UNM-00336/2020|2020-05-08|EPI_ISL_507991|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory Division|Center for Global Health|Domman|USA
>Sp}|hCoV-19/Denmark/DGCC-8842/2020|2020-10-26|EPI_ISL_625707|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Sp}|hCoV-19/Scotland/CVR5545/2020|2020-10-26|EPI_ISL_651832|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Sp}|hCoV-19/England/QEUH-C93B05/2020|2020-12-17|EPI_ISL_777630|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Sp}|hCoV-19/England/ALDP-940736/2020|2020-06-14|EPI_ISL_555026|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|McHugh|United Kingdom
>Sp}|hCoV-19/USA/TX-HMH-1226/2020|2020-04-23|EPI_ISL_542593|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Sp}|hCoV-19/England/MILK-B5A35E/2020|2020-11-06|EPI_ISL_568146|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Sp}|hCoV-19/Scotland/EDBB5659/2020|2020-10-20|EPI_ISL_651961|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
>Sp}|hCoV-19/England/QEUH-AE2E3D/2020|2020-10-23|EPI_ISL_633658|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp}|hCoV-19/Wales/PWHC-481953/2020|2020-10-18|EPI_ISL_613127|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Sp}|hCoV-19/England/QEUH-A00710/2020|2020-09-30|EPI_ISL_600266|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp}|hCoV-19/Cote d'Ivoire/BKE0862/2020|2020-08-12|EPI_ISL_614386|Original|hCoV-19^^Boaunk\u00e9|Human|Molecular diagnostic unit for viral haemorrhagic fevers and emerging viruses|Project group Epidemiology of Highly Pathogenic Microorganisms|Calvignac-Spencer|C\u00f4te d'Ivoire
>Sp}|hCoV-19/England/CAMC-A64844/2020|2020-10-10|EPI_ISL_609118|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp}|hCoV-19/Australia/VIC4017/2020|2020-07-10|EPI_ISL_519403|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Sp}|hCoV-19/USA/TX-HMH-MCoV-8669/2020|2020-07-01|EPI_ISL_780689|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Sp}|hCoV-19/England/NORT-2898BA/2020|2020-04-01|EPI_ISL_458675|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Sp}|hCoV-19/Australia/VIC7925/2020|2020-08-07|EPI_ISL_564747|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Sp}|hCoV-19/Wales/PWHC-488BB0/2020|2020-11-03|EPI_ISL_639476|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Sp}|hCoV-19/England/MILK-9E10EE/2020|2020-09-20|EPI_ISL_580903|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|India|TG-CDFD-C3159|2020|2020-06-20|EPI_ISL_528592|Original|hCoV-19^Telangana|Human|National Genomics Core Center for DNA Fingerprinting and Diagnostics|National Genomics Core Center for DNA Fingerprinting and Diagnostics (NGC-CDFD)- DTB’s PAN-INDIA-1000 Genome consortium|Vashisth|India
Spike|hCoV-19|Australia|VIC4649|2020|2020-07-13|EPI_ISL_519040|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
Spike|hCoV-19|England|QEUH-B3FF4C|2020|2020-11-08|EPI_ISL_657030|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Amato|United Kingdom
Spike|hCoV-19|USA|AZ-TG532112|2020|2020-07-01|EPI_ISL_695419|Original|hCoV-19^Arizona|Human|AZ SPHL|Genomics Core UK (HC-UK) consortium|Garfin|USA
Spike|hCoV-19|England|CAMB-82482|2020|2020-04-14|EPI_ISL_443450|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
Spike|hCoV-19|England|QEUH-AAE6DB|2020|2020-10-22|EPI_ISL_630941|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
Spike|hCoV-19|USA|WI-UW-1695|2020|2020-09-11|EPI_ISL_605568|Original|hCoV-19^Wisconsin|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczzenas|USA
Spike|hCoV-19|Northern Ireland|NIRE-101F6B|2020|2020-03-23|EPI_ISL_441359|Original|hCoV-19^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19|Spain|MD-IBV-9900881|2020|2020-09-21|EPI_ISL_654160|Original|hCoV-19^Madrid|Human|Hospital General Universitario Gregorio Marañón|Sequencing platform|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
Spike|hCoV-19|Wales|PHWC-15DC4B|2020|2020-05-13|EPI_ISL_472767|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
Spike|hCoV-19|England|QEUH-BA015F|2020|2020-11-18|EPI_ISL_719620|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|USA|MN-MDH-1636|2020|2020-05-08|EPI_ISL_539830|Original|hCoV-19^Minnesota|Human|Minnesota Department of Health|California Department of Health|Garfin|USA
Spike|hCoV-19|USA|WA13-UW9|2020|2020-03-02|EPI_ISL_413601|Original|hCoV-19^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
Spike|hCoV-19|Netherlands|NA_688|2020|2020-03-30|EPI_ISL_461123|Original|hCoV-19^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
Spike|hCoV-19|England|CAMB-84857|2020|2020-03-04|EPI_ISL_440500|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
Spike|hCoV-19|England|LOND-124C7B3|2020|2020-00-00|EPI_ISL_490431|Original|hCoV-19^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom
Spike|hCoV-19|England|LCST-24D68F2|2020|2020-06-01|EPI_ISL_478311|Original|hCoV-19^England|Human|University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
Spike|hCoV-19|Hungary|UD-94381|2020|2020-10-08|EPI_ISL_678394|Original|hCoV-19^Borsod-Aba\u00faa|Zemplén\u00e9ml\u00eaE9n county|Human|University of Debrecen|National Laboratory of Virology|Kemenesi|Hungary
Spike|hCoV-19|Netherlands|ZH-EMC-1028|2020|2020-11-25|EPI_ISL_722281|Original|hCoV-19^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19|England/LIVE-1D3463/2020|2020-08-29|EPI_ISL_540584|Original|hCoV-19|^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spitc|hCoV-19|England/QEUH-B141DE/2020|2020-11-03|EPI_ISL_641737|Original|hCoV-19|^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spitc|hCoV-19|England/LIVE-1DD95B/2020|2020-09-27|EPI ISL 612436|Original|hCoV-19|^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spitc|hCoV-19|England/ALDP-9B5766/2020|2020-08-28|EPI ISL 590250|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spitc|hCoV-19|England/ALDP-A2P02F/2020|2020-10-05|EPI ISL 587100|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spitc|hCoV-19|England/ALDP-C3BC84/2020|2020-12-11|EPI ISL 731676|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spitc|hCoV-19|USA/MI-UM-10036055944/2020|2020-09-21|EPI ISL 583414|Original|hCoV-19|^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spitc|hCoV-19|Egypt/CUNCI-HGC009/2020|2020-05-02|EPI ISL 468053|Original|hCoV-19|^Egypt|Human|Egyptian National Cancer Institute (ENCI)|Egyptian National Cancer Institute (ENCI)|Zekri|Egypt

>Spitc|hCoV-19|Denmark/DGCC-2465/2020|2020-08-03|EPI ISL 617426|Original|hCoV-19|^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spitc|hCoV-19|USA/MI-UM-10036836150/2020|2020-11-07|EPI ISL 728444|Original|hCoV-19|^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spitc|hCoV-19|Germany/NW-HHU-215/2020|2020-04-17|EPI ISL 626214|Original|hCoV-19|^North Rhine-Westphalia|Human|Institute for Virology|Center of Medical Microbiology|Wienemann|Germany

>Spitc|hCoV-19|Canada/ON-S1987/2020|2020-11-24|EPI ISL 755700|Original|hCoV-19|^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spitc|hCoV-19|Wales/PHMC-48021D/2020|2020-10-19|EPI ISL 612864|Original|hCoV-19|^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spitc|hCoV-19|England/CAMC-B22841/2020|2020-11-02|EPI ISL 647372|Original|hCoV-19|^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spitc|hCoV-19|England/ALDP-9ED2FB/2020|2020-05-05|EPI ISL 589382|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spitc|hCoV-19|Australia/VIC528/2020|2020-03-24|EPI ISL 426794|Original|hCoV-19|^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spitc|hCoV-19|England/ALDP-94CE6F/2020|2020-06-15|EPI ISL 556030|Original|hCoV-19|^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spitc|hCoV-19|USA/CA-SEARCH-5394/2020|2020-12-02|EPI ISL 755205|Original|hCoV-19|^California|Human|UCSD EXCITE lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spitc|hCoV-19|Japan/PG-3151/2020|2020-06-00|EPI ISL 691271|Original|hCoV-19|^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spitc|hCoV-19|Switzerland/BE-BTH2-260147/2020|2020-08-25|EPI ISL 539443|Original|hCoV-19|^Bern|Human|Vioillier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/England/CAMC-B3317F/2020|2020-11-05|EPI_ISL_659293|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

> Spike|hCoV-19/USA/NY-NYUMC270/2020|2020-04-06|EPI_ISL_428784|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

> Spike|hCoV-19/India/HR-TF15/2020|2020-06-17|EPI_ISL_508494|Original|hCoV-19^^Haryana|Human|Translational Health Science and Technology Institute|National Institute of Biomedical Genomics|Maitra|India

> Spike|hCoV-19/England/MILK-B59A69/2020|2020-11-04|EPI_ISL_679903|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

> Spike|hCoV-19/India/OR-ILSCV16631/2020|2020-05-12|EPI_ISL_463053|Original|hCoV-19^^Odisha|Human|Institute of Life Sciences|Immunogenomics lab|Raghav|India

> Spike|hCoV-19/Indonesia/BT-SHSIU-01-3610/2020|2020-10-04|EPI_ISL_707692|Original|hCoV-19^^Banten|Human|Medical Research Center|Medical Research Center|Adhiyanto|Indonesia

> Spike|hCoV-19/Luxembourg/LNS5734017/2020|2020-11-14|EPI_ISL_744287|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de santé|Laboratoire national de santé|Wienecke-Baldacchino|Luxembourg

> Spike|hCoV-19/Egypt/CUNCI-HGC3I07/2020|2020-06-02|EPI_ISL_479689|Original|hCoV-19^^Egypt|Human|Egyptian National Cancer Institute (ENCI)|Egyptian National Cancer Institute (ENCI)|Zekri|Egypt

> Spike|hCoV-19/Scotland/ALDP-A2F599/2020|2020-10-05|EPI_ISL_587072|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/England/ALDP-BBA41D/2020|2020-11-21|EPI_ISL_701860|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/Scotland/EDB578/2020|2020-04-01|EPI_ISL_433202|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

> Spike|hCoV-19/Denmark/DGCC-1743/2020|2020-03-30|EPI_ISL_615405|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Micaelsen|Denmark

> Spike|hCoV-19/USA/WI-UW-736/2020|2020-07-02|EPI_ISL_491411|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

> Spike|hCoV-19/England/QEUH-AD12DB/2020|2020-10-26|EPI_ISL_633782|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/Japan/PG-6767/2020|2020-08-00|EPI_ISL_687877|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikizuka|Japan

> Spike|hCoV-19/England/MILK-992ED3/2020|2020-08-26|EPI_ISL_551954|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/Scotland/EDB578/2020|2020-04-01|EPI_ISL_433202|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/England/ALDP-C3C98C/2020|2020-12-10|EPI_ISL_731201|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

> Spike|hCoV-19/Wales/PHMC-16A2C1/2020|2020-09-04|EPI_ISL_535228|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

> Spike|hCoV-19/USA/TX-HMH-MCoV-10473/2020|2020-07-08|EPI_ISL_789490|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

> Spike|hCoV-19/USA/FL-BPHL-0964/2020|2020-07-08|EPI_ISL_517854|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/Australia/VIC14013/2020|2020-07-23|EPI_ISL_563928|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Belgium/ULG-11010/2020|2020-11-15|EPI_ISL_707769|Original|hCoV-19^^Li|u01920e8|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Wales/PHWC-483B1F/2020|2020-10-24|EPI_ISL_627896|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BIRM-6AD49/2020|2020-11-13|EPI_ISL_679112|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Spain/IVB-005137/2020|2020-06-12|EPI_ISL_509633|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/LA-EVTL258/2020|2020-08-22|EPI_ISL_574392|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/WA-UW-11270/2020|2020-06-20|EPI_ISL_570383|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DDC-15200/2020|2020-11-23|EPI_ISL_713689|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelesen|Denmark

>Spike|hCoV-19/England/EXET-13DEF0/2020|2020-12-03|EPI_ISL_724299|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spike|hCoV-19/United Arab Emirates/0778/2020|2020-05-19|EPI_ISL_698921|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodkvi|United Arab Emirates
>Spike|hCoV-19/Netherlands/FR-RIVM-20812/2020|2020-12-21|EPI_ISL_790869|Original|hCoV-19^^Friesland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spike|hCoV-19/England/MILK-C60D92/2020|2020-12-13|EPI_ISL_769256|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WA-UW-3985/2020|2020-03-29|EPI_ISL_427226|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab Roychoudhury|USA
>Spike|hCoV-19/Germany/HH-hpi-p1747/2020|2020-03-14|EPI_ISL_776124|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany
>Spike|hCoV-19/England/ALDP-C586FC/2020|2020-12-13|EPI_ISL_736164|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMC-BBC730/2020|2020-11-21|EPI_ISL_724179|Original|hCoV-19^^England|Human|Quadrant Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/USA/WA-S601/2020|2020-03-20|EPI_ISL_438154|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Bedford|USA
>Spike|hCoV-19/England/202320700/2020|2020-06-01|EPI_ISL_566050|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/Netherlands/LI-RIVM-10119/2020|2020-03-23|EPI_ISL_547473|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spike|hCoV-19/USA/NY-QDX-1949/2020|2020-03-15|EPI_ISL_604269|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/USA/TX-HMH-6397/2020|2020-07-05|EPI_ISL_545970|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/ALDP-9C5B2B/2020|2020-09-11|EPI_ISL_567609|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Bermuda/204990922/2020|2020-11-10|EPI_ISL_780392|Original|hCoV-19^^Bermuda|Human|Bermuda Government Molecular Diagnostics Laboratory (MDL)|Respiratory Virus Unit|Platt|Bermuda
>Spike|hCoV-19/England/MILK-B3DC83/2020|2020-11-01|EPI_ISL_706252|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-14143/2020|2020-11-30|EPI_ISL_711102|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/TX-HMH-MCoV-19491/2020|2020-11-30|EPI_ISL_783875|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Argentina/Heritas_HG019/2020|2020-05-22|EPI_ISL_476573|Original|hCoV-19^^Tucuman|Human|Hospital de PediatrCue00edas |Prof. Dr. Juan P Garrahan||H|Yu00e9ritas|Pereyra|Argentina
>Spike|hCoV-19/England/MILK-9C306A/2020|2020-09-07|EPI_ISL_566907|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Nigeria/FC-CV360/2020|2020-07-01|EPI_ISL_730024|Original|hCoV-19^^Abuja|Human|Nigeria Centre for Disease Control (NCDC)|Africa Centre for Excellence for Genomics of Infectious Diseases (ACEGID)|Olunyi|Nigeria
>Spike|hCoV-19/USA/LA-EVTLS25/2020|2020-08-03|EPI_ISL_578929|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spike|hCoV-19|Denmark|DCGC-13072/2020|2020-11-30|EPI_ISL_712101|Original|hCoV-19
    ^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albersen Lab|Michaelsen|Denmark
>Spike|hCoV-19|New Zealand|20VR3209/2020|2020-04-01|EPI_ISL_579494|Original|hCoV-19
    ^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
>Spike|hCoV-19|Australia|VIC9444/2020|2020-08-18|EPI_ISL_565556|Original|hCoV-19
    ^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19|Denmark|DCGC-18508/2020|2020-12-07|EPI_ISL_750010|Original|hCoV-19
    ^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albersen Lab|Michaelsen|Denmark
>Spike|hCoV-19|Australia|VIC3323/2020|2020-07-09|EPI_ISL_521002|Original|hCoV-19
    ^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19|Australia|MN-MDH-2148/2020|2020-11-23|EPI_ISL_708486|Original|hCoV-19
    ^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA
>Spike|hCoV-19|Ecuador|USFQ-201/2020|2020-08-20|EPI_ISL_527815|Original|hCoV-19
    ^Esmeraldas|Human|Institute of Microbiology|Institute of Microbiology|Cardenas|Ecuador
>Spike|hCoV-19|England|MILK-A459FB/2020|2020-10-06|EPI_ISL_598572|Original|hCoV-19
    ^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|Brazil|SC-L16-CD314/2020|2020-03-24|EPI_ISL_476278|Original|hCoV-19
    ^Santa Catarina|Human|DB Diagn\u00f3sticos do Brasil|Instituto de Medicina Tropical da Universidade de S\u00e9o Paulo|Sabino|Brazil
>Spike|hCoV-19|USA/MI-MDHHS-SC20077/2020|2020-03-26|EPI_ISL_437164|Original|hCoV-19
    ^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19|USA/CA-ALSR-4637/2020|2020-10-22|EPI_ISL_667050|Original|hCoV-19
    ^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19|England/EXET-136ED9/2020|2020-04-22|EPI_ISL_471933|Original|hCoV-19
    ^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spike|hCoV-19|England/NORW-220DF2/2020|2020-12-12|EPI_ISL_725096|Original|hCoV-19
    ^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19|England/ALDP-63CCA7/2020|2020-07-04|EPI_ISL_556288|Original|hCoV-19
    ^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|England/MILK-BAF9A3/2020|2020-11-17|EPI_ISL_783071|Original|hCoV-19
    ^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19|Ireland/D-NVRL-20G44517/2020|2020-03-31|EPI_ISL_605066|Original|hCoV-19
    ^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Helixworks|Chalapat|Ireland
>Spike|hCoV-19|India/TG-CCMB-AA713/2020|2020-08-12|EPI_ISL_539734|Original|hCoV-19
    ^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India
>Spike|hCoV-19|Equatorial Guinea/8042/2020|2020-05-14|EPI_ISL_648349|Original|hCoV-19
    ^Bioko Norte|Human|Laboratorio de Investigaciones de Baney|University Hospital Basel|Hosch|Equatorial Guinea
>Spike|hCoV-19|England/QEUH-998F8F/2020|2020-08-24|EPI_ISL_541832|Original|hCoV-19
    ^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19|USA/VA-DCLS-0142/2020|2020-04-17|EPI_ISL_437781|Original|hCoV-19
    ^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spike|hCoV-19/England/EXET-138A79/2020|2020-10-21|EPI_ISL_626946|Original|hCoV-19
^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK)
Consortium|Temperton|United Kingdom

>Spi|e|hCoV-19/Scotland/QEUH-A9DFC5/2020|2020-10-20|EPI_ISL_652673|Original|hCoV-19
^Scotland|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK)
Consortium|Loose|United Kingdom

>Sp|ke|hCoV-19/England/QEUH-A9F691/2020|2020-10-20|EPI_ISL_611483|Original|hCoV-19
^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Sp|ke|hCoV-19/USA/WA-NH9/2020|2020-03-13|EPI_ISL_418778|Original|hCoV-19
^Washington|Human|WA State Department of Health|Pathogen Discovery|Queen|USA

>Sp|ke|hCoV-19/England/QEUH-AOC8A8/2020|2020-10-03|EPI_ISL_599435|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Sp|ke|hCoV-19/England/CAMB-7812E/2020|2020-04-01|EPI_ISL_441149|Original|hCoV-19
^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Sp|ke|hCoV-19/Scotland/QEUH-FAODC/2020|2020-12-10|EPI_ISL_725468|Original|hCoV-19
^Scotland|Human|Department of Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Sp|ke|hCoV-19/USA/CA-CZB-13037/2020|2020-05-14|EPI_ISL_672317|Original|hCoV-19
^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Sp|ke|hCoV-19/England/2019-NORWFAODC/2020|2020-12-10|EPI_ISL_725468|Original|hCoV-19
^England|Human|Department of Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Sp|ke|hCoV-19/USA/ALDP-95C172/2020|2020-06-16|EPI_ISL_554895|Original|hCoV-19
^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England|CAMC-A64B4B|2020|2020-10-11|EPI_ISL_608619|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|Luxembourg|LNS8189784|2020|2020-10-19|EPI_ISL_744700|Original|hCoV-19|Luxembourg|Human|Laboratoire national de sant'eacute;|Laboratoire national de sant'u00e9|Wienecke-Baldacchino|Luxembourg
> Spike|hCoV-19|New Zealand|20CV0572|2020-11-17|EPI_ISL_661258|Original|hCoV-19|Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
> Spike|hCoV-19|USA/NY-NYUMC738|2020|2020-03-22|EPI_ISL_451453|Original|hCoV-19|New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
> Spike|hCoV-19|Luxembourg|LNS5232659|2020|2020-10-27|EPI_ISL_744205|Original|hCoV-19|Luxembourg|Human|Laboratoire national de sant'eacute;|Laboratoire national de sant'u00e9|Wienecke-Baldacchino|Luxembourg
> Spike|hCoV-19|Denmark|DCGC-1500|2020-06-01|EPI_ISL_617984|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelson|Denmark
> Spike|hCoV-19|Spain/MD-IVB-004979|2020-05-14|EPI_ISL_481067|Original|hCoV-19|Madrid|Human|Hospital General Universitario Gregorio Mara\'u00f1|U00f3n|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain
> Spike|hCoV-19|England/MILK-CA9BCC0|2020-12-17|EPI_ISL_762487|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|Australia/VIC13124|2020-07-28|EPI_ISL_641022|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
> Spike|hCoV-19|Belgium/rega-12111393|2020-12-11|EPI_ISL_738445|Original|hCoV-19|Woluwe|Human|UZ Leuven|KU Leuven|Maes|Belgium
> Spike|hCoV-19|USA/TX-HMH-MCoV-9775|2020-07-02|EPI_ISL_780269|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19|Denmark/DCGC-1816|2020-05-11|EPI_ISL_617939|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelson|Denmark
> Spike|hCoV-19|England/ALDP-B76055|2020-11-12|EPI_ISL_723726|Original|hCoV-19|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
> Spike|hCoV-19|England/MILK-BB0550|2020-11-17|EPI_ISL_720093|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19|England/BRIS-128951|2020-04-14|EPI_ISL_458790|Original|hCoV-19|England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England/2017003504|2020-04-19|EPI_ISL_465271|Original|hCoV-19|England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
> Spike|hCoV-19|England/LIVE-AA34B|2020-03-23|EPI_ISL_517439|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
> Spike|hCoV-19|England/QEUEH-9D2FE3|2020-09-18|EPI_ISL_577306|Original|hCoV-19|England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
> Spike|hCoV-19|England/QEUEH-BA41E2|2020-11-18|EPI_ISL_720979|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19|England/OXON-B0755|2020-04-20|EPI_ISL_478905|Original|hCoV-19|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
> Spike|hCoV-19|USA/AZ-TG276460|2020-04-11|EPI_ISL_694103|Original|hCoV-19|Arizona|Human|AZ SPHL|TGen North|French|USA
>Spike|hCoV-19/England/ALDP-94ECCD/2020|2020-06-17|EPI_ISL_556131|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spke|hCoV-19/Australia/VIC3890/2020|2020-07-12|EPI_ISL_520602|Original|hCoV-19|Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spke|hCoV-19/USA/CA-CSMC118/2020|2020-04-05|EPI_ISL_475594|Original|hCoV-19|California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

>Spke|hCoV-19/USA/NY-Wadsworth-287513-01/2020|2020-12-14|EPI_ISL_767466|Original|hCoV-19|New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spke|hCoV-19/South Korea/KDCA0079/2020|2020-09-14|EPI_ISL_747319|Original|hCoV-19|South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spke|hCoV-19/England/CAMB-72B53/2020|2020-03-22|EPI_ISL_440057|Original|hCoV-19|England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spke|hCoV-19/Czech Republic/NRL_9875/2020|2020-10-12|EPI_ISL_626610|Original|hCoV-19|Prague|Human|The National Institute of Public Health|State Veterinary Institute Prague|Nagy|Czech Republic

>Spke|hCoV-19/Denmark/DGCC-6873/2020|2020-10-12|EPI_ISL_619718|Original|hCoV-19|Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spke|hCoV-19/Wales/PHWC-4936B1/2020|2020-11-29|EPI_ISL_725925|Original|hCoV-19|Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spke|hCoV-19/USA/MN-MDH-2181/2020|2020-11-27|EPI_ISL_723132|Original|hCoV-19|Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spke|hCoV-19/Germany/HH-hpi-p1297/2020|2020-03-19|EPI_ISL_775894|Original|hCoV-19|Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spke|hCoV-19/England/ALDP-9EAE45/2020|2020-09-24|EPI_ISL_589786|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spke|hCoV-19/England/QUEUH-9F6EFB/2020|2020-09-27|EPI_ISL_595644|Original|hCoV-19|England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spke|hCoV-19/Peru/AMZ-UPCH-0272/2020|2020-09-21|EPI_ISL_729916|Original|hCoV-19|Amazonas|Human|Instituto de Medicina Tropical|Laboratorio de Gen\u00e9mica Microbiana|Tsukayama|Peru

>Spke|hCoV-19/England/MILK-B970D6/2020|2020-11-13|EPI_ISL_675014|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spke|hCoV-19/Scotland/QUEUH-A1FDA3/2020|2020-10-01|EPI_ISL_599092|Original|hCoV-19|Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spke|hCoV-19/USA/TX-HMH-2226/2020|2020-05-14|EPI_ISL_545190|Original|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spke|hCoV-19/England/LIVE-DC7F74/2020|2020-11-16|EPI_ISL_704209|Original|hCoV-19|England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spke|hCoV-19/Scotland/EDB3506/2020|2020-04-13|EPI_ISL_473789|Original|hCoV-19|Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spke|hCoV-19/England/CAMC-B21E8C/2020|2020-11-02|EPI_ISL_645995|Original|hCoV-19|England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
Spike|hCoV-19|England/CAMC-A3E4C7/2020|2020-10-06|EPI_ISL_609738|Original|hCoV-19

Spike|hCoV-19|England/Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|England/Greater Manchester|Consortium|Amato|United Kingdom

Spike|hCoV-19|England/New South Wales Human Pathology Service (SSWPS) - Royal Prince Alfred Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

Spike|hCoV-19|Japan/PG-8488/2020|2020-06-00|EPI_ISL_687587|Original|hCoV-19

Spike|hCoV-19|Japan/Human|Pathogen Genomics Center|Pathogen Genomics Center|Seikuzuka|Japan

Spike|hCoV-19|USA/VA-DCLS-1532/2020|2020-08-08|EPI_ISL_581528|Original|hCoV-19

Spike|hCoV-19|Virginia|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

Spike|hCoV-19|Wales/Queensferry|Human|Public Health Wales|Wales

Spike|hCoV-19|USA/MDU-497A1B/2020|2020-11-23|EPI_ISL_726919|Original|hCoV-19

Spike|hCoV-19|Wales|Human-Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

Spike|hCoV-19|USA/TX-HMH-MCoV-12112/2020|2020-09-18|EPI_ISL_790205|Original|hCoV-19

Spike|hCoV-19|Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

Spike|hCoV-19|England/QEUH-BA183B/2020|2020-11-18|EPI_ISL_719811|Original|hCoV-19

Spike|hCoV-19|England/Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|Denmark/DGCC-3129/2020|2020-08-31|EPI_ISL_615948|Original|hCoV-19

Spike|hCoV-19|England/Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelson|Denmark

Spike|hCoV-19|England/CAMB-71FA3/2020|2020-03-29|EPI_ISL_439864|Original|hCoV-19

Spike|hCoV-19|England/Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

Spike|hCoV-19|England/LIVE-1E3F9C/2020|2020-10-15|EPI_ISL_627125|Original|hCoV-19

Spike|hCoV-19|England/Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

Spike|hCoV-19|USA/AZ-TG411436/2020|2020-06-25|EPI_ISL_694974|Original|hCoV-19

Spike|hCoV-19|Arizona|Human|TGen North|TGen North|French|USA

Spike|hCoV-19|USA/WI-UW-2188/2020|2020-10-21|EPI_ISL_677591|Original|hCoV-19

Spike|hCoV-19|Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

Spike|hCoV-19|USA/ALDP-9CB9B2/2020|2020-09-16|EPI_ISL_575592|Original|hCoV-19

Spike|hCoV-19|Arizona|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

Spike|hCoV-19|USA/NY-QDX-2463/2020|2020-03-14|EPI_ISL_604805|Original|hCoV-19

Spike|hCoV-19|New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19|England/QEUH-9FABA5/2020|2020-09-28|EPI_ISL_588148|Original|hCoV-19|England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19|Japan/PG-3106/2020|2020-04-00|EPI_ISL_691228|Original|hCoV-19|Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spik|hCoV-19|Wales/PHWC-2ACA2/2020|2020-04-06|EPI_ISL_445688|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spik|hCoV-19|Wales/PHWC-16D39E/2020|2020-09-17|EPI_ISL_574230|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik|hCoV-19|mink/Netherlands/NB-EMC-9-3/2020|2020-06-03|EPI_ISL_523120|Original|hCoV-19|Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spik|hCoV-19|Japan/DP0287/2020|2020-02-16|EPI_ISL_416589|Original|hCoV-19|Japan|Human|Japanese Quarantine Stations|Pathogen Genomics Center|Sekizuka|Japan
>Spik|hCoV-19|England/MILK-B8C924/2020|2020-11-12|EPI_ISL_675969|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19|USA/MI-MDHS-SC21786/2020|2020-08-14|EPI_ISL_529904|Original|hCoV-19|Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spik|hCoV-19|Denmark/DCGC-18099/2020|2020-12-14|EPI_ISL_749754|Original|hCoV-19|Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spik|hCoV-19|England/ALDP-A86651/2020|2020-10-17|EPI_ISL_606218|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19|Wales/PHWC-48CCB9/2020|2020-11-07|EPI_ISL_666527|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik|hCoV-19|USA/OR-OHSU-1267/2020|2020-07-13|EPI_ISL_509174|Original|hCoV-19|Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA
>Spik|hCoV-19|England/BRIS-12D0A2/2020|2020-04-24|EPI_ISL_481956|Original|hCoV-19|England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19|USA/NY-Wadsworth-258235-01/2020|2020-10-30|EPI_ISL_734410|Original|hCoV-19|New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
>Spik|hCoV-19|Wales/PHWC-48F050/2020|2020-11-04|EPI_ISL_681039|Original|hCoV-19|Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spik|hCoV-19|England/ALDP-B85800/2020|2020-11-14|EPI_ISL_675363|Original|hCoV-19|England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19|Scotland/CVR3663/2020|2020-05-21|EPI_ISL_478089|Original|hCoV-19|Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spik|hCoV-19|Spain/IBV-000934/2020|2020-03-27|EPI_ISL_452638|Original|hCoV-19|Basque Country|Human|Servicio de Microbiologia\u00eda. Hospital Universitario Donostia. OSI Donostialdea.|\u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain
>Spik|hCoV-19|England/MILK-A7B701/2020|2020-10-15|EPI_ISL_607441|Original|hCoV-19|England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19|USA/CA-ALSR-1001-TPL/2020|2020-04-21|EPI_ISL_483455|Original|hCoV-19|California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spik|hCoV-19/Scotland/CVR3663/2020|2020-05-21|EPI_ISL_478089|Original|hCoV-19/Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spik|hCoV-19/Spain/IBV-000934/2020|2020-03-27|EPI_ISL_452638|Original|hCoV-19/Basque Country|Human|Servicio de Microbiologia\u00eda. Hospital Universitario Donostia. OSI Donostialdea.|\u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain
>Spik|hCoV-19/England/MILK-A7B701/2020|2020-10-15|EPI_ISL_607441|Original|hCoV-19/England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spik|hCoV-19/USA/CA-ALSR-1001-TPL/2020|2020-04-21|EPI_ISL_483455|Original|hCoV-19/California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA
> Spike|hCoV-19/Switzerland/ZH-ETHZ/403777/2020|2020-12-09|EPI_ISL_729185|Original|hCoV-19^Zurich|Human|Sambra|Switzerland
> Spike|hCoV-19/England/CAMB-72ACF/2020|2020-03-22|EPI_ISL_439871|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
> Spike|hCoV-19/Spain/MD-IBV-9701000/2020|2020-03-27|EPI_ISL_683663|Original|hCoV-19^Madrid|Human|IDISSC/Hospital Clínico San Carlos de Madrid Reina Sofia|Sanz|Spain
> Spike|hCoV-19/Netherlands/NB-EMC-290/2020|2020-08-24|EPI_ISL_577839|Original|hCoV-19^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnik|Netherlands
> Spike|hCoV-19/England/LOND-D4B8C/2020|2020-04-11|EPI_ISL_441482|Original|hCoV-19^England|Human|University College London|COVID-19 Genomics UK (COG-UK) consortium|Roy|United Kingdom
> Spike|hCoV-19/England/MILK-A44B14/2020|2020-10-07|EPI_ISL_598800|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Denmark/DCGC-14843/2020|2020-11-23|EPI_ISL_712021|Original|hCoV-19^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albersen|Lab|Michaelsen|Denmark
> Spike|hCoV-19/England/ALDP-94FB47/2020|2020-06-16|EPI_ISL_552545|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Canada/QC_AH8/2020|2020-04-19|EPI_ISL_515205|Original|hCoV-19^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada
> Spike|hCoV-19/USA/TX-HMH-3846/2020|2020-06-15|EPI_ISL_543249|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
> Spike|hCoV-19/England/NOTT-15B06/2020|2020-10-16|EPI_ISL_595285|Original|hCoV-19^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) consortium|Loose|United Kingdom
> Spike|hCoV-19/England/CAMC-B9ABD2/2020|2020-11-15|EPI_ISL_673528|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/France/ARA-18625/2020|2020-04-02|EPI_ISL_508971|Original|hCoV-19^Auvergne-Rhône-Alpes|Human|CNR Virus des Infections Respiratoires - France |SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France
> Spike|hCoV-19/England/NORT-29E22D/2020|2020-05-06|EPI_ISL_488171|Original|hCoV-19^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Belgium/ULG-10647/2020|2020-10-26|EPI_ISL_636625|Original|hCoV-19^Liège|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
> Spike|hCoV-19/England/OEUH-A5E0DC/2020|2020-10-12|EPI_ISL_597369|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/England/ALDP-9B5D91/2020|2020-08-29|EPI_ISL_572894|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) consortium|Goldbuch|United Kingdom
> Spike|hCoV-19/England/20172043604/2020|2020-04-20|EPI_ISL_465344|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
> Spike|hCoV-19/Costa Rica/INC-0167/2020|2020-10-21|EPI_ISL_770017|Original|hCoV-19^San Jose|Human|Area De Salud Perez Zeledon|Inciena|Soto Garcia|Costa Rica
> Spike|hCoV-19/Denmark/ALAB-SS1105/2020|2020-03-08|EPI_ISL_429337|Original|hCoV-19^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albersen lab|Kirkegaard|Denmark
> Spike|hCoV-19/USA/CA-CZB-10940/2020|2020-09-08|EPI_ISL_583169|Original|hCoV-19^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA
for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-96B3D4/2020|2020-08-14|EPI_ISL_531312|Original|hCoV-19/England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6290/2020|2020-10-05|EPI_ISL_620050|Original|hCoV-19/England|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-169B03/2020|2020-07-24|EPI_ISL_517590|Original|hCoV-19/Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15254/2020|2020-10-19|EPI_ISL_786738|Original|hCoV-19/Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ENGMB-73DC5/2020|2020-04-01|EPI_ISL_433691|Original|hCoV-19/England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-250087/2020|2020-08-19|EPI_ISL_535606|Original|hCoV-19/Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Scotland/QEUH-C5455D/2020|2020-12-12|EPI_ISL_757050|Original|hCoV-19/Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-P001410/2020|2020-07-17|EPI_ISL_515893|Original|hCoV-19/KwaZulu-Natal|Human|Medical Diagnostics Services (MDS) |KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/NORT-292A30/2020|2020-05-22|EPI_ISL_489151|Original|hCoV-19/England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BAA2CB/2020|2020-11-17|EPI_ISL_783170|Original|hCoV-19/England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2756E/2020|2020-03-31|EPI_ISL_432328|Original|hCoV-19/Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Algeria/ALDP-B5B997/2020|2020-11-08|EPI_ISL_655633|Original|hCoV-19/Algeria|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG670268/2020|2020-05-01|EPI_ISL_696443|Original|hCoV-19/Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Portugal/PTR129/2020|2020-03-18|EPI_ISL_511288|Original|hCoV-19/Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/NORW-FA2E5/2020|2020-12-11|EPI_ISL_725492|Original|hCoV-19/England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-1005/2020|2020-11-13|EPI_ISL_722633|Original|hCoV-19/Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-18663/2020|2020-12-07|EPI_ISL_750111|Original|hCoV-19/Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-298214/2020|2020-04-28|EPI_ISL_488016|Original|hCoV-19/England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/NJ-QDX-849/2020|2020-03-16|EPI_ISL_571642|Original|hCoV-19^^New Jersey|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
> Spike|hCoV-19/England/CAMC-B9C52D/2020|2020-11-15|EPI_ISL_673344|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/England/CAMC-C71C73/2020|2020-12-16|EPI_ISL_769211|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/USA/WI-U/466/2020|2020-06-17|EPI_ISL_484821|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
> Spike|hCoV-19/England/LIVE-A9D99/2020|2020-03-24|EPI_ISL_517360|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
> Spike|hCoV-19/England/BIRM-5FF50/2020|2020-00-00|EPI_ISL_461539|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom
> Spike|hCoV-19/England/QEUH-BC40FE/2020|2020-11-24|EPI_ISL_703700|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/Denmark/DGCC-11809/2020|2020-10-26|EPI_ISL_671148|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
> Spike|hCoV-19/England/ALDP-A69153/2020|2020-10-13|EPI_ISL_608445|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
> Spike|hCoV-19/Spain/PV-IBV-004193/2020|2020-04-02|EPI_ISL_510479|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiología|000eda. Hospital Universitario Donostia. OSI Donostialdea. |u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
> Spike|hCoV-19/England/SHEF-CF568/2020|2020-05-05|EPI_ISL_493723|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
> Spike|hCoV-19/USA/UT-QDX-1859/2020|2020-03-14|EPI_ISL_604173|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
> Spike|hCoV-19/USA/VA-DCLS-0281/2020|2020-04-22|EPI_ISL_452850|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
> Spike|hCoV-19/England/ALDP-C49B59/2020|2020-12-12|EPI_ISL_718831|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/England/QEUH-B67A3B/2020|2020-11-11|EPI_ISL_661501|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/England/QEUH-C15F87/2020|2020-12-06|EPI_ISL_709376|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
> Spike|hCoV-19/England/QEUH-C0281/2020|2020-12-02|EPI_ISL_448760|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
> Spike|hCoV-19/Denmark/DGCC-20877/2020|2020-12-21|EPI_ISL_759422|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
> Spike|hCoV-19/USA/WI-U/63/2020|2020-03-24|EPI_ISL_421321|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
> Spike|hCoV-19/Switzerland/BL-U/42192918/2020|2020-03-16|EPI_ISL_528135|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland
Spike|hCoV-19/England/CAMC-94231F/2020|2020-07-21|EPI_ISL_556914|Original|hCoV-19\^\^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

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