d Bacteria p Abyssubacteria c SURF-5 o SURF-5 f SURF-5 g SURF-5 s SURF-5 sp003598085 WGS QZKU01

d Bacteria p Desulfobacterota c GWC2-55-46 o GWC2-55-46 f SCQA01 g SCQA01 s SCQA01 sp004298725 WGS SCQA01

d Bacteria p Firmicutes c Bacilli o Bacillales f Bacillaceae H g Bacillus AG s Bacillus AG koreensis WGS LILC01

d Bacteria p Cyanobacteria c Cyanobacteriia o Cyanobacteriales f Prochloraceae g Prochloron s Prochloron didemni WGS AGGA01

d Bacteria p Firmicutes c Bacilli o Bacillales f Bacillaceae D g 45385 s 45385 sp002156385 WGS MVJM01

d Bacteria p Cyanobacteria c Cyanobacteriia o Cyanobacteriales f Nostocaceae g Scytonema s Scytonema hofmannii WGS ANNX02

d Bacteria p Firmicutes c Bacilli o Bacillales f Amphibacillaceae g Lentibacillus s Lentibacillus halodurans WGS FOJW01

d Bacteria p Firmicutes c Bacilli o Thermoactinomycetales f Thermoactinomycetaceae g Thermoactinomyces s Thermoactinomyces vulgaris WGS LSVF01

d Bacteria p Firmicutes c Bacilli o Bacillales f Bacillaceae B g Bacillus F s Bacillus F sp005938125 WGS VCQN01

d Bacteria p Firmicutes c Bacilli o Bacillales f Halobacillaceae g Pontibacillus s Pontibacillus marinus WGS AULJ01

d Bacteria p Firmicutes c Bacilli o Bacillales f Halobacillaceae g Halobacillus A s Halobacillus A sp900240285 WGS OESS01

d Bacteria p Firmicutes c Bacilli o Bacillales f Bacillaceae A g Bacillus BJ s Bacillus BJ canaveralius WGS PGVC01

d Bacteria p Firmicutes c Bacilli o Bacillales f Bacillaceae A g Bacillus W s Bacillus W sp001048695 WGS CVRB01

d Bacteria p Firmicutes c Bacilli o Bacillales f Fictibacillaceae g Fictibacillus s Fictibacillus aquaticus WGS NOII01

d Bacteria p Acidobacteriota c Acidobacteriae o Acidobacteriales f Koribacteraceae g Bog-209 s Bog-209 sp003139095 WGS PLHW01

d Bacteria p WOR-3 c Hydrothermia o UBA1063 f UBA1063 g B29-G16 s B29-G16 sp003644895 WGS QNDO01

d Bacteria p Proteobacteria c Gammaproteobacteria o Burkholderiales f Rhodocyclaceae g UTPRO2 s UTPRO2 sp003105015 WGS PQAF01

d Bacteria p Proteobacteria c Gammaproteobacteria o Thiohalomonadales A f RBG-16-57-12 g RBG-16-57-12 s RBG-16-57-12 sp001801365 WGS MGXL01

d Bacteria p Planctomycetota c GCA-002687715 o GCA-002687715 f GCA-002687715 g SXUL01 s SXUL01 sp005790545 WGS SYNM01

d Bacteria p Proteobacteria c Alphaproteobacteria o UBA2966 f UBA2966 g UBA2966 s UBA2966 sp002348365 WGS DEBC01

d Archaea p Thermoproteota c Nitrososphaeria o Nitrososphaerales f Nitrosopumilaceae g CSP1-1 s CSP1-1 sp001443365 WGS LDXL01

d Bacteria p Proteobacteria c Gammaproteobacteria o UBA12402 f UBA12402 g 1-14-0-20-46-22 s 1-14-0-20-46-22 sp002796245 WGS PCUS01

d Bacteria p Desulfobacterota c Desulfobacteria o Desulfobacterales f Desulfolunaceae g Desulfoluna s Desulfoluna spongiiphila WGS FMUX01

d Bacteria p Proteobacteria c Gammaproteobacteria o Pseudomonadales f UBA3067 g GCA-002402085 s GCA-002402085 sp002402085 WGS NVVB01

d Bacteria p Desulfobacterota c Desulfobivibrionia o Desulfovibrionales f Desulfovibrionaceae g UBA6079 s UBA6079 sp002428705 WGS DIXN01

d Bacteria p Desulfobacterota c Desulfobulbia o Desulfobulbales f Desulfobulbaceae g Electronema s Electronema sp004284765 WGS NQJD01

d Bacteria p Marinisomatota c Marinisomatia o Marinisomatales f UBA1611 g UBA2134 s UBA2134 sp002718285 WGS PBAR01

d Bacteria p Proteobacteria c Alphaproteobacteria o Rhodobacterales f Rhodobacteraceae g Wagnerdoeblera s Wagnerdoeblera nectariphila WGS AUCM01

d Bacteria p Proteobacteria c Alphaproteobacteria o Rhodobacterales f Rhodobacteraceae g 59-46-T64 s 59-46-T64 sp003205515 WGS MAAZ01

d Bacteria p Desulfobacterota c Desulfobacteria o Desulfobacterales f SURF-7 g SURF-7 s SURF-7 sp003599865 WGS QZKS01

d Bacteria p Proteobacteria c Alphaproteobacteria o TMED109 f TMED131 g GCA-2715505 s GCA-2715505 sp002715505 WGS PTKG01

d Bacteria p Desulfobacterota c Desulfobulbia o Desulfobulbales f Desulfobulbaceae g Desulfobulbus B s Desulfobulbus B propionicus A WGS PDTC01

d Bacteria p Proteobacteria c Gammaproteobacteria o Beggiatoales f Beggiatoaceae g SZUA-411 s SZUA-411 sp003245895 WGS QKBZ01

d Bacteria p Proteobacteria c Gammaproteobacteria o Porticoccaceae f Porticoccaceae g LSUCC0057 s LSUCC0057 sp004535795 WGS SPIA01

d Bacteria p Proteobacteria c Gammaproteobacteria o Nevskiales f Nevskiaceae g Polycyclovorans s Polycyclovorans algicola WGS JOMH01

d Bacteria p Actinobacteriota c Actinomycetia o Streptosporangiales f Streptosporangiaceae g UBA9676 s UBA9676 sp003541285 WGS DPMS01