Supplemental Fig 1

A

SARS-CoV-2

\( \text{Inubation} \rightarrow \text{S1 binding analysis} \rightarrow \text{Flow cytometry} \)

B

**Hela-vector S1 binding**

**Hela-human ACE2**

- **WT**
- **Kappa (L452R+E484Q)**
- **Delta (L452R+T478K)**
- **B.1.618 (E484K)**
- **L452R**
- **E484Q**

**binding efficiency = \( \frac{\text{S1 positive cells}}{\text{ZsGreen positive cells}} \times 100\% \)**

**Incubation with SARS-CoV-2 Spike**

**ACE2**

**Flow cytometry**

**S1 binding analysis**

**Quantification of binding**

**S1 positive cells**

**ZsGreen positive cells**

**ZsGreen+ (ACE2+ cells)**
C. Hela-mouse ACE2

- **WT**
- **Kappa (L452R+E484Q)**
- **Delta (L452R+T478K)**
- **B.1.617 (E484K)**
- **L452R**
- **E484Q**

D. Hela-marmoset ACE2

- **ZSGreen (ACE2+ cells)**
- **S1 positive cells**
- **S1 binding**
E

Hela-koala ACE2

WT

Kappa (L452R+E484Q)

Delta (L452R+T478K)

B.1.618 (E484K)

L452R

E484Q

S1 binding

S1 positive cells

ZSGreen positive cells

ZSGreen+/ACE2+ cells