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Supplemental information

Mutations that adapt SARS-CoV-2 to mink or ferret do not increase fitness in the human airway

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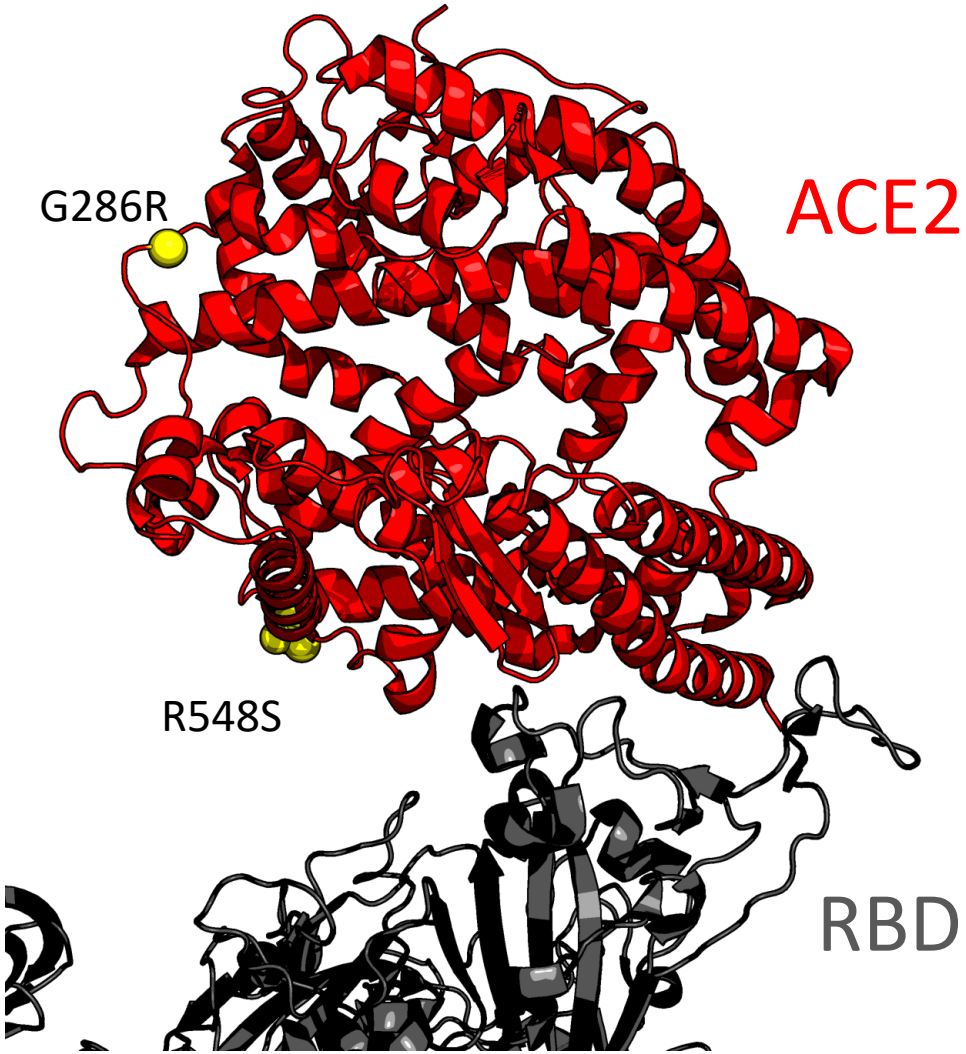
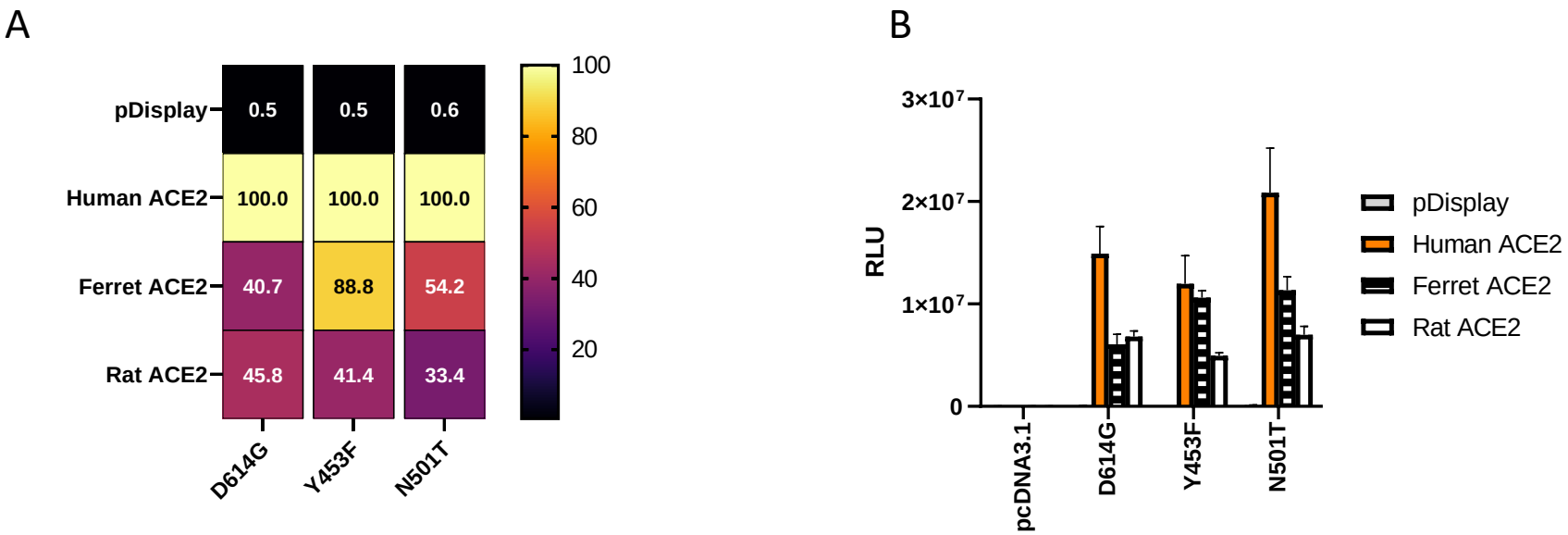
Supplementary Figure S1. Amino acid differences between ferret and mink ACE2.



Differences between ferret and mink ACE2 are shown on the structure of human ACE/Spike structure PDB: 7A94(Benton et al., 2020). Related to Introduction.

Supplementary Figure S2. Cell-cell fusion assays.



A, B) Cell-cell fusion assays of HEK 293Ts with rLUC-GFP1-7 transfected with the stated Spike protein and BHK-21 cells expressing the named ACE2 and rLUC-GFP 8-11.

Luminescence values shown normalised to human ACE2 (A) or as raw values (B). Related to Figure 3.