

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: **Statistical calculations and exact p values.** Related to Fig. 1-6 and Supplementary Fig. 1-12.

File Name: Supplementary Movie 1

Description: **Localization of IFITM2/Spike PLA in early endosomes after 2h on ice and 15 min at 37°C.**

3D Reconstruction of confocal images of SARS-CoV-2 infected Calu-3 cells. Calu-3 cells stained with EEA1 (green), PLA (red) and DAPI-stained nuclei (blue). Colocalization of EEA1 and the Spike/IFITM2 PLA signal is highlighted in yellow. Related to Fig. 4.

File Name: Supplementary Movie 2

Description: **Localization of IFITM2/Spike PLA in early endosomes after 2h on ice.** 3D Reconstruction of confocal images of SARS-CoV-2 infected Calu-3 cells incubated 2h on ice. Calu-3 cells stained with EEA1 (green), PLA (red) and DAPI-stained nuclei (blue). Colocalization of EEA1 and the Spike/IFITM2 PLA signal is highlighted in yellow. Related to Fig. 4