Supplementary Information

Attenuated fusogenicity and pathogenicity of SARS-CoV-2 Omicron variant

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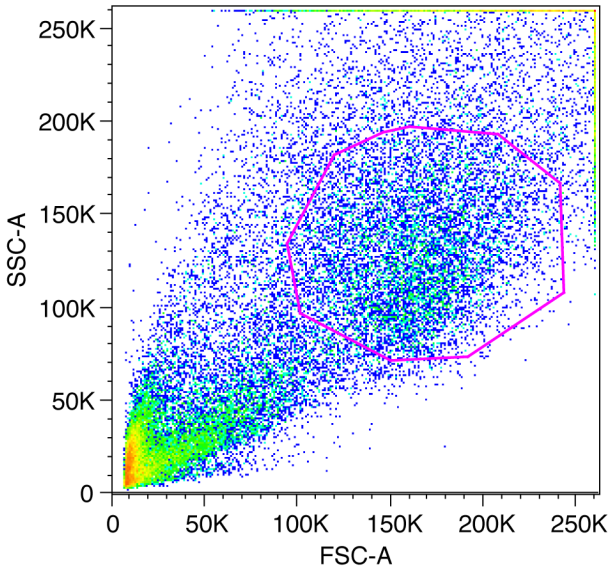
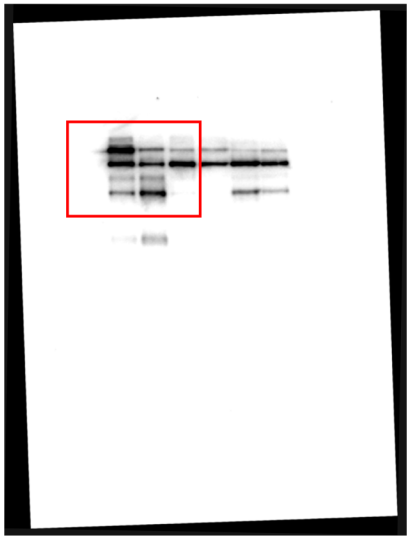


Supplementary Fig. 1. Gating strategy for flow cytometry of S protein-expressing cells.

A representative gating strategy for flow cytometry of S protein-expressing cells (**Fig. 2e** and **Extended Data Fig. 4a**) is shown.

Fig. 2g



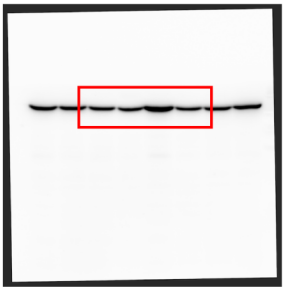
Mouse anti-SARS-CoV-2 S monoclonal antibody (clone 1A9, GeneTex, Cat# GTX632604, 1:10,000)

Rabbit anti-beta actin (ACTB) monoclonal antibody (clone 13E5, Cell Signalling, Cat# 4970, 1:5,000)

Fig. 2h

Mouse anti-SARS-CoV-2 S monoclonal antibody (clone 1A9, GeneTex, Cat# GTX632604, 1:10,000)

Rabbit anti-SARS-CoV-2 N monoclonal antibody (clone HL344, GeneTex, Cat# GTX635679, 1:5,000)



Mouse anti-alpha tubulin (TUBA) monoclonal antibody (clone DM1A, Sigma-Aldrich, Cat# T9026, 1:10,000)

Supplementary Fig. 2. Original (uncrossed) blots.

Uncrossed blots of **Fig. 2g** (top) and **Fig. 2h** (bottom) are shown. Red boxes indicate the cropped area.