

1 **Supplemental Figure Legends**

2 **Figure S1: SARS-CoV-2 spike glycoprotein colocalizes with MAO-B.**

3 HEK293T cells were transfected with plasmids encoding an empty pcDNA vector, MAO-B-
4 FLAG, and/or SARS-CoV-2 spike-C9. Representative immunofluorescence staining of Hoechst-
5 stained nuclei (blue), anti-FLAG (green), and anti-C9 (red) are shown, scale bar= 20 μ m.

6 **Figure S2: SARS-CoV-2 spike glycoprotein modifies mitochondrial bioenergetics**

7 **(a)** High resolution respirometry of SH-SY5Y cells expressing the SARS-CoV-2 spike
8 glycoprotein (SH-Spike) or an empty vector (SH-EV). CI leak respiration tended to be higher,
9 and CI OXPHOS was higher in SH-Spike cells compared to SH-EV when normalised to
10 cellular protein. In contrast oligomycin-induced leak respiration (CI + II leak) was lower in
11 SH-spike cells compared to SH-EV, (n=8).

12 **(b)** Complex I activity in enriched mitochondrial fractions was similar SH-EV and SH-Spike cells,
13 (n=7).

14 **(c)** Complex I + III-linked activity was lower in enriched mitochondrial fractions from SH-Spike
15 cells compared to SH-EV, (n=6).

16 Comparisons between groups were determined using a two-tailed Student's t-test. Values are mean
17 \pm SD. * P <0.05, ** P <0.01, *** P <0.001.