### Appendix Table S1

List of the exact P-values for main and EV figures

| Figure | Panel | Comparison | P value | Dose response |
|--------|-------|------------|---------|---------------|
| Figure 2 | A | buffer vs 0.64 μg/mL ACE2-Fc | 0.00048 |  |
| | | buffer vs 1.25 μg/mL ACE2-Fc | 0.00103 |  |
| | | buffer vs 2.5 μg/mL ACE2-Fc | 0.00010 |  |
| | | buffer vs 5 μg/mL ACE2-Fc | 0.00010 |  |
| E | | 50 μg/mL IgG vs 50 μg/mL ACE2-Fc | 0.02744 |  |
| F | | 50 μg/mL IgG vs 50 μg/mL ACE2-Fc | 0.02490 |  |
| Figure 3 | D (left) | (293T/ACE2) 100 μg/mL IgG vs 25 μg/mL ACE2-Fc | 0.00199 |  |
| | | (293T/ACE2) 100 μg/mL IgG vs 100 μg/mL ACE2-Fc | < 0.00001 |  |
| | | (H1975/ACE2) 100 μg/mL IgG vs 25 μg/mL ACE2-Fc | 0.00011 |  |
| | | (H1975/ACE2) 100 μg/mL IgG vs 100 μg/mL ACE2-Fc | 0.00002 |  |
| | | (H1975/ACE2) 25 μg/mL vs 100 μg/mL ACE2-Fc | 0.02281 | + |
| D (right) | | (293T/ACE2) 100 μg/mL IgG vs 25 μg/mL ACE2-Fc | 0.00371 |  |
| | | (293T/ACE2) 100 μg/mL IgG vs 100 μg/mL ACE2-Fc | < 0.00001 |  |
| | | (H1975/ACE2) 100 μg/mL IgG vs 25 μg/mL ACE2-Fc | 0.00011 |  |
| | | (H1975/ACE2) 25 μg/mL vs 100 μg/mL ACE2-Fc | 0.01009 |  |
| Figure 4 | A | (293T/ACE2) 100 μg/mL IgG vs 25 μg/mL ACE2-Fc | 0.03492 |  |
| | | (293T/ACE2) 100 μg/mL IgG vs 50 μg/mL ACE2-Fc | 0.00749 |  |
| | | (293T/ACE2) 100 μg/mL IgG vs 100 μg/mL ACE2-Fc | 0.00301 |  |
| | | (H1975/ACE2) 100 μg/mL IgG vs 25 μg/mL ACE2-Fc | 0.02698 |  |
| | | (H1975/ACE2) 100 μg/mL IgG vs 50 μg/mL ACE2-Fc | 0.00227 |  |
| | | (H1975/ACE2) 100 μg/mL IgG vs 100 μg/mL ACE2-Fc | 0.00144 |  |
| | | (293T/ACE2) 12.5 μg/mL vs 50 μg/mL ACE2-Fc | 0.00552 | + |
| | | (293T/ACE2) 12.5 μg/mL vs 100 μg/mL ACE2-Fc | 0.00966 | + |
| | | (293T/ACE2) 25 μg/mL vs 50 μg/mL ACE2-Fc | 0.04592 | + |
| | | (293T/ACE2) 25 μg/mL vs 100 μg/mL ACE2-Fc | 0.00477 | + |
| | | (293T/ACE2) 50 μg/mL vs 100 μg/mL ACE2-Fc | 0.01345 | + |
| | | (H1975/ACE2) 12.5 μg/mL vs 50 μg/mL ACE2-Fc | 0.00249 |  |
| | | (H1975/ACE2) 12.5 μg/mL vs 100 μg/mL ACE2-Fc | 0.00111 | + |
| | | (H1975/ACE2) 25 μg/mL vs 50 μg/mL ACE2-Fc | 0.02319 |  |
| | | (H1975/ACE2) 25 μg/mL vs 100 μg/mL ACE2-Fc | 0.00928 | + |
| | | (H1975/ACE2) 50 μg/mL vs 100 μg/mL ACE2-Fc | 0.04645 |  |
| D | Control vs 100 μg/mL ACE2-Fc | 0.00017 |  |
| | Control vs 300 μg/mL ACE2-Fc | 0.00013 |  |
| Figure 5 | A | (w/o trypsin) 100 μg/mL IgG vs 100 μg/mL ACE2-Fc | 0.02034 |  |
| | | (w/o trypsin) 100 μg/mL IgG vs 200 μg/mL ACE2-Fc | 0.01803 |  |
| | | (with trypsin) 200 μg/mL IgG vs 200 μg/mL ACE2-Fc | 0.01739 |  |
| | | (w/o trypsin) 6.25 μg/mL vs 100 μg/mL ACE2-Fc | 0.03824 | + |
| | | (w/o trypsin) 6.25 μg/mL vs 200 μg/mL ACE2-Fc | 0.03591 | + |
| | | (w/o trypsin) 12.5 μg/mL vs 100 μg/mL ACE2-Fc | 0.00914 | + |
| | | (w/o trypsin) 12.5 μg/mL vs 200 μg/mL ACE2-Fc | 0.00681 | + |
| | | (w/o trypsin) 50 μg/mL vs 100 μg/mL ACE2-Fc | 0.04631 | + |
| | | (w/o trypsin) 50 μg/mL vs 200 μg/mL ACE2-Fc | 0.03604 | + |
| B | 100 μg/mL IgG vs 100 μg/mL ACE2-Fc | 0.02888 |  |
| | 100 μg/mL IgG vs 200 μg/mL ACE2-Fc | 0.00918 |  |
| | 6.25 μg/mL ACE2-Fc vs 50 μg/mL ACE2-Fc | 0.02908 | + |
|       | Comparison                                    | p-value  | p-value Adj. |
|-------|-----------------------------------------------|----------|--------------|
| 6.25 μg/mL ACE2-Fc vs 100 μg/mL ACE2-Fc | 0.01567  | +           |
| 6.25 μg/mL ACE2-Fc vs 200 μg/mL ACE2-Fc | 0.00648  | +           |
| 12.5 μg/mL ACE2-Fc vs 100 μg/mL ACE2-Fc | 0.02174  | +           |
| 12.5 μg/mL ACE2-Fc vs 200 μg/mL ACE2-Fc | 0.00779  | +           |
| 25 μg/mL ACE2-Fc vs 200 μg/mL ACE2-Fc  | 0.01284  | +           |
| 50 μg/mL ACE2-Fc vs 200 μg/mL ACE2-Fc  | 0.01983  | +           |
| 400 μg/mL IgG vs 200 μg/mL ACE2-Fc      | 0.00217  |              |
| 400 μg/mL IgG vs 400 μg/mL ACE2-Fc      | 0.00519  |              |
| NTU3 IgG vs ACE2-Fc                     | 0.00198  |              |
| NTU13 IgG vs ACE2-Fc                    | 0.00794  |              |
| NTU14 IgG vs ACE2-Fc                    | 0.00967  |              |
| NTU25 IgG vs ACE2-Fc                    | 0.00216  |              |
| NTU27 IgG vs ACE2-Fc                    | 0.00473  |              |
| NTU14 IgG vs ACE2-Fc                    | 0.00184  |              |
| NTU25 IgG vs ACE2-Fc                    | 0.00014  |              |
| NTU27 IgG vs ACE2-Fc                    | 0.00035  |              |
| Buffer vs 20 μg/mL ACE2-Fc              | 0.01640  |              |
| Buffer vs 40 μg/mL ACE2-Fc              | 0.01600  |              |
| Buffer vs 60 μg/mL ACE2-Fc              | 0.01282  |              |
| (CD107a) 40 μg/mL ACE2 vs 40 μg/mL ACE2-Fc | 0.02719 |              |
| (IFNγ) 40 μg/mL ACE2 vs 40 μg/mL ACE2-Fc | 0.00009 |              |
| (TNF-α) 40 μg/mL ACE2 vs 40 μg/mL ACE2-Fc | 0.02603 |              |
| (293T/ACE2) 100 μg/mL IgG vs 25 μg/mL ACE2-Fc | 0.00133 |              |
| (293T/ACE2) 100 μg/mL IgG vs 50 μg/mL ACE2-Fc | 0.00058 |              |
| (293T/ACE2) 100 μg/mL IgG vs 100 μg/mL ACE2-Fc | 0.00029 |              |
| (H1975/ACE2) 100 μg/mL IgG vs 25 μg/mL ACE2-Fc | 0.03371 |              |
| (H1975/ACE2) 100 μg/mL IgG vs 50 μg/mL ACE2-Fc | 0.01211 |              |
| (H1975/ACE2) 100 μg/mL IgG vs 100 μg/mL ACE2-Fc | 0.00723 |              |