

## 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	0.00817		
		(H1975/ACE2) 100 µg/mL IgG vs 100 µg/mL ACE2-Fc	0.00001		
		(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	+	

		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	+
	F	400 µg/mL IgG vs 200 µg/mL ACE2-Fc	0.00217	
		400 µg/mL IgG vs 400 µg/mL ACE2-Fc	0.00519	
Figure 6	B	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	
	C	NTU14 IgG vs ACE2-Fc	0.00184	
		NTU25 IgG vs ACE2-Fc	0.00014	
		NTU27 IgG vs ACE2-Fc	0.00035	
Figure 7	B	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	
	C	(CD107a) 40 µg/mL ACE2 vs 40 µg/mL ACE2-Fc	0.02719	
		(IFN $\gamma$ ) 40 µg/mL ACE2 vs 40 µg/mL ACE2-Fc	0.00009	
		(TNF- $\alpha$ ) 40 µg/mL ACE2 vs 40 µg/mL ACE2-Fc	0.02603	
Figure EV4		(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	