

Supplementary Table 1 Differences of genes related to ACE2 in the disease model group compared to the normal group

Gene	CoV-D1 vs Mock-D1		CoV-D2 vs Mock-D2		CoV-D2 vs CoV-D1	
	logFC	P.Value	logFC	P.Value	logFC	P.Value
ACE	-0.24	6.25E-01	-1.14	6.47E-02	-1.39	1.21E-01
ACE2	-0.81	3.02E-02	-0.58	1.13E-01	0.21	5.80E-01
ADAM17	-0.21	4.07E-03	-0.20	2.66E-01	-0.09	5.91E-01
AGT	0.48	2.77E-02	0.43	2.75E-03	1.02	1.79E-03
AGTR1	1.03	4.53E-02	1.22	2.80E-03	1.64	9.81E-03
ATP6AP2	-0.24	1.13E-04	-0.27	1.38E-03	-0.01	7.78E-01
CTSL	-0.84	3.64E-04	-0.67	1.25E-03	-0.18	2.14E-01
FURIN	0.46	2.45E-03	0.69	1.48E-04	0.02	7.15E-01
GJA1	0.23	6.88E-03	1.86	2.80E-06	2.00	1.41E-06
GJA5	-1.16	1.79E-04	-5.02	1.28E-06	-3.01	2.69E-05
TMPRSS2	0.53	4.27E-01	1.05	4.42E-02	1.16	1.21E-01