

Manuscript title: Investigating underlying human immunity genes, implicated diseases, and their relationship with the COVID-19

Supplementary material 2: Gene variant analysis

Gene	ENSG	Variant s	SRR1 2474 733_ 1	SRR1 2486 921_ 1	SRR1 2336 753_ 1	SRR1 2336 756_ 1	SRR1 2336 761_ 1	SRR1 2328 890_ 1	ERR 4387 385_ 1	ERR 4387 386_ 1	ERR 4387 388_ 1	SRR1 2336 766_ 1	SRR1 2336 755_ 1	SRR1 2336 765_ 1	SRR1 2336 742_ 1
ACE 2	ENSG 00000 13023 4	40	26	4	2	3	2	3	0	0	0	0	0	0	0
TM PRS S4	ENSG 00000 13764 8	25 5	76	73	13	13	10	4	4	8	7	7	7	31	2
TM PRS S2	ENSG 00000 18401 2	18 6	86	67	2	9	4	0	3	0	6	0	2	6	1
CCR 9	ENSG 00000 17358 5	41	23	17	0	0	0	1	0	0	0	0	0	0	0
IFN G	ENSG 00000 11153 7	10	8	2	0	0	0	0	0	0	0	0	0	0	0
CD1 47/ BSG	ENSG 00000 17227 0	90	60	25	1	0	0	0	0	0	2	0	1	1	0
CXC R6	ENSG 00000 17221 5	29	20	8	0	0	0	0	0	0	1	0	0	0	0
FYC O1	ENSG 00000 16382 0	23 4	125	80	11	1	3	3	3	0	2	4	0	2	0
IL6	ENSG 00000 13624 4	68	40	28	0	0	0	0	0	0	0	0	0	0	0
LZT	ENSG	15	79	59	6	1	2	1	0	1	2	0	1	1	0

1/T RIF	12766 6														
TLR 3	ENSG 00000 16434 2	17 8	125	47	0	0	1	0	1	0	0	2	0	2	0
TRA F3	ENSG 00000 13132 3	20 2	130	57	4	1	2	2	0	0	1	0	5	0	0
UN C93 B1	ENSG 00000 11005 7	47	35	6	3	0	0	1	0	0	1	0	0	1	0
RA G1	ENSG 00000 16634 9	10 9	55	44	0	0	0	0	1	1	0	6	0	2	0
RA G2	ENSG 00000 17509 7	22	5	17	0	0	0	0	0	0	0	0	0	0	0
	Total Variants	28 86	1438	995	98	40	47	28	33	27	33	27	36	72	12