

Table S1: Polymorphic loci associated with susceptibility, hospitalization, severity, and death of COVID-19

Susceptibility to COVID-19	Hospitalization	Severity of COVID-19	Death due COIV-19
ABLM2	ACTN4	ACSF3	ADAM33
ABO	ADAMTSL1	ADGRE1	AGTR1
ABTB2	AP1S3	ADGRL4	APOC1
ACE2	ATP13A3	AGAP1	CADM2
ADAMTS6	C10orf143	AK5	CERKL
ADGRE1	CELF2	ALDH1A2	CNTNAP5
AHI1	CPNE4	APOC1	CTNNA3
ANK2	CSGALNACT1	APOE	CTRC
ANKLE2	DMD	ASTN2	FYCO1
ANKRD60	EGFR	BEND7	GALNT16
ARFGEF3	FBN3	BPIFC	GRIN2D
ARID3A	FER	CADM2	IQSEC1
ARSJ	FXYD5	CCR3	KIAA0513
ASRGL1	HIVEP2	CDH8	LRRC4C
ATCAY	HPSE2	CERKL	LZTFL1
ATF7IP2	HSF2BP	CHIT1	NCAM1
BCL2L14	KALRN	CNTNAP5	PRKCE
BSG	KCNAB2	CRMP1	RASGEF1B
C12orf75	KCNH5	CTRC	RGS17
CA10	KIF13A	DDX46	SCFD2
CACNA1D	KLHL4	DKK2	SNTG2
CASS4	LDLRAD4	DKK3	TRIOBP
CCDC148	LGALS3BP	DLG5	
CCHCR1	MALRD1	DNAH17	
CDH11	MT2A	DOP1B	
CDH22	MTMR7	EMCN	
CDH4	NFASC	GABPB2	
CEP44	PATJ	GALNTL6	
CEP97	PIEZO1	GRIN2D	
CHRNA7	PIP4P1	GUCY1A2	
CLNS1A	PLGRKT	KIR2DL3	
CNTNAP5	RAPGEF4	LRRC1	
COL24A1	ROBO2	LRRC4C	
COLGALT2	ROR2	LZTFL1	
CRACD	SART1	MAPT	
CSMD1	SEC16A	MBOAT1	
DACH1	SERPINF1	MUC22	
DCDC2C	SFTPD	NAALADL2	
DDX60L	SGCZ	NCAM1	

DLC1	SLC30A9	NFIA
DLEU1	SSPN	NSG1
DMD	STK3	PLEKHG4B
DPP10	TENM3	PLXNB2
DPP9	TIAM2	PML
DTX1	TLN2	PPFIA2
EGF	VDR	PRKG1
EGF	WDR7	PTCHD4
EHMT1	WWC2	RAP1GAP2
ELMO1	ZBTB80S	RARB
EPB41	ADAM33	RFLNA
ERG	ADGRB3	RORA
EXTL3	ANKS1B	SEMA4D
FAM171A1	ANPEP	SLC16A9
FHIT	ARFGEF1	SLC37A3
FLNB	ARHGAP5	SLC4A2
FRY	ASIC2	SNTG2
GALNT13	CADPS2	SPATA7
GALNT18	CAMTA1	SPOCK1
GAS7	CCND3	STK39
GLRA3	CERS6	SYDE2
GNB5	CFAP299	TBX22
GSDMC	CPN2	TERLR1
GSE1	DCAF5	TRIOBP
GTF2E2	DHX15	USP47
HAFML	DNM3	ZFPM2
HBP1	DPP9	ZNF45
HELLS	EIF3K	ZNF516
HERC1	ERBB4	
HLA-DQB1	FAM107B	
HOPX	FHOD3	
HSD17B4	FN1	
HSPA4L	GPR158	
IGLV5-45	KCNG3	
IL32	KCNMA1	
JMY	MACC1	
KANSL1	MLLT3	
KBTBD11	PON1	
KCNQ3	PRSS23	
KIRREL3	PRTFDC1	
KLF12	RAB3GAP1	
KSR2	RBFOX1	
LRMDA	RYR1	

LRRFIP2
LSAMP
LZTFL1
MACROD2
MAGI1
MAGI2
MAP3K14
MCTP1
MKLN1
MLPH
MPP7
MRPL23
MSH2
MUC4
MYH14
NCALD
NEGR1
NEIL3
NPHS2
NR1I3
NTN4
NTNG1
NUBPL
NUMB
NXPE3
OAS1
OLFM1
OSBPL1A
OTOGL
OTUD7A
PAK4
PALM
PCSK6
PDE10A
PDLIM2
PKNOX2
PLEKHA4
POC1A
POLR2A
PPHLN1
PPM1H
PPP2R2B
PRKCA

SEL1L3
SMPD3
SNX13
SORCS1
TAF5
TMEM132C
ULK4
WWOX
XCR1

PRKD1
PRKG1
PRKN
PTPRD
PTPRS
PUDP
PUDP
RAD51B
RAG1
RBFox1
RFLNA
RGS6
RRAGD
Ryr2
SCFD2
SCRT2
SDK2
SEC14L1
SETD2
SFTPD
SH3BGR1
SH3PXD2A
SLC30A10
SLC35F1
SLC6A20
SLIT1
SOCS6
SOX2-OT
SSPN
ST3GAL1
STK10
STPG2
STX17
SUB1
SYNJ1
SYNRG
SYT1
SZT2
TAS2R1
TMEM260
TMT1A
TRAF3
TRAPPC9

TRIP12
TTC39B
TYSND1
XCR1
YAF2
YES1
ZBTB11
ZC3HAV1
ZDHHC14
ZFP69B
ZNF385D