

ABCD4  
ACD  
ACP5  
ACTB  
ADA  
ADA2  
ADAM17  
ADAR  
AGA  
AICDA  
AIRE  
AK2  
ALG12  
ALG13  
ANO5  
ANTXR2  
AP1S3  
AP3B1  
AP3D1  
ARL2BP  
ARMC4  
ARPC1B  
ATM  
ATP6AP1  
B2M  
BCL10  
BCL11B  
BLM  
BLNK  
BLOC1S3  
BLOC1S6  
BRIP1  
BTD  
BTK  
C1QA  
C1QB  
C1QC  
C1R  
C1S  
C2  
C3  
C4A  
C4B  
C5  
C6  
C7  
C8A  
C8B

C9  
CACNA1C  
CARD11  
CARD14  
CARD9  
CARMIL2  
CASP10  
CASP8  
CAT  
CAVIN1  
CCBE1  
CCDC103  
CCDC114  
CCDC151  
CCDC39  
CCDC40  
CCDC65  
CCNO  
CD19  
CD247  
CD27  
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CD3G  
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CD46  
CD55  
CD59  
CD79A  
CD79B  
CD81  
CD8A  
CDCA7  
CDKN2B  
CDSN  
CEBPE  
CFAP298  
CFAP53  
CFB  
CFD  
CFH  
CFHR1  
CFHR3  
CFHR4  
CFHR5  
CFI  
CFP  
CFTR  
CHD7

CIITA  
CLCN7  
CLEC4D  
CLEC7A  
CLPB  
COG4  
COLEC11  
COPA  
CORO1A  
CPN1  
CR2  
CREBBP  
CSF2RA  
CSF2RA  
CSF2RB  
CSF3R  
CSNK2A1  
CSPP1  
CTC1  
CTLA4  
CTPS1  
CTSC  
CXCR4  
CYBA  
CYBB  
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DDX41  
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DHFR  
DKC1  
DNAAF1  
DNAAF2  
DNAAF4  
DNAAF5  
DNAH1  
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DNAI1  
DNAI2  
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DNAJC21  
DNAL1  
DNASE1  
DNASE1L3  
DNMT3B  
DOCK2  
DOCK8  
DRC1  
DSG1  
DTNBP1

EDA  
EGFR  
ELANE  
ELF4  
EPG5  
ERCC2  
ERCC3  
ERCC6L2  
EXTL3  
F12  
FADD  
FANCA  
FANCB  
FANCC  
FANCD2  
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FANCF  
FANCG  
FANCI  
FANCL  
FANCM  
FAS  
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FAT4  
FCGR1A  
FCGR2A  
FCGR2B  
FCGR3A  
FCGR3B  
FCN3  
FERMT3  
FLT4  
FOXN1  
FOXP3  
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G6PC3  
GAS8  
GATA2  
GF11  
GINS1  
GJB2  
GJB6  
GJC2  
GRHL2  
GTF2H5  
HAX1  
HELLS  
HMOX1  
HPS1  
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HPS5  
HPS6  
HTR1A  
HYDIN  
ICOS  
IFIH1  
IFNAR2  
IFNGR1  
IFNGR2  
IGHM  
IGKC  
IGLL1  
IKBKB  
IKBKG  
IKZF1  
IL10  
IL10RA  
IL10RB  
IL12B  
IL12RB1  
IL17F  
IL17RA  
IL17RC  
IL1RN  
IL2  
IL21  
IL21R  
IL2RA  
IL2RG  
IL36RN  
IL7R  
INPPL1  
INSR  
IRAK4  
IRF2BP2  
IRF3  
IRF7  
IRF8  
ISG15  
ITCH  
ITGB2  
ITK  
JAGN1  
JAK2  
JAK3  
KDM6A  
KMT2D  
KRAS  
LAMTOR2

LAT  
LCK  
LEPR  
LIG1  
LIG4  
LMBRD1  
LPIN2  
LRBA  
LRRC6  
LRRC8A  
LTBP3  
LYST  
MAGT1  
MALT1  
MAN2B1  
MANBA  
MAP3K14  
MASP1  
MASP2  
MBL2  
MC2R  
MCM4  
MECOM  
MEFV  
MOGS  
MPLKIP  
MPO  
MRE11  
MRTFA  
MS4A1  
MSH6  
MSMO1  
MSN  
MTHFD1  
MVK  
MYD88  
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NCF2  
NCF4  
NCSTN  
NFE2L2  
NFKB1  
NFKB2  
NFKBIA  
NHEJ1  
NHP2  
NKX2-1  
NKX2-5

NLRC4  
NLRP1  
NLRP12  
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NME8  
NOD2  
NOP10  
NRAS  
NSMCE3  
NTRK1  
ORAI1  
OSTM1  
OTULIN  
PARN  
PAX5  
PBX1  
PCCA  
PCCB  
PEPD  
PGM3  
PIGA  
PIH1D3  
PIK3CD  
PIK3R1  
PKHD1  
PLCG2  
PLEKHM1  
PLG  
PMM2  
PMS2  
PNP  
POLA1  
POLD1  
POLE  
POT1  
PRF1  
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PRKDC  
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PSMB8  
PSTPIP1  
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PTPN22  
PTPRC  
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RAC2  
RAD51C  
RAG1

RAG2  
RANBP2  
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RECQL4  
RELB  
RFWD3  
RFX5  
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RFXAP  
RNASEH2A  
RNASEH2B  
RNASEH2C  
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RNF168  
RORC  
RPGR  
RPSA  
RSPH1  
RSPH3  
RSPH4A  
RSPH9  
RTEL1  
SAMMD9  
SAMMD9L  
SAMHD1  
SBDS  
SCNN1A  
SCNN1B  
SCNN1G  
SEMA3E  
SERAC1  
SERPING1  
SGPL1  
SH2B3  
SH2D1A  
SH3BP2  
SKIV2L  
SLC29A3  
SLC35A1  
SLC35A2  
SLC35C1  
SLC37A4  
SLC39A4  
SLC39A8  
SLC41A1  
SLC46A1  
SLC7A7  
SLX4



SMARCAL1  
SMARCD2  
SNX10  
SOCS4  
SP110  
SPATA5  
SPINK5  
STAT1  
STAT2  
STAT3  
STAT4  
STAT5B  
STAT6  
STIM1  
STK4  
STN1  
STX11  
STXBP2  
SUCLA2  
TAP1  
TAP2  
TAPBP  
TAZ  
TBK1  
TBX1  
TCF3  
TCIRG1  
TCN2  
TERT  
TFRC  
THBD  
TICAM1  
TINF2  
TLR3  
TLR4  
TMC6  
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TMEM173  
TNFAIP3  
TNFRSF11A  
TNFRSF13B  
TNFRSF13C  
TNFRSF1A  
TNFRSF4  
TNFSF11  
TNFSF12  
TPI1  
TPP1  
TPP2  
TPSAB1

TRAC  
TRAF3  
TRAF3IP2  
TRES1  
TRNT1  
TTC25  
TTC37  
TTC7A  
TYK2  
UMPS  
UNC119  
UNC13D  
UNC93B1  
UNG  
USB1  
USP18  
VPS13B  
VPS45  
WAS  
WDR1  
WIPF1  
WRAP53  
XIAP  
ZAP70  
ZBTB24  
ZMYND10