

A2M	AGER	ARAF	BIRC6	CAVIN1	CD1D	CDK4	COPS2	CXCL5
AAMP	AGO1	ARF1	BIRC7	CAVIN2	CD2	CDK6	COPS5	CXCL6
ABCA1	AGO2	ARF5	BLK	CBL	CD209	CDK8	CPA3	CXCL8
ABCB1	AGT	ARG1	BLNK	CBLB	CD22	CDK9	CPEB4	CXCL9
ABCC2	AHI1	ARHGAP30	BMP8A	CCDC116	CD226	CDKAL1	CPT1A	CXCR1
ABCC3	AHR	ARHGEF1	BMPER	CCDC60	CD24	CDKN1A	CPT1B	CXCR2
ABCC5	AHSA1	ARID5B	BORCS5	CCDC88B	CD244	CDKN1B	CPT2	CXCR3
ABCC8	AHSA2P	ARL3	BRAF	CCL11	CD247	CDKN1C	CR2	CXCR4
ABCF1	AICDA	ARPC2	BRD8	CCL13	CD27	CDKN2A	CRCP	CXCR5
ABHD6	AIG1	ARRB2	BRF1	CCL14	CD274	CDKN2B	CREB1	CXCR6
ABL1	AIM2	ASPA	BRWD1	CCL15	CD276	CDKN2C	CREB3	CXorf21
ACAA2	AIRE	ATF1	BSN	CCL16	CD28	CDKN2D	CREB3L2	CYBA
ACADL	AKT1	ATF2	BST2	CCL17	CD33	CEACAM1	CREB3L4	CYBB
ACADM	AKT1S1	ATF3_activating	BTC	CCL18	CD34	CEACAM3	CREBBP	CYC1
ACE	AKT2	ATF3_repressing	BTK	CCL19	CD36	CEACAM4	CREM	CYLD
ACE2	AKT3	ATF4	BTLA	CCL2	CD38	CEACAM6	CRK	CYP1B1
ACIN1	ALAS1	ATF6	BTNL2	CCL20	CD3D	CEACAM8	CRLF2	CYP27A1
ACKR1	ALAS2	ATG101	BUB1	CCL21	CD3E	CEBPA	CRLS1	CYP4A11_
ACKR2	ALOX15	ATG16L1	BUB1B	CCL22	CD3G	CEBPB	CRP	CYP4A22
ACLY	ALOX5	ATG4B	C19orf33	CCL23	CD4	CEBPD	CRTC3	CYP51A1
ACOT1_ACOT2	ALOX5AP	ATG5	C1orf53	CCL24	CD40	CEBPG	CRYGD	CYP7A1
ACOT13	ALPL	ATG9A	C1QA	CCL26	CD40LG	CELF1	CSF1	DAB2IP
ACOX1	AMIGO3	ATM	C1QB	CCL27	CD44	CELF2	CSF1R	DACT1
ACOX3	ANG	ATP2A2	C1QBP	CCL3	CD46	CENPO	CSF2	DAP
ACOXL	ANGPT1	ATP2B4	C1QTNF6	CCL3L_family	CD48	CEP250	CSF2RA	DAXX
ACP5	ANGPT2	ATP5F1B	C1S	CCL4	CD5	CEP57	CSF2RB	DBP
ACPP	ANGPTL1	ATP6V0A1	C2	CCL5	CD52	CFB	CSF3	DCLRE1B
ACSL1	ANGPTL4	ATP6V0C	C3	CCL7	CD55	CFD	CSF3R	DDAH1
ACSL3	ANK3	ATP6V1C2	C3AR1	CCL8	CD58	CFH	CSK	DDIT3
ACSL4	ANKRD22	ATP6V1H	C4A_C4B	CCNA1	CD59	CFLAR	CSNK1D	DDIT4
ACSL5	ANKRD55	ATR	C5	CCNA2	CD6	CFP	CSNK2B	DDX24
ACSL6	ANTXR2	B2M	C5AR1	CCNB1	CD68	CGA	CST3	DDX41
ACTG2	ANXA1	B3GNT2	C5orf30	CCNB2	CD69	CGAS	CSTF3	DDX58
ACTL6A	ANXA2	BABAM1	C6	CCND1	CD7	CHD4	CTDP1	DDX6
ACTR1B	ANXA3	BABAM2	C7	CCND2	CD70	CHD9	CTDSP1	DEFA_family
ACVR2A	ANXA5	BACH2	C8A	CCND3	CD74	CHUK	CTLA4	DEFA4
ADA	ANXA6	BAD	C8B	CCNE1	CD79A	CIDEA	CTNNB1	DENND1B
ADAM10	AP1B1	BANK1	C8G	CCNH	CD79B	CIDEB	CTNND1	DEX1
ADAM12	AP1M1	BARD1	C9	CCNY	CD80	CIITA	CTPS1	DFFA
ADAM17	AP1S1	BASP1	CALM3	CCR1	CD81	CIR1	CTSA	DFFB
ADAM30	AP2A1	BATF	CAMK1G	CCR2	CD83	CISD1	CTSC	DGAT1
ADAM33	AP2A2	BATF3	CAMK2D	CCR3	CD84	CISH	CTSD	DGKA
ADAMTS5	AP2M1	BAX	CAMK2G	CCR4	CD86	CLEC16A	CTSG	DHCR7
ADAR	APC	BAZ2B	CAMP	CCR5	CD8A	CLEC2D	CTSH	DHX38
ADCY3	APCS	BCL10	CAPN1	CCR6	CD8B_CD8B2	CLEC4A	CTSL	DHX9
ADCY7	APEH	BCL2	CARD11	CCR7	CD9	CLEC4C	CTSO	DIABLO
ADGRE5	APELA	BCL2A1	CARD14	CCR8	CD96	CLEC4D	CTSW	DIS3
ADI1	APOA1	BCL2L1	CARD16	CCRL2	CDC14B_CDC14C	CLEC4E	CTSZ	DLD
ADIPOQ	APOA5	BCL3	CARD8	CD14	CDC20	CLEC5A	CUL1	DLGAP5
ADM	APOBEC3B	BCL6	CARD9	CD151	CDC37	CLEC6A	CX3CL1	DLK1
ADORA1	APOBEC3G	BCLAF1	CARM1	CD160	CDC42	CLEC7A	CX3CR1	DLL1
ADORA2A	APOC3	BCR	CASP1	CD163	CDC6	CLTC	CXCL1	DLL4
ADORA2B	APOE	BDNF	CASP10	CD164	CDH11	CLU	CXCL10	DNAH12
ADORA3	APP	BID	CASP2	CD177	CDH2	CMKLR1	CXCL11	DNASE1L3
ADRB3	AQP1	BIN1	CASP3	CD19	CDH5	CMPK2	CXCL12	DNM3
AES	AQP2	BIRC2	CASP5	CD1A	CDHR5	CNTFR	CXCL13	DNMT1
AFF3	AQP4	BIRC3	CASP8	CD1B	CDK11B_CDK11A	COG6	CXCL2	DNMT3A
AGAP2	AQP9	BIRC5	CAV1	CD1C	CDK2	COL1A1	CXCL3	DOCK2

# Gene List

## HTG EdgeSeq

### Immune Response Panel

DOK3	ESR1	FES	GPI	HIST1H3G	ID2	IL12A	IL6	ITK
DPP4	ESRRA	FGD2	GPR18	HIST1H3H	IDE	IL12B	IL6R	ITPKA
DTX3L	ETFDH	FGL2	GPR183	HIST1H4E	IDH1	IL12RB1	IL6ST	ITPR3
DUSP1	ETS1	FGR	GPR25	HIST1H4H	IDH2	IL12RB2	IL7	JAG1
DUSP4	ETS2	FIGNL1	GPR35	HIST3H3	IDO1	IL13	IL7R	JAG2
DVL2	ETV7	FKBP5	GPR65	HLA-A	IFI16	IL13RA1	IL9	JAK1
DYNLL2	EVI5	FLI1	GPR84	HLA-B_HLA-C	IFI27	IL15	IL9R	JAK2
E2F1	EXOC2	FLRT1	GPX1	HLA-C	IFI30	IL15RA	ILF3	JAK3
E2F4	EXOSC2	FLT1	GPX4	HLA-DMA	IFI35	IL16	ILK	JAZF1
EBI3	EXOSC8	FLT3	GRAP2	HLA-DMB	IFI44	IL17A	IMMT	JMJD7-PLA2G4B
ECH1	EXTL2	FLT3LG	GRB14	HLA-DOA	IFI44L	IL17B	IMPDH1	JRKL
EDC4	EZH2	FLT4	GRB2	HLA-DOB	IFI6	IL17C	IMPDH2	JUN
EDEM3	EZR	FN1	GRHPR	HLA-DPA1	IFIH1	IL17D	INAVA	JUNB
EDNRA	F11R	FOS	GRK2	HLA-DPB1	IFIT1	IL17F	INPP5B	KAT2A
EED	F13A1	FOSL1	GRK6	HLA-DQA1	IFIT2	IL17RA	INPP5D	KBTBD8
EEF1A1	F2	FOSL2	GRN	HLA-DQA2	IFIT3	IL17RC	INPP5E	KCNJ2
EEF1G	F2R	FOXC2	GSDMA	HLA-DQB1_HLA-DQB2	IFITM1	IL18	INPPL1	KDM1A
EFR3B	F3	FOXP1	GSDMB	HLA-DQB2	IFITM2_IFITM3	IL18BP	INS	KEAP1
EGF	F8	FOXP3	GSDMD	HLA-DRA	IFNA_Family	IL18R1	INSR	KIAA1841
EGFR	FABP1	FOXO3	GSK3B	HLA-DRB_family	IFNA1	IL18RAP	IP6K1	KIF21B
EGR1	FABP2	FOXP1	GSTM4	HLA-DRB1	IFNA14	IL19	IP6K2	KIF22
EGR2	FABP3	FOXP3	GSTO1	HLA-DRB3	IFNA16	IL1A	IPMK	KIR_panL
EHHADH	FABP4	FPR1	GSTP1	HLA-DRB4	IFNA2	IL1B	IQCB1	KIR_panS
EIF3B	FABP5	FUBP1	GTF2F1	HLA-E	IFNA21	IL1R1	IQGAP1	KIR2DL1
EIF3C_EIF3CL	FABP6	FURIN	GTF2F2	HLA-F	IFNA4	IL1R2	IRAK1	KIR2DL1_2DL2
EIF3D	FABP7	FUT2	GTF2H4	HMGA1	IFNA5	IL1RAP	IRAK2	KIR2DL3
EIF3H	FADD	FYN	GUCY1B1	HMGB1	IFNA8	IL1RL1	IRAK3	KIR2DL4
EIF3J	FADS1	G0S2	GUSB	HMGB2	IFNAR1	IL1RN	IRAK4	KIR2DL5A_
EIF3K	FADS2	G3BP1	GZMA	HMGS2	IFNAR2	IL2	IRF1	KIR2DL5B
EIF4A2	FADS3	G6PC	GZMB	HMOX1	IFNB1	IL20	IRF2	KIR2DL5B
EIF4EBP1	FAM129C	G6PD	GZMH	HNF1B	IFNE	IL20RA	IRF2BP1	KIR2DS2_
ELANE	FAM30A	GAB2	GZMK	HNF4A	IFNG	IL20RB	IRF3	KIR2DS4
ELAVL1	FAM81A	GALC	GZMM	HNRNPF	IFNGR1	IL21	IRF4	KIR2DS4
ELF3	FAM98B	GART	H2AFY2	HOXA9	IFNGR2	IL21R	IRF5	KIR2DSx
ELK1	FAS	GATA3	HAVCR2	HPCA	IFNK	IL22	IRF6	KIR3DL1
ELK4	FASLG	GBP_family	HBEGF	HPGD	IFNL1	IL22RA2	IRF7	KIR3DL2
ELMO1	FBP1	GBP1	HBP1	HPRT1	IFNL2	IL23A	IRF8	KIR3DL3
ELN	FBXL19	GBP2	HCG11	HRAS	IFNL3_IFNL2	IL23R	IRF9	KIR3DS1
ELP1	FBXO7	GBP5	HCK	HS3ST6	IFNLR1	IL24	IRGM	KIT
EMSY	FBXW11	GCG	HDAC1	HSD11B1	IFNW1	IL26	IRS1	KLC1
ENO1	FCAR	GCGR	HDAC3	HSH2D	IFRD1	IL27	IRS2	KLF10
ENPP1	FCER1A	GCK	HDC	HSP90AA1	IFRD2	IL27RA	ISG15	KLF4
ENTPD1	FCER1G	GCLC	HDGFL3	HSP90AB1	IGF2BP3	IL2RA	ISG20	KLRB1
ENTR1	FCER2	GCOM1	HELZ2	HSP90B1	IGFALS	IL2RB	ITGA11	KLRD1
EOMES	FCGR1A	GFAP	HERC5	HSPA5	IGFBP1	IL2RG	ITGA2	KLRF1
EP300	FCGR1B	GFII	HERC6	HSPA6	IGFBP3	IL3	ITGA2B	KLRK1
EPHA1	FCGR2_family	GHDC	HES1	HSPA8	IGFBP5	IL31	ITGA4	KMT2A
EPO	FCGR2B	GHR	HEXB	HSPB1	IKBKB	IL31RA	ITGA5	KNG1
EPOR	FCGR3A_FCGR3B	GK	HGS	HTT	IKBKE	IL32	ITGA6	KPNA2
EPS15L1	FCGRT	GLDC	HHAT	ICA1	IKBKG	IL33	ITGAE	KRAS
EPSTI1	FCMR	GLIS3	HHEX	ICAM1	IKZF1	IL36B	ITGAL	KRT1
ERAP1	FCN1	GLP1R	HIF1A	ICAM2	IKZF2	IL36G	ITGAM	KRT10
ERAP2	FCRL1	GMPPB	HIRIP3	ICAM3	IKZF3	IL3RA	ITGAX	KRT2
ERBB2	FCRL2	GMPR	HIST1H2AC	ICAM4	IKZF4	IL4	ITGB1	KRT24
ERBB3	FCRL3	GNA12	HIST1H2AE	ICAM5	IL10	IL4I1	ITGB2	KRT5
ERCC3	FCRL4	GNAI2	HIST1H2BD	ICOS	IL10RA	IL4R	ITGB7	KRT82
ERO1A	FCRL5	GNLY	HIST1H2BF	ICOSLG_family	IL10RB	IL5	ITGB8	KRT9
ERRF1	FER	GPD1	HIST1H2BK_H2BFS	ID1	IL11RA	IL5RA	ITIH4	KSRT1

LAG3	LY96	MDM2	MTF1	NLRP3	PANX1	PLCL1	PRKAR1B	RAB11FIP1
LAMP1	LYN	ME1	MTMR14	NMT1	PARD3	PLCL2	PRKAR2B	RAB31
LAMP2	LYST	MECP2	MTMR3	NOD1	PARK7	PLD2	PRKCB	RAB4A
LAMP3	LYZ	MED1	MTOR	NOD2	PARP1	PLD3	PRKCD	RAB5A
LAMP5	MAD2L1	MED12	MTR	NOMO_family	PARP10	PLEK	PRKCH	RABEP2
LAMTOR3	MAF	MEF2A	MTREX	NOS2	PAX5	PLEKHB2	PRKCQ	RAC1
LAT	MAFF	MEF2C	MUCT	NOS3	PBK	PLEKHG5	PRKD1	RAC2
LBH	MAG	MEFV	MX1	NOTCH1	PCGF2	PLK3	PRKDC	RAD51B
LBP	MAGED1	MERTK	MX2	NOTCH2	PCK1	PLP1	PRKN	RAF1
LCE3_family	MAL	METTL1	MXD3	NOTCH3	PCK2	PLP2	PRL	RAG1
LCK	MALT1	METTL7A	MXD4	NPEPPS	PCLAF	PLSCR1	PRLR	RAG2
LCN1	MAML2	MIB2	MYC	NPM1	PCSK5	PLTP	PRM3	RALB
LCN2	MAML3	MICB	MYD88	NPRL2	PCSK7	PMP22	PRMT5	RALBP1
LCP2	MAMSTR	MIDN	MYRF	NPRL3	PDCD1	PMPCA	PRND	RAMP3
LEF1	MAN2B1	MIF	MYZAP	NPTN	PDCD1LG2	PNKD	PROCR	RANGAP1
LEPR	MANBA	MIP	MZB1	NR1D2	PDCD2	PNMT	PROS1	RAP1A
LGALS3	MAP2K1	MKNK1	NAA25	NR1H3	PDCD5	PNOC	PROSER2	RAPGEF1
LGALS3BP	MAP2K2	MLH3	NADSYN1	NR1I3	PDE4A	PNP	PRR15L	RARRES3
LGALS8	MAP2K3	MLLT3	NAIP	NR2F1	PDE4B	POLI	PRSS2	RASA3
LGALS9_family	MAP2K4	MLX	NAMPT	NR3C1	PDGFA	POLR1B	PRSS53	RASGRP1
LIF	MAP2K5	MLYCD	NARS	NR4A2	PDGFB	POLR1C	PRTN3	RASIP1
LIFR	MAP2K6	MME	NCAM1	NRAS	PDGFRA	POLR1D_Iso1	PRXL2A	RASSF5
LILRA3	MAP2K7	MMEL1	NCBP1	NRBF2	PDGFRB	POLR1D_Iso2-3	PRXL2B	RAVER1
LILRA5	MAP3K1	MMP1	NCF2	NRDE2	PDLIM4	POLR2A	PSIP1	RB1
LILRB1	MAP3K14	MMP10	NCK2	NRF1	PDPK1	POLR2M	PSMA3	RBBP4
LILRB3	MAP3K2	MMP11	NCOA3	NRG3	PDPN	POLR3D	PSMA6	RBM14
LILRB4	MAP3K3	MMP12	NCOA5	NRP1	PDRG1	POLR3H	PSMB10	RBM17
LIME1	MAP3K4	MMP13	NCOA6	NSF	PDX1	POMC	PSMB8	RBMS3
LITAF	MAP3K7	MMP16	NCOR2	NTF3	PECAM1	POU2F1	PSMB9	RBPJ
LIX1	MAP3K8	MMP19	NCR1	NUDT1	PET100	POU2F2	PSMC5	RCAN1
LNPEP	MAP4	MMP2	NCR3	NUPR1	PF4	POU3F1	PSME1	REL
LOXL1	MAP4K1	MMP28	NDFIP1	NUSAP1	PF4V1	PPA1	PSTPIP1	RELA
LOXL2	MAP4K2	MMP3	NDUFAB1	NXPE1	PFKFB4	PPARA	PTEN	RELB
LPIN1	MAP4K4	MMP7	NEAT1	NXPE4	PGK1	PPARD	PTGDR2	REPS2
LPIN2	MAPK1	MMP8	NELL2	OAS1	PHACTR2	PPARG	PTGDS	RERE
LPL	MAPK10	MMP9	NEO1	OAS2	PHGDH	PPARGC1A	PTGER4	RETN
LPXN	MAPK11	MOS	NEUROD1	OAS3	PHRF1	PPARGC1B	PTGS2	REV3L
LRG1	MAPK12	MPDU1	NF1	OASL	PHTF1	PPBP	PTK2	RFC2
LRP1	MAPK13	MPL	NFATC1	OAZ1	PI3	PPIA	PTK2B	RFC4
LRR1	MAPK14	MPO	NFATC2	OCIAD2	PIAS1	PPIG	PTPN1	RGS1
LRRC32	MAPK15	MPP6	NFATC3	ODF1	PIAS2	PPIL4	PTPN11	RGS12
LRRC41	MAPK3	MPV17	NFATC4	ODF2	PIGR	PPP2CA	PTPN18	RGS14
LSM1	MAPK4	MPV17L2	NFE2L1	ODF3B	PIK3C2B	PPP2CB	PTPN2	RHOA
LSM4	MAPK6	MPZ	NFE2L2	OLR1	PIK3CA	PPP2R3A	PTPN22	RIMBP3_family
LSM5	MAPK7	MPZL1	NFIL3	OR5B21	PIK3CD	PPP2R3B	PTPN3	RIPK1
LSM6	MAPK8	MR1	NFKB1	ORAI1	PIK3R1	PPP2R5D	PTPN6	RIPK2
LSM7	MAPK8IP2	MRPL40	NFKB2	ORC2	PIK3R2	PPRC1	PTPRC_Pan	RIPK3
LSP1	MAPK9	MRPS7	NFKBIA	ORMDL3	PIM1	PRDM1	PTPRC_RA	RIT1
LST1	MAPKAPK2	MS4A1	NFKBIB	OSM	PIP5K1B	PRDM2	PTPRC_RB	RMI2
LTA	MAPKAPK3	MS4A2	NFKBIE	OSMR	PITPNM2	PRDX2	PTPRC_RC	RNASEH2A
LTB	MARCO	MS4A4A	NFKBIL1	OTUD7B	PKM	PRDX5	PTPRC_RO	RNASEL
LTB4R	MAX	MSH2	NFKBIZ	OTULIN	PLAU	PRDX6	PTPRK	RNASET2
LTB4R2	MBD2	MSN	NGF7	P2RX4	PLAUR	PRF1	PVR	RNF114
LTBP1	MBD3	MSRB2	NKIRAS2	P2RX7	PLCB1	PRICKLE1	PVT1	RNF126
LTBR	MBL2	MST1	NKX2-1	P2RY10	PLCB2	PRKAA1	PXK	RNF186
LTF	MBP	MST1R	NKX2-3	PADI2	PLCG1	PRKACA	PYCARD	RNLS
LY6E	MCL1	MSTO1	NLRP1	PADI4	PLCG2	PRKAG2	PYGL	RO60
LY9	MCM2	MTA1	NLRP2	PAK1	PLCH2	PRKAR1A	PYHINI	ROCK1

Gene List  
HTG EdgeSeq  
Immune Response Panel



ROCK2	SELP	SLC27A6	SPAG5	TACC3	TIGIT	TNFSF11	TSC22D3	VDR
RORA	SELPLG	SLC2A3	SPATS2L	TAF1A	TIMMDC1	TNFSF12	TSM	VEGFA
RORC	SERINC3	SLC2A4	SPEN	TAF5L	TIMP1	TNFSF13	TSG101	VILL
RPL19	SERPINA1	SLC2A4RG	SPHK2	TAGAP	TIMP2	TNFSF13B	TSHB	VMP1
RPL4	SERPINA12	SLC30A7	SPI1	TAL1	TIMP3	TNFSF14	TSHR	VNN2
RPL5	SERPINA3	SLC33A1	SPIB	TANK	TIRAP	TNFSF15	TSPAN14	VOPP1
RPS6KA2	SERPINA7	SLC3A2	SPINK1	TAP1	TLE3	TNFSF18	TSPAN33	VSIR
RPS6KA4	SERPINB1	SLC44A2	SPP1	TAP2	TLR1	TNFSF4	TTN	VTCN1
RPS6KA5	SERPINB2	SLC45A1	SPPL2B	TAPBP	TLR10	TNFSF8	TTYH3	VWF
RPS6KB1	SERPINE1	SLC7A5	SPRED2	TATDN1	TLR2	TNFSF9	TUBB	WARS
RPSA_RPSAP58	SERPINF1	SLC9A8	SPRY4	TAX1BP1	TLR3	TNIP1	TUBB4A	WDFY4
RRAS2	SERPINF2	SMAD1	SPTAN1	TBC1D10B	TLR4	TNNI2	TUBD1	WDR33
RRM2	SERPING1	SMAD2	SQSTM1	TBK1	TLR5	TNP2	TXK	WNK1
RRP1B	SERPINH1	SMAD3	SRC	TBKBP1	TLR6	TNPO3	TXN	WNT10B
RSAD2	SET	SMAD4	SREBF1	TBP	TLR7	TNS1	TXNDC11	WVVOX
RTEL1	SF3B3	SMAD5	SRF	TBX21	TLR8	TOB1	TXNDC5	XAF1
RTKN2	SFN	SMAD7	ST14	TCEA1	TLR9	TOLLIP	TXNDC9	XBP1
RUNX1	SGK1	SMARCA4	ST3GAL5	TCF4	TMBIM1	TOP1	TXNIP	XCL1
RUNX1T1	SGMS1	SMARCD3	ST6GALNAC1	TCF7	TMEM173	TP53	TYK2	XCL2_XCL1
RUNX3	SH2B1	SMG7	STAM	TCF7L2	TMEM176A	TP53INP2	TYROBP	XIAP
RXRA	SH2B3	SMIM20	STAT1	TCIRG1	TMEM50B	TPD52	UBA52	XRCC6
RXRB	SH2D1A	SMN1_SMN2	STAT2	TCL1A	TNC	TPO	UBA7	YDJC
RXRG	SH2D1B	SMURF1	STAT3	TCN1	TNF	TPS_family	UBASH3A	YTHDC1
S100A12	SH3BP2	SNAP23	STAT4	TEC	TNFAIP2	TRA2A	UBB	YWHAB
S100A7_S100A7A	SHBG	SNAP25	STAT5A	TEK	TNFAIP3	TRADD	UBE2D1	YWHAE
S100A9	SHC1	SNAPC4	STAT5B	TELO2	TNFAIP6	TRAF1	UBE2E3	YWHAH
S100B	SHMT1	SNCA	STAT6	TET2	TNFAIP8	TRAF2	UBE2L3	YWHAZ
S1PR1	SIGIRR	SNCG	STAU1	TF	TNFAIP8L1	TRAF3	UBE2L6	YY1
S1PR4	SIGLEC1	SNRNP70	STK11	TFDP1	TNFRSF10A	TRAF3IP2	UBE2S	ZAP70
S1PR5	SIGLEC5	SNRPD2	STK11IP	TFRC	TNFRSF10B	TRAF4	UBQLN4	ZBP1
SALL2	SIPA1	SNRPE	STK26	TG	TNFRSF10C	TRAF5	UCN	ZBTB16
SAMD9	SIRT1	SNRPF	STMN3	TGFA	TNFRSF10D	TRAF6	UCN2	ZBTB38
SAMD9L	SKIL	SNX32	STRADB	TGFB1	TNFRSF11A	TRAT1	UCP1	ZBTB46
SAMHD1	SKP1	SOC5	STRAP	TGFB2	TNFRSF11B	TREM1	UFD1	ZC2HC1A
SAP30	SLAMF1	SOC52	STUB1	TGFB3	TNFRSF12A	TREX1	UHRF1BP1	ZDHHC2
SAR1B	SLAMF6	SOC53	STX4	TGFB1	TNFRSF13B	TRIB1	UNC93B1	ZDHHC20
SBNO2	SLAMF7	SOC54	STXBP1	TGFBR1	TNFRSF13C	TRIB3	UQCC1	ZEB1
SCAMP3	SLAMF8	SOC55	STXBP2	TGFBR2	TNFRSF14	TRIM14	USF1	ZEB2
SCD	SLC10A4	SOD1	SUCNR1	TGFBR3	TNFRSF17	TRIM21	USP18	ZFP36L1
SCGB2A1	SLC11A1	SORBS1	SULT1A_family	TGS1	TNFRSF18	TRIM22	USP21	ZFP90
SCNN1A	SLC11A2	SOX4	SURF1	THADA	TNFRSF1A	TRIM25	USP4	ZGPAT
SDC1	SLC15A2	SOX5	SYK	THAP7	TNFRSF1B	TRIM26	UTP14A	ZMIZ1
SDC2	SLC15A4	SOX8	SYN1	THBD	TNFRSF21	TRIM35	UTP14C	ZNF385A
SDHA	SLC22A4	SP1	SYN2	THBS1	TNFRSF25	TRIM63	VAMP2	ZNF532
SEC14L1	SLC22A5	SP100	SYNGR1	THEMIS	TNFRSF4	TRIM68	VAMP3	ZNF683
SEC16A	SLC27A1	SP110	SYNJ2	THRB	TNFRSF6B	TRIM8	VAPA	ZNF767P
SELE	SLC27A2	SP140	TAB1	TICAM1	TNFRSF8	TRIP6	VAV1	ZNF831
SELENBP1	SLC27A4	SP3	TAB2	TICAM2_TMED7-	TNFRSF9	TRPT1	VCAM1	ZNF91-ZNF_family
SELL	SLC27A5	SPAG4	TAB3	TICAM2	TNFSF10	TSC2	VCL	