

nCounter® Human Neuroinflammation Panel - Gene and Probe Details

Official Symbol	Accession	Alias / Previous Symbol	Official Full Name	Other targets or Isoform Information
ABCC3	NM_001144070.1	MRP3,CMOAT2,EST90757,MLP2,MOAT-D	ATP binding cassette subfamily C member 3	
ABCC8	NM_000352.3	HI,PHH1,SUR1,MRP8,ABC36,HHF1,TNDM2,SUR,HRINS	ATP binding cassette subfamily C member 8	
ABL1	NM_005157.3	JTK7,c-ABL,p150,ABL	ABL proto-oncogene 1, non-receptor tyrosine kinase	
ADAMTS16	NM_139056.2	ADAMTS16	ADAM metalloproteinase with thrombospondin type 1 motif 16	
ADRA2A	NM_000681.2	ADRAR,ADRA2,ADRA2R	adrenoceptor alpha 2A	
AGO4	NM_017629.3	hAGO4,KIAA1567,FLJ20033,EIF2C4	argonaute 4, RISC catalytic component	
AGT	NM_000029.3	SERPINA8	angiotensinogen	
AK1	NM_000476.2		adenylate kinase 1	
AKT1	NM_00104432.1	RAC,PKB,PRKBA,AKT	AKT serine/threonine kinase 1	
AKT2	NM_001626.4		AKT serine/threonine kinase 2	
ALDH1L1	NM_012190.2	10-FTHF,FTHFD	aldehyde dehydrogenase 1 family member L1	
AMBRA1	NM_017749.2	FLJ20294,KIAA1736,WDR94,DCAF3	autophagy and beclin 1 regulator 1	
AMIGO2	NM_001143668.1	ALI1,DEGA	adhesion molecule with Ig like domain 2	
ANAPC15	NM_001278486.1	HSPC020,DKFZP564M082,APC15,C11orf51	anaphase promoting complex subunit 15	
ANXA1	NM_000700.1	ANX1,LPC1	annexin A1	
APC	NM_000038.3	DP2,DP3,DP2.5,PPP1R46	APC, WNT signaling pathway regulator	
APEX1	NM_001641.2	APE,REF1,HAP1,APX,APEN,REF-1,APE-1,APEX	apurinic/apyrimidinic endonuclease 1	
APOE	NM_000041.2	AD2	apolipoprotein E	
ARC	NM_015193.3	KIAA0278,Arg3.1	activity regulated cytoskeleton associated protein	
ARHGAP24	NM_031305.2	DKFZP564B1162,FLJ33877,FIGAP	Rho GTPase activating protein 24	
ARID1A	NM_006015.4	B120,P270,C10rf4,BAF250a,BAF250a,C10rf4,SMARCF1	AT-rich interaction domain 1A	
ASB2	NM_001202429.1	ASB-2	ankyrin repeat and SOCS box containing 2	
ASH2L	NM_001105214.2	ASH2L,ASH2,Bre2,ASH2L1	ASH2 like histone lysine methyltransferase complex subunit	
ASPH	NM_032466.3	CASQ2BP1,BAH,JCTN,HAHA	aspartate beta-hydroxylase	
ATF3	NM_001674.2		activating transcription factor 3	
ATG14	NM_014924.3	ATG14L,KIAA0831	autophagy related 14	
ATG3	NM_022488.3	PC3-96,FLJ22125,MGC15201,DKFZP564M1178,APG3L	autophagy related 3	
ATG5	NM_004849.2	ASP,APG5,hAPG5,APG5L	autophagy related 5	
ATG7	NM_001136031.2	GSA7,DKFZP434N0735,APG7L	autophagy related 7	
ATG9A	NM_001077198.1	FLJ22169,APG9L1	autophagy related 9A	
ATM	NM_000051.3	TEL1,TELO1,ATA,ATDC,ATC,ATD	ATM serine/threonine kinase	
ATP6V0E1	NM_003945.3	M9_2,ATPH,ATP6V0E	ATPase H+ transporting V0 subunit e1	
ATP6V1A	NM_001690.2	Vma1,VA68,VPP2,ATP6A1,ATP6V1A1	ATPase H+ transporting V1 subunit A	
ATR	NM_001184.2	FRP1,SKCL,SKL1,MEC1	ATR serine/threonine kinase	
AXL	NM_021913.2	UFOJ,ITK11,Tyro7,ARK	AXL receptor tyrosine kinase	
B3GNT5	NM_032047.4	B3GN-T5,beta3Gn-T5	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 5	
BAD	NM_004322.3	BCL2L8,BBC2	BCL2 associated agonist of cell death	
BAG3	NM_004281.3		BCL2 associated athanogene 3	
BAG4	NM_004874.2	SODD	BCL2 associated athanogene 4	
BAK1	NM_001188.2	BCL2L7,BAK,CDN1	BCL2 antagonist/killer 1	
BARD1	NM_000465.3		BRCA1 associated RING domain 1	
BAX	NM_138761.3	BCL2L4	BCL2 associated X, apoptosis regulator	
BBC3	NM_014417.2	JFY1,PUMA	BCL2 binding component 3	
BCAS1	NM_003657.2	NABCL1,ABC1	breast carcinoma amplified sequence 1	
BCL10	NM_003921.2	CARMEN,CIPER,meE10,c-E10,CLAP	B-cell CLL/lymphoma 10	
BCL2	NM_000657.2	bcl-2,PPP1R50	BCL2, apoptosis regulator	
BCL2A1	NM_004049.2	GR5,BFL1,BCL2L5,ACC-1,ACC-2,ACC2,ACCL1,HBP1A1	BCL2 related protein A1	
BCL2L1	NM_138578.1	BCLX,BCL2L1,bcl-X,bcl-xL,bcl-xS,PPP1R52	BCL2 like 1	
BCL2L11	NM_138621.4	BOD,BimL,BimEL,BimS,BIM	BCL2 like 11	
BCL2L2	NM_004050.2	KIAA0271,BCL-W,PPP1R51	BCL2 like 2	
BDNF	NM_170732.4		brain derived neurotrophic factor	
BECN1	NM_003766.2	ATG6,VPS30	beclin 1	
BID	NM_197966.2		BH3 interacting domain death agonist	
BIK	NM_001197.3	NBK	BCL2 interacting killer	
BIN1	NM_004305.2	SH3P9,AMPH2,AMPHL	bridging integrator 1	
BIRC2	NM_001166.3	cIAP1,hiap-2,MIHB,RNF48,c-IAP1,API1	baculoviral IAP repeat containing 2	
BIRC3	NM_182962.2	cIAP2,hiap-1,MIHC,RNF49,MALT2,c-IAP2,API2	baculoviral IAP repeat containing 3	
BIRC5	NM_001168.2	EPR-1,survivin,API4	baculoviral IAP repeat containing 5	
BLK	NM_001715.2	MGC10442	BLK proto-oncogene, Src family tyrosine kinase	
BLM	NM_000057.2	BS,RECQL3,RECQ2	Bloom syndrome RecQ like helicase	
BLNK	NM_013314.2	SLP65,Ly57,SLP-65,BLNK-s,BASH,bca	B-cell linker	
BMI1	NM_005180.5	RNF51,PCGF4	BMI1 proto-oncogene, polycomb ring finger	
BNIP3	NM_004052.2	Nip3	BCL2 interacting protein 3	
BNIP3L	NM_004331.2	Nix,BNIP3A	BCL2 interacting protein 3 like	
BOK	NM_032515.3	BCL2L9,BOKL,MGC4631	BOK, BCL2 family apoptosis regulator	
BOLA2	NM_001031827.1	Myo16,BOLA2A	boLA family member 2	
BRAF	NM_004333.3	BRAF1	B-Raf proto-oncogene, serine/threonine kinase	
BRCA1	NM_007294.3	RNF53,BRCC1,PPP1R53,FANCS	BRCA1, DNA repair associated	
BRD2	NM_005104.2	KIAA9001,RING3,D6S113E,NAT,FSRG1,BRD2-IT1	bromodomain containing 2	
BRD3	NM_007371.3	RING3L,ORFX,KIAA0043	bromodomain containing 3	
BRD4	NM_014299.2	HUNK1,MCP,AP,HUNK1	bromodomain containing 4	
BTX	NM_000061.1	ATK,XLA,PSCTK1,AGMX1,IMD1	Bruton tyrosine kinase	
CIQA	NM_015991.2		complement C1q A chain	
CIQB	NM_000491.3		complement C1q B chain	
CIQC	NM_001141011.1	C1QG	complement C1q C chain	
C3	NM_000064.2	CPAMD1,ARMD9,C3a,C3b	complement C3	
C3AR1	NM_004054.2	C3AR,AZ3B	complement C3a receptor 1	
C4A	NM_007293.2	CPAMD2,C4S,C04,C4A3,C4A2,C4A4,C4A6,C4B,RG	complement C4A (Rodgers blood group)	C4B_2 (NM_001242823), C4B (NM_001002029)
C5AR1	NM_001736.2	C5A,C5AR,CD88,C5R1	complement C5a receptor 1	
C6	NM_000065.2		complement C6	
CABLES1	NM_001100619.2	Hst2563,FLJ35924	Cdk5 and Abl enzyme substrate 1	
CALCOCO2	NM_008311.3	MGC17318,NDP52	calcium binding and coiled-coil domain 2	
CALR	NM_004343.2	RO,SSA,cC1qR,CRT,FLJ26680	calreticulin	
CAMK4	NM_001744.3	CaMK-GR	calcium/calmodulin dependent protein kinase IV	
CASP1	NM_001223.3	ICE1,IL13C	caspace 1	
CASP2	NM_032982.2	ICH1,PPP1R57,MGC2181,NEDD2	caspace 2	
CASP3	NM_032991.2	CPP32,PPP32B,Yama,apopain	caspace 3	
CASP4	NM_001225.3	ICE(re)II,ICH-2,IX	caspace 4	
CASP6	NM_032992.2	MCH2	caspace 6	
CASP7	NM_001227.3	MCH3,CMH-1,ICE-LAP3	caspace 7	
CASP8	NM_001228.4	MCH5,MACH,FLICE,Casp-8	caspace 8	
CASP9	NM_011542270.1	MCH6,ICE-LAP6,APAF-3,PPP1R56	caspace 9	
CASS4	NM_001164115.1	HEFL,HEFL,C20orf32	Cas scaffolding protein family member 4	
CCL2	NM_002982.3	MCP1,MCP-1,MCAF,SMC-CF,GDCF-2,HC11,MGC9434,SCYA2	C-C motif chemokine ligand 2	
CCL3	NM_002983.2	GOS19-1,LD78ALPHA,MIP-1-alpha,SCYA3	C-C motif chemokine ligand 3	
CCL4	NM_002984.2	MIP-1-beta,Act-2,AT744.1,LAG1,SCYA4	C-C motif chemokine ligand 4	CCL4L1 (NM_207007)
CCL5	NM_002985.2	RANTES,Sf5b,TCP228,MGC17164,D17S136E,SCYA5	C-C motif chemokine ligand 5	
CCL7	NM_006273.2	MCP-3,NC28,FIC,MARC,MCP3,SCYA6,SCYA7	C-C motif chemokine ligand 7	
CENGF2	NM_004354.2		cyclin G2	
CENI	NM_006835.2	CENI1	cyclin I	
CCR2	NM_001123041.2	CC-CR-2,CCR2,MCP-1-R,CD192,FLJ78302,CMKBR2	C-C motif chemokine receptor 2	
CCR5	NM_000579.1	CCR-5,CC-CR-5,CCR5,CD195,DDM22,CMKBR5	C-C motif chemokine receptor 5 (gene/pseudogene)	
CD109	NM_133493.3	FLJ38569,DKFZp762L1111,CPAMD7	CD109 molecule	
CD14	NM_000591.2		CD14 molecule	
CD163	NM_004244.4	M130,MM130,SCAR11	CD163 molecule	
CD19	NM_011545981.1		CD19 molecule	
CD209	NM_001144899.1	DC-SIGN,CDSIGN,DC-SIGN1,CLEC4L	CD209 molecule	
CD24	NM_013230.2	CD24A	CD24 molecule	
CD244	NM_001166663.1	2B4,NAIL,NKR2B4,Nmrk,SLAMF4	CD244 molecule	

CD300LF	NM_139018.3	IREM1,NKIR,IGSF13,CD300F,CLM1	CD300 molecule like family member f
CD33	NM_001177608.1	SIGLEC3,SIGLEC-3,p67,FLJ00391	CD33 molecule
CD36	NM_000072.3	SCARB3,GPIV,FAT,GP4,GP3B	CD36 molecule
CD3D	NM_000732.4	T3D	CD3d molecule
CD3E	NM_000733.2		CD3e molecule
CD3G	NM_000073.2		CD3g molecule
CD40	NM_001250.4	p50,Bp50,TNFRSF5	CD40 molecule
CD44	NM_001001392.1	IN,MC56,Pgp1,CD44R,HCELL,CSPG8,MIC4,MDU2,MDU3	CD44 molecule (Indian blood group)
CD47	NM_001777.3	IAP,OA3,MER6	CD47 molecule
CD6	NM_001254751.1	Tp120	CD6 molecule
CD68	NM_001251.2	SCARD1,macrosialin,GP110,DKFZp686M18236,LAMP4	CD68 molecule
CD69	NM_001781.1	CLEC2C	CD69 molecule
CD70	NM_001252.2	CD27L,CD27LG,TNFSF7	CD70 molecule
CD72	NM_001782.2	LY82,CD72b	CD72 molecule
CD74	NM_001025159.1	DHLAG	CD74 molecule
CD83	NM_004233.3	HB15,BL11	CD83 molecule
CD84	NM_001184879.1	SLAMF5,hCD84,mCD84	CD84 molecule
CD86	NM_175862.3	B7.2,B7-2,CD28LG2	CD86 molecule
CD8A	NM_001768.5	CD8	CD8a molecule
CD8B	NM_004931.3	CD8B1	CD8b molecule
CDC25A	NM_001789.2		cell division cycle 25A
CDC7	NM_003503.2	Hsk1,huCdc7,HsCdc7,CDC7L1	cell division cycle 7
CDK20	NM_012119.3	p42,CCRK	cyclin dependent kinase 20
CDKN1A	NM_000389.2	P21,CIP1,WAF1,SDI1,CAP20,p21CIP1,p21Cip1,Waf1,CDKN1	cyclin dependent kinase inhibitor 1A
CDKN1C	NM_001122631.1	P57,KIP2,BWCR,BWS	cyclin dependent kinase inhibitor 1C
CEACAM3	NM_001277163.2	CD66d,CGM1	carcinoembryonic antigen related cell adhesion molecule 3
CFLAR	NM_001127183.1	CASH,Casper,CLARP,FLAME,FLIP,J-FLICE,MRIT,c-FLIP,CASP8A1	CASP8 and FADD like apoptosis regulator
CH25H	NM_003956.3		cholesterol 25-hydroxylase
CHEK1	NM_001114121.1	CHK1	checkpoint kinase 1
CHEK2	NM_001005735.1	CDS1,CHK2,HuCds1,PP1425,bA444G7,RAD53	checkpoint kinase 2
CHN2	NM_004067.2	ARHGAP3,RhoGAP3	chimerin 2
CHST8	NM_001127895.1	GALNAC-4-ST1	carbohydrate sulfotransferase 8
CHUK	NM_001278.3	IKK1,IKK-alpha,IKKBA,NFKB1KA,IKKA,TCF16	conserved helix-loop-helix ubiquitin kinase
CIDEA	NM_001279.2	CIDE-A	cell death-inducing DFFA-like effector a
CIDEB	NM_014430.2		cell death-inducing DFFA-like effector b
CKS1B	NM_001826.2	ckshs1,CKS1	CDC28 protein kinase regulatory subunit 1B
CLCF1	NM_013246.2	NN1,BSF3,CLC,NR6,CISS2,BSF-3,NNT-1	cardiotrophin like cytokine factor 1
CLDN5	NM_001130861.1	CPETRL1,BEC1,AWAL,TMVCF	claudin 5
CLEC7A	NM_197954.2	dectin-1,hDectin-1,CD369,SCARE2,CLECSF12	C-type lectin domain containing 7A
CLIC4	NM_013943.2	DKFZP566G223,CLIC4L,P64H1,H1,huH1,p64H1	chloride intracellular channel 4
CLN3	NM_000086.2	JNCL,BTN1,BTS	CLN3, battenin
CLSTN1	NM_001009566.2	CSTN1,KIAA0911,CDHR12	calsynenin 1
CNN2	NM_004368.3		calponin 2
CNP	NM_033133.4		2',3'-cyclic nucleotide 3' phosphodiesterase
CNTNAP2	NM_014141.4	Caspr2,KIAA0868,NRXN4	contactin associated protein like 2
COA5	NM_001008215.2	MGC52110,FLJ27524,Pet191,C2orf64	cytochrome c oxidase assembly factor 5
COL6A3	NM_004369.3		collagen type VI alpha 3 chain
COTL1	NM_021149.2	CLP	coactosin like F-actin binding protein 1
COX5B	NM_001862.2		cytochrome c oxidase subunit 5B
CP	NM_000096.3		ceruloplasmin
CPA3	NM_001870.2		carboxypeptidase A3
CREB1	NM_004379.3		cAMP responsive element binding protein 1
CREBBP	NM_004380.2	RTS,CBP,KAT3A,RSTS	CREB binding protein
CREM	NM_181571.2	hCREM-2	cAMP responsive element modulator
CRIP1	NM_001311.4	CRIP	cysteine rich protein 1
CRYBA4	NM_001886.2		crystallin beta A4
CSF1	NM_000757.4	M-CSF,MCSF,MGC31930	colony stimulating factor 1
CSF1R	NM_005211.2	C-FMS,CSFR,CD115,FMS	colony stimulating factor 1 receptor
CSF2RB	NM_000395.2	ILSR8,CD131,betaGMR,IL3RB	colony stimulating factor 2 receptor beta common subunit
CSF3R	NM_000760.3	GCSFR,CD114	colony stimulating factor 3 receptor
CSK	NM_004383.1		C-terminal Src kinase
CST7	NM_003650.3		cystatin F
CTSE	NM_001910.2		cathepsin E
CTSF	NM_003793.3	CATSF,CLN13	cathepsin F
CTSS	NM_004079.3		cathepsin S
CTSW	NM_001335.3		cathepsin W
CX3CL1	NM_002996.3	NTN,C3Xkine,ABCD-3,CXC3C,CXC3,fractalkine,neurotactin,SCYD1	C-X3-C motif chemokine ligand 1
CX3CR1	NM_001337.3	CMKDR1,V28,CCR1L,GPR13,CMKBRL1	C-X3-C motif chemokine receptor 1
CXCL10	NM_001565.2	IF10,IP-10,crq-2,mob-1,C7,gIP-10,INP10,SCYB10	C-X-C motif chemokine ligand 10
CXCL9	NM_002416.1	SCYB9,Humig,crq-10,CMK,MIG	C-X-C motif chemokine ligand 9
CYC5	NM_018947.4	HCS,CYC	cytochrome c, somatic
CYP27A1	NM_000784.3	CTX,CP27,CYP27	cytochrome P450 family 27 subfamily A member 1
CYP7B1	NM_004820.3	SPG5A	cytochrome P450 family 7 subfamily B member 1
CYTIP	NM_004288.4	B3-1,HE,CYBR,CASP,CYTHIP,PSCDBP	cytohesin 1 interacting protein
DAB2	NM_001343.2	DOC-2	DAB2, clathrin adaptor protein
DAPK1	NM_001288729.1	DAPK,ROCO3	death associated protein kinase 1
DBP2	NM_000107.2	DDBB,UV-DBB2,FLJ34321,XPE	damage specific DNA binding protein 2
DDX58	NM_014314.3	RIG-I,FLJ13599,DKFZp434J1111	DExD/H-box helicase 58
DICER1	NM_177438.2	Dicer,KIAA0928,K12H4.8-LIKE,HERNA,MNG1	dicer 1, ribonuclease III
DLG1	NM_001098424.1	SAP97,SAP-97,hdlg,DLGH1,dj1061C18.1.1	discs large MAGUK scaffold protein 1
DLG4	NM_001365.3	PSD-95,PSD95,SAP90,SAP-90	discs large MAGUK scaffold protein 4
DLX1	NM_001038493.1		distal-less homeobox 1
DLX2	NM_004405.3	TES-1	distal-less homeobox 2
DNA2	NM_001080449.1	KIAA0083,DNA2L	DNA replication helicase/nuclease 2
DNMT1	NM_001379.2	MCMT,CXXC9,DNMT	DNA methyltransferase 1
DNMT3A	NM_022552.4		DNA methyltransferase 3 alpha
DNMT3B	NM_175850.1		DNA methyltransferase 3 beta
DOCK1	NM_001380.3	DOCK180,ced5	dedicator of cytokinesis 1
DOCK2	NM_004946.2	KIAA0209	dedicator of cytokinesis 2
DOT1L	NM_032482.2	KIAA1814,DOT1,KMT4	DOT1 like histone lysine methyltransferase
DST	NM_001723.4	BP240,KIAA0728,FLJ21489,FLJ13425,FLJ32235,FLJ30627,CATX-15A,MACF2,BPAG1	dystonin
DUOXA1	NM_001276265.1	FLJ32334,NUMBIP,NIP,mol	dual oxidase maturation factor 1
DUSP7	NM_001947.2	MKP-X,PYST2	dual specificity phosphatase 7
E2F1	NM_005225.1	RBP3,RBP3P	E2F transcription factor 1
EED	NM_003797.2	WAIT-1,HEED	embryonic ectoderm development
EEF2K	NM_013302.3	eEF-2K	eukaryotic elongation factor 2 kinase
EGRF	NM_201282.1	ERBB1,ERBB	epidermal growth factor receptor
EGR1	NM_001964.2	TIS8,G0530,NGFI-A,KROX-24,Zif-268,AT225,ZNF225	early growth response 1
EHMT2	NM_025256.5	G9A,EmAF134726.3,NG36/G9a,KMT1C,C6orf30,BAT8	euchromatic histone lysine methyltransferase 2
EIF1	NM_005801.3	EIF-1,ISO1,A121,SUI1,EIF1A	eukaryotic translation initiation factor 1
EMCN	NM_016242.3	MUC14	endomucin
EMP1	NM_001423.1	TMP,CL-20	epithelial membrane protein 1
ENPP6	NM_153343.3	MGC33971	ectonucleotide pyrophosphatase/phosphodiesterase 6
ENTPD2	NM_203468.1	NTPDase-2,CD39L1	ectonucleoside triphosphate diphosphohydrolase 2
EOMES	NM_005442.2	TBR2	eomesodermin
EP300	NM_001429.2	p300,KAT3B	E1A binding protein p300

EPCAM	NM_002354.1	Ly74,TROP1,GA733-2,EGP34,EGP40,EGP-2,KSA,CD326,Ep-CAM,HEA125,K51/4,MK-1,MH99,MOC31,323/A3,17-1A,TACST-1,CO-17A,ESA,M4S1,MIC18,TACSTD1	epithelial cell adhesion molecule	
EPG5	NM_020964.2	hEPG5,KIAA1632	ectopic P-granules autophagy protein 5 homolog	
EPST1	NM_001002264.2	BRES11,MGC29634	epithelial stromal interaction 1	
ERBB3	NM_001005915.1	HER3,LCSS2	erb-b2 receptor tyrosine kinase 3	
ERCC2	NM_000400.2	MAG,EM9,MGC102762,MGC126218,MGC126219,TFIIH,XPD	ERCC excision repair 2, TFIIH core complex helicase subunit	
ESAM	NM_138961.2	W117m	endothelial cell adhesion molecule	
ETS2	NM_005239.4		ETS proto-oncogene 2, transcription factor	
EXO1	NM_003686.3	HEX1,hExo1	exonuclease 1	
EZH1	NM_001991.3	KIAA0388,KMT6B	enhancer of zeste 1 polycomb repressive complex 2 subunit	
EZH2	NM_001203247.1	EZH1,ENK-1,KMT6,KMT6A	enhancer of zeste 2 polycomb repressive complex 2 subunit	
F3	NM_001993.3	CD142,TF	coagulation factor III, tissue factor	
FA2H	NM_024306.2	FAAH,FLJ25287,FAXDC1,SPG35	fatty acid 2-hydroxylase	
FABP5	NM_001444.1	E-FABP,PA-FABP,KFABP	fatty acid binding protein 5	
FADD	NM_003824.2	MORT1,GIG3	Fas associated via death domain	
FANCC	NM_001243743.1	FAC,FA3,FACC	Fanconi anemia complementation group C	
FANCD2	NM_033084.3	FAD,FA-D2,FACD,FANCD	Fanconi anemia complementation group D2	
FANCG	NM_004629.1	FAC,XRCC9	Fanconi anemia complementation group G	
FAS	NM_000043.4	CD95,APO-1,FAS1,APT1,TNFRSF6	Fas cell surface death receptor	
FASLG	NM_000639.1	FasL,CD178,APT1LG1,TNFSF6	Fas ligand	
FBLN5	NM_006329.3	EVEC,UPS0,DANCE,ARMD3	fibulin 5	
FCAR	NM_002000.2	CD89	Fc fragment of IgA receptor	
FCER1G	NM_001046.1		Fc fragment of IgE receptor Ig	
FCGR1A	NM_000566.3	CD64,CD64A	Fc fragment of IgG receptor Ia	
FCGR2B	NM_001002273.1	CD32,CD32B,FCG2,FCGR2	Fc fragment of IgG receptor IIb	
FCGR3A	NM_000569.6	CD16,CD16a,FCGR3,FCG3	Fc fragment of IgG receptor IIIa	FCGR3B (NM_001271037;NM_001271036;NM_001271035;NM_001244753; NM_000570)
FCRLA	NM_001184866.1	MGC4595,FCRLC2,FCRLb,FCRLc1,FCRLd,FCRLe,FCRLf,FCRLg,FCRLh,FREB,CRX,FCRLM1	Fc receptor like A	
FCRLB	NM_001002901.2	FLJ31052,FCRL2,FREB-2,FCRLY,FCRLM2	Fc receptor like B	
FDXR	NM_004110.3	ADXR	ferredoxin reductase	
FEN1	NM_004111.4	FEN-1,MF1,RAD2	flap structure-specific endonuclease 1	
FGD2	NM_173558.3	ZFYVE4	FYVE, RhoGEF and PH domain containing 2	
FGF13	NM_033642.1	FHF2,FGF2	fibroblast growth factor 13	
FGL2	NM_006682.2	pT49,T49	fibrinogen like 2	
FKBP5	NM_001145775.1	FKBP51,FKBP5,PPIase,P54,Ptg-10	FK506 binding protein 5	
FLT1	NM_002019.4	VEGFR1,FLT	fms related tyrosine kinase 1	
FOS	NM_005252.2	c-fos,AP-1	Fos proto-oncogene, AP-1 transcription factor subunit	
FOXP3	NM_014009.3	JM2,XPID,AIID,PIDX,DIETER,SCURFIN,IPEX	forkhead box P3	
FPR1	NM_002029.3	FPR,FMLP	formyl peptide receptor 1	
FSCN1	NM_003088.2	p55,FLJ38511,SNL	fascin actin-bundling protein 1	
FYN	NM_002037.3	SYN,SLK,MGC45350	FYN proto-oncogene, Src family tyrosine kinase	
GADD45A	NM_001924.2	GADD45,DDIT1	growth arrest and DNA damage inducible alpha	
GADD45G	NM_006705.3	DDIT2,GADD45gamma,GRP17,CR6	growth arrest and DNA damage inducible gamma	
GAL3ST1	NM_004861.1	CST	galactose-3-O-sulfotransferase 1	
GBA	NM_001005742.2	GBA1,GLUC	glucosylceramidase beta	
GBP2	NM_004120.3		guanylate binding protein 2	
GCLC	NM_001498.2	GCS,GLCL,GLCL	glutamate-cysteine ligase catalytic subunit	
GDPD2	NM_001171191.1	OBDFP,FLJ20207,GDE3	glycerophosphodiester phosphodiesterase domain containing 2	
GJA1	NM_000165.3	CX43,ODD,ODDD,SDTY3,ODDD,GJAL	gap junction protein alpha 1	
GJB1	NM_000166.5	CX32,CMTX1,CMTX	gap junction protein beta 1	
GNA15	NM_002068.1	GNA16	G protein subunit alpha 15	
GNLY	NM_006433.2	NKG5,LAG-2,D2569E,TLA519,LAG2	granulysin	
GPR183	NM_004951.3	EBI2	G protein-coupled receptor 183	
GPR34	NM_005300.2		G protein-coupled receptor 34	
GPR62	NM_080865.2		G protein-coupled receptor 62	
GPR84	NM_020370.1	EX33	G protein-coupled receptor 84	
GRAP	NM_001330148.1		GRB2-related adaptor protein	
GRIA1	NM_000827.3	GluA1,GLUR4,GLUR1	glutamate ionotropic receptor AMPA type subunit 1	
GRIA2	NM_001083620.1	GluA2,GLURB,GLUR2	glutamate ionotropic receptor AMPA type subunit 2	
GRIA4	NM_000829.3	GluA4,GLURD,GLUR4	glutamate ionotropic receptor AMPA type subunit 4	
GRIN2A	NM_000833.3	GluN2A,NMDAR2A	glutamate ionotropic receptor NMDA type subunit 2A	
GRIN2B	NM_000834.3	GluN2B,NMDAR2B	glutamate ionotropic receptor NMDA type subunit 2B	
GRM2	NM_001130063.1	GPRC1B,mGlu2,MGLUR2	glutamate metabotropic receptor 2	
GRM3	NM_000840.2	GPRC1C,mGlu3,MGLUR3	glutamate metabotropic receptor 3	
GRN	NM_002087.2	PCDGF,PGRN,CLN11	granulin precursor	
GSN	NM_000177.4	DKFZp313L0718	gelsolin	
GSTM1	NM_000561.2	MUJ,H-8,GST1	glutathione S-transferase mu 1	
GZMA	NM_006144.2	HFSF,CTLA3	granzyme A	
GZMB	NM_004131.3	CCPI,CGL-1,CSP-B,CGL1,CTSL1,HLP,SECT,CTLA1,CSPB	granzyme B	
H2AFX	NM_002105.2	H2AX	H2A histone family member X	
HAT1	NM_003642.2	KAT1	histone acetyltransferase 1	
HCAR2	NM_177551.3	HCA2,HM74A,PUMAG,Puma-g,NIACR1,GPR109A	hydroxycarboxylic acid receptor 2	HCAR3 (NM_006018)
HDAC1	NM_004964.2	HD1,GON-10,RPD3L1	histone deacetylase 1	
HDAC2	NM_001527.1	RPD3,YAF1	histone deacetylase 2	
HDAC4	NM_006037.3	KIAA0288,HDAC-A,HDACA,HD4,HA6116,HDAC-4,BDMR	histone deacetylase 4	
HDAC6	NM_001321225.1	KIAA0901,JM21,HD6,FLJ16239,PPP1R90	histone deacetylase 6	
HDC	NM_002112.3		histidine decarboxylase	
HELLS	NM_018063.3	PASG,SMARCA6,LSH,Nbla10143	helicase, lymphoid specific	
HIF1A	NM_001530.2	MOP1,HIF-1alpha,PASD8,HIF1,bHLHe78	hypoxia inducible factor 1 alpha subunit	
HILPDA	NM_013332.1	FLJ21076,HIG-2,HIG2,C7orf68	hypoxia inducible lipid droplet associated	
HIRA	NM_003325.3	DGCR1,TUP1,TUPLE1	histone cell cycle regulator	
HIST1H1D	NM_005320.2	H1.3,H1d,H1s-2,H1F3	histone cluster 1 H1 family member d	
HLA-E	NM_005516.4		major histocompatibility complex, class I, E	
HMG1	NM_002128.4	HMG3,SBP-1,DKFZp686A04236,HMG1	high mobility group box 1	
HMOX1	NM_002133.2	bk286B1,HO-1	heme oxygenase 1	
HOMER1	NM_004272.3	Ves-1,SYN47,HOMER-1B	homer scaffolding protein 1	
HPGD5	NM_014485.2	GSTS,PGD5,H-PGD5,PGD2,GSTS1-1,GSTS1	hematopoietic prostaglandin D synthase	
HPRT1	NM_000194.1	HGPR1,HPRT	hypoxanthine phosphoribosyltransferase 1	
HP54	NM_022081.5	KIAA1667,LE,BLOC3S2	HP54, biogenesis of lysosomal organelles complex 3 subunit 2	
HRK	NM_003806.1	DP5	harakiri, BCL2 interacting protein	
HSD11B1	NM_181755.1	SDR26C1,HSD11B,HSD11	hydroxysteroid 11-beta dehydrogenase 1	
HSPB1	NM_001540.3	HSP27,HSP28,Hs.76067,Hsp25,CMT2F	heat shock protein family B (small) member 1	
HUS1	NM_004507.2		HUS1 checkpoint clamp component	
ICAM2	NM_000873.3	CD102	intercellular adhesion molecule 2	
IFI30	NM_006332.3	IFI-30,GILT,IP30,MGC32056,IP-30	IFI30, lysosomal thiol reductase	
IFIH1	NM_022168.2	MDA-5,Hicd,MDA5,IDD19	interferon induced with helicase C domain 1	
IFITM2	NM_006435.2	1-8D	interferon induced transmembrane protein 2	
IFITM3	NM_021034.2	1-8U	interferon induced transmembrane protein 3	
IFNAR1	NM_000629.2	IFRC,IFNAR	interferon alpha and beta receptor subunit 1	
IFNAR2	NM_000874.3	IFNABR	interferon alpha and beta receptor subunit 2	
IGF1	NM_000618.3	IGF1A,IGF1,IGF-1	insulin like growth factor 1	
IGF1R	NM_000875.4	ITK13,CD221,IGFIR,MGC18216,IGFR	insulin like growth factor 1 receptor	
IGF2R	NM_000876.1	CD222,MPRI,MPRI1,CIMPR,M6P-R,C1-M6PR,C1-MPR,MPR300	insulin like growth factor 2 receptor	
IGSF10	NM_001178146.1	FLJ25972,CMF608	immunoglobulin superfamily member 10	
IGSF6	NM_005849.2	DORA	immunoglobulin superfamily member 6	
IKKB	NM_001556.1	IKK2,NFKB1KB,IKK-beta,IKKB	inhibitor of nuclear factor kappa B kinase subunit beta	
IKBE	NM_014002.2	IKKε,IKK-γ,KIAA0151	inhibitor of nuclear factor kappa B kinase subunit epsilon	
IKBK	NM_003639.2	IKK-γ,IKK-gamma,NEMO,Fip3p,FIP-3,FIP3,ZC2HC9,IP2,IP1	inhibitor of nuclear factor kappa B kinase subunit gamma	

IL10RB	NM_00628.3	CRF2-4,CDW210B,IL-10R2,CRFB4,D21S58,D21S66	interleukin 10 receptor subunit beta
IL15RA	NM_002189.2	CD215,IL-15RA	interleukin 15 receptor subunit alpha
IL1A	NM_000575.3	IL1F1,IL-1A,IL1-ALPHA,IL1	interleukin 1 alpha
IL1B	NM_000576.2	IL1F2,IL-1B,IL1-BETA	interleukin 1 beta
IL1R1	NM_001320984.1	D2S1473,CD121A,IL1R,IL1RA	interleukin 1 receptor type 1
IL1R2	NM_173343.1	CD121b,IL1R8	interleukin 1 receptor type 2
IL1RAP	NM_002182.2	IL-1RAcP,IL1R3,C3orf13	interleukin 1 receptor accessory protein
IL1RL2	NM_003854.2	IL1R-rp2,IL1RRP2	interleukin 1 receptor like 2
IL1RN	NM_000577.3	IL1RA,ICIL-1RA,IL1F3,IRAP,IL-1RN,MGC10430	interleukin 1 receptor antagonist
IL21R	NM_181079.4	CD360	interleukin 21 receptor
IL2RG	NM_000206.1	CD132,SCDX1,IMD4,CIDX	interleukin 2 receptor subunit gamma
IL3	NM_000588.3	IL-3,MULTI-CSF,MCGF,MGC79398,MGC79399	interleukin 3
IL3RA	NM_002183.2	CD123	interleukin 3 receptor subunit alpha
IL6R	NM_000565.2	CD126	interleukin 6 receptor
INPP5D	NM_005541.3	SHIP,pp51CN,SHIP1	inositol polyphosphate 5-phosphatase D
IQSEC1	NM_014869.4	KIAA0763,GEP100,BRAG2,ARF-GEP100	IQ motif and Sec7 domain 1
IRAK1	NM_001569.3	IRAK,pelle	interleukin 1 receptor associated kinase 1
IRAK2	NM_001570.3		interleukin 1 receptor associated kinase 2
IRAK3	NM_007199.1	IRAK-M	interleukin 1 receptor associated kinase 3
IRAK4	NM_016123.1	NY-REN-64	interleukin 1 receptor associated kinase 4
IRF1	NM_002198.1	MAR	interferon regulatory factor 1
IRF2	NM_002199.3		interferon regulatory factor 2
IRF3	NM_001571.5		interferon regulatory factor 3
IRF4	NM_002460.1	LSIRF,MUM1	interferon regulatory factor 4
IRF6	NM_006147.2	OFC6,VWS1,VWS,LPS	interferon regulatory factor 6
IRF7	NM_001572.3		interferon regulatory factor 7
IRF8	NM_002163.2	IRF-8,ICSBP,ICSBP1	interferon regulatory factor 8
ISLR2	NM_001130136.1	KIAA1465	immunoglobulin superfamily containing leucine rich repeat 2
ITGA6	NM_000210.1	CD49f	integrin subunit alpha 6
ITGA7	NM_002206.1		integrin subunit alpha 7
ITGAM	NM_000632.3	MAC-1,CD11b,CR3A,CD11B	integrin subunit alpha M
ITGAV	NM_002210.2	CD51,VNRA,MSK8,VTNR	integrin subunit alpha V
ITGAX	NM_000887.4	CD11c,CD11C	integrin subunit alpha X
ITGB5	NM_002213.3		integrin subunit beta 5
JAG1	NM_000214.2	AHD,AWS,HJ1,CD339,AGS,JAGL1	jagged 1
JAM2	NM_001270407.1	VE-JAM,JAM-B,JAMB,CD322,C21orf43	junctional adhesion molecule 2
JARID2	NM_001267040.1	JMJ	jumonji and AT-rich interaction domain containing 2
JUN	NM_002228.3	c-Jun,AP-1	Jun proto-oncogene, AP-1 transcription factor subunit
KAT2A	NM_021078.2	GCN5,PCAF-b,GCN5L2	lysine acetyltransferase 2A
KAT2B	NM_003884.3	P/CAF,GCN5,GCN5L,PCAF	lysine acetyltransferase 2B
KCNDB1	NM_004979.4	Kv4.1	potassium voltage-gated channel subfamily D member 1
KCNJ10	NM_002241.4	Kir4.1,Kir1.2	potassium voltage-gated channel subfamily J member 10
KCNK13	NM_022054.2	K2p13.1,THIK-1,THIK1	potassium two pore domain channel subfamily K member 13
KDM1A	NM_015013.3	KIAA0601,BHC110,LSO1,AOF2,KDM1	lysine demethylase 1A
KDM1B	NM_153042.3	FLJ34109,FLJ33898,dj298115.2,ba20487.3,FLJ43328,LSO2,C6orf193,AOF1	lysine demethylase 1B
KDM2A	NM_012308.1	KIAA1004,FBL11,LILINA,DKFZP434M1735,FBL7,FLJ00115,CXXCB,JHDM1A,FBXL11	lysine demethylase 2A
KDM2B	NM_001005366.1	PCCX2,CXXC2,Fbl10,JHDM1B,FBXL10	lysine demethylase 2B
KDM3A	NM_018433.5	TSGA,KIAA0742,JHMD2A,JMID1,JMID1A	lysine demethylase 3A
KDM3B	NM_016604.3	KIAA1082,NET22,C5orf7,JMID1B	lysine demethylase 3B
KDM4A	NM_014663.2	KIAA0677,JHDM3A,TDRD14A,JMID2,JMID2A	lysine demethylase 4A
KDM4B	NM_015015.2	KIAA0876,TDRD14B,JMID2B	lysine demethylase 4B
KDM4C	NM_001146694.1	GASCI,KIAA0780,TDRD14C,JMID2C	lysine demethylase 4C
KDM4D	NM_018039.2	FLJ10251,JMID2D	lysine demethylase 4D
KDM5A	NM_001042603.1	RBBP2,JARID1A	lysine demethylase 5A
KDM5B	NM_006618.3	RBBP2H1A,PLU-1,CT31,PPP1R98,JARID1B	lysine demethylase 5B
KDM5C	NM_004187.2	DXS1272E,XE169,SMCX,JARID1C,MRX13	lysine demethylase 5C
KDM5D	NM_001146705.1	KIAA0234,HYA,HY,SMCY,JARID1D	lysine demethylase 5D
KDM6A	NM_021140.2	UTX	lysine demethylase 6A
KIF2C	NM_006845.3	MCAK,CT139,KNSL6	kinesin family member 2C
KIR3DL1	NM_013289.2	cl-2,NKB1,cl-11,nkat3,NKB1B,AMB11,CD158e1/2,CD158E1,CD158e2,KIR	killer cell immunoglobulin like receptor, three Ig domains and long cytoplasmic tail 1
KIT	NM_000222.2	CD117,SCFR,C-Kit,PBT	KIT proto-oncogene receptor tyrosine kinase
KLRB1	NM_002258.2	CD161,NKR-P1,NKR-P1A,NHNR-P1A,CLECSB,NKR	killer cell lectin like receptor B1
KLRD1	NM_007334.2	CD94	killer cell lectin like receptor D1
KLRK1	NM_007360.1	NKG2D,KLR,NKG2-D,CD314,D1252489E	killer cell lectin like receptor K1
KMT2A	NM_005933.2	TRX1,HRX,ALL-1,HTRX1,CXXC7,MLL1A,MLL	lysine methyltransferase 2A
KMT2C	NM_170606.2	KIAA1506,HALR,MLL3	lysine methyltransferase 2C
LACC1	NM_001128303.1	FLJ38725,FAMIN,C13orf31	laccase domain containing 1
LAG3	NM_002286.5	CD223	lymphocyte activating 3
LAIR1	NM_002287.3	CD305	leukocyte associated immunoglobulin like receptor 1
LAMP1	NM_005561.3	CD107a	lysosomal associated membrane protein 1
LAMP2	NM_002294.2	CD107b	lysosomal associated membrane protein 2
LCN2	NM_005564.3	NGAL,24p3	lipocalin 2
LDHA	NM_001165414.1		lactate dehydrogenase A
LDLRAD3	NM_174902.2	LRAD3	low density lipoprotein receptor class A domain containing 3
LFNG	NM_001040168.1	SCDO3	LFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase
LGMN	NM_001008530.2	LGMN1,PRSC1	legumain
LIG1	NM_000234.1		DNA ligase 1
LILRB4	NM_001278426.3	LIR-5,ILT3,HM18,LIR5,CD85k	leukocyte immunoglobulin like receptor B4
LINGO1	NM_032808.5	FLJ14594,LERN1,LRRNGA	leucine rich repeat and Ig domain containing 1
LMNA	NM_005572.2	HGPS,MADA,LMN1,CMD1A,LGMD1B,PRO1,LMN1	lamin A/C
LMNB1	NM_005573.2		lamin B1
LOX	NM_002317.4		lysyl oxidase
LRG1	NM_052972.2	LRG	leucine rich alpha-2-glycoprotein 1
LRRC25	NM_145256.2	MAPA,FLJ38116	leucine rich repeat containing 25
LRRC3	NM_030891.3	C21orf102	leucine rich repeat containing 3
LSR	NM_205835.3	LISCH7,ILDR3	lipolysis stimulated lipoprotein receptor
LST1	NM_007161.3	LST-1,B144,D6S49E	leukocyte specific transcript 1
LTA	NM_000595.2	TNFSF1,LT,TNFB	lymphotoxin alpha
LTB	NM_002341.1	p33,TNFSF3,TNFC	lymphotoxin beta
LTBR	NM_006718983.2	TNFCR,TNFR-RP,TNFR2-RP,TNF-R-III,TNFRSF3,D12S370	lymphotoxin beta receptor
LTC4S	NM_145867.1	MGC33147	leukotriene C4 synthase
LY9	NM_001033667.1	CD229,mLY9,SLAMF3,hy9	lymphocyte antigen 9
LYN	NM_002350.3	JTK8	LYN proto-oncogene, Src family tyrosine kinase
MAFB	NM_005461.3	KRML	MAF bZIP transcription factor B
MAFF	NM_001161572.1	hMaF	MAF bZIP transcription factor F
MAG	NM_001199216.1	SIGLEC4A,SIGLEC-4A,S-MAG,GMA	myelin associated glycoprotein
MAL	NM_002371.2		mal, T-cell differentiation protein
MAN2B1	NM_001173498.1	LAMAN,MANB	mannosidase alpha class 2B member 1
MAP1LC3A	NM_032514.2	MAP1BLC3,MAP1ALC3,LC3,LC3A,ATG8E	microtubule associated protein 1 light chain 3 alpha
MAP2K1	NM_002755.2	MEK1,MAPKK1,PRKMK1	mitogen-activated protein kinase kinase 1
MAP2K4	NM_003010.3	MEK4,INKK1,PRKMK4,MKK4,SERK1	mitogen-activated protein kinase kinase 4
KIR2DL2 (NM_014219), KIR2DL1 (NM_014218), KIR2D55 (NM_014513), KIR2DL3 (NM_015868), KIR3DS1 (NM_001282171;NM_001282170;NM_001083539), KIR3DL3 (NM_153443), KIR2D54 (NM_012314;NM_001281971;NM_001281972), KIR2DL4 (NM_001080770;NM_002255;NM_001080772), KIR2D52 (NM_001291701;NM_001291700;NM_001291696;NM_001291695;NM_012312), KIR3DL2 (NM_001242867;NM_006737), KIR2DL5B (NM_001018081), KIR2DL5A (NM_020535)			

MAP3K1	NM_005921.1	MEKK,MAPKKK1,MEKK1	mitogen-activated protein kinase kinase kinase 1
MAP3K14	NM_003954.1	NIK,HSNIK,FDSCR1B,HS	mitogen-activated protein kinase kinase kinase 14
MAPK10	NM_138981.2	JNK3,p493F12,p54bSAPK,PRKM10	mitogen-activated protein kinase 10
MAPK12	NM_002969.3	ERK6,PRKM12,p38gamma,SAPK-3,SAPK3	mitogen-activated protein kinase 12
MAPK14	NM_001315.2	PRKM14,p38,Mxi2,PRKM15,CSBP1,CSBP2	mitogen-activated protein kinase 14
MAPT	NM_016834.2	MTBT1,tau,PPND,FTDP-17,TAU,MSTD,MTBT2,FLJ31424,MGC138549,PPP1R103,DDPAC,MAPT	microtubule associated protein tau
MARCO	NM_006770.3	SCARA2,SR-A6	macrophage receptor with collagenous structure
MAVS	NM_020746.3	VISA,KIAA1271,IPS-1,Cardif	mitochondrial antiviral signaling protein
MB21D1	NM_138441.2	CGAS, C6orf150, "chromosome 6 open reading frame 150"	Mab-21 domain containing 1
MBD2	NM_003927.3		methyl-CpG binding domain protein 2
MBD3	NM_001281453.1		methyl-CpG binding domain protein 3
MCM2	NM_004526.2	D3S3194,KIAA0030,BM28,cdc19,DFNA70,CCNL1,CDCL1	minichromosome maintenance complex component 2
MCM5	NM_006739.3	CD46	minichromosome maintenance complex component 5
MCM6	NM_005915.4	Mis5	minichromosome maintenance complex component 6
MDC1	NM_014641.2	NFBD1,KIAA0170,Em:AB023051.5	mediator of DNA damage checkpoint 1
MDM2	NM_001145337.1	HDM2,MGC5370	MDM2 proto-oncogene
MEF2C	NM_002397.3		myocyte enhancer factor 2C
MERTK	NM_006343.2	mer,RP38,c-Eyk,Tyro12	MER proto-oncogene, tyrosine kinase
MFG8E	NM_00114614.1	SEDI,EDL1,BA46,OAcGD35,HsT19888,MFG-E8,hp47,SPAG10	milk fat globule-EGF factor 8 protein
MGMT	NM_002412.3		O-6-methylguanine-DNA methyltransferase
MMP12	NM_002426.3	HME	matrix metalloproteinase 12
MMP14	NM_004955.2	MT1-MMP	matrix metalloproteinase 14
MOBP	NR_003090.2		myelin-associated oligodendrocyte basic protein
MOG	NM_001008228.2	BTNG,BTNL11	myelin oligodendrocyte glycoprotein
MPEG1	XM_937323.1	MPG1	macrophage expressed 1
MPG	NM_001015052.1	MDG	N-methylpurine DNA glycosylase
MR1	NM_001531.2	HLALS	major histocompatibility complex, class I-related
MRE11	NM_005591.3	ATLD,MRE11A	MRE11 homolog, double strand break repair nuclease
MS4A1	NM_152866.2	B1,Bp35,MS4A2,CD20	membrane spanning 4-domains A1
MS4A2	NM_000139.3	MS4A1,FCER1B,IGER,APY	membrane spanning 4-domains A2
MS4A4A	NM_024021.2	CD20L1,MS4A7,MS4A4	membrane spanning 4-domains A4A
MSH2	NM_000251.1	HNPCC,HNPCC1,COCA1	mutS homolog 2
MSN	NM_002444.2		moesin
MSR1	NM_002445.3	SCARA1,CD204,SR-AI,SR-AII,SR-AIII,SR-A	macrophage scavenger receptor 1
MVP	NM_017458.2	LRP,VAULT1	major vault protein
MYC	NM_002467.3	c-Myc,bHLHe39,MYCC	MYC proto-oncogene, bHLH transcription factor
MYCT1	NM_025107.2	MTLC,FLJ21269	MYC target 1
MYD88	NM_002468.3		myeloid differentiation primary response 88
MYORG	NM_020702.3	KIAA1161	myogenesis regulating glycosidase (putative)
MYRF	NM_001127392.1	Ndr80,pqn-47,MRF,C11orf9	myelin regulatory factor
NBN	NM_002485.4	ATV,AT-V2,AT-V1,NBS,NBS1	nibrin
NCAPH	NM_015341.3	CAP-H,hCAP-H,BRRN1	non-SMC condensin I complex subunit H
NCF1	NM_000265.4	p47phox,NOXO2,NCF1A,SH3PXD1A	neutrophil cytosolic factor 1
NCOR1	NM_006311.3	N-CoR,hCITS2910,TRAC1,hN-CoR,KIAA1047,MGC104216,PPP1R109	nuclear receptor corepressor 1
NCOR2	NM_006312.3	SMRT,SMRTE,TRAC-1,CTG26,TRNC14	nuclear receptor corepressor 2
NCR1	NM_004829.5	NK-p46,NKP46,CD335,LY94	natural cytotoxicity triggering receptor 1
NEFL	NM_006158.3	NFL,CMT1F,CMT2E,NF68,PPP1R110	neurofilament light
NFE2L2	NM_006164.3	NRF2	nuclear factor, erythroid 2 like 2
NFKB1	NM_003998.2	KB1,p105,NFKB-p50,p50,NF-kappaB,NFkappaB,NF-kB1	nuclear factor kappa B subunit 1
NFKB2	NM_002502.2	LYT-10,p52,p105,NF-kB2,p49/p100	nuclear factor kappa B subunit 2
NFKBIA	NM_020529.1	IKBA,MAD-3,IkappaBalha,NFKBI	NFKB inhibitor alpha
NFKBIE	NM_004556.2	IKBE	NFKB inhibitor epsilon
NGF	NM_002506.2	NGFB	nerve growth factor
NGFR	NM_002507.3	TNFRSF16,CD271,p75NTR	nerve growth factor receptor
NINJ2	NM_016533.4		ninjurin 2
NKG7	NM_005601.3	GIG1,GMP-17	natural killer cell granule protein 7
NLGN1	NM_014932.3	KIAA1070	neuroligin 1
NLGN2	NM_020795.2	KIAA1366	neuroligin 2
NLRP3	NM_001079821.2	AGTAVPRL,AII,AVP,FCAS,FCU,NALP3,PYPAF1,MWS,CLR1.1,C1orf7,CIAS1	NLR family pyrin domain containing 3
NOD1	NM_006092.2	NLRCL,CLR7.1,CARD4	nucleotide binding oligomerization domain containing 1
NOSTRIN	NM_001039724.3	MGC20702	nitric oxide synthase trafficking
NPL	NM_001200056.1	NPL1,DHDP51,C1orf13	N-acetylneuraminate pyruvate lyase
NPNT	NM_001033047.2	EGFL6L,POEM	nephroectin
NPTX1	NM_002522.3		neuronal pentraxin 1
NQO1	NM_000903.2	DHQU,QR1,DTD,NMOR1,DIA4	NAD(P)H quinone dehydrogenase 1
NRGN	NM_006176.2	RC3	neurogranin
NRM	NM_001270707.1	NRM29	neurim
NRP2	NM_003872.2	VEGF165R2	neuropilin 2
NTHL1	NM_002528.5	NTH1,OCT53	nth like DNA glycosylase 1
NWD1	NM_001007525.3		NACT and WD repeat domain containing 1
OAS1	NM_001032409.1	OIAS1,IFI-4,OIAS	2'-5'-oligoadenylate synthetase 1
OGG1	NM_002542.5	HMMH,HOGG1,OGH1,MUTM	8-oxoguanine DNA glycosylase
OLFML3	NM_020190.2	HNOEL-iso,OLF44	olfactomedin like 3
OPALIN	NM_001040102.2	TMP10,HTMP10,TMEM10	oligodendrocytic myelin paranodal and inner loop protein
OPTN	NM_001008211.1	FIP2,HYPL,FIP-2,TFIIIA-INTP,NRP,HIP7,GLC1E	optineurin
OSGIN1	NM_013370.3	BDGI,OKL38	oxidative stress induced growth inhibitor 1
OSMR	NM_003999.2	OSMRB	oncostatin M receptor
P2RX7	NM_002562.5	P2X7,MGC20089	purinergic receptor P2X 7
P2RY12	NM_022788.3	P2Y12,SP1999,HORK3	purinergic receptor P2Y12
PACSN1	NM_001199583.2	SDPI	protein kinase C and casein kinase substrate in neurons 1
PADI2	NM_007365.2	KIAA0994,PD12	peptidyl arginine deiminase 2
PAK1	NM_002576.3		p21 (RAC1) activated kinase 1
PARP1	NM_001618.3	PARP,PPOL,ADPRT	poly(ADP-ribose) polymerase 1
PARP2	NM_005484.3	ADPRTL2	poly(ADP-ribose) polymerase 2
PCNA	NM_002592.2		proliferating cell nuclear antigen
PDPN	NM_006474.4	T1A-2,Cp38,aggrus,GP40,PA2.26	podoplanin
PECAM1	NM_000442.3	CD31	platelet and endothelial cell adhesion molecule 1
PEX14	NM_004565.2		peroxisomal biogenesis factor 14
PIK3CA	NM_006218.2	PI3K	phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit alpha
PIK3CB	NM_006219.1	PIK3C1	phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit beta
PIK3CD	NM_005026.3	p110D	phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit delta
PIK3CG	NM_002649.2		phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit gamma
PIK3R1	NM_181504.2	GRB1,p85-ALPHA,p85	phosphoinositide-3-kinase regulatory subunit 1
PIK3R2	NM_005027.2	P85B,p85	phosphoinositide-3-kinase regulatory subunit 2
PIK3R5	NM_001142633.1	P101-PI3K,p101	phosphoinositide-3-kinase regulatory subunit 5
PILRA	NM_178273.1	FD03	paired immunoglobulin like type 2 receptor alpha
PILRB	NM_178238.1	FDFACT1,FDFACT2	paired immunoglobulin-like type 2 receptor beta
PINK1	NM_032409.2	PARK6	PTEN induced putative kinase 1
PLA2G4A	NM_024420.2	cPLA2-alpha,PLA2G4	phospholipase A2 group IVA
PLA2G5	NM_000929.2		phospholipase A2 group V
PLCG2	NM_002661.2		phospholipase C gamma 2
PLD1	NM_001130081.2		phospholipase D1
PLD2	NM_001243108.1		phospholipase D2
PLEKHB1	NM_021200.2	PHR1,KPL1,PHRET1	pleckstrin homology domain containing B1
PLEKHM1	NM_014798.2	KIAA0356	pleckstrin homology and RUN domain containing M1
PLP	NM_015993.2	PMLP,TM4SF11	plasmalmin
PLP1	NM_000533.3	GPM6C,SPG2,PLP	proteolipid protein 1

PLXDC2	NM_032812.7	TEM7R,FLJ14623	plexin domain containing 2
PLXNB3	NM_001163257.1	PLEXR,PLEXB3,PLXN6	plexin B3
PMP22	NM_000304.3	HNP, GAS3, Sp110	peripheral myelin protein 22
PMS2	NR_003085.2	H_DJ0042M02.9,HNPCC4,MLH4,PMSL2	PMS1 homolog 2, mismatch repair system component
PNOC	NM_001284244.1	PPNOC,N/OFO_NOP	prepronociceptin
POLE	NM_006231.3	POLE1	DNA polymerase epsilon, catalytic subunit
PPFIA4	NM_015053.1		PTRF interacting protein alpha 4
PPP3CA	NM_000944.4	CNA1,PPP2B,CALN,CALNA	protein phosphatase 3 catalytic subunit alpha
PPP3CB	NM_021132.2	CALNA2,CNA2,PP2Bbeta,CALNB	protein phosphatase 3 catalytic subunit beta
PPP3R1	NM_000945.3	CALNB1,CNB,CNB1	protein phosphatase 3 regulatory subunit B, alpha
PPP3R2	NM_147180.2	PPP3RL	protein phosphatase 3 regulatory subunit B, beta
PRDX1	NM_002574.2	NKEFA,PAGA	peroxiredoxin 1
PRF1	NM_005041.3	PPF,P1,HLPH2	perforin 1
PRKACA	NM_002730.3	PKAc	protein kinase cAMP-activated catalytic subunit alpha
PRKACB	NM_182948.2	PKACb	protein kinase cAMP-activated catalytic subunit beta
PRKAR1A	NM_212472.1	CNC1,PRKAR1,TSE1	protein kinase cAMP-dependent type I regulatory subunit alpha
PRKAR2A	NM_004157.2	PRKAR2	protein kinase cAMP-dependent type II regulatory subunit alpha
PRKAR2B	NM_002736.2	PRKAR2	protein kinase cAMP-dependent type II regulatory subunit beta
PRKCE	NM_005400.2		protein kinase C epsilon
PRKCQ	NM_006257.2		protein kinase C theta
PRKDC	NM_006904.6	DNPK1,p350,DNAPK,XRCC7,DNA-PKcs,HYRC,HYRC1	protein kinase, DNA-activated, catalytic polypeptide
PROS1	NM_000313.1	PROS	protein 5
PSEN2	NM_000447.2	AD3L,STM2,P52,AD4	presenilin 2
PSMB8	NM_004159.4	RING10,D6S216E,PSMB5I,beta5I,LMP7	proteasome subunit beta 8
PTEN	NM_000314.3	MMAC1,TEP1,PTEN1,B2S,MHAM	phosphatase and tensin homolog
PTGER3	NM_000957.2	EP3	prostaglandin E receptor 3
PTGER4	NM_000958.2	EP4	prostaglandin E receptor 4
PTGS2	NM_000963.1	COX2	prostaglandin-endoperoxide synthase 2
PTMS	NM_002824.4	ParaT	parathyromosin
PTPN6	NM_002831.5	HCP,HCPH,PTP-1C,SHP-1,SHP1	protein tyrosine phosphatase, non-receptor type 6
PTPRC	NM_080923.2	LCA,T200,GP180,CD45	protein tyrosine phosphatase, receptor type C
PTTG1	NM_004219.2	PTTG,HPTTG,EAP1,securin,TUTR1	pituitary tumor-transforming 1
PTX3	NM_002852.3	TSG-14,TNFAIP5	pentraxin 3
PYCARD	NM_013258.3	TMS-1,CARD5,ASC	PYD and CARD domain containing
RAB6B	NM_016577.3		RAB6B, member RAS oncogene family
RAB7A	NM_004637.5	RAB7	RAB7A, member RAS oncogene family
RAC1	NM_006908.4	TC-25,p21-Rac1,Rac-1	Rac family small GTPase 1
RAC2	NM_002872.4	EN-7	Rac family small GTPase 2
RAD1	NM_133377.2	HRAD1,REC1	RAD1 checkpoint DNA exonuclease
RAD17	NM_133338.1	Rad24,RAD17Sp,CCYC	RAD17 checkpoint clamp loader component
RAD50	NM_005732.2	hRad50,RAD50-2	RAD50 double strand break repair protein
RAD51	NM_133487.2	HsRad51,Hs116930,BRCC5,FANCR,RAD51A,RECA	RAD51 recombinase
RAD51B	NM_002877.5	REC2,hREC2,R51H2,RAD51L1	RAD51 paralog B
RAD51C	NM_002876.2	RAD51L2,FANCO	RAD51 paralog C
RAD9A	NM_001243224.1	RAD9	RAD9 checkpoint clamp component A
RAG1	NM_000448.2	RNF74,MGC43321	recombination activating 1
RALA	NM_005402.2	RAL	RAS like proto-oncogene A
RALB	NM_002881.2		RAS like proto-oncogene B
RAPGEF3	NM_001098531.2	cAMP-GEFI,EPAC,bcm910	Rap guanine nucleotide exchange factor 3
RB1CC1	NM_001083617.1	KIAA0203,Cc1,DRAGOU14,FIP200,ATG17,PPP1R131	RB1 inducible coiled-coil 1
RBFOX3	NM_001082575.1	FOX-3,NeuN,HRNBP3	RNA binding fox-1 homolog 3
RELA	NM_021975.3	p65,NFKB3	RELA proto-oncogene, NF-kB subunit
RELB	NM_006509.3	REL-B	RELB proto-oncogene, NF-kB subunit
RELN	NM_005045.2	RL,PRO1598	reelin
RGL1	NM_001297669.1	RGL	ral guanine nucleotide dissociation stimulator like 1
RHOA	NM_001664.2	RhoA,Rho12,RHOH12,ARH12,ARHA	ras homolog family member A
RIPK1	NM_003804.3	RIP	receptor interacting serine/threonine kinase 1
RIPK2	NM_003821.5	RICK,RIP2,CARDIAK,CARD3	receptor interacting serine/threonine kinase 2
RNF8	NM_003958.3	KIAA0646	ring finger protein 8
RPA1	NM_002945.3	REPA1,RPA70,HSSB,RF-A,RP-A	replication protein A1
RPL28	NM_000991.3	FLI43307,L28	ribosomal protein L28
RPL29	NM_000992.2	HIP,HUMRPL29,L29,RPL29P10	ribosomal protein L29
RPL36AL	NM_001001.3	RPL36A	ribosomal protein L36a like
RPL9	NM_000661.4	L9	ribosomal protein L9
RPS10	NM_001014.3	MGC88819,S10	ribosomal protein S10
RPS2	NM_002952.3	LLREP3,S2	ribosomal protein S2
RPS21	NM_001024.3	S21	ribosomal protein S21
RPS3	NM_001005.4	FLI26283,FLI27450,MGC87870,S3	ribosomal protein S3
RPS9	NM_001013.3	S9	ribosomal protein S9
RRM2	NM_001034.1		ribonucleotide reductase regulatory subunit M2
RSAD2	NM_080657.4	cig5,viperin,vig1	radical S-adenosyl methionine domain containing 2
RTN4RL1	NM_178568.2	NGRH2,Ngr3,DKFZp547J144	reticulon 4 receptor like 1
S100A10	NM_002966.1	P11,42C,CLP11,ANX2L,CALL1	S100 calcium binding protein A10
S100A12	NM_005621.1	p6,MRP6,CGRP,CAAF1,CAGC,ENRAGE	S100 calcium binding protein A12
S100B	NM_006272.2	S100beta	S100 calcium binding protein B
S1PR3	NM_005226.2	EDG-3,EDG3	sphingosine-1-phosphate receptor 3
S1PR4	NM_003775.2	EDG6	sphingosine-1-phosphate receptor 4
S1PR5	NM_030760.3	Edg-8,EDG8	sphingosine-1-phosphate receptor 5
SALL1	NM_002968.2	Hsal1,ZNF794,TBS	spalt like transcription factor 1
SELL	NR_029467.1	LSEL,LAM1,LAM-1,HLHRC,Leu-8,Lyam-1,PLNHR,CD62L,LYAM1,LNHR	selectin L
SERPINA3	NM_001085.4	ACT,AACT	serpin family A member 3
SERPINE1	NM_000602.4	PAI,PLANH1,PAI1	serpin family E member 1
SERPINF1	NM_002615.4	EPC-1,PIG35,PEDF	serpin family F member 1
SERPING1	NM_000062.2	C1IN,C1-INH,HAE1,HAE2,C1NH	serpin family G member 1
SESN1	NM_014454.2	SEST1,PA26	sestrin 1
SESN2	NM_031459.3	SES2,DKFZp761M0212,HI95,SEST2	sestrin 2
SETD1A	NM_014712.1	KIAA0339,Set1,KMT2F	SET domain containing 1A
SETD1B	NM_015048.1	KIAA1076,Set1B,KMT2G	SET domain containing 1B
SETD2	NM_014159.6	HYPB,HIF-1,KIAA1732,FLJ23184,KMT3A	SET domain containing 2
SETD7	NM_001306199.1	KIAA1717,SET7,SET7/9,Set9,KMT7	SET domain containing lysine methyltransferase 7
SETDB1	NM_001145415.1	KG1T,KIAA0067,ESET,KMT1E,TDRD21	SET domain bifurcated 1
SFTPD	NM_003019.4	SP-D,COLECT,SFTP4	surfactant protein D
SH2D1A	NM_002351.4	XLP,MTCP1,DSPH,XLPD,EBVS,SAP,IMDS,LYP	SH2 domain containing 1A
SHANK3	NM_001080420.1	SPANK-2,prosp2,KIAA1650,PSAP2	SH3 and multiple ankyrin repeat domains 3
SIGLEC1	NM_023068.3	SIGLEC-1,CD169,FLJ00051,FLJ00055,FLJ00073,FLJ32150,dj1009E24.1,sialo	sialic acid binding Ig like lectin 1
SIGLEC8	NM_014442.2	SIGLEC-8,SAP2,SIGLEC8L,MGC59785	sialic acid binding Ig like lectin 8
SIN3A	NM_015477.1	KIAA0700,DKFZP434K2235	SIN3 transcription regulator family member A
SIRT1	NM_012238.4	SIR2L1	sirtuin 1
SLAMF8	NM_020125.2	BLAME,SBB142,CD353	SLAM family member 8
SLAMF9	NM_001146173.1	CD2F-10,CD84-H1,SF2001	SLAM family member 9
SLC10A6	NM_197965.2	SOAT	solute carrier family 10 member 6
SLC17A6	NM_020346.2	DNPI,VGLUT2	solute carrier family 17 member 6
SLC17A7	NM_020309.2	BNPI,VGLUT1	solute carrier family 17 member 7
SLC1A3	NM_004172.4	EAAT3,GLAST,EA6	solute carrier family 1 member 3
SLC2A1	NM_006516.2	DYT18,DYTR,GLUT1,GLUT,HTLV,HLV,CSE	solute carrier family 2 member 1
SLC2A5	NM_003039.2	GLUT5	solute carrier family 2 member 5
SLC44A1	NM_001286730.1	CDw92,CTL1,CHTL1,CD92,CDW92	solute carrier family 44 member 1
SLCGA1	NM_003042.3	GAT1,GABAT8,GABATHG	solute carrier family 6 member 1

SLCO2B1	NM_001145212.2	OATP-B,OATP2B1,SLC21A9	solute carrier organic anion transporter family member 2B1
SLFN11	NM_001104587.1	FLJ34922	sclafen family member 11
SMARCA4	NM_001128849.1	hSNF2b,BRG1,BAF190,SNF2,SWI2,SNF2-BETA,SNF2L,FLJ39786,SNF2L4	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 4
SMARCA5	NM_003601.2	HSNF2H,hSNW1,ISWI	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 5
SMARCD1	NM_003076.4	BAF60A,Rsc6p,CRACD1	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 1
SMC1A	NM_006306.2	DXS423E,KIAA0178,SB1.8,Smcb,SMC1L1	structural maintenance of chromosomes 1A
SNCA	NM_000345.2	NACP,PD1,PARK1,PARK4	synuclein alpha
SOCS3	NM_003955.3	SSI-3,CIS3,SOCS-3,Cish3	suppressor of cytokine signaling 3
SOD2	NM_000636.2		superoxide dismutase 2
SOX10	NM_006941.3	DOM,WS4,WS2E	SRY-box 10
SOX4	NM_003107.2		SRY-box 4
SOX9	NM_000346.2	SRA1,CMD1,CMPD1	SRY-box 9
SPHK1	NM_021972.2	SPHK	sphingosine kinase 1
SPIB	NM_003121.3	SPI-B	Spl-B transcription factor
SPIN1	NM_001032367.1	HAI,MANSC2	serine peptidase inhibitor, Kunitz type 1
SPP1	NM_000582.2	BSP1,ETA-1,BNSP,OPN	secreted phosphoprotein 1
SQSTM1	NM_003900.3	p62,p60,p62B,A1170,PDB3,OSIL	sequestosome 1
SRGN	NR_036430.1	PPG,PRG,PRG1	serglycin
SRXN1	NM_080725.1	Npn3,SRX1,XKLO86W,dj850E9.2,C20orf139	sulfiredoxin 1
ST3GAL6	NM_006100.2	ST3GALVI,SIAT10	ST3 beta-galactoside alpha-2,3-sialyltransferase 6
ST8SIA6	NM_001004470.1	SIAT8F	ST8 alpha-N-acetyl-neuraminidase alpha-2,8-sialyltransferase 6
STAT1	NM_139266.1	STAT9,ISGF-3	signal transducer and activator of transcription 1
STEAP4	NM_024636.2	FLJ23153,TIARP,STAMP2,SchLAH,TNF-FAIP9	STEAP4 metalloenductase
STMN1	NM_203401.1	SMN,OP18,PR22,PP19,PP17,Lag,FLJ32206,LAP18,C1orf215	stathmin 1
STX18	NM_016930.2	Ufe1	syntaxin 18
SUMO1	NM_003352.4	PIC1,GMP1,SMT3C,SUMO-1,SMT3H3,OFC10,UBL1	small ubiquitin-like modifier 1
SUV39H1	NM_003173.2	KMT1A,SUV39H	suppressor of variegation 3-9 homolog 1
SUV39H2	NM_024670.3	FLJ23414,KMT1B	suppressor of variegation 3-9 homolog 2
SUZ12	NM_015355.2	JJAZ1,KIAA0160,CHET9	SUZ12 polycomb repressive complex 2 subunit
SYK	NM_003177.5		spleen associated tyrosine kinase
SYN2	NM_003178.5	SYNII,SYNIIa,SYNIIb	synapsin II
SYT	NM_003179.2	MRX96	synaptophysin
TARBP2	NM_134324.2	Trbp	TARBP2, RISC loading complex RNA binding subunit
TBC1D4	NM_014832.2	KIAA0603,AS160,DKFZp779C0666	TBC1 domain family member 4
TBR1	NM_006593.2		T-box, brain 1
TBX21	NM_013351.1	TBLYM,T-bet	T-box 21
TCIRG1	NM_006053.2	TIRC7,OC-116,OC116,ATP6N1C,Atp6i,a3,ATP6VOA3	T-cell immune regulator 1, ATPase H+ transporting V0 subunit a3
TCL1A	NR_049726.1	TCL1	T-cell leukemia/lymphoma 1A
TET1	NM_030625.2	LXC,KIAA1676,ba119F7.1,CXXC6	tet methylcytosine dioxygenase 1
TFG	NM_001007565.1	TF6,FLJ36137,SPG57	TRK-fused gene
TGFA	NM_001099691.1		transforming growth factor alpha
TGFB1	NM_000660.3	CED,TGFBeta,TGFB,DPD1	transforming growth factor beta 1
TGFBRI	NM_004612.2	ALK-5,ACVRLK4,ALK5,MSSE,ESS1	transforming growth factor beta receptor 1
TGM1	NM_000359.2	TGASE,TGK,LJ,LJ1,ICR2	transglutaminase 1
TGM2	NM_004613.2	TGC	transglutaminase 2
TIE1	NM_005424.2	JTK14,TIE	tyrosine kinase with immunoglobulin like and EGF like domains 1
TIMLESS	NM_003920.2	hTIM,TIM,TIM1	timeless circadian regulator
TIMP1	NM_003254.2	EPO,TIMP,CLGI	TIMP metalloproteinase inhibitor 1
TLE3	NM_001105192.1	ESG,ESG3,KIAA1547,HsT18976,GRG3	transducin like enhancer of split 3
TLR2	NM_003264.3	TIL4,CD282	toll like receptor 2
TLR4	NM_138554.2	hToll,CD284,TLR-4,ARMD10	toll like receptor 4
TLR7	NM_016562.3		toll like receptor 7
TM4SF1	NM_014220.2	L6,M3S1	transmembrane 4 L six family member 1
TMC7	NM_001324265.1	FLJ21240	transmembrane channel like 7
TMCC3	NM_020698.2	KIAA1145	transmembrane and coiled-coil domain family 3
TMEM100	NM_018286.2	FLJ10970,FLJ37856	transmembrane protein 100
TMEM119	NM_181724.2		transmembrane protein 119
TMEM144	NM_018342.4	FLJ11155	transmembrane protein 144
TMEM173	NM_198282.1	FLJ38577,NET23,ERIS,MPYS,STING,MITA	transmembrane protein 173
TMEM204	NM_024600.4	FLJ20898,CLP24,C16orf30	transmembrane protein 204
TMEM206	NM_018252.2	FLJ10874,C1orf75	transmembrane protein 206
TMEM37	NM_183240.2	PR1,PR	transmembrane protein 37
TMEM64	NM_001008495.3	DKFZp762C1112	transmembrane protein 64
TMEM88B	NM_001146685.1		transmembrane protein 88B
TNF	NM_000594.2	TNFSF2,DIF,TNF-alpha,TNFA	tumor necrosis factor
TNFRSF10B	NM_003842.3	DR5,KILLER,TRICK2A,TRAIL-R2,TRICKB,CD262	TNF receptor superfamily member 10b
TNFRSF11B	NM_002546.2	OCIF,TR1,OPG	TNF receptor superfamily member 11b
TNFRSF12A	NM_016639.1	FN14,TweakR,CD266	TNF receptor superfamily member 12A
TNFRSF13C	NM_052945.3	BAFFR,CD268	TNF receptor superfamily member 13C
TNFRSF17	NM_001192.2	BCM,CD269,TNFRSF13A,BCMA	TNF receptor superfamily member 17
TNFRSF1A	NM_001065.2	TNF-R,TNFAR,TNFR60,TNF-R-1,CD120a,TNF-R55,TNFR1	TNF receptor superfamily member 1A
TNFRSF1B	NM_001066.2	TNFR,TNFR80,TNF-R75,TNF-R-1,p75,CD120b,TNFR2	TNF receptor superfamily member 1B
TNFRSF25	NM_001039664.1	DR3,TRAMP,WSL-1,LARD,WSL-LR,DDR3,TR3,APO-3,TNFRSF12	TNF receptor superfamily member 25
TNFRSF4	NM_003327.3	ACT35,OX40,CD134,TXGP1L	TNF receptor superfamily member 4
TNFSF10	NM_003810.2	TRAIL,Apo-2L,TL2,CD253	TNF superfamily member 10
TNFSF12	NM_003809.2	TWEAK,DR3LG,APO3L	TNF superfamily member 12
TNFSF13B	NM_001145645.2	BAFF,THANK,BLYS,TALL-1,TALL1,CD257,TNFSF20	TNF superfamily member 13b
TNFSF4	NM_003326.2	OX-40L,gp34,CD252,TXGP1	TNF superfamily member 4
TNFSF8	NM_001244.3	CD153,CD30LG	TNF superfamily member 8
TOP2A	NM_001067.3	TOP2	DNA topoisomerase II alpha
TOPBP1	NM_007027.3	KIAA0259,TOP2BP1	DNA topoisomerase II binding protein 1
TP53	NM_000546.2	p53,LF51	tumor protein p53
TP53BP2	NM_001031685.2	PPP1R13A,ASPP2,S3BP2	tumor protein p53 binding protein 2
TP73	NM_005427.2	P73	tumor protein p73
TPD52	NM_005079.2	D52,hD52,N8L	tumor protein D52
TPSB2	NM_024164.5		trypsin beta 2 (gene/pseudogene)
TRADD	NM_003789.2	Hs.89862	TNFRSF1A associated via death domain
TRAF1	NM_005658.3	EBI6	TNF receptor associated factor 1
TRAF2	NM_021138.3	TRAP3	TNF receptor associated factor 2
TRAF3	NM_145725.2	CAP-1,CD40bp,CRAF1,LAP1	TNF receptor associated factor 3
TRAF6	NM_145803.2	RNF85	TNF receptor associated factor 6
TRAT1	NM_016388.2	HSPC062,TRIM,TCRIM	T-cell receptor associated transmembrane adaptor 1
TREM1	NM_001242589.1	TREM-1,CD354	triggering receptor expressed on myeloid cells 1
TREM2	NM_018965.3	TREM-2,Trem2a,Trem2b,Trem2c	triggering receptor expressed on myeloid cells 2
TRIM47	NM_033452.2	GOA,RNF100	tripartite motif containing 47
TRPA1	NM_007332.2	ANKTM1	transient receptor potential cation channel subfamily A member 1
TRPM4	NM_001195227.1	FLJ20041	transient receptor potential cation channel subfamily M member 4
TSPAN18	NM_130783.4	TSPAN	tetraspanin 18
TTR	NM_000371.3	HsT2651,CTS,PALB,CTS1	transthyretin
TUBB3	NM_006086.2	beta-4,CFEOM3,CFEOM3A,FEOM3	tubulin beta 3 class III
TUBB4A	NM_006087.2	beta-5,TUBB4,DYT4	tubulin beta 4A class IVa
TXNRD1	NM_001093771.1	TXNR,GRIM-12,Txrr1	thioredoxin reductase 1
TYROBP	NM_003332.3	DAP12,PLO-SL,KARAP,PLOSL	TYRO protein tyrosine kinase binding protein
UGT8	NM_001128174.1	CGT	UDP glycosyltransferase 8
ULK1	NM_003565.1	ATG1,ATG1A	unc-51 like autophagy activating kinase 1
UNG	NM_003362.3	UDG,UNG1,UNG2,HIGM4,DGU	uracil DNA glycosylase
UTY	NM_007125.3	KDM6A,KDM6C	ubiquitously transcribed tetratricopeptide repeat containing, Y-linked
VAMP7	NM_005638.5	VAMP-7,TI-VAMP,SYBL1	vesicle associated membrane protein 7

VAV1	NM_005428.2	VAV	vav guanine nucleotide exchange factor 1
VEGFA	NM_001025366.1	VEGF-A,VPF,VEGF	vascular endothelial growth factor A
VIM	NM_003380.2		vimentin
VPS4A	NM_013245.2	VPS4,VPS4-1,FLJ22197,SKD2,SKD1,SKD1A	vacuolar protein sorting 4 homolog A
VPS4B	NM_004869.3	VPS4-2,SKD1B,SKD1	vacuolar protein sorting 4 homolog B
WAS	NM_000377.2	WASP,WASPA,IMD2,THC	Wiskott-Aldrich syndrome
WDR5	NM_017588.2	SWD3,CFAP89	WD repeat domain 5
XCL1	NM_002995.2	LPTN,ATAC,SCM-1a,SCM-1,LTN,SCYC1	X-C motif chemokine ligand 1
XIAP	NM_001167.3	hIAP,API3,BIRC4	X-linked inhibitor of apoptosis
XRCC6	NM_001469.3	D225731,D225671,KU70,ML8,G22P1	X-ray repair cross complementing 6
ZBP1	NM_001160419.2	dI71817.3,DUM1,DUM-1,DAI,C20orf183	Z-DNA binding protein 1
ZNF367	NM_153695.2	FLJ33970	zinc finger protein 367
Internal Reference Genes			
AARS	NM_001605.2	CMT2N,AlaRS	alanyl-tRNA synthetase
ASB7	NM_024708.3		ankyrin repeat and SOCS box containing 7
CCDC127	NM_145265.2	FLJ25701	coiled-coil domain containing 127
CNOT10	NM_001256741.1	FLJ12890,FLJ13165	CCR4-NOT transcription complex subunit 10
CSNK2A2	NM_001896.2	CSNK2A1,CK2alpha'	casein kinase 2 alpha 2
FAM104A	NM_032837.2	FLJ14775	family with sequence similarity 104 member A
GUSB	NM_000181.3		glucuronidase beta
LARS	NM_020117.9	HSPC192,FLI10595,FLJ21788,LARS1,LEUS,RNTLS	leucyl-tRNA synthetase
MTO1	NM_133645.2		mitochondrial tRNA translation optimization 1
SPT7L	NM_014860.2	STAF65gamma,KIAA0764,SPT7L,STAF65	SPT7 like, STAGA complex gamma subunit
TADA2B	NM_152293.2	MGC21874	transcriptional adaptor 2B
TBP	NM_001172085.1	TFIID,GTf2D1,SCA17	TATA-box binding protein
XPNPEP1	NR_030724.1	XPNPEP,XPNPEPL1,XPNPEPL	X-prolyl aminopeptidase 1