

Gene Symbol	Accession	Alias/Prev Symbol	Official Full Name
ACTG2	NM_001615.3	ACTL3, ACTA3, ACTSG	actin, gamma 2, smooth muscle, enteric
AKT3	NM_005465.4		v-akt murine thymoma viral oncogene homolog 3
ALCAM	NM_001627.3		activated leukocyte cell adhesion molecule
ANP32B	NM_006401.2		acidic (leucine-rich) nuclear phosphoprotein 32 family, member B
APOE	NM_000041.2		apolipoprotein E
ASF1A	NM_014034.2		anti-silencing function 1A histone chaperone
ATM	NM_138292.3	ATA, ATDC, ATC, ATD, TEL1, TELO1	ataxia telangiectasia mutated
BATF	NM_006399.3		basic leucine zipper transcription factor, ATF-like
BCL2	NM_000657.2		B-cell CLL/lymphoma 2
BCL6	NM_001706.2	ZNF51, ZBTB27, LAZ3, BCL5, BCL6A	B-cell CLL/lymphoma 6
BIRC5	NM_001168.2	API4, EPR-1, survivin	baculoviral IAP repeat containing 5
BLK	NM_001715.2		B lymphoid tyrosine kinase
BORA	NM_024808.2	C13orf34, FLJ22624	bora, aurora kinase A activator
CCL1	NM_002981.1	SCYA1, I-309, TCA3, P500, SISE	chemokine (C-C motif) ligand 1
CCL13	NM_005408.2	SCYA13, MCP-4, NCC-1, SCYL1, CKb	chemokine (C-C motif) ligand 13
CCL17	NM_002987.2	SCYA17, TARC, ABCD-2	chemokine (C-C motif) ligand 17
CCL22	NM_002990.3	SCYA22, MDC, STCP-1, ABCD-1, DC/	chemokine (C-C motif) ligand 22
CCL7	NM_006273.2	SCYA6, SCYA7, MCP-3, NC28, FIC, M	chemokine (C-C motif) ligand 7
CCR2	NM_001123041.2	CMKBR2, CC-CKR-2, CKR2, MCP-1-R	chemokine (C-C motif) receptor 2
CCR3	NM_001837.2	CMKBR3, CC-CKR-3, CKR3, CD193	chemokine (C-C motif) receptor 3
CD14	NM_000591.2		CD14 molecule
CD160	NM_007053.2		CD160 molecule
CD19	NM_001770.4		CD19 molecule
CD1A	NM_001763.2		CD1a molecule
CD1B	NM_001764.2		CD1b molecule
CD1D	NM_001766.3		CD1d molecule
CD1E	NM_001042583.1		CD1e molecule
CD2	NM_001767.3		CD2 molecule
CD209	NM_021155.2		CD209 molecule
CD274	NM_014143.3	PDCD1LG1, B7-H, B7H1, PD-L1, PDL	CD274 molecule
CD28	NM_001243078.1		CD28 molecule
CD33	NM_001177608.1		CD33 molecule
CD38	NM_001775.2		CD38 molecule
CD3E	NM_000733.2		CD3e molecule, epsilon (CD3-TCR complex)
CD3G	NM_000073.2		CD3g molecule, gamma (CD3-TCR complex)
CD40	NM_001250.4	TNFRSF5, p50, Bp50	CD40 molecule, TNF receptor superfamily member 5
CD44	NM_001001392.1	MIC4, MDU2, MDU3, IN, MC56, Pgp1	CD44 molecule (Indian blood group)
CD6	NM_006725.4		CD6 molecule
CD68	NM_001251.2		CD68 molecule
CD8A	NM_001768.5		CD8a molecule
CD8B	NM_004931.3		CD8b molecule
CDC25C	NM_001790.2	CDC25, PPP1R60	cell division cycle 25C
CDC7	NM_003503.2	CDC7L1, Hsk1, huCdc7, HsCdc7	cell division cycle 7
CEACAM8	NM_001816.3	CGM6, CD66b	carcinoembryonic antigen-related cell adhesion molecule 8
CENPF	NM_016343.3		centromere protein F, 350/400kDa
CHIT1	NM_003465.2		chitinase 1 (chitotriosidase)
CMA1	NM_001836.2		chymase 1, mast cell
COL1A1	NM_000088.3		collagen, type I, alpha 1
COL1A2	NM_000089.3		collagen, type I, alpha 2
CPA3	NM_001870.2		carboxypeptidase A3 (mast cell)
CR1	NM_000573.3		complement component (3b/4b) receptor 1 (Knops blood group)
CR2	NM_001006658.1		complement component (3d/Epstein Barr virus) receptor 2
CSF2	NM_000758.2		colony stimulating factor 2 (granulocyte-macrophage)
CSF3R	NM_156038.2	CD114, GCSFR	colony stimulating factor 3 receptor (granulocyte)
CTLA4	NM_005214.3	CELIAC3, CD152, CD, GSE, CD28, IC	cytotoxic T-lymphocyte-associated protein 4
CTSG	NM_001911.2		cathepsin G
CXCL13	NM_006419.2	SCYB13, BLC, BCA-1, BLR1L, ANGIE,	chemokine (C-X-C motif) ligand 13
CXCL5	NM_002994.3	SCYB5, ENA-78	chemokine (C-X-C motif) ligand 5
CXCR6	NM_006564.1		chemokine (C-X-C motif) receptor 6
DCN	NM_001920.3		decorin
DOCK9	NM_001130048.1		dedicator of cytokinesis 9
EBI3	NM_005755.2		Epstein-Barr virus induced 3
ENG	NM_001114753.1	ORW1, ORW, END, HHT1, CD105	endoglin
EPCAM	NM_002354.1	M4S1, MIC18, TACSTD1, Ly74, TROP	epithelial cell adhesion molecule
EWSR1	NM_013986.3		EWS RNA-binding protein 1
F13A1	NM_000129.3		coagulation factor XIII, A1 polypeptide
FBLN1	NM_006487.2		fibulin 1
FCAR	NM_002000.2		Fc fragment of IgA, receptor for
FCER2	NM_002002.4	CD23A, FCE2, CLEC4J, CD23	Fc fragment of IgE, low affinity II, receptor for (CD23)
FCGR3B	NM_000570.4	FCGR3, FCG3, CD16, CD16b	Fc fragment of IgG, low affinity IIIb, receptor (CD16b)
FCRL2	NM_030764.3	SPAP1, FCRH2, IRTA4, CD307b	Fc receptor-like 2
FEZ1	NM_005103.4		fasciculation and elongation protein zeta 1 (zygin I)
FLT1	NM_002019.4	FLT, VEGFR1	fms-related tyrosine kinase 1
FLT3LG	NM_001459.3		fms-related tyrosine kinase 3 ligand
FOXJ1	NM_001454.3	FKHL13, HFH-4, HFH4	forkhead box J1
FOXP3	NM_014009.3	IPEX, JM2, XPID, AIID, PIDX, DIETER	forkhead box P3
FPR1	NM_002029.3		formyl peptide receptor 1
FPR2	NM_001462.3	FPRL1, LXA4R, HM63, FPRH2, FMLP,	formyl peptide receptor 2
FRYL	NM_015030.1	KIAA0826, DKFZp686E205	FRY-like
FUT4	NM_002033.2	CD15, FCT3A, ELFT, FUC-TIV	fucosyltransferase 4 (alpha (1,3) fucosyltransferase, myeloid-specific)
FUT5	NM_002034.2		fucosyltransferase 5 (alpha (1,3) fucosyltransferase)
GATA3	NM_001002295.1		GATA binding protein 3
GNLY	NM_006433.2	LAG2, NKG5, LAG-2, D2S69E, TLA51	granulysin
GTF3C1	NM_001520.3		general transcription factor IIIC, polypeptide 1, alpha 220kDa
GZMA	NM_006144.2		granzyme A (granzyme 1, cytotoxic T-lymphocyte-associated serine esterase 3)

GZMB	NM_004131.3	CTLA1, CSPB, CCPI, CGL-1, CSP-B, (granzyme B (granzyme 2, cytotoxic T-lymphocyte-associated serine esterase 1)
GZMH	NM_033423.3	CTSG2, CGL-2, CCP-X, CTLA1, CSP	granzyme H (cathepsin G-like 2, protein h-CCPX)
GZMM	NM_005317.2		granzyme M (lymphocyte met-ase 1)
HDC	NM_002112.3		histidine decarboxylase
HELLS	NM_018063.3		helicase, lymphoid-specific
HLA-DOB	NM_002120.3		major histocompatibility complex, class II, DO beta
HSD11B1	NM_181755.1	HSD11B, HSD11, SDR26C1	hydroxysteroid (11-beta) dehydrogenase 1
ICAM2	NM_000873.3		intercellular adhesion molecule 2
ICOS	NM_012092.2		inducible T-cell co-stimulator
IDO1	NM_002164.3		indoleamine 2,3-dioxygenase 1
IFNG	NM_000619.2		interferon, gamma
IL12RB2	NM_001559.2		interleukin 12 receptor, beta 2
IL17A	NM_002190.2	CTLA8, IL17, IL-17A, IL-17	interleukin 17A
IL17RA	NM_014339.6	IL17R, hIL-17R, IL-17RA, CDw217, C	interleukin 17 receptor A
IL1R1	NM_000877.2	IL1R, IL1RA, D2S1473, CD121A	interleukin 1 receptor, type I
IL21R	NM_021798.2		interleukin 21 receptor
IL26	NM_018402.1		interleukin 26
IL3RA	NM_002183.2		interleukin 3 receptor, alpha (low affinity)
IL4R	NM_000418.2		interleukin 4 receptor
IL5RA	NM_000564.3	IL5R, CDw125, CD125	interleukin 5 receptor, alpha
ITGAM	NM_000632.3	CR3A, CD11B, MAC-1, CD11b	integrin, alpha M (complement component 3 receptor 3 subunit)
ITGAX	NM_000887.3	CD11C, CD11c	integrin, alpha X (complement component 3 receptor 4 subunit)
KDR	NM_002253.2		kinase insert domain receptor (a type III receptor tyrosine kinase)
KIAA0125	NM_014792.2	FAM30A, C14orf110, HSPC053	KIAA0125
KIT	NM_000222.2	PBT, CD117, SCFR, C-Kit	v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog
KLRB1	NM_002258.2	NKR, CD161, NKR-P1, NKR-P1A, hNK	killer cell lectin-like receptor subfamily B, member 1
KLRD1	NM_002262.3		killer cell lectin-like receptor subfamily D, member 1
KLRF1	NM_016523.1		killer cell lectin-like receptor subfamily F, member 1
KRT18	NM_000224.2		keratin 18
KRT5	NM_000424.2	EBS2, KRT5A	keratin 5
KRT8	NM_002273.3		keratin 8
LAIR2	NM_002288.3		leukocyte-associated immunoglobulin-like receptor 2
LAMP3	NM_014398.3		lysosomal-associated membrane protein 3
LGALS3	NM_001177388.1	LGALS2, MAC-2, GALIG	lectin, galactoside-binding, soluble, 3
LRBA	NM_001199282.2	CDC4L, BGL, LAB300, LBA	LPS-responsive vesicle trafficking, beach and anchor containing
LTA	NM_000595.2	TNFB, TNFSF1, LT	lymphotoxin alpha
LTK	NM_001135685.1		leukocyte receptor tyrosine kinase
MAF	NM_005360.4		v-maf avian musculoaponeurotic fibrosarcoma oncogene homolog
MARCO	NM_006770.3		macrophage receptor with collagenous structure
MME	NM_000902.2		membrane metallo-endopeptidase
MPPED1	NM_001044370.1	C22orf1, 239AB, FAM1A	metallophosphoesterase domain containing 1
MS4A1	NM_152866.2	CD20, B1, Bp35, MS4A2	membrane-spanning 4-domains, subfamily A, member 1
MS4A2	NM_000139.3	FCER1B, IGER, APY, MS4A1	membrane-spanning 4-domains, subfamily A, member 2
MS4A4A	NM_024021.2	MS4A4, CD20L1, MS4A7	membrane-spanning 4-domains, subfamily A, member 4A
MSR1	NM_002445.3		macrophage scavenger receptor 1
MYH10	NM_005964.1		myosin, heavy chain 10, non-muscle
MYH11	NM_001040113.1		myosin, heavy chain 11, smooth muscle
MYH9	NM_002473.3	DFNA17, NMMHCA, NMHC-II-A, MHA	myosin, heavy chain 9, non-muscle
MYOCD	NM_001146312.1		myocardin
NCR1	NM_004829.5	LY94, NK-p46, NKP46, CD335	natural cytotoxicity triggering receptor 1
NEFL	NM_006158.3		neurofilament, light polypeptide
NEIL3	NM_018248.2		nei endonuclease VIII-like 3 (E. coli)
NFATC4	NM_001136022.2		nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 4
NKG7	NM_005601.3		natural killer cell group 7 sequence
NOS3	NM_000603.4		nitric oxide synthase 3 (endothelial cell)
NUP107	NM_020401.2		nucleoporin 107kDa
OAS3	NM_006187.2		2'-5'-oligoadenylate synthetase 3, 100kDa
PDCD1	NM_005018.1		programmed cell death 1
PECAM1	NM_000442.3		platelet/endothelial cell adhesion molecule 1
PHF10	NM_133325.2		PHD finger protein 10
PLA2G6	NM_001004426.1		phospholipase A2, group VI (cytosolic, calcium-independent)
PMCH	NM_002674.2		pro-melanin-concentrating hormone
PNOC	NM_006228.3		prepronociceptin
PRF1	NM_005041.3		perforin 1 (pore forming protein)
PRG2	NM_002728.4		proteoglycan 2, bone marrow (natural killer cell activator, eosinophil granule major basic protein)
PTGDR2	NM_004778.1	GPR44, CRTH2, CD294, DP2	prostaglandin D2 receptor 2
REPS1	NM_001128617.2		RALBP1 associated Eps domain containing 1
RORC	NM_001001523.1		RAR-related orphan receptor C
RRAD	NM_004165.1		Ras-related associated with diabetes
SELPLG	NM_001206609.1		selectin P ligand
SIGLEC5	NM_003830.2	CD33L2, OB-BP2, SIGLEC-5, CD170	sialic acid binding Ig-like lectin 5
SMAD2	NM_005901.5	MADH2, MADR2, JV18-1	SMAD family member 2
SMPD3	NM_018667.3		sphingomyelin phosphodiesterase 3, neutral membrane (neutral sphingomyelinase II)
SPIB	NM_003121.3		Spi-B transcription factor (Spi-1/PU.1 related)
SPN	NM_003123.3		sialophorin
STAT4	NM_003151.2		signal transducer and activator of transcription 4
STAT6	NM_003153.3		signal transducer and activator of transcription 6, interleukin-4 induced
SYT17	NM_016524.2		synaptotagmin XVII
TAGLN	NM_003186.3		transgelin
TARP	NM_001003799.1	CD3G, TCRG, TCRGV, TCRGC1, TCR	TCR gamma alternate reading frame protein
TBX21	NM_013351.1		T-box 21
TCL1A	NM_001098725.1		T-cell leukemia/lymphoma 1A
TEK	NM_000459.3	VMCM, TIE2, TIE-2, VMCM1, CD202b	TEK tyrosine kinase, endothelial
TFRC	NM_003234.1		transferrin receptor
THBS1	NM_003246.2		thrombospondin 1
TNFRSF17	NM_001192.2	BCMA, BCM, CD269, TNFRSF13A	tumor necrosis factor receptor superfamily, member 17

TPSAB1	NM_003294.3		tryptase alpha/beta 1
TRAT1	NM_016388.2	TCRIM, HSPC062, TRIM	T cell receptor associated transmembrane adaptor 1
USP9Y	NM_004654.3		ubiquitin specific peptidase 9, Y-linked
VCAM1	NM_001078.3		vascular cell adhesion molecule 1
VTCN1	NM_024626.2		V-set domain containing T cell activation inhibitor 1
VWF	NM_000552.3		von Willebrand factor
WDHD1	NM_001008396.2		WD repeat and HMG-box DNA binding protein 1
XCL1	NM_002995.1	LTN, SCYC1, LPTN, ATAC, SCM-1a, S	chemokine (C motif) ligand 1
ZNF205	NM_001031686.1	ZNF210, Zfp13	zinc finger protein 205
CC2D1B	NM_032449.2		coiled-coil and C2 domain containing 1B
COG7	NM_153603.3		component of oligomeric golgi complex 7
EDC3	NM_001142443.1	YJDC, LSM16, FLJ21128, hYjeF_N2-	enhancer of mRNA decapping 3
GPATCH3	NM_022078.2	GPATC3, FLJ12455	G patch domain containing 3
HDAC3	NM_003883.2		histone deacetylase 3
MTMR14	NM_022485.3	C3orf29, FLJ22405, FLJ90311, hJun	myotubularin related protein 14
NUBP1	NM_001278506.1	NBP1, NBP35	nucleotide binding protein 1
PRPF38A	NM_032864.3		pre-mRNA processing factor 38A
SAP130	NM_024545.3		Sin3A-associated protein, 130kDa
SF3A3	NM_006802.2		splicing factor 3a, subunit 3, 60kDa
TLK2	NM_006852.2		tousled-like kinase 2
ZC3H14	NM_001160103.1		zinc finger CCCH-type containing 14