

Gene Name	Accession	Alias / Prev Symbol	Official Full Name
C1s	NM_144938.2	AA959438, AI255193, AI327365, C1sa	complement component 1, s subcomponent
C4a	NM_011413.2	Slp	complement component 4A (Rodgers blood group)
C7	XM_356827.6	A530026G17, Gm1238	complement component 7
Ccl19	NM_011888.2	CKb11, ELC, MIP3B, Scya19, exodus-3	chemokine (C-C motif) ligand 19
Ccl21a	NM_011124.4	6CKBAC2, 6Ckine, ALP, AW987545, CKb9, SCYA21a, SLC, Scya21,	chemokine (C-C motif) ligand 21A (serine)
Ccl8	NM_021443.2	1810063B20Rik, AB023418, HC14, MCP-2, Mcp2, Scya8	chemokine (C-C motif) ligand 8
Chi3l3	NM_009892.1		chitinase 3-like 3
Defa-rs1	NM_007844.2	2010300L12Rik, 2010319H24Rik, CRS1C, CRS1C-2, CRS1C-5, Defc	defensin, alpha, related sequence 1
Ifit3	NM_010501.1	Ifi49, P49	interferon-induced protein with tetratricopeptide repeats 3
Ifna1	NM_010502.2	Ifa1	interferon alpha 1
Il1a	NM_010554.4	Il-1a	interleukin 1 alpha
Il22	NM_016971.1	IL-22, IL-22a, ILTIFa, Iltif	interleukin 22
Rhoa	NM_016802.4	Arha, Arha1, Arha2	ras homolog gene family, member A
Ager	NM_007425.2	RAGE	advanced glycosylation end product-specific receptor
Alox12	NM_007440.4	9930022G08Rik, Alox12p, P-12LO	arachidonate 12-lipoxygenase
Alox15	NM_009660.3	12-LO, 12/15-LO, 15-LOX, Alox12l, L-12LO	arachidonate 15-lipoxygenase
Alox5	NM_009662.2	5-LO, 5-LOX, 5LO, 5LX, AI850497, F730011J02	arachidonate 5-lipoxygenase
Areg	NM_009704.3	AR, Sdgp	amphiregulin
Arg1	NM_007482.3	AI, AI256583, Arg-1, PGIF	arginase, liver
Atf2	NM_001025093.1	Atf-2, CRE-BP, Creb2, D130078H02Rik, D18875, Tg(Gzma-Klra1)7W	activating transcription factor 2
Bcl2l1	NM_009743.4	Bcl(X)L, Bcl-XL, Bcl2l, BclX, bcl-x, bcl2-L-1	BCL2-like 1
Bcl6	NM_009744.3	Bcl5	B cell leukemia/lymphoma 6
Birc2	NM_007465.2	AW146227, Api1, Api2, Birc3, HIAP1, HIAP2, IAP1, IAP2, MIAP1, MIA	baculoviral IAP repeat-containing 2
C1qa	NM_007572.2	AI255395, C1q	complement component 1, q subcomponent, alpha polypeptide
C1qb	NM_009777.2		complement component 1, q subcomponent, beta polypeptide
C1ra	NM_023143.3	AI132558, C1r, mC1rA	complement component 1, r subcomponent A
C2	NM_013484.2		complement component 2 (within H-2S)
C3	NM_009778.2	AI255234, ASP, HSE-MSF, Plp	complement component 3
C3ar1	NM_009779.2	AZ3B, C3AR, HNFAG09	complement component 3a receptor 1
C6	NM_016704.2	AW111623	complement component 6
C8a	NM_146148.1		complement component 8, alpha polypeptide
C8b	NM_133882.2	4930439B20Rik, AI595927	complement component 8, beta polypeptide
C9	NM_013485.1		complement component 9
Ccl11	NM_011330.3	Scya11, eotaxin	chemokine (C-C motif) ligand 11
Ccl17	NM_011332.2	Abcd-2, Scya17, Scya17l, Tarc	chemokine (C-C motif) ligand 17
Ccl2	NM_011333.3	AI323594, HC11, JE, MCAF, MCP-1, MCP1, SMC-CF, Scya2, Sigje	chemokine (C-C motif) ligand 2
Ccl20	NM_016960.1	CKb4, LARC, MIP-3A, MIP-3[a], MIP3A, ST38, Scya20, exodus-1	chemokine (C-C motif) ligand 20
Ccl22	NM_009137.2	ABCD-1, DCBCK, MDC, Scya22	chemokine (C-C motif) ligand 22
Ccl24	NM_019577.4	CKb-6, MPIF-2, Scya24	chemokine (C-C motif) ligand 24
Ccl3	NM_011337.1	AI323804, G0S19-1, LD78alpha, MIP-1alpha, MIP1-(a), MIP1-alpha,	chemokine (C-C motif) ligand 3
Ccl4	NM_013652.1	AT744.1, Act-2, MIP-1B, Mip1b, Scya4	chemokine (C-C motif) ligand 4
Ccl5	NM_013653.1	MuRantes, RANTES, SISd, Scya5, TCP228	chemokine (C-C motif) ligand 5
Ccl7	NM_013654.2	MCP-3, Scya7, fic, marc, mcp3	chemokine (C-C motif) ligand 7
Ccr1	NM_009912.4	Cmkbr1, Mip-1a-R	chemokine (C-C motif) receptor 1
Ccr2	NM_009915.2	Cc-ckr-2, Ccr2a, Ccr2b, Ckr2, Ckr2a, Ckr2b, Cmkbr2, mJe-r	chemokine (C-C motif) receptor 2
Ccr3	NM_009914.4	CC-CKR3, CKR3, Cmkbr1l2, Cmkbr3	chemokine (C-C motif) receptor 3
Ccr4	NM_009916.2	C-C CKR-4, CHEMR1, Cmkbr4, LESTR, Sdf1r	chemokine (C-C motif) receptor 4
Ccr7	NM_007719.2	CD197, Cdw197, Cmkbr7, EBI1, Ebi1h	chemokine (C-C motif) receptor 7
Cd163	NM_053094.2	CD163v2, CD163v3	CD163 antigen
Cd4	NM_013488.2	L3T4, Ly-4	CD4 antigen
Cd40	NM_011611.2	AI326936, Bp50, GP39, HIGM1, IGM, IMD3, T-BAM, TRAP, Tnfrsf5, p	CD40 antigen
Cd40lg	NM_011616.2	CD154, CD40-L, Cd40l, HIGM1, IGM, IMD3, Ly-62, Ly62, T-BAM, TR	CD40 ligand
Cd55	NM_010016.2	Daf, Daf-GPI, Daf1, GPI-DAF	CD55 antigen
Cd86	NM_019388.3	B7, B7-2, B7.2, B70, CLS1, Cd28l2, ETC-1, Ly-58, Ly58, MB7, MB7-2	CD86 antigen
Cdc42	NM_009861.1	AI747189, AU018915	cell division cycle 42
Cebpb	NM_009883.3	C/EBPbeta, CRP2, IL-6DBP, LAP, LIP, NF-IL6, NF-M, Nfil6	CCAAT/enhancer binding protein (C/EBP), beta
Cfb	NM_008198.2	AI195813, AI255840, B, Bf, C2, Fb, H2-Bf	complement factor B
Cfd	NM_013459.1	Adn, DF	complement factor D (adipsin)
Cfi1	NM_007687.5	AA959946, Cof	cofilin 1, non-muscle
Creb1	NM_133828.2	2310001E10Rik, 3526402H21Rik, AV083133, Creb, Creb-1	cAMP responsive element binding protein 1
Crp	NM_007768.4	AI255847	C-reactive protein, pentraxin-related
Csf1	NM_001113530.1	C87615, Csfm, MCSF, op	colony stimulating factor 1 (macrophage)
Csf2	NM_009969.4	Csfgm, GMCSF, Gm-CSf, MGI-IGM	colony stimulating factor 2 (granulocyte-macrophage)
Csf3	NM_009971.1	Csfg, G-CSF, MGI-IG	colony stimulating factor 3 (granulocyte)
Cxcl1	NM_008176.1	Fsp, Gro1, KC, Mgsa, N51, Scyb1, gro	chemokine (C-X-C motif) ligand 1
Cxcl10	NM_021274.1	C7, CRG-2, INP10, IP-10, IP10, Ifi10, Scyb10, gIP-10, mob-1	chemokine (C-X-C motif) ligand 10
Cxcl2	NM_009140.2	CINC-2a, GROb, Gro2, MIP-2, MIP-2a, Mgsa-b, Mip2, Scyb, Scyb2	chemokine (C-X-C motif) ligand 2
Cxcl3	NM_203320.2	Dcip1, Gm1960	chemokine (C-X-C motif) ligand 3
Cxcl5	NM_009141.2	AMCF-II, ENA-78, GCP-2, LIX, Scyb5, Scyb6	chemokine (C-X-C motif) ligand 5
Cxcl9	NM_008599.2	BB139920, CMK, Mig, MuMIG, Scyb9, crg-10	chemokine (C-X-C motif) ligand 9
Cxcr1	NM_178241.4	Il8ra	chemokine (C-X-C motif) receptor 1
Cxcr2	NM_009909.3	CD128, CDw128, Cmkar2, Gpcr16, IL-8Rh, IL-8rb, IL8RA, Il8rb, mL-8	chemokine (C-X-C motif) receptor 2
Cxcr4	NM_009911.3	CD184, Cmkar4, LESTR, PB-CKR, PBSF/SDF-1, Sdf1r	chemokine (C-X-C motif) receptor 4
Cysltr1	NM_021476.4	BB147369, CysLT1R, Cyslt1	cysteinyl leukotriene receptor 1
Cysltr2	NM_001162412.1	2300001H05Rik, CYSLT2R, Cltr2, Cyslt2	cysteinyl leukotriene receptor 2
Daxx	NM_007829.3		Fas death domain-associated protein
Ddit3	NM_007837.3	CHOP-10, CHOP10, chop, gadd153	DNA-damage inducible transcript 3
Elk1	NM_007922.4	Elk-1	ELK1, member of ETS oncogene family
FasL	NM_010177.3	APT1LG1, CD178, CD95-L, CD95L, Fas-L, Faslg, Tnfsf6, gld	Fas ligand (TNF superfamily, member 6)
Flt1	NM_010228.3	AI323757, Flt-1, VEGFR-1, VEGFR1, sFlt1	FMS-like tyrosine kinase 1
Fos	NM_010234.2	D12Rfj1, c-fos, cFos	FBJ osteosarcoma oncogene
Fxyd2	NM_052823.2	Atp1g1	FXYD domain-containing ion transport regulator 2
Gnaq	NM_008139.5	1110005L02Rik, 6230401I02Rik, AA408290, AW060788, Dsk1, Dsk1C	guanine nucleotide binding protein, alpha q polypeptide
Gnas	NM_010309.3	5530400H20Rik, A930027G11Rik, C130027O20Rik, GPSA, GSP, Ga	GNAS (guanine nucleotide binding protein, alpha stimulating) complex locus
Gnb1	NM_008142.3	AA409223, C77571, Gnb-1	guanine nucleotide binding protein (G protein), beta 1
Gngt1	NM_010314.2	G(y)1, Gng1	guanine nucleotide binding protein (G protein), gamma transducing activity polypeptide 1
Gpr44	NM_009962.2	Crth2, Grp45, Ptgr2	G protein-coupled receptor 44
Grb2	NM_008163.3	AA408164, Ash	growth factor receptor bound protein 2

H2-Ea-ps	NM_010381.2	Ai323765, E-alpha-f, H-2Ea, H2-Ea, I-Ealpha, Ia-3, Ia3	histocompatibility 2, class II antigen E alpha, pseudogene
H2-Eb1	NM_010382.2	H-2Eb, H2Eb, Ia-4, Ia4	histocompatibility 2, class II antigen E beta
Hc	NM_010406.1	C5, C5a, He	hemolytic complement
Hdac4	NM_207225.1	4932408F19Rik, AI047285	histone deacetylase 4
Hif1a	NM_010431.2	AA959795, HIF1alpha, MOP1, bHLHe78	hypoxia inducible factor 1, alpha subunit
Hmgb1	NM_010439.3	DEF, HMG-1, Hmg1, SBP-1, amphoterin, p30	high mobility group box 1
Hmgb2	NM_008252.3	C80539, HMG-2, Hmg2	high mobility group box 2
Hmgn1	NM_008251.3	HMG-14, Hmg14	high mobility group nucleosomal binding domain 1
Hras1	NM_008284.2		Harvey rat sarcoma virus oncogene
Hsh2d	NM_197944.1	ALX, Hsh2	hematopoietic SH2 domain containing
Hspb1	NM_013560.2	27kDa, Hsp25	heat shock protein 1
Hspb2	NM_024441.3	27kDa, 2810021G24Rik, HSP27, MKBP	heat shock protein 2
Ifi2712a	NM_029803.1	2310061N23Rik, Ifi27, lsg12, lsg12(b1)	interferon, alpha-inducible protein 27 like 2A
Ifi44	NM_133871.2	A430056A10Rik, AW261460, MTAP44, p44	interferon-induced protein 44
Ifit1	NM_008331.2	ISG56, Ifi56, P56	interferon-induced protein with tetratricopeptide repeats 1
Ifit2	NM_008332.2	AV302338, Ifi54, P54	interferon-induced protein with tetratricopeptide repeats 2
Ifnb1	NM_010510.1	IFN-beta, IFNB, Ifb	interferon beta 1, fibroblast
Ifng	NM_008337.1	IFN-g, Ifg	interferon gamma
ligp1	NM_021792.3	2900074L10Rik, AI046432, AW111922, Ifgga1, ligp, Irga6	interferon inducible GTPase 1
Il10	NM_010548.1	CSIF, Il-10	interleukin 10
Il10rb	NM_008349.5	6620401D04Rik, AI528744, CRF2-4, Crfb4, D16H21S58, D21S58h, Il10rb	interleukin 10 receptor, beta
Il11	NM_008350.2	IL-11	interleukin 11
Il12a	NM_008351.1	IL-12p35, Il-12a, LI12a, p35	interleukin 12a
Il12b	NM_008352.1	Il-12b, Il-12p40, Il12p40, p40	interleukin 12b
Il13	NM_008355.2	Il-13	interleukin 13
Il15	NM_008357.1	AI503618, IL-15	interleukin 15
Il17a	NM_010552.3	Ctla-8, Ctla8, IL-17, IL-17A, Il17	interleukin 17A
Il18	NM_008360.1	Igif, Il-18	interleukin 18
Il18rap	NM_010553.2	AcPL, IL-18R-beta, IL-18RAcP, IL-18Rbeta, IL-1RAcPL	interleukin 18 receptor accessory protein
Il1b	NM_008361.3	IL-1beta, Il-1b	interleukin 1 beta
Il1r1	NM_001123382.1	CD121a, CD121b, IL-iR, Il1r-1	interleukin 1 receptor, type I
Il1rap	NM_008364.2	6430709H04Rik, AI255955, AV239853, IL-1RAcP	interleukin 1 receptor accessory protein
Il1rn	NM_031167.4	F630041P17Rik, IL-1ra	interleukin 1 receptor antagonist
Il2	NM_008366.3	Il-2	interleukin 2
Il21	NM_021782.2		interleukin 21
Il22ra2	NM_178258.5	CRF2-10, CRF2-s1, CRF2X, Il-22bp	interleukin 22 receptor, alpha 2
Il23a	NM_031252.1	IL-23, p19	interleukin 23, alpha subunit p19
Il23r	NM_144548.1	IL-23R	interleukin 23 receptor
Il3	NM_010556.4	BPA, Csfmu, HCGF, Il-3, MCGF, PSF	interleukin 3
Il4	NM_021283.1	BSF-1, Il-4	interleukin 4
Il5	NM_010558.1	Il-5	interleukin 5
Il6	NM_031168.1	Il-6	interleukin 6
Il6ra	NM_010559.2	CD126, IL-6R, Il6r	interleukin 6 receptor, alpha
Il7	NM_008371.2	A630026I06Rik, Il-7, hlb368	interleukin 7
Il9	NM_008373.1	Il-9, P40	interleukin 9
Irf1	NM_008390.1	AU020929, Irf-1	interferon regulatory factor 1
Irf3	NM_016849.3	C920001K05Rik, IRF-3	interferon regulatory factor 3
Irf5	NM_012057.3	AW491843, mirf5	interferon regulatory factor 5
Irf7	NM_016850.2		interferon regulatory factor 7
Itgb2	NM_008404.4	2E6, AI528527, Cd18, LAD, LCAMB, Lfa1, MF17	integrin beta 2
Jun	NM_010591.2	AP-1, Junc, c-jun	jun proto-oncogene
Keap1	NM_016679.4	INRF2, mKIAA0132	kelch-like ECH-associated protein 1
Kng1	NM_023125.3	Kng	kininogen 1
Limk1	NM_010717.2		LIM-domain containing, protein kinase
Lta	NM_010735.1	LT, LT-[a], LT-alpha, LT[a], LAlpha, Ltx, TNF-beta, TNFSF1, Tnfb, Tnfr	lymphotoxin A
Ltb	NM_008518.2	AI662801, LTbeta, Tnfc, Tnfsf3, p33	lymphotoxin B
Ltb4r1	NM_008519.2	BLT1, BLTR, Ltb4r, mBLTR	leukotriene B4 receptor 1
Ltb4r2	NM_020490.2	5830462O07Rik, BLT2, LTB4-R 2, LTB4-R-2, LTB4-R2	leukotriene B4 receptor 2
Ly96	NM_016923.1	ESOP-1, MD-2, MD2	lymphocyte antigen 96
Maff	NM_010755.3		v-maf musculoaponeurotic fibrosarcoma oncogene family, protein F (avian)
Mafg	XM_001002362.1	AA545192, C630022N07Rik	v-maf musculoaponeurotic fibrosarcoma oncogene family, protein G (avian)
Mafk	NM_010757.2	AW061068, NF-E2, Nfe2u	v-maf musculoaponeurotic fibrosarcoma oncogene family, protein K (avian)
Map2k1	NM_008927.3	MAPKK1, MEKK1, Mek1, Prkmk1	mitogen-activated protein kinase kinase 1
Map2k4	NM_009157.4	JNKK1, MEK4, MKK4, PRKMK4, Sek1, Serk1	mitogen-activated protein kinase kinase 4
Map2k6	NM_011943.2	MEK6, MKK6, Prkmk6, SAPKK3	mitogen-activated protein kinase kinase 6
Map3k1	NM_011945.2	MAPKKK1, MEKK1, Mekk	mitogen-activated protein kinase kinase kinase 1
Map3k5	NM_008580.4	7420452D20Rik, ASK, ASK1, MAPKKK5, Mekk5	mitogen-activated protein kinase kinase kinase 5
Map3k7	NM_172688.2	B430101B05, C87327, Tak1	mitogen-activated protein kinase kinase kinase 7
Map3k9	NM_177395.4	E130314H24Rik, Mlk1, Prke1	mitogen-activated protein kinase kinase kinase 9
Mapk1	NM_001038663.1	9030612K14Rik, AA407128, AU018647, C78273, ERK, Erk2, MAPK2	mitogen-activated protein kinase 1
Mapk14	NM_011951.2	CSBP2, Crk1, Csbp1, Mxi2, PRKM14, PRKM15, p38, p38-alpha, p38	mitogen-activated protein kinase 14
Mapk3	NM_011952.2	Erk-1, Erk1, Ert2, Esrk1, Mnk1, Mtap2k, Prkm3, p44, p44erk1, p44mapk	mitogen-activated protein kinase 3
Mapk8	NM_016700.3	AI849689, JNK, JNK1, Prkm8, SAPK1	mitogen-activated protein kinase 8
Mapkapk2	NM_008551.1	AA960234, MAPKAP-K2, MK-2, MK2, Rps6kc1	MAP kinase-activated protein kinase 2
Mapkapk5	XM_990515.1	MK5, PRAK	MAP kinase-activated protein kinase 5
Masp1	NM_008555.2	AW048060, CCP1I, Crarf, Masp1/3	mannan-binding lectin serine peptidase 1
Masp2	NM_010767.3	MASP-2, MAp19	mannan-binding lectin serine peptidase 2
Max	NM_008558.1	AA960152, AI875693, bHLHd4, bHLHd5, bHLHd6, bHLHd7, bHLHd8	Max protein
Mbl2	NM_010776.1	L-MBP, MBL, MBL-C, MBP-C	mannose-binding lectin (protein C) 2
Mef2a	XM_976032.1	A430079H05Rik	myocyte enhancer factor 2A
Mef2b	NM_001045484.1	AI451606	myocyte enhancer factor 2B
Mef2c_Mm	NM_025282.2		myocyte enhancer factor 2C
Mef2d	NM_133665.3	C80750	myocyte enhancer factor 2D
Mknk1	NM_021461.4	2410048M24Rik, Mnk1	MAP kinase-interacting serine/threonine kinase 1
Mmp3	NM_010809.1	SLN-1, SLN1, STR-1, Stmy1, Str1	matrix metalloproteinase 3
Mmp9	NM_013599.2	AW743869, B/MMP9, Cig4b, MMP-9, pro-MMP-9	matrix metalloproteinase 9
Mrc1	NM_008625.1	AW259686, CD206, MR	mannose receptor, C type 1
Mx1	NM_010846.1	AI893580, Mx, Mx-1	myxovirus (influenza virus) resistance 1
Mx2	NM_013606.1	AI528743, Mx-2	myxovirus (influenza virus) resistance 2

Myc	NM_010849.4	AU016757, Myc2, Niard, Nird, bHLHe39	myelocytomatosis oncogene
Myd88	NM_010851.2		0 myeloid differentiation primary response gene 88
Myl2	NM_010861.3	MLC-2, MLC-2v, Mlc2v, Mylpc	myosin, light polypeptide 2, regulatory, cardiac, slow
Nfatc3	NM_010901.2	C80703, D8Erttd281e, NFAT4, NFATx	nuclear factor of activated T cells, cytoplasmic, calcineurin dependent 3
Nfe2l2	NM_010902.3	A1194320, Nrf2	nuclear factor, erythroid derived 2, like 2
Nfkb1	NM_008689.2	NF-KB1, NF-kappaB, NF-kappaB1, p105, p50, p50/p105	nuclear factor of kappa light polypeptide gene enhancer in B cells 1, p105
Nlrp3	NM_145827.3	AGTAVPRL, AII/AVP, Cias1, FCAS, FCU, MWS, Mmig1, NALP3, Pypa	NLR family, pyrin domain containing 3
Nod1	NM_172729.2	C230079P11, Card4, F830007N14Rik, Nlrc1	nucleotide-binding oligomerization domain containing 1
Nod2	NM_145857.2	ACUG, BLAU, CD, Card15, F830032C23Rik, IBD1, Nlrc2	nucleotide-binding oligomerization domain containing 2
Nos2	NM_010927.3	NOS-II, Nos-2, Nos2a, i-NOS, iNOS	nitric oxide synthase 2, inducible
Nox1	NM_172203.1	GP91-2, MOX1, NOH-1, NOH1, NOX1a, NOX1alpha, Nox-1	NADPH oxidase 1
Nr3c1	NM_008173.3	GR, Grl-1, Grl1	nuclear receptor subfamily 3, group C, member 1
Oas1a	NM_145211.2	L3	2'-5' oligoadenylate synthetase 1A
Oas2	NM_145227.2	Oasl11	2'-5' oligoadenylate synthetase 2
Oasl1	NM_145209.2	7530414C13Rik, oasl9	2'-5' oligoadenylate synthetase-like 1
Pdgfa	NM_008808.3		platelet derived growth factor, alpha
Pik3c2g	NM_011084.2	C80387, PI3K-C2-gamma	phosphatidylinositol 3-kinase, C2 domain containing, gamma polypeptide
Pla2g4a	NM_008869.2	Pla2g4, cPLA2, cPLA2alpha	phospholipase A2, group IVA (cytosolic, calcium-dependent)
Plcb1	NM_019677.1	3110043I21Rik, A1132408, Plcb, mKIAA0581	phospholipase C, beta 1
Ppp1r12b	NM_001081307.1	1810037O03Rik, 9530009M10Rik, A1132431, Mypt2	protein phosphatase 1, regulatory (inhibitor) subunit 12B
Prkca	NM_011101.3	A1875142, Pkca	protein kinase C, alpha
Prkcb	NM_008855.2	A130082F03Rik, PKC-Beta, Pkcb, Prkcb1, Prkcb2	protein kinase C, beta
Ptger1	NM_013641.2	42kDa, EP1, Ptgerep1	prostaglandin E receptor 1 (subtype EP1)
Ptger2	NM_008964.4	EP2, Ptgerep2	prostaglandin E receptor 2 (subtype EP2)
Ptger3	NM_011196.2	EP3, Pgerep3, Ptgerep3	prostaglandin E receptor 3 (subtype EP3)
Ptger4	NM_008965.1	EP4, Ptgerep4	prostaglandin E receptor 4 (subtype EP4)
Ptgrf	NM_008966.3	A1957154, PGF, fp	prostaglandin F receptor
Ptgir	NM_008967.3	IP, PGI2	prostaglandin I receptor (IP)
Ptgs1	NM_008969.3	COX1, Cox-1, Cox-3, PGHS-1, PHS 1, Pghs1	prostaglandin-endoperoxide synthase 1
Ptgs2	NM_011198.3	COX2, Cox-2, PGHS-2, PHS-2, Pghs2, TIS10	prostaglandin-endoperoxide synthase 2
Ptk2	NM_007982.2	FAK, FRNK, Fadh, mKIAA4203, p125FAK	PTK2 protein tyrosine kinase 2
Rac1	NM_009007.2	AL023026, D5Erttd559e	RAS-related C3 botulinum substrate 1
Raf1	NM_029780.3	6430402F14Rik, AA990557, BB129353, Craf1, D830050J10Rik, Raf-	v-raf-leukemia viral oncogene 1
Rapgef2	NM_001099624.2	5830453M24Rik, CNRasGEF, Pdzgef1, RA-GEF-1, mKIAA0313, nRa	Rap guanine nucleotide exchange factor (GEF) 2
Rela	NM_009045.4	p65	v-rel reticuloendotheliosis viral oncogene homolog A (avian)
Relb	NM_009046.2	shep	avian reticuloendotheliosis viral (v-rel) oncogene related B
Retnla	NM_020509.3	1810019L16Rik, Fizz-1, Fizz1, HIMF, RELM-alpha, RELMa, RELMalpha	resistin like alpha
Ripk1	NM_009068.3	D330015H01Rik, RIP, Rinp, Rip1	receptor (TNFRSF)-interacting serine-threonine kinase 1
Ripk2	NM_138952.3	2210420D18Rik, CARD3, CARDIAK, CCK, D4Bwg0615e, RICK, RIP2	receptor (TNFRSF)-interacting serine-threonine kinase 2
Rock2	NM_009072.2	B230113H15Rik, ROKalpha, Rho-kinase, Rock-II, Rock2m, mKIAA06	Rho-associated coiled-coil containing protein kinase 2
Rps6ka5	NM_153587.2	3110005L17Rik, 6330404E13Rik, A1854034, MSK1, MSPK1, RLPK	ribosomal protein S6 kinase, polypeptide 5
Shc1	NM_011368.4	Shc, ShcA, p66, p66shc	src homology 2 domain-containing transforming protein C1
Smad7	NM_001042660.1	Madh7	SMAD family member 7
Stat1	NM_009283.3	2010005J02Rik, AA408197	signal transducer and activator of transcription 1
Stat2	NM_019963.1	1600010G07Rik, AW496480	signal transducer and activator of transcription 2
Stat3	NM_213659.2	1110034C02Rik, AW109958, Aprf	signal transducer and activator of transcription 3
Tbxa2r	NM_001277265.1	TP, TXA2-R	thromboxane A2 receptor
Tcf4	NM_013685.1	5730422P05Rik, ASP-I2, E2-2, E2.2, ITF-2, ITF-2b, ITF2, ME2, MITF	transcription factor 4
Tgfb1	NM_011577.1	TGF-beta1, TGFbeta1, Tgfb, Tgfb-1	transforming growth factor, beta 1
Tgfb2	NM_009367.1	BB105277, Tgf-beta2, Tgfb-2	transforming growth factor, beta 2
Tgfb3	NM_009368.2	Tgfb-3	transforming growth factor, beta 3
Tgfb1	NM_009370.2	ALK5, AU017191, Alk-5, TbetaR-I, TbetaRI	transforming growth factor, beta receptor I
Tlr1	NM_030682.1		toll-like receptor 1
Tlr2	NM_011905.2	Ly105	toll-like receptor 2
Tlr3	NM_126166.2	A1957183	toll-like receptor 3
Tlr4	NM_021297.2	Lps, Ly87, Ran/M1, Rasl2-8	toll-like receptor 4
Tlr5	NM_016928.2		toll-like receptor 5
Tlr6	NM_011604.3		toll-like receptor 6
Tlr7	NM_133211.3		toll-like receptor 7
Tlr8	NM_133212.2		toll-like receptor 8
Tlr9	NM_031178.2		toll-like receptor 9
Tnf	NM_013693.1	DIF, TNF-a, TNF-alpha, TNFSF2, TNFalpha, Tnfa, Tnfsf1a	tumor necrosis factor
Tnfaip3	NM_009397.2	A20, Tnfaip3	tumor necrosis factor, alpha-induced protein 3
Tnfsf14	NM_019418.2	HVEM-L, HVEM-L, LIGHT, LTg, Ly113	tumor necrosis factor (ligand) superfamily, member 14
Tollip	NM_023764.3	4930403G24Rik, 4931428G15Rik	toll interacting protein
Tradd	NM_001033161.2	9130005N23Rik, AA930854	TNFRSF1A-associated via death domain
Traf2	NM_009422.2	A1325259	TNF receptor-associated factor 2
Trem2	NM_031254.2	TREM-2, Trem2a, Trem2b, Trem2c	triggering receptor expressed on myeloid cells 2
Tslp	NM_021367.1		thymic stromal lymphopoietin
Twist2	NM_007855.2	Dermo1, bHLHa39	twist basic helix-loop-helix transcription factor 2
Tyrobp	NM_011662.2	DAP12, KARAP, Ly83	TYRO protein tyrosine kinase binding protein
<b>Internal Reference Genes</b>			
Cltc	NM_001003908.1	3110065L21Rik, CHC, R74732	clathrin, heavy polypeptide (Hc)
Gapdh	NM_001001303.1	Gapd	glyceraldehyde-3-phosphate dehydrogenase
Gusb	NM_010368.1	g, Gut, Gur, asd, adipose storage deficiency, Gus-r, Gus-s, Gus-t, Gus	glucuronidase, beta
Hprt	NM_013556.2	Hprt1	hypoxanthine guanine phosphoribosyl transferase
Pgk1	NM_008828.2	Pgk-1	phosphoglycerate kinase 1
Tubb5	NM_011655.4	AA408537, A1596182, B130022C14Rik, M(beta)5	tubulin, beta 5 class I