

Official Symbol	Accession	Alias / Previous Symbol	Official Full Name
Abcc3	NM_029600.3	1700019L09Rik,MRP3,RIKEN cDNA 1700019L09 gene	ATP-binding cassette, sub-family C (CFTR/MRP), member 3
Abcc8	NM_011510.3	D930031B21Rik,MGD-MRK-33673,MGI:105993,MGI:3036285,RIKEN cDNA D930031	ATP-binding cassette, sub-family C (CFTR/MRP), member 8
Abl1	NM_009594.4	AI325092,c-Abl,E430008G22Rik,expressed sequence AI325092,MGD-MRK-1015,M	c-abl oncogene 1, non-receptor tyrosine kinase
Adamts16	NM_172053.2	MGC:37086	a disintegrin-like and metalloproteinase (reprolysin type) with thrombospondin type 1 motif, 16
Ago4	NM_153177.3	5730550L01Rik,AI481660,argonate 4,Eif2c4,eukaryotic translation initiation fa	argonate RISC catalytic subunit 4
Agt	NM_007428.3	AI265500,angiotensin precursor,Aogen,expressed sequence AI265500,MGD-MRK-	angiotensinogen (serpin peptidase inhibitor, clade A, member 8)
AI464131	NM_001085515.2	AA408153,AI604836,expressed sequence AA408153,expressed sequence express	expressed sequence AI464131
Ak1	NM_001198790.1	Ak-1,B430205N08Rik,MGD-MRK-1240,MGD-MRK-1244,MGI:2445070,RIKEN cDNA E	adenylate kinase 1
Akt1	NM_001165894.1	Akt,MGD-MRK-1257,PKB,PKB/Akt,PKBalpha	thymoma viral proto-oncogene 1
Akt2	NM_001110208.1	2410016A19Rik,AW554154,expressed sequence AW554154,MGD-MRK-28173,MGI:	thymoma viral proto-oncogene 2
Aldh1l1	NM_027406.1	1810048F20Rik,formyltetrahydrofolate dehydrogenase,Fthfd,MGI:1917624,RIKE	aldehyde dehydrogenase 1 family, member L1
Ambr1	NM_001080754.1	2310079H06Rik,AA474864,AV021921,D030051N19Rik,expressed sequence AA474	autophagy/beclin 1 regulator 1
Amigo2	NM_178114.4	AI415330,AW208913,expressed sequence AI415330,expressed sequence AW2089	adhesion molecule with Ig like domain 2
Anapc15	NM_027532.3	3200002M19Rik,6330414C15Rik,MGI:1917991,RIKEN cDNA 3200002M19 gene,RIK	anaphase promoting complex C subunit 15
Anxa1	NM_010730.2	Anx-1,Anx-A1,C430014K04Rik,lipocortin 1,Lpc1,Lpc-1,MGD-MRK-11869,MGD-MR	annexin A1
Apc	NM_007462.3	AI047805,AU020952,AW124434,CC1,expressed sequence AI047805,expressed se	adenomatous polyposis coli
Apex1	NM_009687.2	HAP1,MGD-MRK-1352,Ref-1	apurinic/apurimidine endonuclease 1
Apoe	NM_001305844.1	AI255918,expressed sequence AI255918,MGD-MRK-1376,MGI:2141887	apolipoprotein E
Arc	NM_018790.2	Arc3.1,arg 3.1,C86064,expressed sequence C86064,MGD-MRK-1387,MGI:214631	activity regulated cytoskeletal-associated protein
Arhgap24	NM_029270.2	0610025G21Rik,RIKEN cDNA 0610025G21 gene	Rho GTPase activating protein 24
Arid1a	NM_001080819.1	1110030E03Rik,BAF250a,MGI:1915989,Osa1,RIKEN cDNA 1110030E03 gene,Smar	AT rich interactive domain 1A (SWI-like)
Asb2	NM_023049.1	1110008E15Rik,MGI:1915827,RIKEN cDNA 1110008E15 gene	ankyrin repeat and SOCS box-containing 2
Ash2l	NM_001080793.1		ASH2 like histone lysine methyltransferase complex subunit
Asph	NM_001177849.1	2310005F16Rik,3110001L23Rik,AI848629,aspartyl beta-hydroxylase,AW261690,A	aspartate-beta-hydroxylase
Atf3	NM_007498.3	LRG-21,MGD-MRK-38429	activating transcription factor 3
Atg14	NM_172599.4	Barkor,D14ErtD114e,D14ErtD436e,DNA segment, Chr 14, ERATO Doi 114, expres	autophagy related 14
Atg3	NM_026402.3	2610016C12Rik,APG3,APG3 autophagy 3-like (S. cerevisiae),Apg3L,PC3-96,RIKE	autophagy related 3
Atg5	NM_001314013.1	2010107M05Rik,3110067M24Rik,Apg5l,autophagy 5-like (S. cerevisiae),AW3195-	autophagy related 5
Atg7	NM_028835.1	1810013K23Rik,Apg7l,autophagy 7-like (S. cerevisiae),RIKEN cDNA 1810013K23	autophagy related 7
Atg9a	NM_001003917.3	APG9 autophagy 9-like 1 (S. cerevisiae),Apg9l1,AU019532,expressed sequence	autophagy related 9A
Atm	NM_007499.2	AI256621,C030026E19Rik,expressed sequence AI256621,MGD-MRK-35663,MGI:15	ataxia telangiectasia mutated
Atp6v0e	NM_025272.2	Atp6k,ATPase, H+ transporting lysosomal (vacuolar proton pump), 9.2 kDa,lyso	ATPase, H+ transporting, lysosomal V0 subunit E
Atp6v1a	NM_007508.5	AI647066,Atp6a1,ATPase, H+ transporting, lysosomal (vacuolar proton pump), a	ATPase, H+ transporting, lysosomal V1 subunit A
Atr	NM_019864.1	MGD-MRK-37064	ataxia telangiectasia and Rad3 related
Axl	NM_009465.3	AI323647,Ark,expressed sequence AI323647,MGD-MRK-15343,MGI:2141908,MGI:	AXL receptor tyrosine kinase
B3gnt5	NM_001159407.1		UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 5
Bad	NM_007522.3	AI325008,Bbc2,expressed sequence AI325008,MGI:2147509	BCL2-associated agonist of cell death
Bag3	NM_013863.4	AA407278,Bcl-2-interacting death suppressor,Bis,expressed sequence AA407278	BCL2-associated athanogene 3
Bag4	NM_026121.3	2410112I15Rik,RIKEN cDNA 2410112I15 gene	BCL2-associated athanogene 4
Bak1	NM_007523.2	Bak,N-Bak	BCL2-antagonist/killer 1
Bard1	NM_007525.3	ENSMUSG00000060893,ENSMUSG00000073653,MGI:3642437,MGI:3642903,pre	BRCA1 associated RING domain 1
Bax	NM_007527.3	MGD-MRK-16487	BCL2-associated X protein
Bbc3	NM_133234.1	PUMA	BCL2 binding component 3
Bcas1	NM_029815.2	2210416M21Rik,9030223A09Rik,AI841227,expressed sequence AI841227,MGI:192	breast carcinoma amplified sequence 1
Bcl10	NM_009740.1	AI132454,BCL-10,C81403,cE10,expressed sequence AI132454,expressed sequen	B cell leukemia/lymphoma 10
Bcl2	NM_009741.3	AW986256,Bcl-2,C430015F12Rik,D630044D05Rik,D830018M01Rik,expressed sequ	B cell leukemia/lymphoma 2
Bcl2a1a	NM_009742.3	A1,BB218357,Bcl2a1,Bcl-2-related protein A1,Bfl-1,expressed sequence BB2183	B cell leukemia/lymphoma 2 related protein A1a
Bcl2l1	NM_009743.4	bcl-x,BclX,Bcl-XL,Bcl(X)L,Bcl-Xs,MGD-MRK-1527	BCL2-like 1
Bcl2l11	NM_001284410.1	1500006F24Rik,Bcl2 interacting mediator of cell death,Bim,Bod,MGI:1923589,R	BCL2-like 11 (apoptosis facilitator)
Bcl2l2	NM_007537.1	AW048834,bclw,Bcl-w,expressed sequence AW048834,gene trap ROSA 41,gene t	BCL2-like 2
Bdnf	NM_007540.4	MGD-MRK-1534	brain derived neurotrophic factor
Becn1	NM_019584.3	Atg6,MGC:6843	beclin 1, autophagy related
Bid	NM_007544.3	2700049M22Rik,AI875481,AU022477,expressed sequence AI875481,expressed se	BH3 interacting domain death agonist
Bik	NM_007546.2	Bcl2-interacting killer-like,Biklk,Blk,Nbk	BCL2-interacting killer
Bin1	NM_001083334.1	Amphiphysin 2,amphiphysin-like,Amphl,MGD-MRK-37129,MGI:700008	bridging integrator 1
Birc2	NM_007465.2	Api1,apoptosis inhibitor 2,AW146227,C330006D17Rik,ciAP1,ciAP-1,expressed se	baculoviral IAP repeat-containing 2
Birc3	NM_007464.3	Api2,apoptosis inhibitor 1,AW107670,ciAP2,ciAP-2,expressed sequence AW1076	baculoviral IAP repeat-containing 3
Birc5	NM_009689.2	Api4,apoptosis inhibitor 4,MGI:1196343,survivin,TIAP	baculoviral IAP repeat-containing 5
Blk	NM_007549.2	MGD-MRK-1577	B lymphoid kinase
Blm	NM_001042527.2		Bloom syndrome, RecQ like helicase
Blnk	NM_008528.4	BASH,Bca,BCA,B cell activation-related gene,BLNK,Ly57,Ly-57,lymphocyte anti	B cell linker
Bmi1	NM_007552.4	AW546694,B lymphoma M0-MLV insertion region 1,Bmi-1,expressed sequence AV	Bmi1 polycomb ring finger oncogene
Bnip3	NM_009760.4	MGD-MRK-38371,Nip3	BCL2/adenovirus E1B interacting protein 3
Bnip3l	NM_009761.3	C86132,D14ErtD719e,DNA segment, Chr 14, ERATO Doi 719, expressed,expres	BCL2/adenovirus E1B interacting protein 3-like
Bok	NM_016778.2	AI847676,AU021146,expressed sequence AI847676,expressed sequence AU0211-	BCL2-related ovarian killer
Bola2	NM_175103.3	1110025L05Rik,RIKEN cDNA 1110025L05 gene	bolA-like 2 (E. coli)
Braf	NM_139294.5	9930012E13Rik,AA120551,AA387315,AA473386,Braf2,Braf-2,Braf transforming g	Braf transforming gene
Brc1	NM_009764.3	MGD-MRK-25968	breast cancer 1, early onset
Brd2	NM_010238.3	AW228947,D17H6S113E,DNA segment, Chr 17, human D6S113E,expressed sequ	bromodomain containing 2
Brd3	NM_001113573.1	2410084F24Rik,AW060456,expressed sequence AW060456,Fsrg2,MGI:2139285,O	bromodomain containing 3
Brd4	NM_001286630.1	DNA segment, WI-11513,HUNK1,MCAP,MGI:1337084,WI-11513	bromodomain containing 4
Btk	NM_013482.2	AI528679,Bruton's tyrosine kinase,expressed sequence AI528679,MGD-MRK-1547	Bruton agammaglobulinemia tyrosine kinase
C1qa	NM_007572.2	AI255395,C1q,expressed sequence AI255395,MGD-MRK-1696,MGI:2140213	complement component 1, q subcomponent, alpha polypeptide
C1qb	NM_009777.2	MGD-MRK-1697	complement component 1, q subcomponent, beta polypeptide
C1qc	NM_007574.2	AI385742,C1qg,complement component 1, q subcomponent, c polypeptide,corr	complement component 1, q subcomponent, C chain
C3	XM_011246258.1	acylation stimulating protein,AI255234,complement factor 3,expressed sequen	complement component 3
C3ar1	NM_009779.2	anaphylatoxin C3a receptor,C3aR	complement component 3a receptor 1
C4a	NM_011413.2	MGD-MRK-14443,sex-limited protein,Slp	complement component 4A (Rodgers blood group)
C5ar1	NM_007577.3	C5aR,C5r1,Cd88,complement component 5, receptor 1,D7Msu1,DNA segment, (complement component 5a receptor 1
C6	NM_016704.2	AW111623,expressed sequence AW111623,MGD-MRK-1711,MGI:2146192	complement component 6
Cables1	NM_001146287.1	ik3-1,interactor-1 with cdk3	CDK5 and Abl enzyme substrate 1
Calcoco2	NM_001271018.1	2410154J16Rik,C77254,expressed sequence C77254,MGI:1924065,MGI:2144626,	calcium binding and coiled-coil domain 2
Calr	NM_007591.3	Calregulin,CRT,MGD-MRK-1739	calreticulin
Camk4	NM_009793.3	A430110E23Rik,AI666733,Ca2+/calmodulin-dependent protein kinase type IV/G	calcium/calmodulin-dependent protein kinase IV
Casp1	NM_009807.2	Caspase-1,ICE,IL1bc,interleukin 1 beta convertase,interleukin 1 beta-convertin	caspase 1
Casp2	NM_007610.1	Caspase-2,Ich-1,MGD-MRK-12808,Nedd2,neural precursor cell expressed, devel	caspase 2
Casp3	NM_009810.2	A830040C14Rik,AC-3,Apopain,Caspase-3,CC3,PPP32,melody,MGD-MRK-36315,M	caspase 3
Casp4	NM_007609.2	capase 11, apoptosis-related cysteine protease,Casp11,Caspase-11,caspase 11,	caspase 4, apoptosis-related cysteine peptidase
Casp6	NM_009811.3	mCASP-6,Mch2	caspase 6
Casp7	NM_007611.2	AI314680,caspase-7,CMH-1,expressed sequence AI314680,ICE-IAP3,Mch3,MGD-M	caspase 7
Casp8	NM_009812.2	Caspase-8,FLICE,MACH,Mch5	caspase 8
Casp9	NM_015733.4	AI115399,AW493809,Caspase-9,expressed sequence AI115399,expressed sequen	caspase 9
Cass4	NM_001080820.2	F730031O20Rik,RIKEN cDNA F730031O20 gene	Cas scaffolding protein family member 4
Ccl2	NM_011333.3	AI323594,expressed sequence AI323594,HC11,MCAF,MCP1,MCP-1,MGD-MRK-143-	chemokine (C-C motif) ligand 2
Ccl3	NM_011337.1	AI323804,CCL3,expressed sequence AI323804,G0519-1,LD78alpha,macrophage i	chemokine (C-C motif) ligand 3
Ccl4	NM_013652.1	Act-2,AT744.1,macrophage inflammatory protein-1 beta,MGD-MRK-12242,MGD-	chemokine (C-C motif) ligand 4
Ccl5	NM_013653.1	MGD-MRK-14336,MuRantes,RANTES,Scya5,SISd,small inducible cytokine A5,TCP	chemokine (C-C motif) ligand 5
Ccl7	NM_013654.3	fic,marc,mcp3,MCP-3,MGD-MRK-16289,Scya7,small inducible cytokine A7	chemokine (C-C motif) ligand 7
Ccng2	NM_007635.4		cyclin G2
Ccni	NM_017367.3		cyclin I
Ccr2	NM_009915.2	CC-CKR-2,CCR2A,CCR2B,CKR2,CKR2A,CKR2B,Cmkbr2,MGD-MRK-33876	chemokine (C-C motif) receptor 2
Ccr5	NM_009917.5	CD195,chemokine (C-C) receptor 5,Cmkbr5,MGD-MRK-35643	chemokine (C-C motif) receptor 5
Cd109	NM_153098.3	9930012E15Rik,AI480638,expressed sequence AI480638,Gov platelet alloantigen	CD109 antigen
Cd14	NM_009841.3	MGD-MRK-1831	CD14 antigen
Cd163	NM_053094.2		CD163 antigen
Cd19	NM_009844.2	AW495831,expressed sequence AW495831,MGD-MRK-1833,MGI:2142241	CD19 antigen
Cd209e	NM_130905.2	mSIGNR4,SIGNR4	CD209e antigen
Cd244	NM_018729.2	2B4,C9.1,F730046O15Rik,MGD-MRK-38339,MGI:2442562,Nmrk,non MHC restrict	CD244 natural killer cell receptor 2B4
Cd24a	NM_009846.2	cluster of differentiation 24,heat stable antigen,HSA,Ly-52,lymphocyte antigen	CD24a antigen
Cd300lf	NM_001169153.1	CLM-1,DlgR2,F730004D16Rik,IgSF13,IREM1,LMIR3,Pigr,RIKEN cDNA F730004D16	CD300 molecule like family member F

Cd33	NM_001111058.1	gp67, MGD-MRK-16204, Siglec-3	CD33 antigen
Cd36	NM_007643.3	FAT, fatty acid translocase, MGD-MRK-36478, Scarb3	CD36 molecule
Cd3d	NM_013487.2	MGD-MRK-14696, MGD-MRK-1852, T3d, T3-delta chain	CD3 antigen, delta polypeptide
Cd3e	NM_007648.4	AI504783, CD3, CD3epsilon, expressed sequence AI504783, MGD-MRK-14697, MGD-MRK-14698	CD3 antigen, epsilon polypeptide
Cd3g	NM_009850.2	Ctg3, Ctg-3, MGD-MRK-14698, MGD-MRK-1854, MGD-MRK-2212, MGD-MRK-2213, T3g	CD3 antigen, gamma polypeptide
Cd40	NM_011611.2	AI326936, Bp50, expressed sequence AI326936, MGD-MRK-1859, MGI:2138913, p50	CD40 antigen
Cd44	NM_009851.2	AU023126, AW121933, AW146109, expressed sequence AU023126, expressed sequence	CD44 antigen
Cd47	NM_010581.3	9130415E20Rik, AA407862, AI848868, AW108519, B430305P08Rik, expressed sequence	CD47 antigen (Rh-related antigen, integrin-associated signal transducer)
Cd6	NM_001037801.2	MGD-MRK-24451	CD6 antigen
Cd68	NM_009853.1	gp110, Lamp4, macrofialin, MGD-MRK-1868, Scard1	CD68 antigen
Cd69	NM_001033122.3	5830438K24Rik, AI452015, AIM, EST AI452015, MGD-MRK-1869, MGI:1889838, MGI:1889838	CD69 antigen
Cd70	NM_011617.1	CD27LG, Ki-24 antigen, Tnfsf7, tumor necrosis factor (ligand) superfamily, member 7	CD70 antigen
Cd72	NM_001110320.1	B-lymphocyte antigen 2, Ly-19, Ly-32, Lyb-2, Ly-m19, lymphocyte antigen 19, lymphocyte antigen 19	CD72 antigen
Cd74	NM_001042605.1	CLIP, Ia-associated invariant chain, Ii, MGD-MRK-11344	CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen-associated)
Cd83	NM_009856.2		CD83 antigen
Cd84	NM_013489.2	A130013D22Rik, CDw84, MGI:2444272, RIKEN cDNA A130013D22 gene, SLAMF5	CD84 antigen
Cd86	NM_019388.3	B70, B7-2, B7.2, CD28 antigen ligand, Cd28L2, Ly58, Ly-58, lymphocyte antigen 58, MGD-MRK-1676	CD86 antigen
Cd8a	NM_001081110.2	BB154331, expressed sequence BB154331, Ly-2, Ly-35, Ly-B, lymphocyte antigen 2	CD8 antigen, alpha chain
Cd8b1	NM_009858.2	Ly-3, Ly-C, lymphocyte antigen 3, Lyt-3, MGD-MRK-11970, MGD-MRK-12075, MGD-MRK-12076	CD8 antigen, beta chain 1
Cdc25a	NM_007658.3	D9ErtD393e, DNA segment, Chr 9, ERATO Doi 393, expressed sequence MGD-MRK-24066, MGD-MRK-24066	cell division cycle 25A
Cdc7	NM_001271566.1	AI597260, Cdc7L1, cell division cycle 7 homolog (S. cerevisiae)-like 1, expressed sequence	cell division cycle 7 (S. cerevisiae)
Cdk20	NM_053180.2	4932702G04Rik, AU019450, AW558027, Crck, cell cycle related kinase, expressed sequence	cyclin-dependent kinase 20
Cdkn1a	NM_007669.4	CAP20, CDKI, Cdkn1, CIP1, cyclin dependent kinase inhibitor, mda6, MGD-MRK-1676	cyclin-dependent kinase inhibitor 1A (P21)
Cdkn1c	NM_009876.3	AL024410, CDKI, expressed sequence AL024410, Kip2, MGD-MRK-25998, MGI:214201	cyclin-dependent kinase inhibitor 1C (P57)
Ceacam3	NM_054059.1	cea12, EG384557, MGI:1891356, predicted gene, EG384557, pregnancy-specific glycoprotein	carcinoembryonic antigen-related cell adhesion molecule 3
Cflar	NM_020765.3	2310024N18Rik, A430105C05Rik, AI646576, AU021929, Cash, caspase homolog, Casp8	CASP8 and FADD-like apoptosis regulator
Ch25h	NM_009890.1	AI462618, expressed sequence AI462618, m25OH, MGI:2147554	cholesterol 25-hydroxylase
Chek1	NM_007691.5	C85740, Chk1, expressed sequence C85740, MGI:2143427	checkpoint kinase 1
Chek2	NM_016681.3	CHK2, Rad53, RAD53 homolog (S. cerevisiae)	checkpoint kinase 2
Chn2	NM_001163640.1	1700026N20Rik, 4930557O16Rik, MGI:1922054, RIKEN cDNA 1700026N20 gene, RIKEN	chimerin 2
Chst8	NM_175140.4	1500011J21Rik, AI426009, expressed sequence AI426009, GalNAc4ST-1, MGI:21419	carbohydrate (N-acetylgalactosamine 4-O) sulfotransferase 8
Chuk	NM_001162410.1	AI256658, Chuk1, expressed sequence AI256658, IkappaB kinase alpha, IKK1, IKK2	conserved helix-loop-helix ubiquitous kinase
Cidea	NM_007702.2	AW212747, expressed sequence AW212747, MGI:2147356	cell death-inducing DNA fragmentation factor, alpha subunit-like effector A
Cideb	NM_009894.3	1110030C18Rik, AI790179, CIDE-B, DFFA-like B, expressed sequence AI790179, MGI:2147356	cell death-inducing DNA fragmentation factor, alpha subunit-like effector B
Cks1b	NM_016904.1	2410005G18Rik, 2610005D03Rik, AA407784, CDC28 protein kinase 1, Cks1, expressed sequence	CDC28 protein kinase 1b
Clcf1	NM_019952.3	B-cell stimulating factor 3, Bsf3, CLC, NNT-1/Bsf-3	cardiotrophin-like cytokine factor 1
Cldn5	NM_013805.4	AI854493, expressed sequence AI854493, MGI:1095399, MGI:2146515, Tmvcf, transmembrane	claudin 5
Clec7a	NM_020008.2	beta-glucan receptor, beta-GR, BGR, Clec7f, C-type (calcium dependent, carbohydrate	C-type lectin domain family 7, member a
Clic4	NM_013885.2	D0Jmb3, DNA segment, Jeremy M. Boss 3, mc3s5, MGI:1206574, mtCLIC	chloride intracellular channel 4 (mitochondrial)
Cln3	NM_001146311.1	AI323623, battenin, expressed sequence AI323623, MGD-MRK-36107, MGI:2141907	ceroid lipofuscinosis, neuronal 3, juvenile (Batten, Spielmeier-Vogt disease)
Clstn1	NM_023051.4	1810034E21Rik, alcadein alpha, calysntenin-1, Cst-1, MGI:1921573, RIKEN cDNA 1810034E21	calysntenin 1
Cnn2	NM_007725.2	AA408047, AI324678, Calpo2, expressed sequence AA408047, expressed sequence	calponin 2
Cnp	NM_009923.2	Cnp1, Cnp-1, CNPase, cyclic nucleotide phosphodiesterase 1, MGD-MRK-2039, MGD-MRK-2039	2', 3'-cyclic nucleotide 3' phosphodiesterase
Cntnap2	NM_001004357.2	5430425M22Rik, Caspr2, mKIAA0868, RIKEN cDNA 5430425M22 gene	contactin associated protein-like 2
Coa5	NM_198006.4	1700001A24Rik, 6330578E17Rik, MGI:1922068, Pet191, RIKEN cDNA 1700001A24 gene	cytochrome c oxidase assembly factor 5
Col6a3	NM_009894.3	AI507288, Col6a-3, expressed sequence AI507288, MGD-MRK-2075, MGD-MRK-2078	collagen, type VI, alpha 3
Cotl1	NM_028071.3	1810074P22Rik, 2010004C08Rik, MGI:1914268, RIKEN cDNA 1810074P22 gene, RIKEN	coactosin-like 1 (Dictyostelium)
Cox5b	NM_009942.2	MGD-MRK-2099	cytochrome c oxidase subunit Vb
Cp	NM_001042611.1	D3ErtD555e, DNA segment, Chr 3, ERATO Doi 555, expressed sequence MGD-MRK-2100, MGD-MRK-2100	ceruloplasmin
Cpa3	NM_007753.2	mast cell carboxypeptidase A, MC-CPA, MGD-MRK-2103, mMC-CPA	carboxypeptidase A3, mast cell
Creb1	NM_001037726.1	2310001E10Rik, 3526402H21Rik, AV083133, Creb, Creb-1, cyclic AMP responsive element	cAMP responsive element binding protein 1
Crebbp	NM_001025432.1	AW558298, CBP, expressed sequence AW558298, KAT3A, MGI:2146668	CREB binding protein
Creml	NM_001110853.1	ICER, MGD-MRK-2137	cAMP responsive element modulator
Crip1	NM_007763.3	Crip, CRP1, MGD-MRK-2144	cysteine-rich protein 1 (intestinal)
Cryba4	NM_021351.1	MGD-MRK-19620	crystallin, beta A4
Csf1	NM_001113530.1	C87615, colony-stimulating factor-1, colony stimulating factor, macrophage, CSF1	colony stimulating factor 1 (macrophage)
Csf1r	NM_001037859.1	AI323359, CD115, c-fms oncogene, CSF-1R, Csfmr, expressed sequence AI323359, MGD-MRK-36107	colony stimulating factor 1 receptor
Csf2rb	NM_007780.4	AI848964, AIC2B, Bc, beta c, CDw131, colony stimulating factor 2 receptor, beta 1	colony stimulating factor 2 receptor, beta, low-affinity (granulocyte-macrophage)
Csf3r	NM_001252651.1	Cd114, colony stimulating factor, granulocyte receptor, Csfgr, G-CSFR, MGD-MRK-2075	colony stimulating factor 3 receptor (granulocyte)
Csk	NM_007783.2	AW212630, expressed sequence AW212630, MGD-MRK-2195, MGI:2143301	c-src tyrosine kinase
Cst7	NM_009977.3	CMAP, cystatin-like metastasis-associated protein, Leukocystatin	cystatin F (leukocystatin)
Ctse	NM_007799.3	A430072003Rik, C920004C08Rik, CatE, CE, MGD-MRK-35827, MGI:2441798, MGI:2441798	cathepsin E
Ctsf	NM_019861.1	AI481912, expressed sequence AI481912, MGI:2147567	cathepsin F
Ctss	NM_021281.2	Cat S, MGD-MRK-35807	cathepsin S
Ctsw	NM_009985.4	lymphopain	cathepsin W
Cx3cl1	NM_009142.3	AB030188, AI848747, CX3C, D8Bwg0439e, DNA segment, Chr 8, Brigham & Women	chemokine (C-X3-C motif) ligand 1
Cx3cr1	NM_009987.3		chemokine (C-X3-C motif) receptor 1
Cxcl10	NM_021274.1	C7, CRG-2, gIP-10, Irf10, INP10, interferon activated gene 10, IP10, IP-10, MGD-MRK-36107	chemokine (C-X-C motif) ligand 10
Cxcl9	NM_008599.2	BB139920, CMK, crg-10, expressed sequence BB139920, MGD-MRK-33048, MGI:1053	chemokine (C-X-C motif) ligand 9
Cyca	NM_007808.4	MGD-MRK-2287	cytochrome c, somatic
Cyp27a1	NM_024264.3	1300013A03Rik, cholesterol 27 hydroxylase, Cyp27, cytochrome P450, 27, MGD-MRK-1676	cytochrome P450, family 27, subfamily a, polypeptide 1
Cyp7b1	NM_007825.4	AW261589, D3ErtD552e, DNA segment, Chr 3, ERATO Doi 552, expressed sequence	cytochrome P450, family 7, subfamily b, polypeptide 1
Cytip	NM_139200.4	A130053M09Rik, AI462064, C80816, Cbp, Cybr, expressed sequence AI462064, expressed sequence	cytohesin 1 interacting protein
Dab2	NM_023118.2	5730435J12Rik, AA960054, AI957090, D15Wsu122e, D630005B22Rik, DNA segment, 2310039H24Rik, 2810425C21Rik, AI642003, D13Ucla1, DAP-Kinase, DNA segment, C	disabled 2, mitogen-responsive phosphoprotein
Dapk1	NM_134062.1	2610043A19Rik, MGI:1919388, p48, RIKEN cDNA 2610043A19 gene	death associated protein kinase 1
Ddb2	NM_028119.5	6430573D20Rik, RIG-1, RIKEN cDNA 6430573D20 gene	damage specific DNA binding protein 2
Ddx58	NM_172689.3	1110006F08Rik, D12ErtD7e, Dcr-1 homolog (Drosophila), DNA segment, Chr 12, E	DEAD (Asp-Glu-Ala-Asp) box polypeptide 58
Dicer1	NM_148948.2	B130052P05Rik, discs, large homolog 1 (Drosophila), Dlg1, MGD-MRK-35696, MGI:1921573	dicer 1, ribonuclease type III
Dlg1	NM_001109752.1	discs, large homolog 4 (Drosophila), Dlg4, PSD95, PSD-95, SAP90, SAP90A	discs large MAGUK scaffold protein 4
Dlx1	NM_010053.1	DII B, Dlx, Dlx-1, MGD-MRK-8857, MGD-MRK-8861	distal-less homeobox 1
Dlx2	NM_010054.2	AW121999, DII A, Dlx-2, expressed sequence AW121999, MGD-MRK-8858, MGD-MRK-8858	distal-less homeobox 2
Dna2	NM_177372.3	DNA2 DNA replication helicase 2-like (yeast), Dna2L, E130315B21Rik, mKIAA0083, MGI:2147356	DNA replication helicase/nuclease 2
Dnmt1	NM_010066.3	Cxxc9, Dnmt1o, MGD-MRK-12204, MGD-MRK-12206, MGD-MRK-8877, MGI:3586536, r	DNA methyltransferase (cytosine-5) 1
Dnmt3a	NM_007872.4	AU015806, expressed sequence AU015806, expressed sequence W91664, MGI:214	DNA methyltransferase 3A
Dnmt3b	NM_001003960.3		DNA methyltransferase 3B
Dock1	NM_001033420.2	9130006G06Rik, AI854900, b2b3190Clo, Bench to Bassinet Program (B2B/CVDC), r	dedicator of cytokinesis 1
Dock2	NM_033374.3	AI662014, AW122239, CED-5, expressed sequence AI662014, expressed sequence A	dedicator of cyto-kinesis 2
Dot1l	NM_199322.1	AW907654, expressed sequence AW907654, KMT4, mDot1	DOT1-like, histone H3 methyltransferase (S. cerevisiae)
Dst	NM_010081.2	2310001004Rik, A830042E19Rik, ah, atethoid, AW554249, Bpag, Bpag1, BPAG1, BPAC	dystonin
Duoxa1	NM_145395.2	BC019755, cDNA sequence BC019755, MGC:25550, Nip1	dual oxidase maturation factor 1
Dusp7	NM_153459.4	AU015694, expressed sequence AU015694, MGI:2143192, MKP-X, PYST2	dual specificity phosphatase 7
E2f1	NM_007891.4	E2F-1, MGD-MRK-18775	E2F transcription factor 1
Eed	NM_021876.3	ENSMUSG00000039373, l(7)5Rn, l7Rn5, lethal, Chr 7, Rinchik 5, MGD-MRK-11693, M	embryonic ectoderm development
Eef2k	NM_007908.3	C86191, eEF-2K, expressed sequence C86191, MGI:2142363	eukaryotic elongation factor-2 kinase
Egrf	NM_207655.2	903002415Rik, AI525299, avian erythroblast leukemia viral (v-erb-b) oncogene	epidermal growth factor receptor
Egr1	NM_007913.5	A530045N19Rik, Egr-1, ETR103, Krox-1, Krox24, Krox-24, Kruppel box 1, Kruppel box	early growth response 1
Ehmt2	NM_145830.1	Bat8, D17ErtD710e, DNA segment, Chr 17, ERATO Doi 710, expressed, G9a, HLA-B	euchromatic histone lysine N-methyltransferase 2
Eif1	NM_011508.1	MGD-MRK-32166, Sui1-rs1, suppressor of initiator codon mutations, related sequence	eukaryotic translation initiation factor 1
Emcn	NM_001163522.1	0610012K22Rik, AI315669, expressed sequence AI315669, MGI:1915613, MGI:21396	endomucin
Emp1	NM_010128.4	MGD-MRK-36521	epithelial membrane protein 1
Enpp6	NM_177304.3	4833421B01Rik, B830047L21Rik, D8ErtD514e, DNA segment, Chr 8, ERATO Doi 514	ectonucleotide pyrophosphatase/phosphodiesterase 6
Entpd2	NM_009849.2	CD39 antigen-like 1, Cd39L1, NTPDase2	ectonucleoside triphosphate diphosphohydrolase 2
Eomes	NM_010136.2	C77258, expressed sequence C77258, MGI:1313283, MGI:2143384, T-box brain gene	eomesodermin
Ep300	NM_177821.6	KAT3B, p300	E1A binding protein p300
Epcam	NM_008532.2	CD326, EGP-2, Egp314, EpCAM, Ep-CAM, EpCAM1, epithelial glycoprotein 314, GA73	epithelial cell adhesion molecule
Epp5	NM_001195633.1	5430411K18Rik, AI661957, AW456499, expressed sequence AI661957, expressed sequence	ectopic P-granules autophagy protein 5 homolog (C. elegans)
Epst1	NM_029495.2	2310046K10Rik, 5033415K03Rik, BRES11, MGI:1923238, RIKEN cDNA 2310046K10 gene	epithelial stromal interaction 1 (breast)
Erb3	NM_010153.1	avian erythroblastosis oncogene B 3, avian erythroblastosis oncogene B 3 receptor	erb-b2 receptor tyrosine kinase 3
Ercc2	NM_007949.4	AA407812, AU020867, AW240756, Ercc-2, excision repair 2, expressed sequence AA	excision repair cross-complementing rodent repair deficiency, complementation group 2
Esam	NM_027102.3	2310008D05Rik, RIKEN cDNA 2310008D05 gene, W117m	endothelial cell-specific adhesion molecule

Ets2	NM_011809.2	AU022856,Ets-2,expressed sequence AU022856,MGD-MRK-9664,MGD-MRK-9666,	E26 avian leukemia oncogene 2, 3' domain
Exo1	NM_012012.4	5730442G03Rik,MGI:1917804,Msa,RIKEN cDNA 5730442G03 gene	exonuclease 1
Ezh1	NM_007970.1	AW557915,expressed sequence AW557915,MGI:2144579,mKIAA0388	enhancer of zeste 1 polycomb repressive complex 2 subunit
Ezh2	NM_007971.2	enhancer of zeste homolog (Drosophila),Enx-1,Enx1h,KMT6,MGD-MRK-35129,MC	enhancer of zeste 2 polycomb repressive complex 2 subunit
F3	NM_010171.3	AA409063,CD142,Cf3,Cf-3,expressed sequence AA409063,MGD-MRK-1947,MGD-/	coagulation factor III
Fa2h	NM_178086.3	fatty acid hydroxylase domain containing 1,Faxdc1,G630055L08Rik,RIKEN cDNA	fatty acid 2-hydroxylase
Fabp5	NM_010634.3	Fabpe E-FABP,keratinocyte lipid binding protein,Klbp,mal1,MGD-MRK-18598,Uni	fatty acid binding protein 5, epidermal
Fadd	NM_010175.5	MGD-MRK-38369,Mort1/FADD	Fas (TNFRSF6)-associated via death domain
Fancc	NM_007985.2	BB116513,expressed sequence BB116513,Facc,Fanconi anaemia, complementa	Fanconi anemia, complementation group C
Fancd2	NM_001033244.3	2410150007Rik,AU015151,BB137857,expressed sequence AU015151,expressed s	Fanconi anemia, complementation group D2
Fancg	NM_053081.2	AU041407,expressed sequence AU041407,MGI:2140478,Xrcc9	Fanconi anemia, complementation group G
Fas	NM_007987.2	AI196731,APO-1,CD95,expressed sequence AI196731,lpr,lymphoproliferation,MC	Fas (TNF receptor superfamily member 6)
Fasl	NM_010177.3	APT1LG1,CD178,CD95L,Fas antigen ligand,Fas-L,generalized lymphoproliferativ	Fas ligand (TNF superfamily, member 6)
Fbln5	NM_011812.4	EVEC	fibulin 5
Fcer1g	NM_010185.4	AI573376,expressed sequence AI573376,Fce1g,Fc epsilon high affinity receptor	Fc receptor, IgE, high affinity I, gamma polypeptide
Fcgr1	NM_010186.5	AI323638,AV092959,CD64,expressed sequence AI323638,expressed sequence AV	Fc receptor, IgG, high affinity I
Fcgr2b	NM_001077189.1	AI528646,CD32,expressed sequence AI528646,F630109E10Rik,Fc-gamma recept	Fc receptor, IgG, low affinity IIb
Fcgr3	NM_010188.5	CD16,FcgammaRIII,Fcg receptor III,MGD-MRK-9736	Fc receptor, IgG, low affinity III
Fcrla	NM_145141.2	BB219290,expressed sequence BB219290,Fc receptor related X,FCRL1,Fcrx,FRE	Fc receptor-like A
Fcrlb	NM_001029984.2	Fc receptor related Y,FCRL2,Fcry,FREB2,FREB-2,mFCRL2	Fc receptor-like B
Fcrls	NM_030707.3	2810439C17Rik,Fcrh2,IFGP2,macrophage scavenger receptor 2,MGI:1920010,m	Fc receptor-like S, scavenger receptor
Fdxr	NM_007997.1	MGD-MRK-27087	ferredoxin reductase
Fen1	NM_001271614.1	AW538437,expressed sequence AW538437,MGD-MRK-19687,MGI:2147740	flap structure specific endonuclease 1
Fgd2	NM_001159538.1	MGD-MRK-14738,MGD-MRK-14743,MGD-MRK-14932,MGD-MRK-14935,MGI:98500,	FYVE, RhoGEF and PH domain containing 2
Fgf13	NM_010200.2	Fhf2,MGD-MRK-38222	fibroblast growth factor 13
Fgl2	NM_008013.2	AI385601,expressed sequence AI385601,MGD-MRK-24145,MGI:2140850	fibrinogen-like protein 2
Fkbp5	NM_010220.3	D17Ert592e,dexamethasone induced transcript 1,Dit1,DNA segment, Chr 17, E	FK506 binding protein 5
Flt1	NM_010228.3	AI323757,expressed sequence AI323757,Flt-1,MGD-MRK-9832,MGD-MRK-9836,M	FMS-like tyrosine kinase 1
Fos	NM_010234.2	c-fos,cD12Rfj1,DNA segment, Chr 12, Russel F. Jacoby 1,MGD-MRK-19548,MGD-/	FBJ osteosarcoma oncogene
Foxp3	NM_054039.2	JM2,MGD-MRK-14368,MGI:98281,scurfin,scurfy,sf	forkhead box P3
Fpr1	NM_013521.2	fMLF-R,FPR,MGD-MRK-35914	formyl peptide receptor 1
Fscn1	NM_007984.2	AI663989,expressed sequence AI663989,Fan1,fascin 1,fascin-1,MGD-MRK-36269	fascin actin-bundling protein 1
Fyn	NM_008054.2	AI448320,AW552119,expressed sequence AI448320,expressed sequence AW5521	Fyn proto-oncogene
Gadd45a	NM_007836.1	AA545191,Ddit1,DNA-damage inducible transcript 1,expressed sequence AA545	growth arrest and DNA-damage-inducible 45 alpha
Gadd45g	NM_011817.2	AI327420,C86281,CR6,expressed sequence AI327420,expressed sequence C8628	growth arrest and DNA-damage-inducible 45 gamma
Gal3st1	NM_001177691.1	3'-phosphoadenylylsulfate-galactosylceramide 3'-sulfotransferase,cerebroside (galactose-3-O-sulfotransferase 1
Gba	NM_001077411.1	betaGC,GBA1,GC,GCase,glucocerebrosidase,MGD-MRK-10007	glucosidase, beta, acid
Gbp2	NM_010260.1	MGD-MRK-19679	guanylate binding protein 2
Gclc	NM_010295.2	D9Wsu168e,DNA segment, Chr 9, Wayne State University 168, expressed,gamm	glutamate-cysteine ligase, catalytic subunit
Gdpd2	NM_023608.3	9130017L10Rik,GDE3,RIKEN cDNA 9130017L10 gene	glycerophosphodiester phosphodiesterase domain containing 2
Gja1	NM_010288.3	alpha 1 connexin,AU040249,AW546267,Cnx43,connexin43,connexin 43,Cx43,Cx	gap junction protein, alpha 1
Gjb1	NM_008124.2	AI118175,connexin 32,connexin-32,Cx32,expressed sequence AI118175,Gjb-1,M	gap junction protein, beta 1
Gna15	NM_010304.3	G[a]15,Galpha15,MGD-MRK-10179	guanine nucleotide binding protein, alpha 15
Gpr183	NM_183031.2	Ebi2,Epstein-Barr virus induced gene 2	G protein-coupled receptor 183
Gpr34	NM_011823.4		G protein-coupled receptor 34
Gpr62	NM_001159652.1	4933402E03Rik,MGI:1914001,RIKEN cDNA 4933402E03 gene	G protein-coupled receptor 62
Gpr84	NM_030720.1	EX33	G protein-coupled receptor 84
Grap	NM_027817.3	8430435N19Rik,BB233594,expressed sequence BB233594,MGI:2144614,RIKEN c	GRB2-related adaptor protein
Gria1	NM_001252403.1	2900051M01Rik,AI853806,expressed sequence AI853806,Glur1,Glur-1,GluA1,Glur1	glutamate receptor, ionotropic, AMPA1 (alpha 1)
Gria2	NM_001039195.1	GluA2,Glur2,Glur-2,Glur2,Glur-B,glutamate receptor 2 (alpha 2),MGD-MRK-10	glutamate receptor, ionotropic, AMPA2 (alpha 2)
Gria4	NM_001113180.1	Glur4,Glur-4,Gluralpha4,glutamate receptor 4,MGD-MRK-10143,MGD-MRK-1015	glutamate receptor, ionotropic, AMPA4 (alpha 4)
Grin2a	NM_008170.2	GluN2A,GlurEpsilon1,MGD-MRK-10258,NMDAR2A,NR2A	glutamate receptor, ionotropic, NMDA2A (epsilon 1)
Grin2b	NM_008171.3	AW490526,expressed sequence AW490526,GluN2B,GlurEpsilon2,MGD-MRK-1025	glutamate receptor, ionotropic, NMDA2B (epsilon 2)
Grm2	NM_001160353.1	4930441L02Rik,Gprc1b,G protein coupled receptor, family C, group 1, member	glutamate receptor, metabotropic 2
Grm3	NM_181850.2	0710001G23Rik,Gprc1c,MGD-MRK-10266,MGI:1917596,MGI:95827,mGlu3,mGluR	glutamate receptor, metabotropic 3
Grn	NM_008175.3	acroepithelin,MGD-MRK-10272,PC cell-derived growth factor,Pgrn,progranulin	granulin
Gsn	NM_146120.3	MGD-MRK-10302	gelsolin
Gstm1	NM_010358.5	glutathione S-transferase Yb1 subunit,Gstb1,Gstb-1,MGD-MRK-10314,MGD-MRK-	glutathione S-transferase, mu 1
Gzma	NM_010370.2	AW494114,BLT esterase,Ctla3,Ctla-3,cytotoxic T lymphocyte-associated protei	granzyme A
Gzmb	NM_013542.2	AI553453,CCP1,CCP-1/C11,Ctla1,Ctla-1,cytotoxic T lymphocyte-associated prot	granzyme B
H2afx	NM_010436.2	AW228881,expressed sequence AW228881,gammaH2ax,H2ax,H2A.X,H2AX histor	H2A histone family, member X
H2-T23	NM_010398.3	37b,37c,H-2T23,MGD-MRK-10439,MGD-MRK-10553,Qa1,Qa-1,Qed-1,T18c,T18c(histocompatibility 2, T region locus 23
Hat1	NM_026115.4	2410071B14Rik,AA536933,expressed sequence AA536933,Hat-1,KAT1,MGD-MRK-	histone aminotransferase 1
Hcar2	NM_030701.1	Gpr109a,Gpr109b,G protein-coupled receptor 109A,G protein-coupled receptor	hydroxycarboxylic acid receptor 2
Hdac1	NM_008228.2	HD1,MGD-MRK-37123,MGI:3586542,modifier of murine metastable epialleles, D	histone deacetylase 1
Hdac2	NM_008229.2	D10Wsu179e,DNA segment, Chr 10, Wayne State University 179, expressed,MGI	histone deacetylase 2
Hdac4	NM_207225.1	4932408F19Rik,AI047285,expressed sequence AI047285,MGI:3034516,RIKEN cDN	histone deacetylase 4
Hdac6	NM_010413.3	MGI:1343096,mHDA2,scurfy candidate 6,Sfc6	histone deacetylase 6
Hdc	NM_008230.4	AW108189,expressed sequence AW108189,Hdc-a,Hdc-c,Hdc-e,Hdc-s,histidine d	histidine decarboxylase
Hells	NM_008234.3	AI323785,E130115I21Rik,expressed sequence AI323785,LSH,lymphoid specific h	helicase, lymphoid specific
Hif1a	NM_010431.2	AA959795,bHLHe78,expressed sequence AA959795,HIF1alpha,HIF-1alpha,MGD-/	hypoxia inducible factor 1, alpha subunit
Hilpda	NM_023516.5	2310016C08Rik,AW049004,expressed sequence AW049004,MGI:2141637,RIKEN c	hypoxia inducible lipid droplet associated
Hira	NM_010435.2	AA138857,D16Ert95e,DNA segment, Chr 16, ERATO Doi 95, expressed,EST AA1	histone cell cycle regulator
Hist1h1d	NM_145713.3	H1.3,H1D,H1f3,H1 histone family, member 3,H1s-4,MGD-MRK-36072	histone cluster 1, H1d
Hmgb1	NM_010439.3	amphoterin,DEF,high mobility group protein 1,Hmg1,HMG-1,MGD-MRK-10748,p	high mobility group box 1
Hmox1	NM_010442.2	D8Wsu38e,DNA segment, Chr 8, Wayne State University 38, expressed,hemoxyg	heme oxygenase 1
Homer1	NM_147176.2	PSD-Zip45,Ves-1	homer scaffolding protein 1
Hpgds	NM_019455.4	H-PGDS,prostaglandin D2 synthase 2, hematopoietic,prostaglandin D2 synthase	hematopoietic prostaglandin D synthase
Hprt	NM_013556.2	C81579,expressed sequence C81579,Hprt1,hyppoxanthine guanine phosphoribos	hypoxanthine guanine phosphoribosyl transferase
Hps4	NM_138646.3	2010205O06Rik,AU040608,BLOC-3,C130020P05Rik,expressed sequence AU04060	HPS4, biogenesis of lysosomal organelles complex 3 subunit 2
Hrk	NM_007545.2	AI838259,BH3 interacting (with BCL2 family) domain, apoptosis agonist,Bid3,DF	harakiri, BCL2 interacting protein (contains only BH3 domain)
Hsd11b1	NM_008288.2	11beta-HSD-1,11beta-hydroxysteroid dehydrogenase type 1,MGD-MRK-24447	hydroxysteroid 11-beta dehydrogenase 1
Hspb1	NM_013560.2	heat shock protein, 25 kDa,Hsp25,MGD-MRK-10954	heat shock protein 1
Hus1	NM_008316.2		HUS1 checkpoint clamp component
Icam2	NM_010494.1	CD102,Icam-2,MGD-MRK-11147,MGD-MRK-11150	intercellular adhesion molecule 2
Ifi30	NM_023065.3	GILT,IP30,lysosomal thio reductase IP30 precursor	interferon gamma inducible protein 30
Ifih1	NM_027835.2	9130009C22Rik,Helicard,MDA5,MDA-5,RIKEN cDNA 9130009C22 gene	interferon induced with helicase C domain 1
Ifitm2	NM_030694.1	fragilis,Ifitm3l,interferon induced transmembrane protein 3-like,mil-3	interferon induced transmembrane protein 2
Ifitm3	NM_025378.2	1110004C05Rik,Fgls,fragilis,IP15,mil-1,RIKEN cDNA 1110004C05 gene	interferon induced transmembrane protein 3
Ifnar1	NM_010508.1	Ifar,IFN-alpha/betaR,lfr,MGD-MRK-11211,MGD-MRK-11223,MGD-MRK-36233	interferon (alpha and beta) receptor 1
Ifnar2	NM_001110498.1	AI747302,expressed sequence AI747302,Ifnar-2,MGI:2146482	interferon (alpha and beta) receptor 2
Igf1	NM_001111274.1	C730016P09Rik,Igf-1,Igf-1,MGD-MRK-11226,MGD-MRK-11228,MGI:2444166,RIKEN	insulin-like growth factor 1
Igf1r	NM_010513.2	A330103N21Rik,CD221,hydrops fetalis,hyft,IGF-1R,line 186,MGD-MRK-11229,MC	insulin-like growth factor I receptor
Igf2r	NM_010515.1	AI661837,CD222,C1-MPR,expressed sequence AI661837,IGF-II/C1-MPR,M6P/IGF2I	insulin-like growth factor 2 receptor
IgSF10	NM_001162884.1	6530405F15Rik,AA409708,AA536958,Adlican2,AI414626,CMF608,expressed sequ	immunoglobulin superfamily, member 10
IgSF6	NM_030691.1		immunoglobulin superfamily, member 6
Ikbkb	NM_010546.2	AI132552,expressed sequence AI132552,IKK2,IKK-2,IKK[b],IKKbeta,IKK-beta,MG	inhibitor of kappaB kinase beta
Ikbke	NM_019777.3	AW558201,expressed sequence AW558201,IKKepsilon,IKK-i,MGI:2138621	inhibitor of kappaB kinase epsilon
Ikbkg	NM_178590.2	1110037D23Rik,AI848108,AI851264,AW124339,expressed sequence AI848108,ex	inhibitor of kappaB kinase gamma
IL10rb	NM_008349.5	6620401D04Rik,AI528744,CRF2-4,Crfb4,cytokine receptor family 2, member 4,I	interleukin 10 receptor, beta
IL15ra	NM_008358.2	AA690181,expressed sequence AA690181,MGD-MRK-26082,MGI:2138805	interleukin 15 receptor, alpha chain
IL1a	NM_010554.4	IL-1a,MGD-MRK-11351,MGD-MRK-11366	interleukin 1 alpha
IL1b	NM_008361.3	IL-1b,IL-1b,IL-1beta,MGD-MRK-11352,MGD-MRK-11367	interleukin 1 beta
IL1r1	NM_001123382.1	CD121a,IL1r-1,IL-1R1,IL-1 receptor alpha chain,IL-iR,MGD-MRK-11369,MGD-MRK	interleukin 1 receptor, type I
IL1r2	NM_010555.4	CD121b,IL1r-2,IL-1 receptor beta chain,MGD-MRK-11370,MGD-MRK-11372	interleukin 1 receptor, type II
IL1rap	NM_134103.2	6430709H04Rik,AI255955,AV239853,expressed sequence AI255955,expressed se	interleukin 1 receptor accessory protein
IL1rl2	NM_133193.3	AI481289,AW551444,expressed sequence AI481289,expressed sequence AW5514	interleukin 1 receptor-like 2
IL1rn	NM_031167.5	F630041P17Rik,IL-1ra,MGD-MRK-11373,MGI:2443250,RIKEN cDNA F630041P17 ge	interleukin 1 receptor antagonist
IL21r	NM_021887.1	NILR	interleukin 21 receptor
IL2rg	NM_013563.3	CD132,common cytokine receptor gamma chain,common gamma chain,gamma	interleukin 2 receptor, gamma chain
IL3	NM_010556.4	BPA,colony stimulating factor, multi (contains IL-3),Csfmu,HCGF,IL-3,MCGF,MGD-	interleukin 3

Il3ra	NM_008369.1	CD123,IL-3 receptor alpha chain,MGD-MRK-11381,SUT-1	interleukin 3 receptor, alpha chain
Il6ra	NM_010559.2	CD126,Il6r,IL-6R,IL-6 receptor alpha chain,interleukin 6 receptor,MGD-MRK-113	interleukin 6 receptor, alpha
Inpp5d	NM_001110192.1	AI323613,expressed sequence AI323613,MGD-MRK-35823,MGI:2138207,SHIP,SHIP	inositol polyphosphate-5-phosphatase D
Iqsec1	NM_001134383.1	AW561907,BC026481,BRAG2,cDNA sequence BC026481,cDNA sequence, clone 3	IQ motif and Sec7 domain 1
Irak1	NM_008363.2	AA408924,expressed sequence AA408924,IL1rak,interleukin 1 receptor-associated	interleukin-1 receptor-associated kinase 1
Irak2	NM_001113553.1	6330415L08Rik,AI649099,expressed sequence AI649099,IRAK-2,Irak2a,Irak2b,Ira	interleukin-1 receptor-associated kinase 2
Irak3	NM_028679.3	4833428C18Rik,AI563835,expressed sequence AI563835,IRAK-M,MGI:2143647,RI	interleukin-1 receptor-associated kinase 3
Irak4	NM_029926.5	8430405M07Rik,9330209D03Rik,IRAK-4,MGI:1918735,MGI:1924812,NY-REN-64,RI	interleukin-1 receptor-associated kinase 4
Irf1	NM_008390.1	AU020929,expressed sequence AU020929,Irf-1,MGD-MRK-11464,MGD-MRK-1146	interferon regulatory factor 1
Irf2	NM_008391.2	9830146E22Rik,AI646973,expressed sequence AI646973,Irf-2,MGD-MRK-11466,M	interferon regulatory factor 2
Irf3	NM_016849.4	C920001K05Rik,IRF-3,MGI:2441924,RIKEN cDNA C920001K05 gene	interferon regulatory factor 3
Irf4	NM_013674.1	AI385587,expressed sequence AI385587,IRF-4,MGD-MRK-29048,MGI:104895,MGI	interferon regulatory factor 4
Irf6	NM_016851.2	AI876454,E230028I05Rik,expressed sequence AI876454,MGI:2138372,MGI:24432	interferon regulatory factor 6
Irf7	NM_016850.2		interferon regulatory factor 7
Irf8	NM_008320.3	AI893568,expressed sequence AI893568,ICSBP,icsbp1,interferon consensus sequ	interferon regulatory factor 8
Islr2	NM_001161538.1	B930052A04Rik,Link,mbu-3,mKIAA1465,RIKEN cDNA B930052A04 gene	immunoglobulin superfamily containing leucine-rich repeat 2
Itga6	NM_008397.3	5033401O05Rik,AI115430,Cd49f,expressed sequence AI115430,MGD-MRK-11484,	integrin alpha 6
Itga7	NM_008398.2	[a]7,alpha7,MGD-MRK-19604	integrin alpha 7
Itgam	NM_001082960.1	Cd11b,CD11b/CD18,CD11B (p170),complement component receptor 3 alpha,cr	integrin alpha M
Itgav	NM_008402.2	1110004F14Rik,2610028E01Rik,alphav-integrin,CD51,D430040G12Rik,MGD-MRK-	integrin alpha V
Itgax	NM_021334.2	AI449405,Cd11c,CD11C (p150) alpha polypeptide,expressed sequence AI449405	integrin alpha X
Itgb5	NM_001145884.1	AA475909,AI874634,[b]5,[b]-5,[b]5A,[b]5B,beta5,beta-5,EST AA475909,ESTM23	integrin beta 5
Jag1	NM_013822.2	ABE2,Gsfabe2,gsf abnormal behavior 2,headturner,Headturner,Htu,MGI:189133	jagged 1
Jam2	NM_023844.4	2410030G21Rik,2410167M24Rik,AU016127,expressed sequence AU016127,JAM-2	junction adhesion molecule 2
Jarid2	NM_021878.2	AI317256,AU045941,C79929,C79931,expressed sequence AI317256,expressed se	jumonji, AT rich interactive domain 2
Jun	NM_010591.2	c-jun,Junc,Jun-C oncogene,MGD-MRK-11538,MGD-MRK-11540	jun proto-oncogene
Kat2a	NM_020004.5	1110051E14Rik,AW212720,expressed sequence AW212720,Gcn5,GCN5 general c	K(lysine) acetyltransferase 2A
Kat2b	NM_020005.3	A930006P13Rik,AI461839,AW536563,expressed sequence AI461839,expressed se	K(lysine) acetyltransferase 2B
Kcnd1	NM_008423.1	1110037K09Rik,Kca2-1,Kc++ channel, A current, subtype 2, gene 1 [Drosophila	potassium voltage-gated channel, Shal-related family, member 1
Kcnj10	NM_001039484.1	BIR10,BIRK-1,Kir1.2,Kir4.1	potassium inwardly-rectifying channel, subfamily J, member 10
Kcnk13	NM_146037.1	BB085247,expressed sequence BB085247,F730021E22Rik,gene model 1570, (NC	potassium channel, subfamily K, member 13
Kdm1a	NM_133872.1	1810043O07Rik,AA408884,amine oxidase (flavin containing) domain 2,Aof2,D4E	lysine (K)-specific demethylase 1A
Kdm1b	NM_172262.3	4632428N09Rik,AI482520,amine oxidase, flavin containing 1,Aof1,expressed se	lysine (K)-specific demethylase 1B
Kdm2a	NM_001001984.2	100043628,5530401A10Rik,AA589516,AW536790,Cxxc8,expressed sequence AA5	lysine (K)-specific demethylase 2A
Kdm2b	NM_001003953.1	Cxxc2,F-box and leucine-rich repeat protein 10,Fbxl10,Jhdm1b,mKIAA3014	lysine (K)-specific demethylase 2B
Kdm3a	NM_001038695.2	1700105C21Rik,C230043E16Rik,Jmjd1,Jmjd1a,jumonji domain containing 1,jun	lysine (K)-specific demethylase 3A
Kdm3b	NM_001081256.1	5830462I21Rik,JHDM2B,Jmjd1b,jumonji domain containing 1B,mKIAA1082,RIKE	lysine (K)-specific demethylase 3B
Kdm4a	NM_172382.2	D4Ert222e,DNA segment, Chr 4, ERATO Doi 222, expressed,JHDM3A,Jmjd2,Jm	lysine (K)-specific demethylase 4A
Kdm4b	NM_172132.1	4732474L06Rik,Jmjd2b,jumonji domain containing 2B,MGC:6349,mKIAA0876,RI	lysine (K)-specific demethylase 4B
Kdm4c	NM_144787.1	2410141F18Rik,AA517467,expressed sequence AA517467,Jmjd2c,jumonji doma	lysine (K)-specific demethylase 4C
Kdm4d	NM_173433.2	Jmjd2d,jumonji domain containing 2D	lysine (K)-specific demethylase 4D
Kdm5a	XR_377436.1	AA409370,C76986,EST C76986,expressed sequence AA409370,Jarid1a,jumonji,	lysine (K)-specific demethylase 5A
Kdm5b	NM_152895.2	2010009J12Rik,2210016I17Rik,AW556288,D1Ert202e,DNA segment, Chr 1, ERA	lysine (K)-specific demethylase 5B
Kdm5c	NM_013668.3	D930009K15Rik,Jarid1c,jumonji, AT rich interactive domain 1C (Rbp2 like),MGD	lysine (K)-specific demethylase 5C
Kdm5d	NM_011419.3	HY,Jarid1d,jumonji, AT rich interactive domain 1D (Rbp2 like),MGD-MRK-16566,	lysine (K)-specific demethylase 5D
Kdm6a	NM_009483.1	ubiquitously transcribed tetratricopeptide repeat gene, X chromosome,Utx	lysine (K)-specific demethylase 6A
Kif2c	NM_134471.3	4930402F02Rik,EST X83316,MGC:11883,MGD-MRK-28119,MGI:104825,RIKEN cDN	kinesin family member 2C
Kir3dl1	NM_177749.3	Kir1,LOC245615	killer cell immunoglobulin-like receptor, three domains, long cytoplasmic tail, 1
Kir3dl2	NM_177748.2	Kir2,LOC245615	killer cell immunoglobulin-like receptor, three domains, long cytoplasmic tail, 2
Kit	NM_001122733.1	belly-spot,Bs,CD117,c-KIT,dominant spotting,Dominant white spotting,Fdc,Gsfs	KIT proto-oncogene receptor tyrosine kinase
Klrb1	NM_001099918.1	100043861,4930431A04Rik,Gm4696,Ly55,Ly-55,lymphocyte antigen 55,MGD-MR	killer cell lectin-like receptor subfamily B member 1
Klrd1	NM_010654.2	CD94	killer cell lectin-like receptor, subfamily D, member 1
Klrf1	NM_001083322.1	D6H12S2489E,DNA Segment, Chr 6, human D12S2489E,Nkg2d,NKG2-D	killer cell lectin-like receptor subfamily K, member 1
Kmt2a	NM_001081049.1	acute lymphocytic leukemia,ALL1,ALL-1,Cxxc7,HTRX1,MGD-MRK-12254,MGD-MR	lysine (K)-specific methyltransferase 2A
Kmt2c	NM_001081383.1	E330008K23Rik,HALR,mKIAA1506,MIL3,myeloid/lymphoid or mixed-lineage leuk	lysine (K)-specific methyltransferase 2C
Lacc1	NM_172488.2	9030625A04Rik,RIKEN cDNA 9030625A04 gene	laccase (multicopper oxidoreductase) domain containing 1
Lag3	NM_008479.1	CD223,LAG-3,Ly66,lymphocyte antigen 66,MGD-MRK-35044	lymphocyte-activation gene 3
Lair1	NM_001113474.1	5133400011Rik,BB115266,D7Bwg0421e,DNA segment, Chr 7, Brigham & Women	leukocyte-associated Ig-like receptor 1
Lamp1	NM_010684.2	AI196048,CD107a,expressed sequence AI196048,Lamp-1,MGD-MRK-11740,MGD-/	lysosomal-associated membrane protein 1
Lamp2	NM_001017959.1	CD107b,Lamp-2,Lamp-2a,Lamp-2b,Lamp-2c,Mac3,MGD-MRK-11741,MGD-MRK-1	lysosomal-associated membrane protein 2
Lcn2	NM_008491.1	24p3,AW212229,expressed sequence AW212229,MGD-MRK-11759,MGI:2139327,r	lipocalin 2
Ldha	NM_010699.2	I7R2,lactate dehydrogenase-A,Ldh1,Ldh-1,LDH-A,lethal, Chr 7, Oak Ridge 2,MC	lactate dehydrogenase A
Ldlrad3	NM_178886.2	AI194318,expressed sequence AI194318,Lrad3	low density lipoprotein receptor class A domain containing 3
Lfng	NM_008494.3	AW061165,expressed sequence AW061165,lunatic fringe,MGI:2141150	LFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase
Lgmn	NM_011175.3	AEP,AI746452,AU022324,expressed sequence AI746452,expressed sequence AU0	legumain
Lig1	NM_001083188.1	AL033288,expressed sequence AL033288,Lig1,MGD-MRK-18597,MGI:2142100,mL	ligase I, DNA, ATP-dependent
Lilrb4a	NM_013532.3	CD85K, glycoprotein 49 B,Gp49b,HM18,ILT3,leukocyte immunoglobulin-like rece	leukocyte immunoglobulin-like receptor, subfamily B, member 4A
Lingo1	NM_181074.4	4930471K13Rik,AV148400,expressed sequence AV148400,LERN1, leucine rich re	leucine rich repeat and Ig domain containing 1
Lmna	NM_001002011.2	Dhe,disheveled hair and ear,lamin A/C,MGD-MRK-11818,MGI:2156104	lamin A
Lmnb1	NM_010721.2	MGD-MRK-11819	lamin B1
Lrg1	NM_029796.2	1300008B03Rik,2310031E04Rik,Lrhg,MGI:1916869,RIKEN cDNA 1300008B03 gene	leucine-rich alpha-2-glycoprotein 1
Lrrc25	NM_153074.3	Mapa,monocyte and plasmacytoid activated molecule	leucine rich repeat containing 25
Lrrc3	NM_145152.4	1300011L04Rik,MGI:1919013,RIKEN cDNA 1300011L04 gene	leucine rich repeat containing 3
Lsr	NM_001164184.1	ILDR3,Lisch7,liver-specific bHLH-Zip transcription factor	lipolysis stimulated lipoprotein receptor
Lst1	NM_010734.2	B144	leukocyte specific transcript 1
Lta	NM_010735.2	heart, lung and blood 382,hlb382,LT,LT-[a],LT[a],LTalpha,LT-alpha,Ltx,lymphoc	lymphotoxin A
Ltb	NM_008518.2	AI662801,expressed sequence AI662801,LTbeta,lymphotoxin beta,MGD-MRK-161	lymphotoxin B
Ltbr	NM_010736.3	AI256028,expressed sequence AI256028,Ltar,LTbetaR,LT beta-R,LT-beta recepto	lymphotoxin B receptor
Ltc4s	NM_008521.1	MGD-MRK-36066	leukotriene C4 synthase
Ly6a	NM_010738.2	Ly-6A.2,Ly-6A/E,Ly-6E.1,MGD-MRK-36097,Sca1,Sca-1,TAP	lymphocyte antigen 6 complex, locus A
Ly6g	XM_909927.2	Gr1,Gr-1,Ly-6G,MGD-MRK-38485	lymphocyte antigen 6 complex, locus G
Ly9	NM_008534.2	AI893573,CD229,expressed sequence AI893573,Lgp100,Ly-9,MGD-MRK-12008,MC	lymphocyte antigen 9
Lyn	NM_010747.1	AA407514,expressed sequence AA407514,Hck-2,hemopoietic cell kinase 2,MGD-	LYN proto-oncogene, Src family tyrosine kinase
Mafb	NM_010658.2	kr,kreisler,Kreisler,Kreisler (maf-related) leucine zipper protein,Krml1,MG	v-maf musculoaponeurotic fibrosarcoma oncogene family, protein B (avian)
Maff	NM_010755.3	MGD-MRK-12102	v-maf musculoaponeurotic fibrosarcoma oncogene family, protein F (avian)
Mag	NM_010758.2	Gma,MGD-MRK-10172,MGD-MRK-12105,siglec-4a	myelin-associated glycoprotein
Mal	NM_001171187.1	VIP17	myelin and lymphocyte protein, T cell differentiation protein
Man2b1	NM_010764.2	AW107687,expressed sequence AW107687,lysosomal alpha-mannosidase,MGD-M	mannosidase 2, alpha B1
Map1lc3a	NM_025735.1	1010001H21Rik,4922501H04Rik,LC3,LC3a,MGI:1913984,RIKEN cDNA 1010001H21	microtubule-associated protein 1 light chain 3 alpha
Map2k1	NM_008927.3	MAP kinase kinase 1,Mek1,MGD-MRK-19441,MGD-MRK-19443,MGI:102562,Prkkm	mitogen-activated protein kinase kinase 1
Map2k4	NM_009157.4	JNKK1,MGD-MRK-35660,MGI:107199,MKK4,SAPK/Erk/kinase 1,Sek1,Serk1	mitogen-activated protein kinase kinase 4
Map3k1	NM_011945.2	lg,Mekk,MEK1,MEK kinase,MGD-MRK-28141,MGI:104845	mitogen-activated protein kinase kinase kinase 1
Map3k14	NM_016896.3	aly,alymphoplasia,MGD-MRK-18699,MGI:101874,Nfkb inducing kinase,Nik	mitogen-activated protein kinase kinase kinase 14
Mapk10	NM_001081567.1	C230008H04Rik,JNK3,MGD-MRK-36125,MGI:107554,MGI:2442453,p493F12,RIKEN	mitogen-activated protein kinase 10
Mapk12	NM_013871.3	AW123708,Erk6,expressed sequence AW123708,MGI:2146196,P38gamma,Prkm1;	mitogen-activated protein kinase 12
Mapk14	NM_011951.2	CDC2-related kinase 1,Crk1,Csbp1,CSBP2,cytokine suppressive anti-inflammato	mitogen-activated protein kinase 14
Mapt	NM_001038609.2	AI413597,AW045860,expressed sequence AI413597,expressed sequence AW0458	microtubule-associated protein tau
Marco	NM_010766.2	AI323439,expressed sequence AI323439,MGI:2138205,Scara2	macrophage receptor with collagenous structure
Mavs	NM_144888.2	D430028G21Rik,IPS-1,RIKEN cDNA D430028G21 gene	mitochondrial antiviral signaling protein
Mb21d1	NM_173386.4	cGas,E330016A19Rik,RIKEN cDNA E330016A19 gene	Mab-21 domain containing 1
Mbd2	NM_010773.2	MBD2a	methyl-CpG binding domain protein 2
Mbd3	NM_013595.2	AI181826,AU019209,expressed sequence AI181826,expressed sequence AU0192	methyl-CpG binding domain protein 3
Mcm2	NM_008564.2	AA959861,AW476101,BM28,CDCL1,expressed sequence AA959861,expressed seq	minichromosome maintenance complex component 2
Mcm5	NM_008566.2	AA617332,AI324988,AL033333,Cdc46,cell division cycle 46 (S. cerevisiae),ex	minichromosome maintenance complex component 5
Mcm6	NM_008567.1	D1Wsu22e,DNA segment, Chr 1, Wayne State University 22, expressed,Mcmd6,	minichromosome maintenance complex component 6
Mdc1	NM_001010833.2	AA413496,expressed sequence AA413496,MGI:3035026,NFBD1	mediator of DNA damage checkpoint 1
Mdm2	NM_010786.4	1700007J15Rik,AA415488,expressed sequence AA415488,Mdm-2,MGD-MRK-1216	transformed mouse 3T3 cell double minute 2
Mef2c	NM_001170537.1	5430401D19Rik,9930028G15Rik,AV011172,expressed sequence AV011172,MGD-M	myocyte enhancer factor 2C
Mertk	NM_008587.1	c-mer proto-oncogene,Eyk,Mer,MGD-MRK-12199,MGI:2651818,neuroscience mul	c-mer proto-oncogene tyrosine kinase
Mfge8	NM_008594.2	AA408458,AI325141,EGF/factor VIII,expressed sequence AA408458,expressed se	milk fat globule-EGF factor 8 protein
Mgmt	NM_008598.2	Agat,AGT,AI267024,expressed sequence AI267024,MGD-MRK-1181,MGD-MRK-122	O-6-methylguanine-DNA methyltransferase

Mmp12	NM_008605.3	AV378681,expressed sequence AV378681,macrophage elastase,macrophage met	matrix metalloproteinase 12
Mmp14	NM_008608.3	AI325305,expressed sequence AI325305,Membrane type 1-MMP,MGD-MRK-18727	matrix metalloproteinase 14 (membrane-inserted)
Mobp	NM_001039364.2	AI835053,AI839848,expressed sequence AI835053,expressed sequence AI839848	myelin-associated oligodendrocytic basic protein
Mog	NM_010814.2	B230317G11Rik,MGD-MRK-13032,MGI:2443229,RIKEN cDNA B230317G11 gene	myelin oligodendrocyte glycoprotein
Mpeg1	NM_010821.1	Mpg-1,MPS1	macrophage expressed gene 1
Mpg	NM_010822.3	3-methyladenine DNA glycosylase,Aag,AI326268,alkylpurine-DNA-N-glycosylase,	N-methylpurine-DNA glycosylase
Mr1	NM_008209.4	H2Ls,histocompatibility-2 complex class 1-like sequence,MR1	major histocompatibility complex, class I-related
Mre11a	NM_018736.2		MRE11A homolog A, double strand break repair nuclease
Ms4a1	NM_007641.5	AA960661,Cd20,CD20 antigen,expressed sequence AA960661,Ly-44,lymphocyte	membrane-spanning 4-domains, subfamily A, member 1
Ms4a2	NM_001276330.1	Fce1b,Fc epsilon high affinity receptor beta,Fcer1b,FcRB,FcRbeta,Fc receptor,	membrane-spanning 4-domains, subfamily A, member 2
Ms4a4a	XM_003086124.1	EG666907,predicted gene, EG666907	membrane-spanning 4-domains, subfamily A, member 4A
Msh2	NM_008628.2	AI788990,expressed sequence AI788990,MGD-MRK-18634,MGI:2146922	mutS homolog 2
Msn	NM_010833.2	C78546,expressed sequence C78546,MGD-MRK-12566,MGI:2148057	moesin
Msr1	NM_001113326.1	MGD-MRK-14331,MRS-A,MSR-A,Scara1,scavenger receptor,Scvr,SR-AI,SR-AII	macrophage scavenger receptor 1
Mvp	NM_080638.2	2310009M24Rik,LRP,RIKEN cDNA 2310009M24 gene,VAULT1	major vault protein
Myc	NM_010849.4	AU016757,bHLHe39,c-myc,expressed sequence AU016757,MGD-MRK-12736,MGI:	myelocytomatosis oncogene
Myct1	NM_026793.2	1110020B04Rik,AI225941,AI642973,expressed sequence AI225941,expressed seq	myc target 1
Myd88	NM_010851.2	MGD-MRK-37039	myeloid differentiation primary response gene 88
Myrf	NM_001033481.1	gene model 1804, (NCBI),gene model 98, (NCBI),Gm1804,Gm98,LOC225908,LO	myelin regulatory factor
Nbn	NM_013752.3	Nbs1	nibrin
Ncaph	NM_144818.3	A730011011Rik,barren homolog (Drosophila),Brrn1,HCAP-H,mKIAA0074,RIKEN c	non-SMC condensin I complex, subunit H
Ncf1	NM_001286037.1	neutrophil cytosolic factor 1,MGD-MRK-12789,MGD-MRK-12792,NADPH oxidase	neutrophil cytosolic factor 1
Ncor1	NM_011308.2	5730405M06Rik,A230020K14Rik,MGD-MRK-24052,MGI:103184,MGI:2441784,MGI:	nuclear receptor co-repressor 1
Ncor2	NM_011424.2	SMRT,SMRTe	nuclear receptor co-repressor 2
Ncr1	NM_010746.3	Ly94,lymphocyte antigen 94,MAR1 (mouse activating receptor 1),NKp46	natural cytotoxicity triggering receptor 1
Nefl	NM_010910.1	AI847934,CMT2E,expressed sequence AI847934,MGD-MRK-12831,MGI:2145696,N	neurofilament, light polypeptide
Nfe2l2	NR_132727.1	AI194320,expressed sequence AI194320,MGD-MRK-37463,MGI:2138857,Nrf2	nuclear factor, erythroid derived 2, like 2
Nfkb1	NM_008689.2	MGD-MRK-12829,NF-kappaB,NF kappaB1,NF-kappaB p50,nuclear factor kappaB	nuclear factor of kappa light polypeptide gene enhancer in B cells 1, p105
Nfkb2	NM_019408.2	NF kappaB2,p52	nuclear factor of kappa light polypeptide gene enhancer in B cells 2, p49/p100
Nfkbia	NM_010907.2	AI462015,expressed sequence AI462015,IkappaBalpha,I-kappaBalpha,I(Kappa)B	nuclear factor of kappa light polypeptide gene enhancer in B cells inhibitor, alpha
Nfkbie	NM_008690.3		nuclear factor of kappa light polypeptide gene enhancer in B cells inhibitor, epsilon
Ngf	NM_001112698.1	MGD-MRK-12840, beta,Ngfb	nerve growth factor
Ngfr	NM_033217.3	LNGFR,MGD-MRK-12842,p75,p75 neurotrophin receptor,p75NGFR,p75NTR,Tnfrs	nerve growth factor receptor (TNFR superfamily, member 16)
Ninj2	NM_016718.2		ninjurin 2
Nkg7	NM_024253.4	2500004F03Rik,MGI:1919560,RIKEN cDNA 2500004F03 gene	natural killer cell group 7 sequence
Nlgn1	NM_138666.3	6330415N05Rik,BB179718,expressed sequence BB179718,MGI:1918002,MGI:214	neuroligin 1
Nlgn2	NM_198862.2	MGC:67386,NL2	neuroligin 2
Nlrp3	NM_145827.3	Cias1,cold autoinflammatory syndrome 1 homolog (human),cryopyrin,Mmig1,N	NLR family, pyrin domain containing 3
Nod1	NM_172729.2	Card4,caspase recruitment domain 4,F830007N14Rik,MGI:2443700,Nlrcc1,RIKEN	nucleotide-binding oligomerization domain containing 1
Nostrin	NM_181547.3	Daip2,mDalP2	nitric oxide synthase trafficker
Npl	NM_028749.1	0610033B02Rik,RIKEN cDNA 0610033B02 gene	N-acetylneuraminidase
Npnt	NM_001029836.1	1110009H02Rik,AA682063,AI314031,expressed sequence AA682063,expressed se	nephronectin
Nptx1	NM_008730.2	D11Bwg1004e,DNA segment, Chr 11, Brigham & Women's Genetics 1004 expres	neuronal pentraxin 1
Nqo1	NM_008706.5	AV001255,Dia4,diaphorase 4 (NADH),diaphorase 4 (NADH/NADPH),expressed se	NAD(P)H dehydrogenase, quinone 1
Nrgn	NM_022029.2	0710001B06Rik,AI838505,expressed sequence AI838505,expressed sequence R7	neurogranin
Nrm	NM_134122.2	2610307M02Rik,AI429796,expressed sequence AI429796,MGI:1919775,RIKEN cD	nr1m (nuclear envelope membrane protein)
Nrp2	NM_001077403.1	1110048P06Rik,MGI:1916002,NP2,NP-2,Npn2,Npn-2,RIKEN cDNA 1110048P06 ge	neuropilin 2
Nthl1	NM_008743.2	Nth1	nth (endonuclease III)-like 1 (E.coli)
Nwd1	NM_176940.5	A230063L24Rik,RIKEN cDNA A230063L24 gene	NACHT and WD repeat domain containing 1
Oas1g	NM_011852.2	2'-5' oligoadenylate synthetase 1,AI449562,expressed sequence AI449562,L2,MC	2'-5' oligoadenylate synthetase 1G
Ogg1	NM_010957.4	Mmh	8-oxoguanine DNA-glycosylase 1
Olfml3	NM_133859.2	2810002E22Rik,AI115209,AW550633,expressed sequence AI115209,expressed se	olfactomedin-like 3
Opalin	NM_153520.1	Tmem10,Tmp10,transmembrane protein 10	oligodendrocytic myelin paranodal and inner loop protein
Optn	NM_181848.4	4930441O07Rik,RIKEN cDNA 4930441O07 gene,TFIIIA-INTP	optineurin
Osgin1	NM_027950.1	1700012B18Rik,RIKEN cDNA 1700012B18 gene	oxidative stress induced growth inhibitor 1
Osmr	NM_011019.3	OSMRB	oncostatin M receptor
P2rx7	NM_001038839.2	AI467586,expressed sequence AI467586,MGI:2140909,P2X(7),P2X7R,P2X7 recep	purinergic receptor P2X, ligand-gated ion channel, 7
P2ry12	NM_027571.3	2900079B22Rik,4921504D23Rik,MGI:1920308,P2Y12,RIKEN cDNA 2900079B22 ge	purinergic receptor P2Y, G-protein coupled 12
Pacsin1	NM_011861.3	A830061D09Rik,MGI:2444712,mKIAA1379,RIKEN cDNA A830061D09 gene,Syndap	protein kinase C and casein kinase substrate in neurons 1
Padi2	NM_008812.2	MGD-MRK-13221,MGI:97534,mKIAA0994,PAD type II,Pdi,Pdi2,peptidyl arginine c	peptidyl arginine deiminase, type II
Pak1	NM_011035.2	activated protein kinase alpha,AW045634,expressed sequence AW045634,MGI:1	p21 protein (Cdc42/Rac)-activated kinase 1
Parp1	NM_007415.2	5830444G22Rik,ADP-ribosyltransferase (NAD+, poly (ADP-ribose) polymerase) 1	poly (ADP-ribose) polymerase family, member 1
Parp2	NM_009632.2	ADP-ribosyltransferase (NAD+; poly (ADP-ribose) polymerase) 2,ADP-ribosyltran	poly (ADP-ribose) polymerase family, member 2
Pcna	NM_011045.2	MGD-MRK-13178	proliferating cell nuclear antigen
Pdpn	NM_010329.2	glycoprotein 38,Gp38,MGD-MRK-23962,OTS-8,PA2.26,RANDAM-2,T1a,T1alpha	podoplanin
Pecam1	NM_008816.2	C85791,Cd31,CD31 antigen,expressed sequence C85791,MGD-MRK-13226,MGD-M	platelet/endothelial cell adhesion molecule 1
Pex14	NM_019781.2	expressed sequence R75137,MGI:2140717,Pex14p,R75137	peroxisomal biogenesis factor 14
Pik3ca	NM_008839.1	6330412C24Rik,caPI3K,MGI:1917992,p110alpha,RIKEN cDNA 6330412C24 gene	phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit alpha
Pik3cb	NM_029094.3	1110001J02Rik,AI447572,expressed sequence AI447572,MGI:2143049,p110beta,	phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit beta
Pik3cd	XM_003945690.1	2410099E07Rik,2610208K16Rik,AW545373,expressed sequence AW545373,MGI:1	phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit delta
Pik3cg	NM_020272.2	5830428L06Rik,MGI:1923289,p110gamma,PI3Kgamma,PI(3)Kgamma,PI3K-gamm	phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit gamma
Pik3r1	NM_001024955.1	AA414921,expressed sequence AA414921,MGD-MRK-13305,MGI:2145159,p50alpi	phosphoinositide-3-kinase regulatory subunit 1
Pik3r2	NM_008841.2	p85beta	phosphoinositide-3-kinase regulatory subunit 2
Pik3r5	NM_177320.2	AV230647,expressed sequence AV230647,F730038I15Rik,Foap2,MGI:2144465,p1	phosphoinositide-3-kinase regulatory subunit 5
Pilra	NM_153510.3	AV021745,expressed sequence AV021745,DFD03,MGI:2141104	paired immunoglobulin-like type 2 receptor alpha
Pilrb1	NM_133209.2	Fdact,paired immunoglobulin-like type 2 receptor beta,Pilrb	paired immunoglobulin-like type 2 receptor beta 1
Pink1	NM_026880.2	1190006F07Rik,AU042772,AW557854,brpk,expressed sequence AU042772,expre	PTEN induced putative kinase 1
Pla2g4a	NM_008869.2	cPLA2,cPLA2alpha,cytosolic phospholipase A2,cytosolic PLA2,phospholipase A2,	phospholipase A2, group IVA (cytosolic, calcium-dependent)
Pla2g5	NM_001122954.1	MGD-MRK-18726,sPLA2	phospholipase A2, group V
Plcg2	NM_172285.1	MGC:38590,MGD-MRK-13354,MGD-MRK-13356,Plcg-2,PLCgamma2	phospholipase C, gamma 2
Pld1	NM_001164056.1	AA536939,C85393,expressed sequence AA536939,expressed sequence C85393,M	phospholipase D1
Pld2	NM_008876.2		phospholipase D2
Pleckhb1	NM_001163184.1	AI315628,evt-1,expressed sequence AI315628,MGI:2141901,PH domain containi	pleckstrin homology domain containing, family B (evectins) member 1
Pleckhm1	NM_183034.1	AP162,B2,BC038943,cDNA sequence BC038943,D330036J23Rik,RIKEN cDNA D33	pleckstrin homology domain containing, family M (with RUN domain) member 1
Plip	NM_026385.3	0610010I06Rik,AV001002,expressed sequence AV001002,MGI:2142726,plasmolip	plasma membrane proteolipid
Plp1	NM_011123.2	DM20,jimpy,jp,MGD-MRK-11530,MGD-MRK-12562,MGD-MRK-13363,MGD-MRK-14;	proteolipid protein (myelin) 1
Plxdc2	NM_026162.5	1200007L24Rik,5430431D22Rik,AI646728,AU022916,AV231634,expressed sequer	plexin domain containing 2
Plxn3	NM_019587.2	AI451018,expressed sequence AI451018,MGI:2147891,MGI:2154211,plexin 6,Plx	plexin B3
Pmp22	NM_008885.2	Gas-3,growth arrest specific 3,MGD-MRK-13371,MGD-MRK-15215,MGD-MRK-998	peripheral myelin protein 22
Pms2	NM_008886.2	AW55130,DNA mismatch repair,expressed sequence AW55130,MGD-MRK-2561:	PMS1 homolog2, mismatch repair system component
Pnoc	NM_001205075.1	MGD-MRK-32349,N23K,neuropeptide nociceptin 1,N/OFQ,Npnc1,OFQ/N,proorp	prepronociceptin
Pole	NM_011132.2	pol-epsilon	polymerase (DNA directed), epsilon
Ppfia4	NM_001144855.1	100042382,1110008G13Rik,AI448359,AI852265,C81506,expressed sequence AI4	protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (liprin), alpha 4
Ppp3ca	NM_008913.4	2900074D19Rik,AI841391,AW413465,calcineurin,calcineurin, alpha subunit,Calr	protein phosphatase 3, catalytic subunit, alpha isoform
Ppp3cb	NM_008914.2	1110063J16Rik,calcineurin, beta subunit,Calnb,Cnab,CnAbeta,MGD-MRK-1737,	protein phosphatase 3, catalytic subunit, beta isoform
Ppp3r1	NM_024459.2	CaNB1,Cnb1,MGD-MRK-35633,PP2B beta 1	protein phosphatase 3, regulatory subunit B, alpha isoform (calcineurin B, type I)
Ppp3r2	NM_001004025.4	CaNB2,Cnb2,MGD-MRK-35632,PP2B beta 2	protein phosphatase 3, regulatory subunit B, alpha isoform (calcineurin B, type II)
Prdx1	NM_011034.4	macrophage 23kDa stress protein,macrophase stress protein 22kDa,MGD-MRK-1	peroxiredoxin 1
Prf1	NM_011073.2	MGD-MRK-13251,MGD-MRK-13605,perforin,perforin 1,Pfn,Pfp,pore forming prot	perforin 1 (pore forming protein)
Prkaca	NM_008854.3	C alpha,Cs,MGD-MRK-13323,PKA,Prkaca	protein kinase, cAMP dependent, catalytic, alpha
Prkacb	NM_011100.3	cAMP-dependent protein kinase C beta,MGD-MRK-13325,Prkacb	protein kinase, cAMP dependent, catalytic, beta
Prkar1a	NM_021880.2	1300018C22Rik,MGD-MRK-15266,MGD-MRK-15269,MGD-MRK-29031,MGI:1914726	protein kinase, cAMP dependent regulatory, type I, alpha
Prkar2a	NM_008924.2	1110061A24Rik,AI317181,AI836829,expressed sequence AI317181,expressed sec	protein kinase, cAMP dependent regulatory, type II alpha
Prkar2b	NM_011158.3	AI451071,AW061005,expressed sequence AI451071,expressed sequence AW0610	protein kinase, cAMP dependent regulatory, type II beta
Prkce	NM_011104.2	5830406C15Rik,expressed sequence R75156,MGD-MRK-13331,MGI:1914847,MGI:	protein kinase C, epsilon
Prkcq	NM_008859.2	A130035A12Rik,AW494342,expressed sequence AW494342,MGD-MRK-13333,MGI:	protein kinase C, theta
Prkdc	NM_011159.2	AI326420,AU019811,DNAPDCs,DNA-PK,DNA-PKcs,DOXNPH,doxorubicin nephropa	protein kinase, DNA activated, catalytic polypeptide
Prosd1	NM_011173.2	AW214361,expressed sequence AW214361,MGI:2146630,protein S	protein S (alpha)
Psen2	NM_001128605.1	Ad4h,AI266870,ALG-3,alzheimer disease 4 homolog,expressed sequence AI2668	presenilin 2
Psmb8	NM_010724.2	large multifunctional protease 7,Lmp7,Lmp-7,low molecular weight polypeptid	proteasome (prosome, macropain) subunit, beta type 8 (large multifunctional peptidase 7)
Pten	NM_008960.2	2310035O07Rik,A130070J02Rik,AI463227,B430203M17Rik,expressed sequence A	phosphatase and tensin homolog

Ptger3	NM_011196.2	EP3, MGD-MRK-13257, MGD-MRK-13662, Pger3, prostaglandin E receptor EP3 subunit	prostaglandin E receptor 3 (subtype EP3)
Ptger4	NM_008965.1	EP4, MGD-MRK-25639, prostaglandin E receptor EP4 subtype, Ptger4	prostaglandin E receptor 4 (subtype EP4)
Ptgs2	NM_011198.3	Cox-2, COX2, cyclooxygenase 2, cyclooxygenase-2, MGD-MRK-13665, Pghs2, PGHS-2	prostaglandin-endoperoxide synthase 2
Ptms	NM_026988.2	2610009E16Rik, RIKEN cDNA 2610009E16 gene	parathymosin
Ptpn6	NM_013545.2	hpc, Hcph, hemopoietic cell phosphatase, me, MGD-MRK-10672, MGD-MRK-12181, r	protein tyrosine phosphatase, non-receptor type 6
Ptprc	NM_011210.3	B220, Cd45, CD45, CD45 antigen, Ly-5, lymphocyte antigen 5, Lyt-4, MGD-MRK-1199	protein tyrosine phosphatase, receptor type, C
Pttg1	NM_001131054.1	AW555095, C87862, expressed sequence AW555095, expressed sequence C87862, r	pituitary tumor-transforming gene 1
Ptx3	NM_008987.3	AI607804, expressed sequence AI607804, MGD-MRK-26079, MGI:2139768, pentraxin	pentraxin related gene
Pycard	NM_023258.4	9130417A21Rik, Asc, MGI:1914074, RIKEN cDNA 9130417A21 gene, TMS-1	PYD and CARD domain containing
Rab6b	NM_173781.4	AI844641, C33006L04Rik, D9Bwg0185e, DNA segment, Chr 9, Brigham & Women's	RAB6B, member RAS oncogene family
Rab7	NM_009005.2	MGD-MRK-32107	RAB7, member RAS oncogene family
Rac1	NM_009007.2	AL023026, D5Erttd559e, DNA segment, Chr 5, ERATO Doi 559, expressed, expres	RAS-related C3 botulinum substrate 1
Rac2	NM_009008.3	AI323801, AI452260, expressed sequence AI323801, expressed sequence AI452260	RAS-related C3 botulinum substrate 2
Rad1	NM_011232.2		RAD1 checkpoint DNA exonuclease
Rad17	NM_001044371.1	9430035009Rik, MGI:2441744, MmRad24, RIKEN cDNA 9430035009 gene	RAD17 checkpoint clamp loader component
Rad50	NM_009012.2	MGD-MRK-38337, MGI:894309, Mrel, Rad50L, RAD50-like	RAD50 double strand break repair protein
Rad51	NM_011234.4	AV304093, expressed sequence AV304093, MGD-MRK-13824, MGI:2139265, Rad51a,	RAD51 recombinase
Rad51b	NM_009014.3	AI553500, expressed sequence AI553500, MGI:2144860, mREC2, R51H2, RAD51 hom	RAD51 paralog B
Rad51c	NM_053269.3	Rad51l2	RAD51 paralog C
Rad9a	NM_011237.2	Rad9, RAD9 homolog (S. pombe)	RAD9 checkpoint clamp component A
Rag1	NM_009019.2	MGD-MRK-13753, MGD-MRK-13755, Rag-1	recombination activating gene 1
Rala	NM_019491.5	3010001015Rik, AW322615, expressed sequence AW322615, MGD-MRK-13757, MGD	v-ral simian leukemia viral oncogene A (ras related)
Ralb	NM_022327.5	5730472018Rik, MGI:1917847, RIKEN cDNA 5730472018 gene	v-ral simian leukemia viral oncogene B
Rapgef3	NM_001177810.1	2310016P22Rik, 9330170P05Rik, Epac1, MGI:1917354, RIKEN cDNA 2310016P22Rik	Rap guanine nucleotide exchange factor (GEF) 3
Rb1cc1	NM_009826.4	2900055E04Rik, 5930404L04Rik, Cc1, coiled coil forming protein 1, Fip200, LaXp18	RB1-inducible coiled-coil 1
Rbfox3	NM_001024931.2	D11Bwg0517e, DNA segment, Chr 11, Brigham & Women's Genetics 0517 express	RNA binding protein, fox-1 homolog (C. elegans) 3
Rela	NM_009045.4	MGD-MRK-24172, p65, p65 NF kappaB	v-rel reticuloendotheliosis viral oncogene homolog A (avian)
Relb	NM_009046.2	MGD-MRK-24171, MGI:4838325, shep, spontaneous hepatitis	avian reticuloendotheliosis viral (v-rel) oncogene related B
Reln	NM_011261.2	MGD-MRK-13895, MGD-MRK-23859, reeler, rl	reelin
Rgl1	NM_016846.3	MGD-MRK-36052, Rgl	ral guanine nucleotide dissociation stimulator, -like 1
Rhoa	NM_016802.4	aplysia ras homolog A, Arha, Arha1, Arha2, MGI:1355308, ras homolog gene family,	ras homolog family member A
Ripk1	NM_009068.3	MGD-MRK-37251, receptor interacting protein, Rinp, Rip1	receptor (TNFRSF)-interacting serine-threonine kinase 1
Ripk2	NM_138952.3	2210420D18Rik, CARD3, CARDIAC, CCK, D4Bwg0615e, DNA segment, Chr 4, Brighan	receptor (TNFRSF)-interacting serine-threonine kinase 2
Rnf8	NM_021419.2	3830404E21Rik, AIP37, MGI:1917939, RIKEN cDNA 3830404E21 gene	ring finger protein 8
Rpa1	NM_026653.2	5031405K23Rik, 70kDa, AA589576, AW557552, expressed sequence AA589576, expr	replication protein A1
Rpl28	NM_009081.2	D7Wsu21e, DNA segment, Chr 7, Wayne State University 21, expressed, MGD-MRK	ribosomal protein L28
Rpl29	NM_009082.2	MGD-MRK-16472, ribosomal protein L43, Rpl43	ribosomal protein L29
Rpl36al	NM_025589.4	2410038A03Rik, RIKEN cDNA 2410038A03 gene, RPL36A	ribosomal protein L36A-like
Rpl9	NM_011292.2		ribosomal protein L9
Rps10	NM_025963.3	2210402A09Rik, RIKEN cDNA 2210402A09 gene	ribosomal protein S10
Rps2	NM_008503.5	Llrep3, MGD-MRK-32150, repeat family 3 gene	ribosomal protein S2
Rps21	NM_025587.2	1810049N11Rik, 2410030A14Rik, MGI:1923769, RIKEN cDNA 1810049N11 gene, RIKI	ribosomal protein S21
Rps3	NM_012052.2	D7Erttd795e, DNA segment, Chr 7, ERATO Doi 795, expressed, MGI:1289204	ribosomal protein S3
Rps9	NM_029767.2	3010033P07Rik, AL022771, AL022885, expressed sequence AL022771, expressed se	ribosomal protein S9
Rrm2	NM_009104.1	AA407299, expressed sequence AA407299, MGD-MRK-14210, MGI:2145142, R2	ribonucleotide reductase M2
Rsad2	NM_021384.2	2510004L01Rik, cig5, MGI:1919695, RIKEN cDNA 2510004L01 gene, Vig1, viperin	radical S-adenosyl methionine domain containing 2
Rtn4r1	NM_177708.4	MGI:2669799, Ngr3, Ngrh2, Ngrl2, nogo-66 receptor 3	reticulon 4 receptor-like 1
S100a10	NM_009112.2	42C, AA409961, AL024248, CAL12, Cal11, calpactin I light chain, CLP11, expressed s	S100 calcium binding protein A10 (calpactin)
S100b	NM_009115.3	AI850290, expressed sequence AI850290, MGD-MRK-14269, MGI:2143688	S100 protein, beta polypeptide, neural
S1pr3	NM_010101.3	AI132464, Edg3, endothelial differentiation, sphingolipid G-protein-coupled rec	sphingosine-1-phosphate receptor 3
S1pr4	NM_010102.2	Edg6, endothelial differentiation, G-protein-coupled receptor 6, lpC1, S1P4	sphingosine-1-phosphate receptor 4
S1pr5	NM_053190.2	Edg8, endothelial differentiation, sphingolipid G-protein-coupled receptor, 8, lp	sphingosine-1-phosphate receptor 5
Sall1	NM_021390.3	Msal-3	spalt like transcription factor 1
Sell	NM_006496716.1	AI528707, CD62L, expressed sequence AI528707, LECAM-1, Lnh, L-selectin, Ly-22, L	selectin, lymphocyte
Serpina3n	NM_009252.2	alpha-1 antitrypsin, antitrypsin, MGD-MRK-32084, serine protease inhibitor 2-	serine (or cysteine) peptidase inhibitor, clade A, member 3N
Serpine1	NM_008871.2	MGD-MRK-13344, PAI1, PAI-1, Planh1, plasminogen activator inhibitor, type I	serine (or cysteine) peptidase inhibitor, clade E, member 1
Serpinf1	NM_011340.3	AI195227, alpha-2 antiplasmin, EPC-1, expressed sequence AI195227, MGD-MRK-2	serine (or cysteine) peptidase inhibitor, clade F, member 1
Serping1	NM_009776.3	C1INH, C1 inhibitor, C1nh, complement component 1 inhibitor	serine (or cysteine) peptidase inhibitor, clade G, member 1
Sesn1	NM_001013370.2	1110002G11Rik, AU044290, expressed sequence AU044290, MGI:1915788, MGI:214	sestrin 1
Sesn2	NM_144907.1		sestrin 2
Setd1a	NM_178029.3	BC010250, cDNA sequence BC010250, KMT2F, MGC:55143, mKIAA0339	SET domain containing 1A
Setd1b	NM_001040398.1	AA516740, BC035291, cDNA sequence BC035291, expressed sequence AA516740, K	SET domain containing 1B
Setd2	NM_001081340.2	4921524K10Rik, BC031601, cDNA sequence BC031601, KMT3A, MGI:2446266, RIKEN	SET domain containing 2
Setd7	NM_080793.5	1600028F23Rik, KMT7, mKIAA1717, RIKEN cDNA 1600028F23 gene, Set7, Set7/9, SE	SET domain containing (lysine methyltransferase) 7
Setdb1	NM_018877.2	AU022152, ESET, expressed sequence AU022152, KMT1E, MGI:2139889, mKIAA0067	SET domain, bifurcated 1
Sftpd	NM_009160.2	AI573415, expressed sequence AI573415, MGD-MRK-16239, MGD-MRK-39514, MGI:2	surfactant associated protein D
Sh2d1a	NM_132588.1	Duncan disease homolog, SAP	SH2 domain containing 1A
Shank3	NM_021423.3	AI841104, expressed sequence AI841104, MGI:2146068, ProSAP2	SH3 and multiple ankyrin repeat domains 3
Siglec1	NM_011426.3	CD169, MGD-MRK-16453, sialoadhesin, Siglec-1, Sn	sialic acid binding Ig-like lectin 1, sialoadhesin
SiglecF	NM_145581.1	mSiglec-F, sialic acid binding Ig-like lectin 5, Siglec5	sialic acid binding Ig-like lectin F
Sin3a	NM_001110350.1	AW553200, expressed sequence AW553200, MGD-MRK-24169, MGD-MRK-35618, MG	transcriptional regulator, SIN3A (yeast)
Sirt1	NM_019812.2	AA673258, expressed sequence AA673258, MGI:2143506, Sir2, Sir2alpha	sirtuin 1
Slamf8	NM_029084.3	5830408F06Rik, Blame, RIKEN cDNA 5830408F06 gene, SBB142	SLAM family member 8
Slamf9	NM_029612.4	2310026I04Rik, AI462096, Cd2f10, CD2F-10, CD84-H1, expressed sequence AI46209	SLAM family member 9
Slc10a6	NM_029415.2	8430417G17Rik, C78479, expressed sequence C78479, MGI:2141304, RIKEN cDNA 8	solute carrier family 10 (sodium/bile acid cotransporter family), member 6
Slc17a6	NM_080853.3	2900073D12Rik, MGI:1920305, RIKEN cDNA 2900073D12 gene, VGLUT2	solute carrier family 17 (sodium-dependent inorganic phosphate cotransporter), member 6
Slc17a7	NM_182993.2	2900052E22Rik, AI851913, expressed sequence AI851913, MGI:2142059, RIKEN cDN	solute carrier family 17 (sodium-dependent inorganic phosphate cotransporter), member 7
Slc1a3	NM_148938.3	AI504299, B430115D02Rik, Eaat1, excitatory amino acid transporter 1, expressed	solute carrier family 1 (glial high affinity glutamate transporter), member 3
Slc2a1	NM_011400.3	glucose transporter 1, erythrocyte, Glut1, Glut-1, MGD-MRK-10155, MGD-MRK-101	solute carrier family 2 (facilitated glucose transporter), member 1
Slc2a5	NM_019741.3	AI526984, expressed sequence AI526984, GLUT5, MGI:2140325	solute carrier family 2 (facilitated glucose transporter), member 5
Slc44a1	NM_001159633.1	2210409B22Rik, 4833416H08Rik, AW547365, Cdw92, CDW92 antigen, CHTL1, CTL1, r	solute carrier family 44, member 1
Slc6a1	NM_178703.4	Gabt, Gabt1, gamma-aminobutyric acid (GABA-A) transporter, gamma-aminobuty	solute carrier family 6 (neurotransmitter transporter, GABA), member 1
Slco2b1	NM_175316.3	AI060904, AI852653, expressed sequence AI060904, expressed sequence AI852653	solute carrier organic anion transporter family, member 2b1
Slnf8	NM_181545.4		schlafen 8
Smarca4	NM_011417.2	b2b508.1Clo, b2b692Clo, brahma related gene 1, Brg1, MGD-MRK-1622, MGI:53139	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 4
Smarca5	NM_053124.2	4933427E24Rik, D030040M08Rik, D330027N15Rik, MGI:1918447, MGI:2441934, MGI:	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 5
Smarcd1	NM_031842.1	AA407987, Baf60a, D15Kz1, DNA segment, Chr 15, Kozak 1, expressed sequence A,	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 1
Smc1a	NM_019710.2	5830426I24Rik, MGI:1915016, RIKEN cDNA 5830426I24 gene, SB1.8, Smc1.8, Smc1alp	structural maintenance of chromosomes 1A
Snca	NM_009221.2	alpha-Syn, alphaSYN, alpha-synuclein	synuclein, alpha
Socs3	NM_007707.2	CIS3, Cish3, cytokine inducible SH2-containing protein 3, cytokine-inducible SH2	suppressor of cytokine signaling 3
Sod2	NM_013671.3	manganese SOD, manganese superoxide dismutase, MGC:6144, MGD-MRK-14484, h	superoxide dismutase 2, mitochondrial
Sox10	NM_128139.6	Dom, dominant megacolon, gray tremor, grt, MGD-MRK-10325, MGD-MRK-14497, MG	SRY (sex determining region Y)-box 10
Sox4	NM_009238.2	AA682046, expressed sequence AA682046, MGD-MRK-14495, MGD-MRK-14505, MGI	SRY (sex determining region Y)-box 4
Sox9	NM_011448.4	2010306G03Rik, AV220920, expressed sequence AV220920, MGD-MRK-14510, MGI:	SRY (sex determining region Y)-box 9
Sphk1	NM_011451.3	1110006G24Rik, MGI:1913372, RIKEN cDNA 1110006G24 gene, SK1	sphingosine kinase 1
Spib	NM_019866.1	Spi-B	Spi-B transcription factor (Spi-1/PU.1 related)
Spint1	NM_016907.3	HAI-1	serine protease inhibitor, Kunitz type 1
Spp1	NM_009263.3	2ar, 44kDa bone phosphoprotein, AA960535, activation protein lymphocyte 1, AI7	secreted phosphoprotein 1
Sqstm1	NM_011018.2	A170, MGD-MRK-36511, OSF-6, Osi, oxidative stress induced, p62, STAP	sequestosome 1
Srgn	NM_011157.2	MGD-MRK-13606, MGD-MRK-14384, Prg1, proteoglycan 1, secretory granule, Sgc	serglycin
Srxn1	NM_029688.4	1700127B04Rik, AI854065, AW488194, expressed sequence AI854065, expressed se	sulfiredoxin 1 homolog (S. cerevisiae)
St3gal6	NM_018784.2	1700023B24Rik, AI930218, AW552396, expressed sequence AI930218, expressed se	ST3 beta-galactoside alpha-2,3-sialyltransferase 6
St8sia6	NM_145838.1	1700007J08Rik, AI314453, AI875066, expressed sequence AI314453, expressed seq	ST8 alpha-N-acetyl-neuraminidase alpha-2,8-sialyltransferase 6
Stat1	NM_009283.3	2010005J02Rik, AA408197, expressed sequence AA408197, MGD-MRK-23925, MGI:	signal transducer and activator of transcription 1
Steap4	NM_054098.3	1110021017Rik, AI481214, expressed sequence AI481214, MGI:2140915, MGI:2152:	STEAP family member 4
Stmn1	NM_019641.3	19K, AI131641, expressed sequence AI131641, Lag, Lap18, leukemia-associated gei	stathmin 1
Stx18	NM_026959.2	1810035L21Rik, 4933425D03Rik, AU041562, expressed sequence AU041562, MGI:1'	syntaxin 18
Sumo1	NM_009460.1	PIC1, SENTRIN, Smt3C, ubiquitin-like 1, Ubl1	small ubiquitin-like modifier 1
Suv39h1	NM_011514.2	AI852103, AL022883, DNA segment, Chr X, human S7466E, expressed, DXHXS7466	suppressor of variegation 3-9 1
Suv39h2	NM_022724.4	4930507K23Rik, AA536750, D2Erttd544e, DNA segment, Chr 2, ERATO Doi 544, exp	suppressor of variegation 3-9 2
Suz12	NM_199196.1	2610028016Rik, AI195385, AU016842, AW536442, D11Erttd530e, DNA segment, Chr	SUZ12 polycomb repressive complex 2 subunit

Syk	NM_001198977.1	MGD-MRK-16292,Sykb	spleen tyrosine kinase
Syn2	NM_013681.1	2900074L19Rik,AI836018,AI841723,expressed sequence AI836018,expressed seq	synapsin II
Syp	NM_009305.2	A230093K24Rik,AI848995,expressed sequence AI848995,MGD-MRK-14690,MGI:21	synaptophysin
Tarbp2	NM_001253795.1	MGD-MRK-23864,MGD-MRK-37240,MGI:108201,Prbp,protamine RNA binding prot	TARBP2, RISC loading complex RNA binding subunit
Tbc1d4	NM_001081278.2	5930406J04Rik,AS160,AV295684,expressed sequence AV295684,MGI:2442592,MC	TBC1 domain family, member 4
Tbr1	NM_009322.3	MGD-MRK-35872	T-box brain gene 1
Tbx21	NM_019507.2	Tbet,T-bet,Tblym,TBT1	T-box 21
Tcirg1	NM_001136091.1	ATP6a3,Atp6i,ATPase, H+ transporting, lysosomal I,MGD-MRK-12970,MGI:97398,	T cell, immune regulator 1, ATPase, H+ transporting, lysosomal V0 protein A3
Tcl1	NM_009337.3		T cell lymphoma breakpoint 1
Tet1	NM_027384.1	2510010B09Rik,AA517754,BB001228,Cxxc6,CXXC finger 6,D10Ert17e,DNA segm	tet methylcytosine dioxygenase 1
Tfg	NM_001252443.1	AI173908,expressed sequence AI173908,MGI:2146382	Trk-fused gene
Tgfa	NM_031199.2	MGD-MRK-15062,MGD-MRK-15421,MGD-MRK-15423,wa1,wa-1,waved 1	transforming growth factor alpha
Tgfb1	NM_011577.1	MGD-MRK-15063,MGD-MRK-15064,MGD-MRK-15067,Tgfb,Tgfb-1,TGFbeta1,TGF-l	transforming growth factor, beta 1
Tgfb1	NM_009370.2	Alk-5,ALK5,AU017191,expressed sequence AU017191,MGD-MRK-15070,MGI:214C	transforming growth factor, beta receptor I
Tgm1	NM_001161714.1	2310004J08Rik,K polypeptide,MGD-MRK-15072,MGI:1916760,protein-glutamine:transglutaminase 1, K polypeptide	transglutaminase 1, K polypeptide
Tgm2	NM_009373.3	G[ja]h,MGD-MRK-15073,protein-glutamine gamma-glutamyltransferase,TG2,TG	transglutaminase 2, C polypeptide
Tie1	NM_011587.2	D430008P04Rik,MGD-MRK-16703,MGI:2443090,RIKEN cDNA D430008P04 gene,TI	tyrosine kinase with immunoglobulin-like and EGF-like domains 1
Timeless	NM_011589.1	C77407,expressed sequence C77407,MGI:2143916,tim	timeless circadian clock 1
Timp1	NM_011593.2	Clgi,MGC:7143,MGD-MRK-15110,MGD-MRK-2015,TIMP-1	tissue inhibitor of metalloproteinase 1
Tle3	NM_009389.2	2610103N05Rik,ESG,Grg3a,Grg3b,MGD-MRK-26071,MGI:1917582,mKIAA1547,RIK	transducin-like enhancer of split 3
Tlr2	NM_011905.2	Ly105	toll-like receptor 2
Tlr4	NM_021297.2	lipopolysaccharide response,Lps,MGD-MRK-11879,MGD-MRK-26042,Rasl2-8,RAS-	toll-like receptor 4
Tlr7	NM_133211.3		toll-like receptor 7
Tm4sf1	NM_008536.3	12A8 target antigen,L6,L6 antigen,M3s1,membrane component, surface marker	transmembrane 4 superfamily member 1
Tmc7	NM_172476.4	1700030H01Rik,C630024K23Rik,MGI:1916750,RIKEN cDNA 1700030H01 gene,RIK	transmembrane channel-like gene family 7
Tmcc3	NM_172051.2	AW488095,C630016B22Rik,C88213,expressed sequence AW488095,expressed seq	transmembrane and coiled coil domains 3
Tmem100	NM_026433.2	1810057C19Rik,AV011897,expressed sequence AV011897,MGI:2144451,RIKEN cD	transmembrane protein 100
Tmem119	NM_146162.2	AW208946,BC025600,cDNA sequence BC025600,expressed sequence AW208946,	transmembrane protein 119
Tmem144	NM_027495.4	1110057I03Rik,5730537D05Rik,MGI:1916079,RIKEN cDNA 1110057I03 gene,RIKEN	transmembrane protein 144
Tmem173	NM_028261.1	2610307O08Rik,ERIS,MPYS,RIKEN cDNA 2610307O08 gene,Sting	transmembrane protein 173
Tmem204	NM_001001183.1	BC054438,cDNA sequence BC054438	transmembrane protein 204
Tmem206	NM_025864.3	2310028N02Rik,AI118576,expressed sequence AI118576,MGI:2138161,RIKEN cD	transmembrane protein 206
Tmem37	NM_019432.2	AI173373,AW540203,expressed sequence AI173373,expressed sequence AW5402	transmembrane protein 37
Tmem64	NM_181401.3	9630015D15Rik,AI790744,AV300874,expressed sequence AI790744,expressed seq	transmembrane protein 64
Tmem88b	NM_001033394.3	A230069A22Rik,RIKEN cDNA A230069A22 gene	transmembrane protein 88B
Tnf	NM_013693.2	DIF,MGD-MRK-15151,MGD-MRK-28090,Tnfa,TNFalpha,TNF alpha,TNF-alpha,Tnfs	tumor necrosis factor
Tnfrsf10b	NM_020275.3	DR5,KILLER,Killer/Dr5,Ly98,TRAILR2,TRAIL-R2,Trail Receptor,TRICK2A,TRICK2B,	tumor necrosis factor receptor superfamily, member 10b
Tnfrsf11b	NM_008764.3	MGD-MRK-39586,OCIF,Opp,OPG,osteoclastogenesis inhibitory factor,osteoprote	tumor necrosis factor receptor superfamily, member 11b (osteoprotegerin)
Tnfrsf12a	NM_001161746.1	AI255180,C87282,expressed sequence AI255180,expressed sequence C87282,Fn	tumor necrosis factor receptor superfamily, member 12a
Tnfrsf13c	NM_028075.2	2010006P15Rik,Baffr,BAFF-R,B-cell maturation defect 1,Bcmd1,Bcmd-1,Lvis22,	tumor necrosis factor receptor superfamily, member 13c
Tnfrsf17	NM_011608.1	BCM,BCMA,Tnfrsf13,Tnfrsf13a	tumor necrosis factor receptor superfamily, member 17
Tnfrsf1a	NM_011609.2	CD120a,MGD-MRK-15155,MGD-MRK-15156,MGI:98781,p55,p55-R,TNF-alphaR1,T	tumor necrosis factor receptor superfamily, member 1a
Tnfrsf1b	NM_011610.3	CD120b,MGD-MRK-15154,MGD-MRK-15157,MGI:98782,p75,p75 TNFR,TNF-alphaR	tumor necrosis factor receptor superfamily, member 1b
Tnfrsf25	NM_033042.3	APO-3,DDR3,DR3,LARD,Tnfrsf12,TR3,TRAMP;tumor necrosis factor receptor sup	tumor necrosis factor receptor superfamily, member 25
Tnfrsf4	NM_011659.2	ACT35,CD134,MGD-MRK-13094,MGD-MRK-25943,Ox40,Ox-40 T-cell antigen,tax-1	tumor necrosis factor receptor superfamily, member 4
Tnfrsf10	NM_009425.2	A330042I21Rik,AI448571,APO-2L,expressed sequence AI448571,MGD-MRK-35883	tumor necrosis factor (ligand) superfamily, member 10
Tnfrsf12	NM_011614.3	APO3L,DR3L,TNF-related weak inducer of apoptosis,Tweak	tumor necrosis factor (ligand) superfamily, member 12
Tnfrsf13b	NM_033622.1	BAFF,BlvS,D8Ert387e,DNA segment, Chr 8, ERATO Doi 387, expressed,MGI:119	tumor necrosis factor (ligand) superfamily, member 13b
Tnfrsf4	NM_009452.2	Ath1,Ath-1,atherosclerosis 1,CD134L,gp34,MGD-MRK-1447,MGD-MRK-1450,MGD	tumor necrosis factor (ligand) superfamily, member 4
Tnfrsf8	NM_009403.2	CD153,CD30 antigen ligand,Cd30L,Cd30LG,MGD-MRK-1847	tumor necrosis factor (ligand) superfamily, member 8
Top2a	NM_011623.2	DNA Topoisomerase II alpha,MGD-MRK-15166,MGD-MRK-15169,Top-2,topoisomer	topoisomerase (DNA) II alpha
Topbp1	NM_176979.5	1110031N14Rik,2810429C13Rik,AI256758,D430026L04Rik,expressed sequence A	topoisomerase (DNA) II binding protein 1
Tpd52	NM_001025262.1	AI043038,expressed sequence AI043038,mD52,MGD-MRK-36325,MGI:2139619	tumor protein D52
Tpsb2	NM_010781.3	AV011504,expressed sequence AV011504,mast cell protease 6,Mcp6,Mcp-6,Mcp1	tryptase beta 2
Tradd	NM_001033161.2	9130005N23Rik,AA930854,expressed sequence AA930854,MGD-MRK-38244,MGI:	TNFRSF1A-associated via death domain
Traf1	NM_009421.3	4732496E14Rik,MGD-MRK-18657,MGI:2443877,RIKEN cDNA 4732496E14 gene	TNF receptor-associated factor 1
Traf2	NM_009422.2	AI325259,expressed sequence AI325259,MGD-MRK-18656,MGI:2138907	TNF receptor-associated factor 2
Traf3	NM_011632.3	AI528849,CAP-1,CD40bp,CRAF1,expressed sequence AI528849,LAP1,MGD-MRK-3	TNF receptor-associated factor 3
Traf6	NM_009424.2	2310003F17Rik,AI851288,C630032O20Rik,expressed sequence AI851288,MGD-MR	TNF receptor-associated factor 6
Trat1	NM_198297.3	C030046M14Rik,RIKEN cDNA C030046M14 gene,T-cell receptor interacting mole	T cell receptor associated transmembrane adaptor 1
Trem1	NM_021406.5		triggering receptor expressed on myeloid cells 1
Trem2	NM_031254.2	MGI:1932924,MGI:1932925,Trem2a,Trem2b,Trem2c,triggering receptor expresse	triggering receptor expressed on myeloid cells 2
Trem3	NM_021407.3	BB134760,expressed sequence BB134760,MGI:2147107	triggering receptor expressed on myeloid cells 3
Trim47	NM_001205081.1	2210023F24Rik,RIKEN cDNA 2210023F24 gene	tripartite motif-containing 47
Trp53	NM_011640.1	MGD-MRK-15247,MGI:3584375,MGI:3584378,MGI:3584379,p44,p53	transformation related protein 53
Trp53bp2	NM_173378.2	53BP2,AI746547,ASPP2,expressed sequence AI746547,expressed sequence X985	transformation related protein 53 binding protein 2
Trp73	NM_011642.3	deltaNp73,p73,Tap73	transformation related protein 73
Trpa1	NM_177781.4	ANKTM1	transient receptor potential cation channel, subfamily A, member 1
Trpm4	NM_175130.4	1110030C19Rik,AW047689,expressed sequence AW047689,LTRPC4,MGI:2142190	transient receptor potential cation channel, subfamily M, member 4
Tspan18	NM_183180.2	2610042G18Rik,BB226562,expressed sequence BB226562,MGI:3035432,RIKEN cD	tetraspanin 18
Ttr	NM_013697.4	AA408768,AI787086,D17860,expressed sequence AA408768,expressed sequence	transthyretin
Tubb3	NM_023279.2	3200002H15Rik,betaIII-tubulin,MGD-MRK-36390,MGI:1914177,RIKEN cDNA 3200C	tubulin, beta 3 class III
Tubb4a	NM_009451.3	AI325297,expressed sequence AI325297,MGD-MRK-15302,MGD-MRK-36425,MGI:2	tubulin, beta 4A class IVA
Txnrd1	NM_015762.2	TR,TR1,TR alpha,TrxR1	thioredoxin reductase 1
Tyrobp	NM_011662.2	DAP12,KARAP,killer cell activating receptor associated protein	TYRO protein tyrosine kinase binding protein
Ugt8a	NM_011674.4	AI850488,AW455908,Cgt,expressed sequence AI850488,expressed sequence AW	UDP galactosyltransferase 8A
Ulk1	NM_009469.3	AU041434,expressed sequence AU041434,MGI:2141081,mKIAA0722,Unc51.1	unc-51 like kinase 1
Ung	NM_001040691.1	MGD-MRK-38397,UNG1	uracil DNA glycosylase
Uty	NM_009484.2	histocompatibility Y antigen D-restricted,Hydb,MGD-MRK-11034,MGI:96299	ubiquitously transcribed tetratricopeptide repeat gene, Y chromosome
Vamp7	NM_011515.4	Sybl1,synaptobrevin like 1,VAMP-7	vesicle-associated membrane protein 7
Vav1	NM_011691.4	MGD-MRK-15381	vav 1 oncogene
Vegfa	NM_001025250.3	MGD-MRK-24046,vascular endothelial growth factor,Vegf,VEGF120,VEGF164,VE	vascular endothelial growth factor A
Vim	NM_011701.4	MGD-MRK-15395	vimentin
Vps4a	NM_126165.1	4930589C15Rik,AI325971,AW553189,expressed sequence AI325971,expressed se	vacuolar protein sorting 4A
Vps4b	NM_009190.2	8030489C12Rik,MGI:2442405,RIKEN cDNA 8030489C12 gene,Skd1,suppressor of	vacuolar protein sorting 4B
Was	NM_009515.2	expressed sequence U42471,MGD-MRK-32098,MGI:2144716,U42471,Wasp,Wisko	Wiskott-Aldrich syndrome
Wdr5	NM_080848.2	2410008O07Rik,AA408785,AA960360,Big-3,Bmp2-induced gene,expressed sequ	WD repeat domain 5
Xcl1	NM_008510.1	AI661682,ATAC,expressed sequence AI661682,Lptn,LTN,lymphotactin,MGD-MRK	chemokine (C motif) ligand 1
Xiap	NM_009688.2	1110015C02Rik,Aipa,Ap3,apoptosis inhibitor 3,apoptosis inhibitory protein A,b	X-linked inhibitor of apoptosis
Xrcc6	NM_010247.2	G22p1,Ku70,Ku p70,MGD-MRK-9914,thyroid autoantigen	X-ray repair complementing defective repair in Chinese hamster cells 6
Zbp1	NM_021394.2	2010010H03Rik,Dai,MGI:1917117,mZaDLM,RIKEN cDNA 2010010H03 gene	Z-DNA binding protein 1
Zfp367	NM_175494.4	8030486J21Rik,RIKEN cDNA 8030486J21 gene,ZFF29a,ZFF29b	zinc finger protein 367
Aars	NM_146217.4	AI316495,C76919,expressed sequence AI316495,expressed sequence C76919,MC	alanyl-tRNA synthetase
Asb10	NM_080444.4	Asb-10,BB137407,expressed sequence BB137407,MGI:2141266	ankyrin repeat and SOCS box-containing 10
Ccdc127	NM_024201.3	0610011N22Rik,5430420E17Rik,AI256405,AW050060,expressed sequence AI2564	coiled-coil domain containing 127
Cnot10	NM_153585.5	2600001P13Rik,RIKEN cDNA 2600001P13 gene	CCR4-NOT transcription complex, subunit 10
Csnk2a2	NM_009974.3	1110035J23Rik,C77789,CK2,expressed sequence C77789,MGD-MRK-2205,MGI:19	casein kinase 2, alpha prime polypeptide
Fam104a	NM_138598.5	D11Wsu99e,DNA segment, Chr 11, Wayne State University 99, expressed,MGD-l	family with sequence similarity 104, member A
Gusb	NM_010368.1	adipose storage deficiency,AI747421,asd,beta-glucuronidase regulator,beta-glu	glucuronidase, beta
Lars	NM_134137.2	2310045K21Rik,3110009L02Rik,AW536573,expressed sequence AW536573,MGI:1	leucyl-tRNA synthetase
Mto1	NM_026658.2	2310039H01Rik,5730419A02Rik,MGI:1917779,RIKEN cDNA 2310039H01 gene,RIK	mitochondrial tRNA translation optimization 1
Supt7l	NM_028150.1	2610524B01Rik,6030455L14Rik,MGI:1924975,RIKEN cDNA 2610524B01 gene,RIK	suppressor of Ty 7-like
Tada2b	NM_001170454.1	AA474455,expressed sequence AA474455, gene model 145, (NCBI),Gm145,LOC2:	transcriptional adaptor 2B
Tbp	NM_013684.3	general transcription factor IID,Gtf2d,MGD-MRK-18659,MGD-MRK-24009	TATA box binding protein
Xpnpep1	NM_133216.3	D230045I08Rik,MGI:2444044,RIKEN cDNA D230045I08 gene	X-prolyl aminopeptidase (aminopeptidase P) 1, soluble