

Calm4	NM_020036.4	2310037J09RIK, Scarf, DD112	calmodulin 4
Camk2b	NM_001174053.1	CaMK II	calcium/calmodulin-dependent protein kinase II, beta
Camk2d	NM_001025439.1	CaMK II, 2810011D23RIK, 8030469K03RIK	calcium/calmodulin-dependent protein kinase II, delta
Camk2g	NM_001039138.1	Camkg, 5930429P18RIK, CaMK II, Ca2+/calmodulin-dependent protein kinase type IV/Gr, D18Bwg0362e, CaMKIV/Gr	calcium/calmodulin-dependent protein kinase II gamma
Camk4	NM_009793.3	A430110E23RIK, CaMKIV, Ca2+/calmodulin-dependent protein kinase type IV/Gr, D18Bwg0362e, CaMKIV/Gr	calcium/calmodulin-dependent protein kinase IV
Car2	NM_009801.4	Lvtw-5, Car-2, CA II, Ltw-5, CALL	carbonic anhydrase 2
Casp1	NM_009807.2	interleukin 1 beta-converting enzyme, ICE, I1bc, Caspase-1	caspase 1
Casp3	NM_009810.2	CPP32, Caspase-3, mdy, Apopain, Yama, AC-3, CC3, A830040C14RIK	caspase 3
Casp6	NM_009811.3	Mch2, mCASP-6	caspase 6
Casp7	NM_007611.2	ICE-IAP3, caspase-7, Mch3, CMH-1	caspase 7
Casp8	NM_009812.2	FLICE, MACH, Caspase-8, Mch5	caspase 8
Casp9	NM_015733.4	ICE-LAP6, Caspase-9, Mch6	caspase 9
Cast	NM_009817.1		calpastatin
Cck	NM_031161.2		cholecystokinin
Ccl12	NM_011331.2	MCP-5, Scya12	chemokine (C-C motif) ligand 12
Ccl5	NM_013653.1	Scya5, RANTES, TCP228, MuRantes, SISd	chemokine (C-C motif) ligand 5
Ccnd1	NM_007631.1	Cyt-1, bcl-1, PRAD1, cd1, CycD1	cyclin D1
Ccnh	NM_023243.2	6330408H09RIK	cyclin H
Ccr2	NM_009915.2	CCR2B, CCR2A, Cmkbr2, CCR2A, CCR2, CCR2B, CC-CR-2	chemokine (C-C motif) receptor 2
Ccr5	NM_009917.5	Cmkbr5, CD195	chemokine (C-C motif) receptor 5
Ccs	XM_006531645.1	Ccsd, CCS	copper chaperone for superoxide dismutase
Cd14	NM_009841.3		CD14 antigen
Cd33	NM_001111058.1	gp67, Siglec-3	CD33 antigen
Cd34	NM_001111059.1		CD34 antigen
Cd4	NM_013488.2	L3T4, Ly-4	CD4 antigen
Cd40	NM_011611.2	p50, Bp50, Tnfrsf5, Cd40	CD40 antigen
Cd44	NM_009851.2	Pgp-1, HERMES, Ly-24	CD44 antigen
Cd68	NM_009853.1	macrosialin, Scard1, Lamp4, gp110	CD68 antigen
Cd8a	NM_001081110.2	Lyt-2, Ly-35, Ly-2, Ly-B	CD8 antigen, alpha chain
Cd9	NM_007657.3	Tspan29	CD9 antigen
Cdc27	NM_145436.2	APC3	cell division cycle 27
Cdc40	NM_027879.2	EHB3, 1200003H23RIK, PRP17	cell division cycle 40
Cdk2	NM_016756.4	A630093N05RIK	cyclin-dependent kinase 2
Cdk5	NM_007668.3	Crk6	cyclin-dependent kinase 5
Cdk5r1	NM_009871.2	D11Bwg0379e, p35, p25	cyclin-dependent kinase 5, regulatory subunit 1 (p35)
Cdk5rap3	NM_030248.1	MST016, 1810007E24RIK, IC53, OK/SW-cl.114, HSF-27, C53	CDK5 regulatory subunit associated protein 3
Cdk7	NM_009874.3	CRK4 PK (CDC2-related-kinase-4 protein kinase), Crk4, Cdkn7 CDKI, SD1, p21Cip1, CIP1, p21<WAF1/CIP1>, CAP20, Cdkn1, Waf1, mda6, P21, p21WAF	cyclin-dependent kinase 7
Cdkn1a	NM_007669.4		cyclin-dependent kinase inhibitor 1A (P21)
Cds1	NM_173370.3	4833409J18RIK, phosphatidate cytidyltransferase	CDP-diacylglycerol synthase 1A
Cers1	NM_138647.3	Lass1, to, CerS1, Uog-1	ceramide synthase 1
Cers2	NM_029789.1	CerS2, Lass2, Trh3, 0610013I17RIK	ceramide synthase 2
Cers4	NM_026058.4	Trh1, CerS4, 2900019C14RIK, Lass4	ceramide synthase 4
Cers6	NM_172856.3	4732462CD07RIK, CerS6, Lass6, similar to TRH1, TL	ceramide synthase 6
Chat	NM_009891.2	B230380D24RIK	choline acetyltransferase
Chd4	NM_145979.2	Mi-2beta, 9530019N15RIK, D6Ert4380e	chromodomain helicase DNA binding protein 4
Chl1	NM_007697.2	LICAM2, CALL, A530023M13RIK, close homolog of L1	cell adhesion molecule L1-like
Chmp2b	NM_026879.2	1190006E07RIK, chromatin modifying protein 2B	charged multivesicular body protein 2B
Chrm5	NM_205783.2	muscarinic acetylcholine receptor 5, MSR	cholinergic receptor, muscarinic 5
Chra7	NM_007390.3	alpha7, alpha7 nicotinic receptor, Acra7, alpha7-nAChR	cholinergic receptor, nicotinic, alpha polypeptide 7
Chrb2	NM_009602.4	[b]2-nAChR, Acrb-2, Acrb2, C030030P04RIK	cholinergic receptor, nicotinic, beta polypeptide 2 (neuronal)
Cldn15	NM_021719.4	2210009B08RIK	claudin 15
Cldn5	NM_013805.4	Tmvcf	claudin 5
Cln3	NM_001146311.1	battenin	ceroid lipofuscinosis, neuronal 3, juvenile (Batten, Spielmeier-Vogt disease)
Cln8	NM_012000.3		ceroid-lipofuscinosis, neuronal 8
Clu	NM_013492.2	D14UclA3, Sugg-2, complement lysis inhibitor, SP-40, testosterone repressed prostate message-2, Apolipoprotein J, Apol, Sgp2, Sgp-2, Cli	clusterin
Cnksr2	NM_177751.2	Ksr2, Cnk2	connector enhancer of kinase suppressor of Ras 2
Cnr1	NM_007726.3	CB1R, CB1	cannabinoid receptor 1 (brain)
Cntf	NM_170786.2		ciliary neurotrophic factor
Cntn1	NM_001159647.1	CNTN, F3cam, usf	contactin 1
Cntn4	NM_001109751.1	Axcam, BIG-2A	contactin 4
Cntnap1	NM_016782.2	p190, shm, paranodin, Caspr, Nrnx4, NCP1	contactin associated protein-like 1
Cntnap2	NM_001004357.2	Caspr2, 5430042M22RIK	contactin associated protein-like 2
Col4a1	NM_009931.2	Del(8)44H, alpha1(IV) collagen, Col4a-1, Del(8)Bru44H, Raw, Svc, Bru	collagen, type IV, alpha 1
Col4a2	NM_009932.3	Col4a-2	collagen, type IV, alpha 2
Comt	NM_007744.3	Comt1, D16Wsu103e, D330014B15RIK	catechol-O-methyltransferase
Cp	NM_001042611.1	D3Ert4555e	ceruloplasmin
Cplx1	NM_007756.3	921-S	complexin 1
Cpt1b	NM_009948.2	Cpt1, M-CPT1, M-CPT 1	carnitine palmitoyltransferase 1b, muscle
Creb1	NM_001037726.1	2310001E10RIK, Creb-1, Creb, 3526402H21RIK	cAMP responsive element binding protein 1
Crebbp	NM_001025432.1	CBP, KAT3A	CREB binding protein
Crh	NM_205769.1	LOC383938, corticotropin-releasing factor, CRF, corticotropin releasing factor	corticotropin releasing hormone
Crtc2	NM_028881.2	4632407F12RIK	CREB regulated transcription coactivator 2
Csf1	NM_001113530.1	colony-stimulating factor-1, CSF-1, M-CSF, Csfm	colony stimulating factor 1 (macrophage)
Csf1r	NM_001037859.1	CD115, Fms, Csfmr, Fim-2, M-CSFR, CSF-1R	colony stimulating factor 1 receptor
Csf2rb	NM_007780.4	Csf2rb1, CDw131, IISrb, AIC2B, Bc, beta c, Ii3r, common beta chain, Ii3rb1	colony stimulating factor 2 receptor, beta, low-affinity (granulocyte-macrophage)
Cspg4	NM_139001.2	NG2, AN2, 4732461B14RIK	chondroitin sulfate proteoglycan 4
Cttnb1	NM_007614.2	beta-catenin, beta catenin, Catnb	catenin (cadherin associated protein), beta 1
Ctns	NM_031251.4		cystinosis, nephropathic
Ctse	NM_007799.3	A430072O03RIK, C920004C08RIK, CatE, CE	cathepsin E
Cul1	NM_012042.3		culin 1
Cul2	NM_029402.3	1300003D18RIK, 4932411N15RIK	culin 2
Cul3	NM_016716.4		culin 3
Cx3cl1	NM_009142.3	neurotactin, CX3C, D8Bwg0439e, fractalkine, Scyd1	chemokine (C-X3-C motif) ligand 1
Cx3cr1	NM_009987.3		chemokine (C-X3-C motif) receptor 1
Cxcl10	NM_021274.1	glIP-10, Ifi10, C7, IP10, INP10, mob-1, CRG-2, IP-10, Scyb10	chemokine (C-X-C motif) ligand 10
Cxcl11	NM_019494.1	SCYB9B, IP9, I-TAC, Scyb11, b-R1, betaR1, H174, ITAC	chemokine (C-X-C motif) ligand 11
Cxcl12	NM_021704.3	TPAR1, Sdf1b, TLF5-a, Sdf1a, PBSF, SDF-1, PBSF/SDF-1, TLF5-b, Scyb12, Sdf1	chemokine (C-X-C motif) ligand 12
Cxcl16	NM_023158.6	SR-PSOX/CXCL16, SR-PSOX, 0910001K24RIK, Scavenger Receptor	chemokine (C-X-C motif) ligand 16
Cxcr4	NM_009911.3	Sdf1r, b2b22C10, PB-CR, fusin, CD184, Cmkar4	chemokine (C-X-C motif) receptor 4
Cxxc1	NM_028868.3	Cgpb, 241000216RIK, 5830420C16RIK, PHF18, Cfp1	CXXC finger 1 (PHD domain)
Cybb	NM_007807.2	Cgd, gp91-phoxo, gp91phox, Nox2	cytochrome b-245, beta polypeptide 2
Cycs	NM_007808.4		cytochrome c, somatic
Cyp4x1	NM_001003947.1	Cyp4a28-ps	cytochrome P450, family 4, subfamily x, polypeptide 1
Dagla	NM_198114.2	Nsddr	diacylglycerol lipase, alpha
Dbh	NM_138942.3		dopamine beta hydroxylase
Dcx	NM_010025.2	lissencephaly, X-linked (doublecortin), Dbct	doublecortin
Ddc	NM_016672.4	Aadc, aromatic L-amino acid decarboxylase	dopa decarboxylase
Ddit3	NM_007837.3	chop, CHOP-10, C/EBP homologous protein 10, CHOP10, gadd153	DNA-damage inducible transcript 3
Ddx23	NM_001080981.1	4921506D17RIK, 3110082M05RIK	DEAD (Asp-Glu-Ala-Asp) box polypeptide 23
Des	NM_010043.1		desmin
Dgkb	NM_178681.4	DGK-beta, C630029D13RIK	diacylglycerol kinase, beta
Dgke	NM_019505.3	DAGK6	diacylglycerol kinase, epsilon

Dlat	NM_145614.4	PDC-E2, 633240G05Rik	dihydropyruvate 5-acetyltransferase (E2 component of pyruvate dehydrogenase complex)
Dld	NM_007861.4	dihydropyruvate dehydrogenase, branched chain alpha-keto acid dehydrogenase complex subunit E3	dihydropyruvate dehydrogenase
Dlg3	NM_00117778.1	DLG3, SAP102, DlgH3	discs, large homolog 3 (Drosophila)
Dlg4	NM_001109752.1	SAP90, DlgH4, PSD95, SAP90A, PSD-95	discs, large homolog 4 (Drosophila)
Dlgap1	NM_027712.3	GKAP/SAPAP, D178wg0511e, Gkap, SAPAP1, Sapap1, DAP-1 beta, 4933422O14Rik	discs, large (Drosophila) homolog-associated protein 1
Dll4	NM_019454.2	Delta4	delta-like 4 (Drosophila)
Dlx1	NM_010053.1	Dlx, Dlx B, Dlx-1	distal-less homeobox 1
Dlx2	NM_010054.2	Dlx-2, Tes-1, Dlx A	distal-less homeobox 2
Dnah1	NM_001033668.1	Dnahc1, B230373P09Rik, E030034C22Rik, MDHC7	dynein, axonemal, heavy chain 1
Dnaja2	NM_019794.4	DNJ3, I500017M13Rik, mDj3, PR03015, HIRIP4, 2010206B19Rik	DnaI heat shock protein family (Hsp40) member A2
Dnm1	NM_001025947.1	6330417M19Rik, Dnm1p1, python, Drp1	dynamin 1-like
Dnm2	NM_001039520.1	b2b2159Clo, Dyn2	dynamin 2
Dot1	NM_199322.1	KMT4, mDot1	DOT1-like, histone H3 methyltransferase (S. cerevisiae)
Drd1	NM_010076.3	Drd1a, C030036C15Rik, Drd-1, Gpcr15, D1 receptor	dopamine receptor D1
Drd2	NM_010077.2	D2R, D2 receptor, Drd-2	dopamine receptor D2
Drd4	NM_007878.2	D4R, Drd-4	dopamine receptor D4
EfnA1	NM_010107.4	B61, LERK-1, Eplg1, Lerk1, Epl1, EFL-1	ephrin A1
EfnA5	NM_207654.2	Ephrin-A5, RAGS, Epl7, LERK-7, EFL-5, AL-1	ephrin A5
EfnB3	NM_007911.5	Eik-L3, EFL-6, ELF-3, LERK-8, Epl8, NLERK-2	ephrin B3
Efr3a	NM_133766.3	D030063F01Rik, C920006C10Rik, A130089M23Rik	EFR3 homolog A
Egf	NM_010113.3		epidermal growth factor
Egff7	NM_001164564.1	Zneu1, vascular endothelial-statin, VE-statin	EGF-like domain 7
Egfr	NM_207655.2	avian erythroblastic leukemia viral (v-erb-b) oncogene homolog, 9030024I15Rik, Erbb, Wa5, Erbb1	epidermal growth factor receptor
Egr1	NM_007913.5	NGF1-A, Zif268, Zenk, Krox24, ETR103, Krox-1, Egr-1, Krox-24, Zfp-6, A530045N19Rik, NGF1-A, TIS8, NGF1A	early growth response 1
Egr2	NM_010118.2	Zfp-25, NGF1-B, Egr-2, Krox20, Krox-20	early growth response 2
Ehmt1	NM_001012518.2	9230102N17Rik, KMT1D	euchromatic histone methyltransferase 1
Eif2s1	NM_026114.3	Eif2a, 0910001O23Rik, 2410026C18Rik, eIF2alpha	eukaryotic translation initiation factor 2, subunit 1 alpha
Emcn	NM_001163522.1	0610012K22Rik	endomucin
Emp2	NM_007929.2	Xmp	epithelial membrane protein 2
Eng	NM_001146350.1	CD105, Endo	endoglin
Entpd2	NM_009849.2	NTPDase2, Cd39f1	ectonucleoside triphosphate diphosphohydrolase 2
Entpd4	NM_026174.2	A430102M06Rik, 1200014F22Rik, Lysal1	ectonucleoside triphosphate diphosphohydrolase 4
Ep300	NM_177821.6	KAT3B, p300	E1A binding protein p300
Epha2	NM_010139.2	Sek-2, Myk2, Sek2, Eck	Eph receptor A2
Epha3	NM_010140.3	Mek4, End3, Cek4, Hek4, Hek, Tyro4	Eph receptor A3
Epha4	NM_007936.3	Tyro1, Hek8, Cek8, rb, Sek, Sek1, 2900005C20Rik	Eph receptor A4
Epha5	NM_007937.3	Cek7, Ekh1, Hek7, Rek7, bsk, Els1	Eph receptor A5
Epha6	NM_007938.2	Hek12, Ekh2, m-ehk2	Eph receptor A6
Epha7	NM_001122889.1	Hek11, Mdk1, Ekb, MDK1, Ekh3, Cek11	Eph receptor A7
Epo	NM_007942.2		erythropoietin
Erbb3	NM_010153.1	ErbB-3, HER3, Erbb3r	erb-b2 receptor tyrosine kinase 3
Erg	NM_133659.2	D030036I24Rik	avian erythroblastosis virus E-26 (v-ets) oncogene related
Erlc1	NM_025745.3	4933407N01Rik	endoplasmic reticulum lectin 1
Esam	NM_027102.3	2310008D05Rik, W117m	endothelial cell-specific adhesion molecule
F2	NM_010168.2	Cf-2, thrombin, prothrombin, Fil, CF2	coagulation factor II
Fa2h	NM_178086.3	G630055L08Rik, Faxdc1	fatty acid 2-hydroxylase
Fam126a	XM_006535824.2		family with sequence similarity 126, member A
Fas	NM_007987.2	Tnfrsf6, APO-1, TNFR6, CD95	Fas (TNF receptor superfamily member 6)
Fasl	NM_010177.3	APT1G1, Fas-L, CD95L, Tnfsf6, Fasl, CD178	Fas ligand (TNF superfamily, member 6)
Fcrls	NM_030707.3	Msr2, IFGP2, 2810439C17Rik, moFcRH2sc, Fchr2	Fc receptor-like 5, scavenger receptor
Fgf12	NM_001276419.1	Fhf1	fibroblast growth factor 12
Fgf14	NM_207667.3	Fhf4	fibroblast growth factor 14
Fgf2	NM_008006.2	Fgf-2, FgfB, bFGF	fibroblast growth factor 2
Fit1	NM_010228.3	VEGFR1, vascular endothelial growth factor receptor-1, Fit-1, sFlt1, VEGFR-1	FMS-like tyrosine kinase 1
Fit4	NM_008029.3	VEGFR3, VEGFR-3, Fit-4	FMS-like tyrosine kinase 4
Fmr1	NM_008031.2	Fmr-1, FMRP	fragile X mental retardation syndrome 1
Fn1	NM_010233.1	Fn, Fn-1	fibronectin 1
Fos	NM_010234.2	cFos, c-fos, D12Rfj1	FBJ osteosarcoma oncogene
Frmpp4	NM_001033330.2	Preso1, Pdzd10, LOC237234, Pdzk10, Preso, PKAP1	FERM and PDZ domain containing 4
Fus	NM_139149.2	hnRNP P2	fused in sarcoma
Fxn	NM_008044.2	Frda	frataxin
Fyn	NM_008054.2	Src kinase p59	Fyn proto-oncogene
Gaa	NM_008064.3	E430018M07Rik	glucosidase, alpha, acid
Gabra1	NM_010250.4	Gabra-1, GABAA alpha 1, GABAA alpha1	gamma-aminobutyric acid (GABA) A receptor, subunit alpha 1
Gabra4	NM_010251.2	Gabra-4	gamma-aminobutyric acid (GABA) A receptor, subunit alpha 4
Gabbr2	NM_008070.3	C030021G16Rik, C030002O17Rik, Gabrb-2	gamma-aminobutyric acid (GABA) A receptor, subunit beta 2
Gabbr3	NM_008071.3	A230092K12Rik, beta3, Gabrb-3	gamma-aminobutyric acid (GABA) A receptor, subunit beta 3
Gabbr2	NM_177408.5	GABAA-R, Gabrg-2, gamma2	gamma-aminobutyric acid (GABA) A receptor, subunit gamma 2
Gabbrp	NM_146017.3		gamma-aminobutyric acid (GABA) A receptor, pi
Gabbr1	NM_008075.2	GABA-C	gamma-aminobutyric acid (GABA) C receptor, subunit rho 1
Gabbr3	NM_001081190.1		gamma-aminobutyric acid (GABA) A receptor, rho 3
Gad1	NM_008077.4	GAD25, GAD67, Gad-1, Z49976, GAD44, EP10	glutamate decarboxylase 1
Gad2	NM_008078.2	6330404F12Rik, GAD65, Gad-2, GAD(65)	glutamic acid decarboxylase 2
Gal3st1	NM_001177691.1	Cst, Gcst, 3'-phosphoadenylylsulfate-galactosylceramide 3'-sulfotransferase, galactosylceramide sulfotransferase, GalCer sulfotransferase	galactose-3-O-sulfotransferase 1
Galc	NM_008079.3	2310068B06Rik, A930008M05Rik, galactocerebrosidase, Gacy	galactosylceramidase
Gata2	NM_008090.4	Gata-2	GATA binding protein 2
Gba	NM_001077411.1	GC, glucocerebrosidase, GBA1, betaGC, GCase	glucosidase, beta, acid
Gdnf	NM_010275.2	glial cell line-derived neurotrophic factor	glial cell line derived neurotrophic factor
Gdpc2	NM_023608.3	GDE3, 9130017L10Rik	glycerophosphodiester phosphodiesterase domain containing 2
Gfap	NM_001131020.1		glial fibrillary acidic protein
Gfpt1	NM_013528.3	2810423A18Rik, GFAT1, GFAT, GFA	glutamine fructose-6-phosphate transaminase 1
Gga1	NM_145929.2	4930406E12Rik	golgi associated, gamma adaptin ear containing, ARF binding protein 1
Ggt1	NM_008116.2	GGT, Ggtp, CD224, dwg	gamma-glutamyltransferase 1
Gjlb1	NM_008124.2	Cx32, connexin 32, connexin-32, Gjb-1	gap junction protein, beta 1
Glr3	NM_010298.5		glycine receptor, beta subunit
Gls	NM_001113383.1	B230365M23Rik	glutaminase
Gnai1	NM_010305.1	Gialpha1	guanine nucleotide binding protein (G protein), alpha inhibiting 1
Gnai2	NM_008138.4	Gnai-2, Galphal2, Gia	guanine nucleotide binding protein (G protein), alpha inhibiting 2
Gnai3	NM_010306.2	Galphal3	guanine nucleotide binding protein (G protein), alpha inhibiting 3
Gnao1	NM_010308.3	Go alpha, Galphao, alphaO	guanine nucleotide binding protein, alpha O
Gnaq	NM_008139.5	Dsk1, Galphaq, G alpha q, Gq, Gq, 1110005L02Rik, 6230401I02Rik, Dsk10	guanine nucleotide binding protein, alpha q polypeptide
Gnb5	NM_138719.5	Gbeta5, G beta 5	guanine nucleotide binding protein (G protein), beta 5
Gng2	NM_010315.4	1110003P13Rik	guanine nucleotide binding protein (G protein), gamma 2
Gngt1	NM_010314.2	Gng1, G(y)1	guanine nucleotide binding protein (G protein), gamma transducing activity polypeptide 1
Gnptab	NM_001004164.2	EG432486	N-acetylglucosamine-1-phosphate transferase, alpha and beta subunits
Gnptg	NM_172529.3		N-acetylglucosamine-1-phosphotransferase, gamma subunit
Gpd1l	NM_175380.5	D9Ert660e, 2210409H23Rik	glycerol-3-phosphate dehydrogenase 1-like
Gpr37	NM_010338.2	Pael-R, parkin-associated endothelin B-like receptor	G protein-coupled receptor 37

sub-maximal transcript coverage due to non-overlapping transcripts

Gpr4	NM_175668.4		G protein-coupled receptor 4
Gpr84	NM_030720.1	EX33	G protein-coupled receptor 84
Gprasp1	NM_001004359.2	GASP1, 2210415K24Rik, 3110031014Rik	G protein-coupled receptor associated sorting protein 1
Gria1	NM_001252403.1	HIPAA1, Glr1, Glr-1, Glur-1, GluRA, 2900051M01Rik, GluR1, GluR-A, Glur1, GluA1	glutamate receptor, ionotropic, AMPA1 (alpha 1)
Gria2	NM_001039195.1	Glur2, Glur2, GluR-B, GluA2, Glur-2	glutamate receptor, ionotropic, AMPA2 (alpha 2)
Gria3	NM_016886.3	Glur3, 290006419Rik, Glur3, Glur-3, Gluralpha3	glutamate receptor, ionotropic, AMPA3 (alpha 3)
Gria4	NM_001113180.1	spkw1, Gluralpha4, Glur4, Glur-4	glutamate receptor, ionotropic, AMPA4 (alpha 4)
Grik2	NM_010349.2	Glurbeta2, Glur6, Glur-6	glutamate receptor, ionotropic, kainate 2 (beta 2)
Grin1	NM_008169.2	NR1, M100174, Rgscl174, NMDAR1, Nmdar, GluRzeta1	glutamate receptor, ionotropic, NMDA1 (zeta 1)
Grin2a	NM_008170.2	GluRepsion1, GluN2A, NMDAR2A, NR2A	glutamate receptor, ionotropic, NMDA2A (epsilon 1)
Grin2b	NM_008171.3	GluRepsion2, Nmdar2b, NMDAR2B, GluN2B, NR2B	glutamate receptor, ionotropic, NMDA2B (epsilon 2)
Grin2c	NM_010350.2	GluRepsion3, NR2C, NMDAR2C	glutamate receptor, ionotropic, NMDA2C (epsilon 3)
Grin2d	NM_008172.2	GluRepsion4, NR2D, NMDAR2D, GluN2D	glutamate receptor, ionotropic, NMDA2D (epsilon 4)
Grin3b	NM_130455.2	NR3B	glutamate receptor, ionotropic, NMDA3B
Grm1	NM_001114333.2	Grm1, mGluR1, Gprc1a, nmf373, rcw, 4930455H15Rik	glutamate receptor, metabotropic 1
Grm2	NM_001160353.1	Gprc1b, 4930441L02Rik, mGluR2	glutamate receptor, metabotropic 2
Grm5	NM_001143834.1	mGluR5, Gprc1e, 6430542K11Rik, Glu5R	glutamate receptor, metabotropic 5
Grm8	NM_008174.2	mGluR8, Gprc1h	glutamate receptor, metabotropic 8
Grn	NM_008175.3	Pgrn, acrogranulin, epithelin, progranulin, PC cell-derived growth factor	granulin
Gsk3b	NM_019827.3	GSK-3, 7330414F15Rik, 8430431H08Rik, GSK3, GSK-3beta	glycogen synthase kinase 3 beta
Gsn	NM_146120.3		gelsolin
Gsr	NM_010344.4	D8Ert238e, Gr1, Gr-1	glutathione reductase
Gss	NM_008180.1	GS-A/GS-B	glutathione synthetase
Gstp1	NM_013541.1	Gstp1b, Gst p-1	glutathione S-transferase, pi 1
Gtf2a1	NM_175335.3	Tfiiia1, 19kDa, 37kDa, TfiiAa/b, 6330549H03Rik	general transcription factor II A, 1
Gtf2b	NM_145546.1		general transcription factor IIB
Gtf2h1	NM_008186.4	62kDa, p62	general transcription factor II H, polypeptide 1
Gtf2h3	NM_181410.3	BTf2, D5Ert679e, 34kDa, 5033417D07Rik	general transcription factor IIH, polypeptide 3
Gtf2ird1	NM_001081464.1	MusTRD1, c-myc line 166.8, Alb/c-myc line 166.8, Alb-c-myc line 166.8, Tg(Alb1-Myc)166.8Sst, ESTM9, WBSCR11, Cream1, GTF3, binding factor for early enhancer, BEN	general transcription factor II I repeat domain-containing 1
Gucylb3	NM_017469.4	beta 1 sGC	guanylate cyclase 1, soluble, beta 3
Gusb	NM_010368.1	Gut, Gus-s, asd, g, adipose storage deficiency, Gus-r, Gus, Gus-u, Gur, Gus-t	glucuronidase, beta
H2-Ea-ps	NM_010381.2	H-2Ea, I-Ealpha, Ia-3, Ia3	histocompatibility 2, class II antigen E alpha, pseudogene
Hap1	NM_010404.3	HAP-1	huntingtin-associated protein 1
Hc	NM_010406.1	C5a, He, C5	hemolytic complement
Hcn1	NM_010408.3	HAC2, Bcng1, C630013B14Rik	hyperpolarization-activated, cyclic nucleotide-gated K+ 1
Hdac1	NM_008228.2	MommeD5, RPD3, HD1	histone deacetylase 1
Hdac2	NM_008229.2	Yy1bp, D10Wsu179e	histone deacetylase 2
Hdac6	NM_010413.3	mHDA2, Sfc6	histone deacetylase 6
Hdac7	NM_019572.2	5830434K02Rik, Hdac7a	histone deacetylase 7
Hexb	NM_010422.2		hexosaminidase B
Hgf	NM_010427.5	SF/HGF, NK2, NK1, scatter factor, C230052L06Rik, HGF/SF	hepatocyte growth factor
Hif1a	NM_010431.2	HIF1alpha, MOP1, bHLHe78, HIF-1alpha	hypoxia inducible factor 1, alpha subunit
Hmgb1	NM_010439.3	amphoterin, HMG-1, p30, SBP-1, DEF, Hmg1	high mobility group box 1
Hmox1	NM_010442.2	heme oxygenase 1, Hsp32, D8Wsu38e, Hmox, HO1, HO-1	heme oxygenase 1
Hnrnpm	NM_001109913.1	Hnrpm, 2610023M21Rik	heterogeneous nuclear ribonucleoprotein M
Homer1	NM_147176.2	Ves-1, PSD-Zip45	homer scaffolding protein 1
Hpgds	NM_019455.4	H-PGDS, Ptgds2	hematopoietic prostaglandin D synthase
Hras	NM_001130443.1	H-ras, c-H-ras, Harvey-ras, Hras-1, Hras1, ras, Ha-ras, c-rasHa	Harvey rat sarcoma virus oncogene
Hspb1	NM_013560.2	Hsp25	heat shock protein 1
Htr1a	NM_008308.4	Gpcr18, 5-HT1A receptor	5-hydroxytryptamine (serotonin) receptor 1A
Htr5a	NM_008314.2	Htr5	5-hydroxytryptamine (serotonin) receptor 5A
Htra2	NM_019752.3	OMJ, mnd2, Htra2, Prss25	HtrA serine peptidase 2
Htt	NM_010414.1	huntingtin, IT15, Hdh, C43002311Rik, htt, HD	huntingtin
Icam1	NM_010493.2	MALA-2, Icam-1, CD54, Ly-47	intercellular adhesion molecule 1
Icam2	NM_010494.1	Icam-2, CD102	intercellular adhesion molecule 2
Ide	NM_031156.2	I300012G03Rik, 4833415K22Rik	insulin degrading enzyme
Idh1	NM_010497.2	E030024J03Rik, IDPc, Id-1, Idh-1	isocitrate dehydrogenase 1 (NADP+), soluble
Igf1	NM_010512.4	Igf-1, C730016P09Rik, IGF-1	insulin-like growth factor 1
Igf1r	NM_010513.2	IGF-1R, CD221, line 186, hyft, A330103N21Rik	insulin-like growth factor I receptor
Ikkb	NM_010546.2	IKK-2, IKK2, IKK-beta, IKK[b], IKKbeta	inhibitor of kappaB kinase beta
Il10	NM_010548.1	cytokine synthesis inhibitory factor, IL-10	interleukin 10
Il10ra	NM_008348.2	mIL-10R, CDw210, Il10r	interleukin 10 receptor, alpha
Il13ra1	NM_133990.4	CD213a1	interleukin 13 receptor, alpha 1
Il15ra	NM_008358.2		interleukin 15 receptor, alpha chain
Il1b	NM_008361.3	IL-1beta, IL-1B	interleukin 1 beta
Il1r1	NM_001123382.1	IL-1 receptor alpha chain, IL-1R, Il1r-1, IL-1R1, CD121a	interleukin 1 receptor, type I
Il4ra	NM_001008700.3	Il4r, CD124, IL-4 receptor alpha chain	interleukin 4 receptor, alpha
Il6	NM_031168.1	IL-6	interleukin 6
Il6ra	NM_010559.2	IL-6R, Il6r, IL-6 receptor alpha chain, CD126	interleukin 6 receptor, alpha
Ina	NM_146100.4	NF66, NF-66	interneuron neuronal intermediate filament protein, alpha
Inhbb	NM_008381.3	activin beta-B	inhibin beta-B
Inpp4a	NM_172971.2	I07kDa	inositol polyphosphate-4-phosphatase, type I
Inpp5f	NM_178641.5	5830435P03Rik, SAC2, ci-27	inositol polyphosphate-5-phosphatase F
Ins2	NM_008387.3	Ins-2, InsII, Mody4, Mody	insulin II
Insr	NM_010568.2	CD220, IR-B, IR-A, D630014A15Rik, IR, 4932439J01Rik	insulin receptor
Ipcpe1	NM_001033391.2	A130090K04Rik	interaction protein for cytohesin exchange factors 1
Irf8	NM_008320.3	MyIs, icbsp1, IRF-8, ICSPB	interferon regulatory factor 8
Irf2	NM_001161538.1	Linx, B930052A04Rik, mbu-3	immunoglobulin superfamily containing leucine-rich repeat 2
Irga5	NM_001314041.1	Fnra, C449e	integrin alpha 5 (fibronectin receptor alpha4R)
Irga7	NM_008398.2	alpha7, [a]7	integrin alpha 7
Irgal	NM_008400.2	LFA-1, Ly-21, Ly-15, Cd11a	integrin alpha L
Irgal	NM_008401.2	CR3, Mac-1a, Cd11b, complement receptor type 3, Ly-40, complement component receptor 3 alpha, CD11B (p170), Mac-1, F730045J24Rik, Mac-1 alpha, CD11b/CD18	integrin alpha M
Irgax	NM_021334.2	CD11C (p150) alpha polypeptide, Cd11c	integrin alpha X
Itp1	NM_010585.2	Ip3r, P400, opt, Itpr-1, Pcp-1, Pcp1, InsP3R type I, IP3R1, wblo	inositol 1,4,5-trisphosphate receptor 1
Itp2	NM_010586.1	Itpr5, Ip3r2	inositol 1,4,5-trisphosphate receptor 2
Itp3	NM_080553.3	tf, Itpr-3, Ip3r3	inositol 1,4,5-trisphosphate receptor 3
Jam3	NM_023277.4	JAM-C, 1110002N23Rik, Jcam3, JAM-3	junction adhesion molecule 3
Jun	NM_010591.2	Junc, c-jun	jun proto-oncogene
Katna1	NM_011835.2		katanin p60 (ATPase-containing) subunit A1
Kcna1	NM_010595.3	Mk-1, mouse brain potassium channel protein-1, Kv1.1, mceph, Shak, MBK1	potassium voltage-gated channel, shaker-related subfamily, member 1
Kcnb1	NM_008420.3	Shab, Kcr1-1, Kv2.1	potassium voltage gated channel, Shab-related subfamily, member 1
Kcnj10	NM_001039484.1	Kir4.1, Kir1.2, BIRK-1, BIR10, Kir4.1	potassium inwardly-rectifying channel, subfamily J, member 10
Keap1	NM_016679.4	ring canal protein, INrf2	kelch-like ECH-associated protein 1
Kei	NM_032540.3	CD238	Kell blood group
Kif3a	NM_008443.3	kinesin-II subunit, Kif3, Kif1, N-4 kinesin, Kns3	kinesin family member 3A
Klk6	NM_001164696.1	Bssp, Klk29, Prss9, Prss18, neurosin, protease M	kallikrein related-peptidase 6
Kras	NM_021284.5	Kras-2, Kras2, Ki-ras, K-ras	Kirsten rat sarcoma viral oncogene homolog
L1cam	NM_008478.3	L1, CD171, NCAM-L1, L1-NCAM	L1 cell adhesion molecule
Lama2	NM_008481.2	mer, merosin	laminin, alpha 2
Lamb2	NM_008483.3	npht, Lamb-2, Lams	laminin, beta 2
Lamp1	NM_010684.2	Lamp-1, CD107a	lysosomal-associated membrane protein 1
Lclat1	NM_001177967.1	AGPAT8, Lycat, ALCAT1	lysocardiolipin acyltransferase 1
Ldhc	NM_013580.4	Ldhc4, Ldh-3, Ldh3	lactate dehydrogenase C
Lif	NM_008501.2		leukemia inhibitory factor

Lmna	NM_001002011.2	lamin A/C, Dhe	lamin A
Lox	NM_010728.2	TSC-160, ras reversion gene (rrg)	lysyl oxidase
Lpar1	NM_010336.2	Kdt2, Gpcr26, Edg2, vzg-1, LPA1	lysophosphatidic acid receptor 1
Lpo	NM_080420.2	5830499B15Rik	lactoperoxidase
Lrp1	NM_008512.2	CD91, A2mr, b2b1554Clo	low density lipoprotein receptor-related protein 1
Lrrc25	NM_153074.3	Mapa	leucine rich repeat containing 25
Lrrc4	NM_138682.2	NLG-2, Nag14, NLG-2	leucine rich repeat containing 4
Lrrk2	NM_025730.3	9330188B09Rik, 4921513O20Rik, cl-46, LOC381026, D630001M17Rik	leucine-rich repeat kinase 2
Lsm2	NM_001110101.2	Sm-X5, snRNP, D17H6556E-2, Dmpkap, SmX5, G7b, Dmapl, D17H6556E2	LSM2 homolog, U6 small nuclear RNA and mRNA degradation associated
Lsm7	NM_025349.2	1110033F18Rik, 0910001B06Rik	LSM7 homolog, U6 small nuclear RNA and mRNA degradation associated
Lsr	NM_001164184.1	Lisch7, ILDR3	lipopolysaccharide receptor
Ltbr	NM_010736.3	TNFR, LT beta-R, TNF-R-III, LT-beta receptor, Lttr, Tnfbr, TNF receptor-related protein, LTbetaR, Tnfrsf3, TNFR2-RP, TNFRrp	lymphotoxin B receptor
Lypl1	XM_006495472.2	Pla1a	lysophospholipase 1
Mag	NM_010758.2	siglec-4a, Gma	myelin-associated glycoprotein
Magee1	NM_053201.3	DAMAGE, mMage-e1	melanoma antigen, family E, 1
Mai	NM_001171187.1	VIP17	myelin and lymphocyte protein, T cell differentiation protein
Man2b1	NM_010764.2	lysosomal alpha-mannosidase	mannosidase 2, alpha B1
Map2	NM_008632.2	MAP-2, Mtap2, G1-397-34, repro4	microtubule-associated protein 2
Map2k1	NM_008927.3	Mek1, Prkm1, MAP kinase kinase 1	mitogen-activated protein kinase kinase 1
Map2k2	NM_023138.4	Prkm2, MAP kinase/Erk kinase, MEK2	mitogen-activated protein kinase kinase 2
Mapk1	NM_011949.3	9030612K14Rik, MAPK2, p42mapk, Erk2, Prkm1	mitogen-activated protein kinase 1
Mapk10	NM_001081567.1	p493F12, JNK3, Serk2, C230008H04Rik	mitogen-activated protein kinase 10
Mapk3	NM_011952.2	Erk1, p44 MAP kinase, Mtap2k, p44erk1, p44mapk, Esrk1, Erk-1, Prkm3	mitogen-activated protein kinase 3
Mapk8	NM_016700.3	JNK1, Prkm8, c-Jun N-terminal kinase	mitogen-activated protein kinase 8
Mapk9	NM_207692.1	JNK/SAPK alpha, JNK2, Prkm9	mitogen-activated protein kinase 9
Mapkapk2	NM_008551.1	Rps6k1, MAPKAP kinase 2, MK2	MAP kinase-activated protein kinase 2
Mapt	NM_001038609.2	Tau, Mtap	microtubule-associated protein tau
Marco	NM_010766.2	Scara2	macrophage receptor with collagenous structure
Mbp	NM_010777.3	Hmbrp, golli-mbp	myelin basic protein
Meaf6	NM_027310.3	2810036M01Rik, 2310005N01Rik	MYST/Esa1-associated factor 6
Mecp2	NM_010788.2	1500041B07Rik, D630021H01Rik, WBP10, Mbd5	methyl CpG binding protein 2
Mfn2	XM_006535920.1	D630023P19Rik, Fzo, hypertension related protein 1	mitofusin 2
Mgmt	NM_008598.2	Agat, AGT	O-6-methylguanine-DNA methyltransferase
Mmp12	NM_008605.3	Mmel, macrophage elastase, MMP12	matrix metalloproteinase 12
Mmp14	NM_008608.3	MT1-MMP, sabe, Membrane type 1-MMP	matrix metalloproteinase 14 (membrane-inserted)
Mmp16	NM_019724.3	Membrane type 3-MMP, MT3-MMP	matrix metalloproteinase 16
Mmp19	NM_021412.2		matrix metalloproteinase 19
Mmp2	NM_008610.2	Clg4a, 72kDa type IV collagenase, GelA, MMP-2, gelatinase A, 72kDa gelatinase	matrix metalloproteinase 2
Mmp24	NM_010808.3	Membrane type 5-MMP, MT5-MMP	matrix metalloproteinase 24
Mmp9	NM_013599.2	B/MMP9, MMP-9, Gel B, gelatinase B, Clg4b, Gelatinase B	matrix metalloproteinase 9
Mmrn2	NM_153127.3	ENDOGLYX1, Emilin3, EndoGlyx-1	multimerin 2
Mnat1	NM_008612.2	MAT1, E130115E11Rik	menage a trois 1
Mog	NM_010814.2	B230317G11Rik	myelin oligodendrocyte glycoprotein
Mpz	NM_008623.4	Mpp, P0	myelin protein zero
Msn	NM_010833.2		moesin
Mta1	NM_054081.2		metastasis associated 1
Mta2	NM_011842.3	Mta11, mmta2	metastasis-associated gene family, member 2
Mthfr	NR_027809.1		5,10-methylenetetrahydrofolate reductase
Mtor	NM_020009.2	RAPT1, RAFT1, Frap1, 2610315D21Rik, flat, FKBP-rapamycin-associated protein FRAP	mechanistic target of rapamycin (serine/threonine kinase)
Mutyh	NM_001159581.1	Mutyhalpha, Mutya, Mutyhb, Myh, Mutyhc, 5730495A01Rik, Mutyhbeta	mutY homolog (E. coli)
Myc	NM_010849.4	Myc2, Nird, c-myc, bHLHe39, Niard	myelocytomatosis oncogene
Myc11	NM_026793.2	MT-MC1, Mtmcl1, 1110020B04Rik	myc target 1
Myd88	NM_010851.2		myeloid differentiation primary response gene 88
Myh10	NM_175260.2	Myhn2, 5730504C04Rik, Ftn, Ftn, myosin IIB, nonmuscle myosin heavy chain IIB, NMHC II-B, Myhn-2, 9330167F11Rik, Myosin IIB, nonmuscle myosin heavy chain II-B, NMHC-B, SMemb	myosin, heavy polypeptide 10, non-muscle
Myrf	NM_001033481.1	Gm98, LOC386531, LOC225908	myelin regulatory factor
Naglu	NM_013792.2		alpha-N-acetylglucosaminidase (Sanfilippo disease IIIb)
Napsa	NM_008437.1	NAP1, pronapsin, napsin, Kdap	napsin A aspartic peptidase
Ncam1	NM_001113204.1	E-NCAM, NCAM-1, NCAM, NCAM-120, NCAM-140, NCAM-180, CD56	neural cell adhesion molecule 1
Ncf1	NM_001286037.1	p47-phoxo, p47phox, NOXO2, NADPH oxidase subunit (47kDa), Ncf-1	neutrophil cytosolic factor 1
Ncl	NM_010880.3	B530004O11Rik, C23	nucleolin
Nefh	NM_010904.3	NEFH, NF-H, NF200	neurofilament, heavy polypeptide
Nefl	NM_010910.1	Nfl, CMT2E, NF68, NF-L	neurofilament, light polypeptide
Negr1	NM_001039094.2	Ntra, 5330422G01Rik	neuronal growth regulator 1
Neifa	NM_011914.2	Whsc2, Nelf-A, Whsc2h	negative elongation factor complex member A, Whsc2
Nell2	NM_016743.2	A330108N19Rik, mel91	NEL-like 2
Neo1	NM_001042752.1	D930014N22Rik, 2610028H22Rik, lgdc2	neogenin
Nes	NM_016701.3	ESTM46	nestin
Nf1	NM_010897.2	Dsk9, neurofibromin, Mhdadsk9, NF-1	neurofibromatosis 1
Nfe2l2	NR_132727.1	Nrf2	nuclear factor, erythroid derived 2, like 2
Nfkbia	NM_010907.2	Nfkb1, ((Kappa)B(alpha), IkappaBalpha, I-kappaBalpha	nuclear factor of kappa light polypeptide gene enhancer in B cells inhibitor, alpha
Nfkbib	NM_010908.4	IkB, IKappaBbeta	nuclear factor of kappa light polypeptide gene enhancer in B cells inhibitor, beta
Ngf	NM_001112698.1	Ngfb	nerve growth factor
Ngfr	NM_033217.3	LNNGFR, p75NGFR, p75, Tnfrsf16, p75NTR, p75 neurotrophin receptor	nerve growth factor receptor (TNFR superfamily, member 16)
Nin2	NM_016718.2		ninjurin 2
Nkx6-2	NM_183248.3	Gtx, Nkx6.2	NK6 homeobox 2
Nlrp3	NM_145827.3	cryopyrin, Pypaf1, Mmig1, Clas1, NALP3	NLR family, pyrin domain containing 3
Nmb	NM_026523.2	3110023K12Rik	neuromedin B
Nme5	NM_080637.3	non-metastatic cells 5, protein expressed in (nucleoside-diphosphate kinase), Nm23-M5, 1700019D05Rik	NME/NM23 family member 5
Nmnat2	NM_175460.3	D030041I09Rik, PNAT1	nicotinamide nucleotide adenyllyltransferase 2
Nol3	NM_030152.4	ARC, B430311C09Rik, Nop30	nucleolar protein 3 (apoptosis repressor with CARD domain)
Nos1	NM_008712.2	Nos-1, NO, nNOS, bNOS, 2310005C01Rik	nitric oxide synthase 1, neuronal
Nos2	NM_010927.3	NOS-II, iNOS, Nos-2, Nos2a	nitric oxide synthase 2, inducible
Nos3	NM_008713.4	2310065A03Rik, eNOS, Nos-3, ecNOS	nitric oxide synthase 3, endothelial cell
Nostrin	NM_181547.3	mDalP2	nitric oxide synthase trafficker
Notch1	NM_008714.2	Mis6, lin-12, 9930111A19Rik, Tan1, Motch A, N1	notch 1
Notch3	NM_008716.2	N3, hpbk	notch 3
Notch4	NM_010929.2	Int3, Int-3, N4	notch 4
Nova1	NM_021361.1	9430099M15Rik, Nova-1	neuro-oncological ventral antigen 1
Npas4	NM_153553.4	LE-PAS, Nxf, Npas4	neuronal PAS domain protein 4
Npc1	NM_008720.2	C85354, lcsd, nmf164, D18Ert0139e, D18Ert0723e, A430089E03Rik	Niemann-Pick type C1
Npc2	NM_023409.4	HE1, 2700012I19Rik	Niemann-Pick type C2
Nptn	NM_009145.2	Sdfr1	neuroplastin
Npy	NM_023456.2	0710005A05Rik	neuropeptide Y
Nqo1	NM_008706.5	Nmor1, NMO1, Dia4, Ox1, NQO1, QR1, Ox-1, NAD(P)H dehydrogenase (quinone)	NAD(P)H dehydrogenase, quinone 1
Nr4a2	NM_001139509.1	Nurr1, HZF-3, RNR-1	nuclear receptor subfamily 4, group A, member 2
Nrg1	NM_178591.2	Hgl, GGFII, NDF, 6030402G23Rik, HRG, HGL, SMDGF, GGF, ARIA, heregulin, HRGalpha, D230005F13Rik	neuregulin 1
Nrxn1	NM_001346960.1	A230068P09Rik, neurexin I beta, neurexin I alpha, neurexin I alpha, 1700062G21Rik, neurexin I alpha, 9330127H16Rik, alpha-latrotoxin receptor (calcium-dependent), neurexin I beta, neurexin I alpha	neurexin I

Nsf	NM_008740.2	SKD2, N-ethylmaleimide sensitive factor	N-ethylmaleimide sensitive fusion protein
Ntf3	NM_008742.2	NT3, Ntf-3, NT-3	neurotrophin 3
Ntng1	NM_001163351.1	A930010C08Rik, Lmnt1	netrin G1
Ntrk1	NM_001033124.1	Tkr, TrkA	neurotrophic tyrosine kinase, receptor, type 1
Nts	NM_024435.2	5033428E16Rik, NT/N, neuromedin N, NTS1, NMN-125	neurotensin
Nwd1	NM_176940.5	A230063L24Rik	NACTH and WD repeat domain containing 1
Olfm3	NM_153157.3	optimedlin, B230206G02Rik	olfactomedin 3
Olig2	NM_016967.2	Olg-2, bHLHe19, Bhlhb1, RK17	oligodendrocyte transcription factor 2
Opa1	NM_001199177.1	Ilir3, 1200011N24Rik	optic atrophy 1
Optrn	NM_181848.4	TFIIIA-INTP, 4930441007Rik	optineurin
Osmr	NM_011019.3	OSMRB	oncostatin M receptor
Oxr1	NM_001130163.1	2210416C20Rik, C7B, C7	oxidation resistance 1
P2rx4	NM_011026.2	DSertd444e, P2X4	purinergic receptor P2X, ligand-gated ion channel 4
P2rx7	NM_001038839.2	P2X7R, P2X7 receptor, P2X(7)	purinergic receptor P2X, ligand-gated ion channel, 7
P2ry12	NM_027571.3	4921504D23Rik, 2900079B22Rik, P2Y12	purinergic receptor P2Y, G-protein coupled 12
Pah	NM_008777.3		phenylalanine hydroxylase
Pak1	NM_011035.2	PAK-1, Paka	p21 protein (Cdc42/Rac)-activated kinase 1
Palm	NM_023128.4		paralemmin
Park2	NM_016694.3	PRKN	Parkinson disease (autosomal recessive, juvenile) 2, parkin
Park7	NM_020569.3	DJ-1	Parkinson disease (autosomal recessive, early onset) 7
Parp1	NM_007415.2	5830444G22Rik, PARP, Adprp, parp-1, sPARP-1, Adprt1	poly (ADP-ribose) polymerase family, member 1
Pcna	NM_011045.2		proliferating cell nuclear antigen
Pcsk2	NM_008792.3	Nec2, PC2, prohormone convertase 2, Nec-2, SPC2, 6330411F23Rik, Phpp-2	proprotein convertase subtilisin/kexin type 2
Pde1b	NM_008800.1		phosphodiesterase 1B, Ca ²⁺ -calmodulin dependent
Pde4d	NM_011056.3	9630011N22Rik, dunce, Dpde3	phosphodiesterase 4D, cAMP specific
Pdgfrb	NM_008809.1	CD140b, Pdgfr	platelet derived growth factor receptor, beta polypeptide
Pdpk1	NM_001080773.2	Pdk1, Pkb kinase	3-phosphoinositide dependent protein kinase 1
Pecam1	NM_008816.2	PECAM-1, Cd31	platelet/endothelial cell adhesion molecule 1
Pfn1	NM_011072.4	Pfn, actin binding protein	profilin 1
Pgam1	NM_023418.2	2310050F24Rik, Pgam-1	phosphoglycerate mutase 1
Pgk1	NM_008828.2	Pgk-1	phosphoglycerate kinase 1
Phf19	NM_028716.4	3110009G19Rik, 3321402G02Rik	PHD finger protein 19
Phf2	NM_011078.2		PHD finger protein 2
Phf21a	NM_001109690.1	Braf35/HDAC complex (Bhc), D030065N23Rik, Bhc80, PFTF1, 80kDa	PHD finger protein 21A
Pik3ca	NM_008839.1	6330412C24Rik, caPI3K, p110alpha	phosphatidylinositol 3-kinase, catalytic, alpha polypeptide
Pik3cb	NM_029094.3	1110001J02Rik, p110beta	phosphatidylinositol 3-kinase, catalytic, beta polypeptide
Pik3r1	NM_001024955.1	p50alpha, p55alpha, p85alpha, PI3K	phosphatidylinositol 3-kinase, regulatory subunit, polypeptide 1 (p85 alpha)
Pink1	NM_026880.2	brpkl, 1190006F07Rik	PTEN induced putative kinase 1
Pkn1	NM_001199593.1	Pkn, PAK1, PRK1, Prkcl1, F730027O18Rik, Stk3	protein kinase N1
Pla2g16	NM_139269.2	Hrasl3	phospholipase A2, group XVI
Pla2g2a	NM_001082531.1	modifier of Min1, EF, Enhancing factor	phospholipase A2, group IIA (platelets, synovial fluid)
Pla2g2e	NM_012044.2	mGIIePLA2s	phospholipase A2, group IIE
Pla2g2f	NM_012045.4	mGIIfPLA2s	phospholipase A2, group IIF
Pla2g4a	NM_008869.2	cytosolic phospholipase A2, cytosolic PLA2, Type IV PLA2, cPLA2, Pla2g4, cPLA2alpha	phospholipase A2, group IVA (cytosolic, calcium-dependent)
Pla2g4b	XM_925095.2	A030011C02Rik	phospholipase A2, group IVB (cytosolic)
Pla2g4c	NM_001168504.1	CPLA2-gamma	phospholipase A2, group IVC (cytosolic, calcium-independent)
Pla2g4d	NM_001024137.1	2610311B01Rik, Pla2delta	phospholipase A2, group IVD
Pla2g4e	NM_177845.4	2310026J01Rik, Pla2epsilon	phospholipase A2, group IVE
Pla2g4f	NM_001024145.2	Pla2zeta, 4732472I07Rik	phospholipase A2, group IVF
Pla2g6	NM_001199023.1	iPLA2, iPLA2beta	phospholipase A2, group VI
Plcb1	NM_019677.1	3110043I21Rik	phospholipase C, beta 1
Plcb2	NM_177568.2	B230205M18Rik	phospholipase C, beta 2
Plcb3	NM_008874.3		phospholipase C, beta 3
Plcb4	NM_013829.2	C230058B11Rik, A930039J07Rik	phospholipase C, beta 4
Plcl2	NM_013880.3	Plce2, PRIP-2	phospholipase C-like 2
Plekho2	NM_153119.2	Plekha1	pleckstrin homology domain containing, family O member 2
Plip	NM_026385.3	0610010I06Rik, Trn4sf11, plasmolipin	plasma membrane proteolipid
Pls1	NM_001033210.3	I-fimbrin	plastin 1 (I-isoforn)
Plxnb3	NM_019587.2	Plxn6	plexin B3
Plxnc1	NM_018797.2	CD232, vespr, 2510048K12Rik	plexin C1
Pmp22	NM_008885.2	Gas-3	peripheral myelin protein 22
Pnk	NM_019999.2	Brrp17, 2810403H05Rik, 2210013N15Rik	paroxysmal nonkinisogenic dyskinesia
Poir2b	NM_153798.2	RPB2	polymerase (RNA) II (DNA directed) polypeptide B
Poir2h	NM_145632.2		polymerase (RNA) II (DNA directed) polypeptide H
Poir2j	NM_011293.2	Rpo2-4, Rpb11a, 14.5kDa, RNA polymerase II subunit RPB14	polymerase (RNA) II (DNA directed) polypeptide J
Poir2k	NM_001039368.1	Mt1a, MafY, ABC10-alpha, RPB10alpha, RPB7.0, RPABC4, RPB12	polymerase (RNA) II (DNA directed) polypeptide K
Poir2l	NM_025593.1	2510029B14Rik	polymerase (RNA) II (DNA directed) polypeptide L
Pparg1a	NM_008904.2	Gm1133, A830037N07Rik, Pgc01, PPAR Gamma Coactivator-1, Pgc-1alpha, Pgc1, Pgc-1alppha	peroxisome proliferative activated receptor, gamma, coactivator 1 alpha
Ppm1l	NM_178726.3	5930404J21Rik, PP2C-epsilon, Pp2ce	protein phosphatase 1 (formerly 2C)-like
Ppp2ca	NM_019411.4	PP2A	protein phosphatase 2 (formerly 2A), catalytic subunit, alpha isoform
Ppp2r5c	NM_001135001.1	2610043M05Rik, 2700063L20Rik, Band 8A, D12Bwg0916e, B56/PP2A gamma	protein phosphatase 2, regulatory subunit B', gamma
Ppp2r5e	NM_012024.2	protein phosphatase 2A subunit beta, 4633401M22Rik, B56beta	protein phosphatase 2, regulatory subunit B', epsilon
Ppp3ca	NM_008913.4	PP2BA alpha, PP2B alpha 1, Caln, CnA, 2900074D19Rik, CN, Calna	protein phosphatase 3, catalytic subunit, alpha isoform
Ppp3cb	NM_008914.1	Cnab, PP2BA beta, 1110063J16Rik, Calnb, CnAbeta	protein phosphatase 3, catalytic subunit, beta isoform
Ppp3cc	NM_008915.2	Calnc, PP2BA gamma	protein phosphatase 3, catalytic subunit, gamma isoform
Ppt1	NM_008917.3	D4Ert184e, 9530043G02Rik, CLN1	palmitoyl-protein thioesterase 1
Pqbp1	NM_001252528.1	Sfc2	polyglutamine binding protein 1
Prf1	NM_011073.2	Pfp, perforin, Prf-1, Pfn	perforin 1 (pore forming protein)
Prkaa2	NM_178143.1	AMPKalpha2, 2310008J11Rik	protein kinase, AMP-activated, alpha 2 catalytic subunit
Prkaca	NM_008854.3	C alpha, Cs, PKA, Kaca	protein kinase, cAMP dependent, catalytic, alpha
Prkacb	NM_011100.3	Prkacb, cAMP-dependent protein kinase C beta	protein kinase, cAMP dependent, catalytic, beta
Prkca	NM_011101.3	Prkca	protein kinase C, alpha
Prkcb	NM_008855.2	A130082F03Rik, PKC-Beta, Prkcb2, Prkcb1, Prkcb	protein kinase C, beta
Prkce	NM_011104.2	PKCepsilon, Pkce, 5830406C15Rik, PKC[e]	protein kinase C, epsilon
Prkcg	NM_011102.3	Prkcc, PKCgamma, Prkcc	protein kinase C, gamma
Prkch	NM_008859.2	PKC-theta, PKC-O, A130035A12Rik, PKC theta, PKCtheta, Pkcc	protein kinase C, theta
Prkcs	NM_008925.1	hepatocystin, 80K-H	protein kinase C substrate 80K-H
Prl	NM_011164.1	Prl, Prl1a1	prolactin
Prnp	NM_011170.2	PrPC, PrPSc, CD230, Prn-i, Prn-p, Sinc, PrP	prion protein
Prpf3	NM_027541.4	3632413F13Rik	pre-mRNA processing factor 3
Prpf31	NM_001159714.1	2810404O06Rik, 1500019016Rik, PRP31, RP11	pre-mRNA processing factor 31
Psen1	NM_008943.2	PS-1, Ad3h, PS1, presenilin-1, S182	presenilin 1
Psen2	NM_001128605.1	PS2, ALG-3, PS-2, Ad4h	presenilin 2
Psmb8	NM_010724.2	Lmp7, Lmp-7	proteasome (prosome, macropain) subunit, beta type 8 (large multifunctional peptidase 7)
Psmb9	NM_013585.2	Lmp2, Lmp-2	proteasome (prosome, macropain) subunit, beta type 9 (large multifunctional peptidase 2)
Ptdss1	NM_008959.3	PSS-1, PtdSer Synthase-1	phosphatidylserine synthase 1
Ptdss2	NM_013782.4	PSS2	phosphatidylserine synthase 2
Pten	NM_008960.2	A130070J02Rik, TEP1, B430203M17Rik, MMAC1, 2310035O07Rik	phosphatase and tensin homolog
Ptgs2	NM_011198.3	COX2, cyclooxygenase-2, PGHS-2, Cox-2, PHS-2, prostaglandin G/H synthase, Pghs2, Tis10, cyclooxygenase 2	prostaglandin-endoperoxide synthase 2
Ptprn2	NM_011215.2	IA-2 beta, IA-2beta, 4930425H11Rik, phogrin, PTP-NP	protein tyrosine phosphatase, receptor type, N polypeptide 2
Ptprr	NM_011217.2	RPTPRR, PTPBR7, PTP-SL	protein tyrosine phosphatase, receptor type, R

Pvalb	NM_013645.3	PV, Pva, Parv	parvalbumin
Rab2a	NM_021518.3	Rab2, 9330148M11Rik	RAB2A, member RAS oncogene family
Rab3a	NM_009001.6		RAB3A, member RAS oncogene family
Rab3c	NM_023852.5	3110037E15Rik, 3110015B08Rik, 2700062I01Rik	RAB3C, member RAS oncogene family
Rac1	NM_009007.2	D5Ert4559e	RAS-related C3 botulinum substrate 1
Rad23b	NM_009011.4	mHR23B, 0610007D13Rik	RAD23b homolog (S. cerevisiae)
Raf1	NM_029780.3	c-Raf, 6430402F14Rik, Raf-1, v-Raf, sarcoma 3611 oncogene, Craf1	v-raf-leukemia viral oncogene 1
Ran	NM_009391.3		RAN, member RAS oncogene family
Rapgef2	NM_001099624.2	nRapGEP, CNRasGEF, 5830453M24Rik, Pdzgef1, RA-GEF-1	Rap guanine nucleotide exchange factor (GEF) 2
Rasgrp1	NM_011246.2		RAS guanyl releasing protein 1
Rdx	NM_001104617.1		radixin
Rela	NM_009045.4	p65 NF kappaB, p65	v-rel reticuloendotheliosis viral oncogene homolog A (avian)
Ret	NM_001080780.1	RET9, c-Ret, RET51	ret proto-oncogene
Rhoa	NM_016802.4	Arha1, Arha, Arha2, RhoA	ras homolog gene family, member A
Rims1	NM_052270.1	C03003M19Rik, RIM1, RIM1alpha, RIM1a	regulating synaptic membrane exocytosis 1
Ring1	NM_009066.3	Ring1A	ring finger protein 1
Rit2	NM_009065.2	Rin, Roc2	Ras-like without CAAX 2
Rras	NM_009101.2		Harvey rat sarcoma oncogene, subgroup R
Rtn4	NM_194053.3	NOGO, Nga, C130026I10Rik, 1110020G17Rik	reticulon 4
Ryr1	NM_009109.1	skr, Ryr, calcium release channel isoform 1	ryanodine receptor 1, skeletal muscle
Ryr2	NM_023868.1	9330127I20Rik	ryanodine receptor 2, cardiac
Ryr3	NM_177652.2	calcium release channel isoform 3	ryanodine receptor 3
S100b	NM_009115.3		S100 protein, beta polypeptide, neural
Sart1	NM_016882.3	U5-110K	squamous cell carcinoma antigen recognized by T cells 1
Scamp2	NM_022813.3	Sc2	secretory carrier membrane protein 2
Scn1a	NM_018733.2	Nav1.1	sodium channel, voltage-gated, type I, alpha
Scn2a1	NM_001099298.3	A230052E19Rik, Nav1.2	sodium channel, voltage-gated, type II, alpha 1
Sec23a	NM_009147.2	Sec23r, Msec23	SEC23 homolog A, COPII coat complex component
Serpinb6a	NM_001164117.1	Spi3, D330015H01Rik, ovalbumin, 4930482L21Rik	serine (or cysteine) peptidase inhibitor, clade B, member 6a
Sf3a2	NM_013651.4	PRP11, Sap62, 66kDa, SFA66	splicing factor 3a, subunit 2
Sf3b2	NM_030109.2	SAP145, SF3b1, 2610311M13Rik, B230398H18Rik, SF3b145, SF3b150, 145kDa,	splicing factor 3b, subunit 2
Sf3b4	NM_153053.3	2810441F20Rik	splicing factor 3b, subunit 4
Sgpl1	NM_009163.3	49kDa, SF3b49, Sap49	sphingosine phosphatase 1
Sh3tc2	NM_172628.2	D10Xr456	SH3 domain and tetratricopeptide repeats 2
Shank2	NM_001081370.2	D430044G18Rik	SH3/ankyrin domain gene 2
Shh	NM_009170.3	ProSAP1	sonic hedgehog
Sirt1	NM_019812.2	Hhg1, Hxl3, Hx, M100081	sirtuin 1
Sirt2	NM_022432.4	Sir2, Sir2alpha	sirtuin 2
Sirt7	NM_153056.2	Sir2l, SIR2L2, 5730427M03Rik	sirtuin 7
Sla	NM_001029841.1	Slap, Slap-1	src-like adaptor
Slc11a1	NM_013612.2	Lsh, Nramp1, Nramp, Ity1, Ity, Bcg, host resistance locus Bcg/Ity/Lsh, ity	solute carrier family 11 (proton-coupled divalent metal ion transporters), member 1
Slc12a5	NM_020333.2	KCC2	solute carrier family 12, member 5
Slc17a6	NM_080853.3	2900073D12Rik, VGLUT2	solute carrier family 17 (sodium-dependent inorganic phosphate cotransporter), member 6
Slc18a2	NM_172523.3	Vmat2, 1110037L13Rik	solute carrier family 18 (vesicular monoamine), member 2
Slc18a3	NM_021712.2	VACHT, VAT	solute carrier family 18 (vesicular monoamine), member 3
Slc1a1	NM_009199.2	EAAC1, MEAAC1, EAAT3, D130048G10Rik	solute carrier family 1 (neuronal/epithelial high affinity glutamate transporter, system Xag), member 1
Slc1a2	NM_001077514.3	1700091C19Rik, 2900019G14Rik, Eaat2, GLT1, MGLT1, GLT-1	solute carrier family 1 (glial high affinity glutamate transporter), member 2
Slc2a1	NM_014400.3	Glut-1, Glut1	solute carrier family 2 (facilitated glucose transporter), member 1
Slc32a1	NM_009508.2	Viaat, R75019, VGAT	solute carrier family 32 (GABA vesicular transporter), member 1
Slc4a10	NM_001242380.1	NCBE	solute carrier family 4, sodium bicarbonate cotransporter-like, member 10
Slc6a3	NM_010020.3	Dat1, DAT	solute carrier family 6 (neurotransmitter transporter, dopamine), member 3
Slc6a4	NM_010484.2	Sert, Htt, 5-HTT	solute carrier family 6 (neurotransmitter transporter, serotonin), member 4
Slc8a1	NM_011406.2	D930008O12Rik, Ncx1	solute carrier family 8 (sodium/calcium exchanger), member 1
Slc9a6	NM_172780.3	6430520C02Rik, NHE6	solute carrier family 9 (sodium/hydrogen exchanger), member 6
Slu7	NM_148673.3	D3Bwg0878e, D11Ert4730e	SLU7 splicing factor homolog (S. cerevisiae)
Smn1	NM_011420.2	SMN	survival motor neuron 1
Smpd4	NM_001164610.1	neutral membrane (neutral sphingomyelinase-3), 4122402O22Rik	sphingomyelin phosphodiesterase 4
Smyd1	NM_009762.2	Bop, 4632404M21Rik	SET and MYND domain containing 1
Snap91	NM_001277986.1	AP180, 91kDa, F1-20	synaptosomal-associated protein 91
Snca	NM_009221.2	alpha-synuclein, alphaSYN	synuclein, alpha
Sncap	NM_001199151.1	synphilin-1, 4933427B05Rik, SYPH1	synuclein, alpha interacting protein (synphilin)
Sncb	NM_033610.2	betaSYN	synuclein, beta
Snrpa	NM_001046637.1	C430021M15Rik, U1A, U1 snRNP, Rnu1a1	small nuclear ribonucleoprotein polypeptide A
Sod1	NM_011434.1	Ipo1, CuZnSOD, SODC, Sod-1, Cu(2+)-Zn(2+)-superoxide dismutase, Cu/Zn-SOD,	superoxide dismutase 1, soluble
Sod2	NM_013671.3	B430204E11Rik, Ipo-1	superoxide dismutase 2, mitochondrial
Sorcs3	NM_025696.3	manganese SOD, manganese superoxide dismutase, MnSOD, Sod-2	soritin-related VPS10 domain containing receptor 3
Sorl1	NM_011436.3	6330404A12Rik	soritin-related receptor, LDLR class A repeats-containing
Sox10	XM_128139.6	msSorLA, LR11, 2900010L19Rik, Sorla	SRY (sex determining region Y)-box 10
Sox9	NM_011448.4	gt, Sox21	SRY (sex determining region Y)-box 9
Sp1	NM_013672.2	2010306G03Rik	trans-acting transcription factor 1
Sp100	NM_013673.3	Spi-1, 1110003E12Rik	nuclear antigen Sp100
Spast	NM_016962.2	A430075G10Rik	spastin
Sp1	NM_011355.1	Sfp1, Spi-1, Sfp1-1, Dis-1, Tcfpu1, Tfpu.1, PU.1	spleen focus forming virus (SFFV) proviral integration oncogene
Sptbn2	NM_021287.1	Sfnb3	spectrin beta, non-erythrocytic 2
Sqstm1	NM_011018.2	p62, OSF-6, STAP, Osi, A170	sequestosome 1
Src	NM_001025395.2	pp60c-src	Rous sarcoma oncogene
Sri	NM_001080974.2	2900070H08Rik, Sor, 2210417O06Rik	sorcin
Srsf4	NM_020587.2	2900070H08Rik, Sor, 2210417O06Rik	serine/arginine-rich splicing factor 4
Stab1	NM_138672.2	M5-1	stabilin 1
Stambp1	NM_029682.4	1700095N21Rik, 8230401117Rik	STAM binding protein like 1
Stat1	NM_009283.3	2010005J02Rik	signal transducer and activator of transcription 1
Stat3	NM_213659.2	Aprf, 1110034C02Rik	signal transducer and activator of transcription 3
Stx1a	NM_016801.3	HPC-1	syntaxin 1A (brain)
Stx1b	NM_024414.2	Stx1b2	syntaxin 1B
Stx2	NM_007941.2	Epim, Syn-2, G1-536-1, repro34	syntaxin 2
Sucla2	NM_011506.1	4930547K18Rik	succinate-Coenzyme A ligase, ADP-forming, beta subunit
Synj1	NM_001045515.1	A930006D20Rik	synaptotagmin 1
Syt1	NM_009306.2	G630098F17Rik	synaptotagmin I
Syt13	NM_030725.4	5730409J20Rik	synaptotagmin XIII
Syt4	NM_009308.3		synaptotagmin IV
Syt7	NM_018801.3	B230112P13Rik	synaptotagmin VII
Taf10	NM_020024.3	30kDa, Taf2h, TAFI130	TATA-box binding protein associated factor 10
Taf4	NM_001081092.1	Taf2c1, Taf4a, TAFI130, TAFI135	TATA-box binding protein associated factor 4
Taf4b	NM_001100449.1	4932409F03Rik, 105kDa, TAFI105, 2610524B04Rik, Taf2c2	TATA-box binding protein associated factor 4b
Taf6l	NM_001177798.1	2810417N14Rik, C530024J06Rik, PAF65A	TATA-box binding protein associated factor 6 like
Taf9	NM_027139.5	2310012M09Rik, Taf2g	TATA-box binding protein associated factor 9
Tardbp	NM_001003899.2	TDP-43, 1190002A23Rik, Tdp43	TAR DNA binding protein
Taz	NM_181516.5	5031411C02Rik, 9130012G04Rik, G4.5	tafazzin
Tbp	NM_013684.3	Gtf2d	TATA box binding protein
Tbpl1	NM_011603.5	TRF2, Tip, TRP, TLF	TATA box binding protein-like 1
Tbr1	NM_009322.3		T-box brain gene 1
Tcerg1	NM_001039474.1	Taf2s, ca150, Fbp28, p144, 2900090C16Rik, 2410022I09Rik	transcription elongation regulator 1 (CA150)

Tcigr1	NM_001136091.1	Atp6i, V-ATPase a3, ATP6a3, TIRC7, OC-116	T cell, immune regulator 1, ATPase, H+ transporting, lysosomal V0 protein A3
Tenn2	NM_011856.3	Odz2, 2610040L17Rik, D38wg1534e, 9330187F13Rik, Ten-m2	teurenin transmembrane protein 2
Tfam	NM_009360.4	Hmgt5, tSHMG, mtTFA	transcription factor A, mitochondrial
Tgfb1	NM_011577.1	TGFbeta1, Tgfb, TGF-beta 1, Tgfb-1, TGF-beta1	transforming growth factor, beta 1
Tgfb2	NM_009371.2	TbetaR-II, TBR-II, TbetaRII, 1110020H15Rik	transforming growth factor, beta receptor II
Th	NM_009377.1		tyrosine hydroxylase
Thy1	NM_009382.3	T25, Thy-1, CD90, Thy1.1, Thy1.2, Thy-1.2, Thy 1.2, Thy 1.2	thymus cell antigen 1, theta
Tie1	NM_011587.2	tie-1, D430008P04Rik, TIE	tyrosine kinase with immunoglobulin-like and EGF-like domains 1
Tlr2	NM_011905.2	Ly105	toll-like receptor 2
Tlr4	NM_021297.2	Rasl2-8, Lps, lipopolysaccharide response	toll-like receptor 4
Tmem119	NM_146162.2	obif	transmembrane protein 119
Tnc	NM_011607.1	TN-C, cytotactin, tenascin-C, Hxb, C130033P17Rik, hexabrachion, TN	tenascin C
Tnf	NM_013693.2	TNFalpha, Tnfa, TNF-alpha, Tnfsf1a, tumor necrosis factor-alpha, DIF, TNF alpha	tumor necrosis factor
Tnfrsf10b	NM_020275.3	TRICK2A, KILLER, TRAIL-R2, TRICKB, TRAILR2, TRICK2B, DRS, Killer/Dr5, Ly98, Trail Receptor	tumor necrosis factor receptor superfamily, member 10b
Tnfrsf11b	NM_008764.3	Opg, TR1, OPG, OCIF, osteoclastogenesis inhibitory factor	tumor necrosis factor receptor superfamily, member 11b (osteoprotegerin)
Tnfrsf12a	NM_001161746.1	TWEAK-R, TweakR, Fn14	tumor necrosis factor receptor superfamily, member 12a
Tnfrsf1a	NM_011609.2	CD120a, TNF receptor alpha chain, TNFRp55, p55, TNF-R55, TNFalpha-R1, TNF-R-1, TNFR60, TNFAR, p55-R, TNF-alpha-R1, TNF-R1, TNF-alphaR1, TNFR1, Tnfr1	tumor necrosis factor receptor superfamily, member 1a
Tnfrsf1b	NM_011610.3	Tnfr2, p75 TNFR, TNF-alphaR2, CD120b, TNF-R2, TNFBR, TNF-R-II, TNF-R75, TNFRII, TNFalpha-R2, TNFR80, p75	tumor necrosis factor receptor superfamily, member 1b
Tnr	NM_022312.3	Janusin, TN-R, restrictin, J1-tenascin	tenascin R
Tor1a	NM_144884.1	DQ2, torsinA, Dyt1, Tor1a	torsin family 1, member A (torsin A)
Tpm1	NM_024427.4	alpha-TM, TM2, Tpm-1, Tm3	tropomyosin 1, alpha
Tradd	NM_001033161.2	9130005N23Rik	TNFRSF1A-associated via death domain
Trem1	NM_021406.5		triggering receptor expressed on myeloid cells 1
Trem2	NM_031254.2	Trem2b, Trem2c, Trem2a	triggering receptor expressed on myeloid cells 2
Trf	NM_133977.2	HP, Tfn	transferrin
Trim28	NM_011588.3	MommeD9, KAP-1, KRIP-1, Tif1b	tripartite motif-containing 28
Trim37	NM_197987.2	2810004E07Rik, 1110032A10Rik, TEF3, MUL	tripartite motif-containing 37
Trp53	NM_011640.1	p44, p53	transformation related protein 53
Trpm2	NM_138301.2	Trpp7, LTRPC2, TRPC7, 9830168K16Rik	transient receptor potential cation channel, subfamily M, member 2
Trpv1	NM_001001445.1	Vr1, VR-1, OTRPC1, capsaicin receptor	transient receptor potential cation channel, subfamily V, member 1
Tspo	NM_009775.4	Bzrp, PBR, Tspo1	translocator protein
Twistnb	NM_172253.2	2810024J17Rik, D16Wsu83e	twist basic helix-loop-helix transcription factor 1 neighbor
Txn1	NM_016792.2	32kDa, TRP32	thioredoxin-like 1
U2af2	NM_133671.3		U2 small nuclear ribonucleoprotein auxiliary factor (U2AF) 2
Ube2k	NM_016786.3	D5Ert601e, Hip2	ubiquitin-conjugating enzyme E2K
Ube2n	NM_080560.3	UBC13	ubiquitin-conjugating enzyme E2N
Ube3a	NM_173010.3	A130086L21Rik, Hpve6a, S830462N02Rik, E6-AP ubiquitin protein ligase	ubiquitin protein ligase E3A
Ubqln1	NM_152234.2	XDRP1, Plic-1, D13Ert372e, Dsk2, 1810030E05Rik, DA41, 1110046H03Rik	ubiquilin 1
Uchl1	NM_011670.2	PGP9.5, PGP 9.5	ubiquitin carboxy-terminal hydrolase L1
Ugcg	NM_011673.3	GlcT-1, Ugcgl, Epsc21	UDP-glucose ceramide glucosyltransferase
Ugt8a	NM_011674.4	Cgt, Ugt8, mCerGT	UDP galactosyltransferase 8A
Unc13a	NM_001029873.2	2410078G03Rik, Munc13-1	unc-13 homolog A (C. elegans)
Usp21	NM_013919.4	Usp23, ESTM28, Usp16, W53272	ubiquitin specific peptidase 21
Usp30	NM_001033202.3	6330590F17Rik, D5Ert483e	ubiquitin specific peptidase 30
Vcp	NM_009503.3	CDC48, p97/VCP, AAA ATPase p97, p97	valosin containing protein
Vegfa	NM_001025250.3	Vegf, VEGF120, VEGF188, VEGF-A, VPF, VEGF164	vascular endothelial growth factor A
Vip	NM_011702.2	PHI, peptide histidine isoleucine	vasoactive intestinal polypeptide
Wfs1	NM_011716.2	wolframin	Wolfram syndrome 1 homolog (human)
Xab2	NM_026156.2	0610041O14Rik	XPA binding protein 2
Xbp1	NM_013842.2	D11Ert39e, TREB5, TREB-5, XBP-1	X-box binding protein 1
Xiap	NM_009688.2	Birc4, 1110015C02Rik, IAP3, Aipa, ILP-1, Api3	X-linked inhibitor of apoptosis
Xk	NM_023500.2	Xk, 1810038K19Rik	X-linked Kx blood group
Zfp24	NM_021559.2	KOX17, 5033419P20Rik, 3526401F17Rik, Zfp191, Zf-12	zinc finger protein 24
Internal Reference Genes			
Aars	NM_146217.4		alanyl-tRNA synthetase
Asb7	NM_080443.2	Asb-7, D030055C23Rik	ankyrin repeat and SOCS box-containing 7
Ccdc127	NM_024201.3	5430420E17Rik, 0610011N22Rik	colled-coil domain containing 127
Cnot10	NM_153585.5	2600001P13Rik	CCR4-NOT transcription complex, subunit 10
Csnk2a2	NM_009974.3	CK2, 11100035J23Rik	casein kinase 2, alpha prime polypeptide
Fam104a	NM_138598.5	D11Wsu99e	family with sequence similarity 104, member A
Lars	NM_134137.2	2310045K21Rik, 3110009L02Rik	leucyl-tRNA synthetase
Mto1	NM_026658.2	2310039H01Rik, 5730419A02Rik	mitochondrial tRNA translation optimization 1
Supt7l	NM_028150.1	2610524B01Rik, 6030455L14Rik	suppressor of Ty 7-like
Tada2b	NM_001170454.1	LOC231151	transcriptional adaptor 2B