

nCounter® Human Neuropathology Panel - Gene and Probe Details

Official Symbol	Accession	Alias / Previous Symbol	Official Full Name	Other targets or Isoform Information
ABAT	NM_020686.5	GABAT	4-aminobutyrate aminotransferase	
ABL1	NM_005157.3	ABL, JTK7, c-ABL, p150	ABL proto-oncogene 1, non-receptor tyrosine kinase	
ACAA1	NM_001130410.1		acetyl-CoA acyltransferase 1	
ACHE	NM_000665.3	YT	acetylcholinesterase (Yt blood group)	
ACIN1	NM_001164815.1	ACINUS, KIAA0670, fSAP152	apoptotic chromatin condensation inducer 1	
ACTN1	NM_001102.3		actinin alpha 1	
ACVRL1	NM_000020.1	ACVRLK1, ORW2, HHT2, ALK1, HHT	activin A receptor type II	
ADAM10	NM_001110.2	kuz, MADM, HsT18717, CD156c	ADAM metalloproteinase domain 10	
ADCY5	NM_183357.2	AC5	adenylate cyclase 5	
ADCY8	NM_001115.2	ADCY3, HBAC1, AC8	adenylate cyclase 8 (brain)	
ADCY9	NM_001116.3	AC9	adenylate cyclase 9	
ADCYAP1	NM_001117.4	PACAP	adenylate cyclase activating polypeptide 1 (pituitary)	
ADORA1	NM_000674.1	RDC7	adenosine A1 receptor	
ADORA2A	NM_000675.3	ADORA2, RDC8	adenosine A2a receptor	
ADRA2A	NM_000681.2	ADRA2, ADRA2R, ADRAR	adrenoceptor alpha 2A	
ADRB2	NM_000024.3	ADRB2R, ADRRB, BAR, B2AR	adrenoceptor beta 2	
AGER	NM_001136.3	RAGE	advanced glycosylation end product-specific receptor	
AIF1	NM_032955.1	IRT-1, AIF-1, Em:AF129756.17, IBA1	allograft inflammatory factor 1	
AKT1	NM_001014432.1	RAC, PKB, PRKBA, AKT	v-akt murine thymoma viral oncogene homolog 1	
AKT1S1	NM_032375.3	PRAS40, MGC2865, Lobe	AKT1 substrate 1 (proline rich)	
AKT2	NM_001626.4		v-akt murine thymoma viral oncogene homolog 2	
AKT3	NM_005465.4	PKBG, RAC-gamma, PRKBG	v-akt murine thymoma viral oncogene homolog 3	
ALDH1L1	NM_012190.2	FTHFD, 10-FTHF	aldehyde dehydrogenase 1 family member L1	
AMIGO1	NM_020703.2	AMIGO, KIAA1163	adhesion molecule with Ig-like domain 1	
AMPH	NM_001635.3		amphiphysin	
ANG	NM_001145.4	RNASE5, RAA1	angiogenin, ribonuclease, RNase A family, 5	
ANGPT2	NM_001147.2	Ang2	angiopoietin 2	
AP1S1	NM_001283.3	CLAPS1, EKV3, AP19, SIGMA1A, WUGSC:H_DJ0747G18.2	adaptor related protein complex 1 sigma 1 subunit	
AP2A1	NM_012305.2	CLAP2, ADTAP, DKFZP564D1864, HYPJ, KIAA0899, HIP9	adaptor related protein complex 2 alpha 2 subunit	
AP2B1	NM_001030006.1	ADTB2, CLAPB1	adaptor related protein complex 2 beta 1 subunit	
AP3M2	NM_001134296.1	CLA20, AP47B	adaptor related protein complex 3 mu 2 subunit	
AP3S1	NM_001284.2	CLAPS3	adaptor related protein complex 3 sigma 1 subunit	
AP4S1	NM_001128126.2	CLA20, AP47B, SPG52	adaptor related protein complex 4 sigma 1 subunit	
APAF1	NM_181869.1	CED4, APAF-1	apoptotic peptidase activating factor 1	
APC	NM_000038.3	DP2, DP3, DP2.5, PPP1R46	adenomatous polyposis coli	
APOE	NM_000041.2	AD2	apolipoprotein E	
APP	NM_000484.3	AD1	amyloid beta precursor protein	
AQP4	NM_004028.3	MIWC	aquaporin 4	
ARC	NM_015193.3	KIAA0278, Arg3.1	activity-regulated cytoskeleton-associated protein	
ARHGAP44	NM_014859.4	KIAA0672, RICH-2, RICH2	Rho GTPase activating protein 44	
ARHGEF10	NM_014629.2	KIAA0294, Gef10	Rho guanine nucleotide exchange factor 10	
ARRB2	NM_004313.3	ARR2, BARR2, DKFZp686L0365	arrestin, beta 2	
ARSA	NM_000487.5		arylsulfatase A	
ATCAY	NM_033064.4	BNIP-H	ataxia, cerebellar, Cayman type	
ATF4	NM_001675.2	TXREB, TAXREB67, CREB-2	activating transcription factor 4	
ATF6	NM_007348.2	ATF6A	activating transcription factor 6	
ATG5	NM_004849.2	APG5L, ASP, APG5, hAPG5	autophagy related 5	
ATM	NM_138292.3	ATA, ATDC, ATC, ATD, TEL1, TELO1	ATM serine/threonine kinase	
ATP13A2	NM_001141974.1	PARK9, HSA9947, CLN12	ATPase type 13A2	
ATP2B3	NM_001001344.2	SCAX1, CLA2, PMCA3, CFAP39	ATPase plasma membrane Ca2+ transporting 3	
ATP6V0C	NM_001198569.1	ATPL, ATP6C, ATP6L, VATL, Vma3	ATPase, H+ transporting, lysosomal 16kDa, V0 subunit c	
ATP6V0D1	NM_004691.4	ATP6D, ATP6DV, VATX, VPATPD, P39, Vma6	ATPase, H+ transporting, lysosomal 38kDa, V0 subunit d1	
ATP6V0E1	NM_003945.3	ATP6H, ATP6VE, M9_2	ATPase, H+ transporting, lysosomal 9kDa, V0 subunit e1	
ATP6V0E2	NR_110612.1	C7orf32, ATP6V0E2L	ATPase, H+ transporting V0 subunit e2	
ATP6V1A	NM_001690.2	VPP2, ATP6A1, ATP6V1A1, Vma1, VA68	ATPase, H+ transporting, lysosomal 70kDa, V1 subunit A	
ATP6V1D	NM_015994.2	ATP6M, VATD, Vma8	ATPase, H+ transporting, lysosomal 34kDa, V1 subunit D	
ATP6V1E1	NM_001039361.1	ATP6E, ATP6V1E, P31, Vma4, ATP6E2	ATPase, H+ transporting, lysosomal 31kDa, V1 subunit E1	
ATP6V1G2	NM_130463.2	ATP6G, ATP6G2, Vma10, NG38, Em:AC004181.3	ATPase, H+ transporting, lysosomal 13kDa, V1 subunit G2	
ATP6V1H	NM_133620.1	CGI-11, SFD, VMA13, SFDalpha, SFDbeta	ATPase, H+ transporting, lysosomal 50/57kDa, V1 subunit H	
ATP7A	NM_000052.4	MNK	ATPase copper transporting alpha	
ATP8A2	NM_016529.4	ATP8B, ML-1	ATPase, aminophospholipid transporter, class I, type 8A, member 2	
ATRN	NM_001207047.1	DPPT-L, MGCA	attractin	
ATXN2	NM_002973.3	SCA2, TNRC13, ATX2	ataxin 2	
ATXN3	NM_004993.5	SCA3, MJD, ATX3, JOS	ataxin 3	
ATXN7	NM_001128149.2	SCA7, OPCA3, ADCAII	ataxin 7	
AVP	NM_000490.4	ARVP, ADH	arginine vasopressin	
B4GALT6	NM_004775.3	beta4GalT-VI	UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 6	
BACE1	NM_012104.3	BACE	beta-site APP-cleaving enzyme 1	
BAD	NM_004322.3	BCL2L8, BBC2	BCL2 associated agonist of cell death	
BAX	NM_138761.3	BCL2L4	BCL2-associated X protein	
BCAS1	NM_003657.2	NABC1, AIBC1	breast carcinoma amplified sequence 1	
BCAS2	NM_005872.2	DAM1, SPF27, Snt309	breast carcinoma amplified sequence 2	
BCHE	NR_137635.1	CHE1, CHE2, E1	butyrylcholinesterase	
BCL2	NM_000633.2	Bcl-2, PPP1R50	B-cell CLL/lymphoma 2	
BCL2L1	NM_138578.1	BCLX, BCL2L, Bcl-X, bcl-xl, bcl-xs, PPP1R52	BCL2 like 1	
BDNF	NM_170732.4		brain-derived neurotrophic factor	
BECN1	NM_003766.2	ATG6, VPS30	beclin 1, autophagy related	
BID	NM_001196.3		BH3 interacting domain death agonist	
BNIP3	NM_004052.2	Nip3	BCL2/adenovirus E1B 19kDa interacting protein 3	
BRMS1L	NM_032352.3	BRMS1, MGC11296, FLI39177	breast cancer metastasis-suppressor 1-like	
C3	NM_000064.2	CPAMD1, ARMD9, C3a, C3b	complement component 3	
C5	NM_001735.2	CPAMD4, C5a, C5b	complement component 5	
C6	NM_000065.2		complement component 6	
C9orf72	NM_145005.6	MGC23980	chromosome 9 open reading frame 72	
CA2	NM_000067.2	Car2, CA-II, CAII	carbonic anhydrase II	
CAB39	NM_001130849.1	CGI-66, MO25	calcium binding protein 39	
CACNA1A	NM_001127221.1	CACNL1A4, SCA6, MHP1, MHP, Cav2.1, EA2, APCA, HPCA, FHM	calcium voltage-gated channel subunit alpha1 A	
CACNA1B	NM_000718.3	CACNL1A5, Cav2.2, CACNN	calcium voltage-gated channel subunit alpha1 B	
CACNA1C	NM_000719.6	CCHL1A1, CACNL1A1, Cav1.2, CACH2, CACN2, TS, LQT8	calcium voltage-gated channel subunit alpha1 C	
CACNA1D	NM_000720.2	CCHL1A2, CACNL1A2, Cav1.3, CACH3, CACN4	calcium voltage-gated channel subunit alpha1 D	
CACNA1F	NM_005183.2	CSNB2, AIED, Cav1.4, JM8, JM8, CSNBX2, CORDX3, CSNB2A, OA2	calcium voltage-gated channel subunit alpha1 F	
CACNA1S	NM_000069.2	HOKPP, MHSS, CACNL1A3, Cav1.1, hypoPP	calcium voltage-gated channel subunit alpha1 S	
CACNB2	NM_000724.3	MYSB, CACNLB2	calcium voltage-gated channel auxiliary subunit beta 2	
CACNB4	NM_000726.3	EJM4	calcium voltage-gated channel auxiliary subunit beta 4	
CADM3	NM_001127173.1	IGSF4B, BigR, FLI10698, TSL11, NECL1, SynCAM3, Necl-1	cell adhesion molecule 3	
CADPS	NM_183394.2	CAPS, KIAA1121, CAPS1, UNC-31	Ca2+ dependent secretion activator	
CALB1	NM_004929.2	CALB	calbindin 1	
CALB2	NM_001740.2	CAL2	calbindin 2	
CALM1	NM_006888.3	CALML2, CAMI, PHKD, DD132	calmodulin 1 (phosphorylase kinase, delta)	
CALML5	NM_017422.4	CLSP	calmodulin like 5	
CAMK2B	NM_001220.3	CAMKB, CAM2, CAMK2	calcium/calmodulin-dependent protein kinase II beta	
CAMK2D	NM_172127.1	CAMKD	calcium/calmodulin-dependent protein kinase II delta	

CAMK2G	NM_001222.2	CAMKG	calcium/calmodulin-dependent protein kinase II gamma
CAMK4	NM_001744.3	CaMK-GR	calcium/calmodulin-dependent protein kinase IV
CASP1	NM_001223.3	IL1B, ICE	caspase 1
CASP3	NM_032991.2	CPP32, CPP32B, Yama, apopain	caspase 3
CASP6	NM_032992.2	MCH2	caspase 6
CASP7	NM_001227.3	MCH3, CMH-1, ICE-LAP3	caspase 7
CASP8	NM_001228.4	MCH5, MACH, FLICE, Casp-8	caspase 8
CASP9	XM_011542270.1	MCH6, ICE-LAP6, APAF-3, PPP1R56	caspase 9
CAST	NM_001042444.1		calpastatin
CCK	NM_001174138.1		cholecystokinin
CCL2	NM_002982.3	SCYA2, MCP1, MCP-1, MCAF, SMC-CF, GDCF-2, HC11, MGC9434	chemokine (C-C motif) ligand 2
CCL5	NM_002985.2	D17S136E, SCYAS, RANTES, SISd, TCP228, MGC17164	chemokine (C-C motif) ligand 5
CND1	NM_053056.2	BCL1, D11S287E, PRAD1, U21B31	cyclin D1
CNH	NM_001239.2	p34, p37, Cych	cyclin H
CCR2	NM_001123041.2	CMKBR2, CC-CR-2, CKR2, MCP-1-R, CD192, FLU78302	chemokine (C-C motif) receptor 2
CCR5	NM_000579.1	CMKBR5, CKR-5, CC-CR-5, CKR5, CD195, IDDM22	chemokine (C-C motif) receptor 5 (gene/pseudogene)
CCS	NM_005125.1		copper chaperone for superoxide dismutase
CD14	NM_000591.2		CD14 molecule
CD33	NM_001177608.1	SIGLEC3, SIGLEC-3, p67, FLI00391	CD33 molecule
CD34	NM_001025109.1		CD34 molecule
CD4	NM_000616.4		CD4 molecule
CD40	NM_001250.4	TNFRSF5, p50, Bp50	CD40 molecule
CD44	NM_001001392.1	MIC4, MDU2, MDU3, IN, MCS6, Pgp1, CD44R, HCELL, CSPG8	CD44 molecule (Indian blood group)
CD68	NM_001251.2	SCARD1, macrofialin, GP110, DKFZp686M18236, LAMP4	CD68 molecule
CD8A	NM_001768.5	CD8	CD8a molecule
CD9	NM_001769.2	MIC3, BA2, P24, TSPAN29, MRP-1	CD9 molecule
CD27	NM_001256.3	D0S1430E, D17S978E, APC3, ANAPC3, NUC2	cell division cycle 27
CD40	NM_015891.2	PRP17, EHB3, PRPF17, FLJ10564	cell division cycle 40
CDK2	NM_001798.2		cyclin-dependent kinase 2
CDK5	NM_004935.2	PSSALRE	cyclin-dependent kinase 5
CDK5R1	NM_003885.2	p35nck5a, Nck5a	cyclin-dependent kinase 5, regulatory subunit 1 (p35)
CDK5RAP3	NM_176096.2	MST016, FLJ13660, C53, IC53, HSF-27, OK/SW-cl.114, LZAP	CDK5 regulatory subunit associated protein 3
CDK7	NM_001799.2	CAK1, CDKN7, MO15, STK1, CAK	cyclin-dependent kinase 7
CDKN1A	NM_000389.2	CDKN1, P21, CIP1, WAF1, SDI1, CAP20, p21CIP1, p21Cip1/Waf1	cyclin-dependent kinase inhibitor 1A (p21, Cip1)
CDS1	NM_001263.3		CDP-diacylglycerol synthase 1
CERS1	NM_198207.2	LASS1, LAG1, UOG1	ceramide synthase 1
CERS2	NM_022075.3	LASS2, SP260, FLJ10243	ceramide synthase 2
CERS4	NM_024552.2	LASS4, FLJ12089, Trh1	ceramide synthase 4
CERS6	NM_203463.1	LASS6	ceramide synthase 6
CHAT	NM_020549.4		choline O-acetyltransferase
CHD4	NM_001273.2	Mi-2b, Mi2-BETA	chromodomain helicase DNA binding protein 4
CHL1	NM_001253387.1	CALL, L1CAM2, FLJ44930, MGC132578	cell adhesion molecule L1 like
CHMP2B	NM_001244644.1	DKFZP564O123, CHMP2.5, VPS2B	charged multivesicular body protein 2B
CHRM5	NM_012125.3		cholinergic receptor, muscarinic 5
CHRNA7	NR_046324.1		cholinergic receptor nicotinic alpha 7 subunit
CHRN2	NM_000748.2		cholinergic receptor nicotinic beta 2 subunit
CLDN15	NM_001185080.1		claudin 15
CLDN5	NM_001130861.1	AWAL, TMVCF, CPETRL1, BEC1	claudin 5
CLN3	NM_000086.2	BTS, JNCL	ceroid-lipofuscinosis, neuronal 3
CLN8	NM_018941.3	EPMR, C8orf61, FLJ39417	ceroid-lipofuscinosis, neuronal 8
CLU	NM_203339.2	CLI, APOJ, SGP-2, SP-40, TRPM-2, KUB1, CLU1, CLU2	clusterin
CNKSR2	NM_014927.2	KIAA0902, CNK2, KSR2	connector enhancer of kinase suppressor of Ras 2
CNR1	NM_016083.3	CNR, CB1K5, CB-R, CB1, CANN6, CB1A	cannabinoid receptor 1 (brain)
CNTF	NM_000614.3	HCNTF	ciliary neurotrophic factor
CNTN1	NM_001843.2	F3, GP135	contactin 1
CNTN4	NM_175613.2	BIG-2	contactin 4
CNTNAP1	NM_003632.2	NRXN4, p190, Caspr, CNTNAP	contactin associated protein 1
CNTNAP2	NM_014141.4	Caspr2, KIAA0868, NRXN4	contactin associated protein-like 2
COL4A1	NM_001845.4		collagen type IV alpha 1
COL4A2	NM_001846.2	FLJ22259, DKFZp686I14213	collagen type IV alpha 2
COMT	NM_007310.2		catechol-O-methyltransferase
CP	NM_000096.3		ceruloplasmin (ferroxidase)
CPLX1	NM_006651.3	CPX-I	complexin 1
CPT1B	NM_004377.3	M-CPT1, CPT1-M	carnitine palmitoyltransferase 1B
CR1	NM_000573.3	CD35, KN	complement component 3b/4b receptor 1 (Knops blood group)
CREB1	NM_004379.3		cAMP responsive element binding protein 1
CREBBP	NM_004380.2	RSTS, RTS, CBP, KAT3A	CREB binding protein
CRH	NM_000756.1	CRF, CRH1	corticotropin releasing hormone
CRTC2	NM_181715.1	TORC2	CREB regulated transcription coactivator 2
CSF1	NM_000757.4	M-CSF, MCSF, MGC31930	colony stimulating factor 1
CSF1R	NM_005211.2	FMS, C-FMS, CSFR, CD115	colony stimulating factor 1 receptor
CSF2RB	NM_000395.2	IL3RB, IL5RB, CD131	colony stimulating factor 2 receptor beta common subunit
CSPG4	NM_001897.4	MCSFG, MEL-CSPG, MSK16, NG2, MCSP, HMW-MAA	chondroitin sulfate proteoglycan 4
CTNNA1	NM_001098210.1	CTNNA1, beta-catenin, armadillo	catenin beta 1
CTNS	NM_001031681.2	CTNS-LSB, PQLC4	cystinosis, lysosomal cystine transporter
CTSE	NM_001910.2		cathepsin E
CUL1	NM_003592.2		cullin 1
CUL2	NM_003591.2		cullin 2
CUL3	NM_003590.2		cullin 3
CX3CL1	NM_002996.3	SCYD1, NTN, C3Xkine, ABCD-3, CX3C, CX3, fractalkine, neurotactin	chemokine (C-X3-C motif) ligand 1
CX3CR1	NM_001337.3	GPR13, CMKBR11, CMKDR1, V28, CCR11	chemokine (C-X3-C motif) receptor 1
CXCL10	NM_001565.2	INP10, SCYB10, IFI10, IP-10, crg-2, mob-1, C7, gIP-10	chemokine (C-X-C motif) ligand 10
CXCL11	NM_005409.4	SCY89B, SCYB11, H174, b-R1, I-TAC, IP-9	chemokine (C-X-C motif) ligand 11
CXCL12	NM_199168.3	SDF1A, SDF1B, SDF1, SCYB12, SDF-1a, SDF-1b, PBSF, TLSF-a, TLSF-b, TPARI	chemokine (C-X-C motif) ligand 12
CXCL16	NM_001100812.1	SR-PSOX, CXCLG16, SRPSOX	chemokine (C-X-C motif) ligand 16
CXCR4	NM_003467.2	LESTR, NPY3R, HM89, NPY3R, D25201E, fusin, HSY3RR, NPYR, CD184	chemokine (C-X-C motif) receptor 4
CXXC1	NM_001101654.1	HST2645, PCCX1, hCGBP, PHF18, CGBP, SPP1, CFP1, ZCGPC1	CXXC finger protein 1
CYBB	NM_000397.3	CGD, GP91-PHOX, NOX2	cytochrome b-245, beta polypeptide
CYC5	NM_018947.4	HCS, CYC	cytochrome c, somatic
CYP4X1	NM_178033.1	MGC40051	cytochrome P450 family 4 subfamily X member 1
DAGLA	NM_006133.2	C11orf11, KIAA0659, NSDDR, DAGLALPHA	diacylglycerol lipase, alpha
DBH	NM_000787.3	DBM	dopamine beta-hydroxylase (dopamine beta-monoxygenase)
DCX	NM_000555.2	SCLH, DC, LISX, DBCN, XLIS	doublecortin
DDC	NM_000790.3	AADC	dopa decarboxylase
DDIT3	NM_004083.4	CHOP10, GADD153, CHOP	DNA damage inducible transcript 3
DDX23	NM_004818.2	prp28, U5-100K, PRPF28, SNRNP100	DEAD-box helicase 23
DES	NM_001927.3	CMD11, CSM1, CSM2	desmin
DGKB	NM_004080.1	DAGK2, KIAA0718, DGK, DGK-BETA	diacylglycerol kinase beta
DGKE	NM_003647.2	DAGK5, DGK	diacylglycerol kinase epsilon
DLAT	NM_001931.4	DLTA, PDC-E2	dihydroliipoamide S-acetyltransferase
DLI	NM_000108.3	LAD, GCSL, DLDH	dihydroliipoamide dehydrogenase
DLG3	NM_021120.3	NE-Dlg, SAP102, SAP-102, NEDLG, KIAA1232, MRX90, PPP1R82	discs large homolog 3
DLG4	NM_001365.3	PSD-95, PSD95, SAP90, SAP-90	discs large homolog 4

sub-maximal transcript coverage due to non-overlapping transcripts

DLGAP1	NM_001003809.2	GKAP, SAPAP1, DAP-1	discs large homolog associated protein 1
DLL4	NM_019074.2		delta-like 4 (Drosophila)
DLX1	NM_178120.4		distal-less homeobox 1
DLX2	NM_004045.3	TES-1	distal-less homeobox 2
DNAH1	NM_015512.4	XLHSRF-1, DNAHC1, HDHC7, HL-11, HL11	dynein, axonemal, heavy chain 1
DNAJA2	NM_005880.3	HIRIP4, DNAJ, CPR3, DNJ3	DnaJ heat shock protein family (Hsp40) member A2
DNM1L	NM_001278463.1	DRP1, DVLP, HDYNIV, DYMPLE, VPS1	dynamin 1-like
DNM2	NM_004945.2	DYNII, DYN2, CMTDIB, CMTDI1, DI-CMTB, CMT2M	dynamin 2
DOT1L	NM_032482.2	KIAA1814, DOT1, KMT4	DOT1 like histone H3K79 methyltransferase
DRD1	NM_000794.3		dopamine receptor D1
DRD2	NM_000795.2		dopamine receptor D2
DRD4	NM_000797.2		dopamine receptor D4
EFNA1	NM_004428.2	TNFAIP4, EPLG1, LERK1, ECKLG	ephrin-A1
EFNA5	NM_001962.2	EPLG7, AF1, LERK7	ephrin-A5
EFNB3	NM_001406.3	EPLG8, LERK-8	ephrin-B3
EFR3A	NM_015137.4	KIAA0143	EFR3 homolog A
EGF	NM_001963.4		epidermal growth factor
EGFL7	NM_016215.3	ZNEU1	EGF like domain multiple 7
EGFR	NM_201282.1	ERBB, ERBB1	epidermal growth factor receptor
EGR1	NM_001964.2	TIS8, G0S30, NGFI-A, KROX-24, ZIF-268, AT225, ZNF225	early growth response 1
EGR2	NM_000399.3	KROX20	early growth response 2
EHMT1	NM_024757.3	Eu-HMTase1, FLJ12879, KIAA1876, bA188C12.1, KMT1D	euchromatic histone-lysine N-methyltransferase 1
EIF2S1	NM_004094.4	EIF2, EIF-2alpha, EIF2A	eukaryotic translation initiation factor 2 subunit alpha
EMCN	NM_016242.3	MUC14	endomucin
EMP2	NM_001424.4	XMP	epithelial membrane protein 2
ENG	NM_001114753.1	ORW1, ORW, END, HHT1, CD105	endoglin
ENTPD2	NM_203468.1	CD39L1, NTPDase-2	ectonucleoside triphosphate diphosphohydrolase 2
ENTPD4	NM_001128930.1	LYSAL1, LALP70, LAP70, KIAA0392, NTPDase-4, UDPase	ectonucleoside triphosphate diphosphohydrolase 4
EP300	NM_001429.2	p300, KAT3B	E1A binding protein p300
EPHA2	NM_004431.2	ECK	EPH receptor A2
EPHA3	NM_005233.5	ETK, ETK1, TYRO4, HEK, HEK4	EPH receptor A3
EPHA4	NM_004438.3	TYRO1, HeK8	EPH receptor A4
EPHA5	NM_004439.4	Hek7, TYRO4, CEK7, EHK1	EPH receptor A5
EPHA6	NM_173655.2	FLJ35246	EPH receptor A6
EPHA7	NM_001288630.1	Hek11	EPH receptor A7
EPO	NM_000799.2	EP	erythropoietin
ERBB3	NM_001005915.1	LCCS2, HER3	erb-b2 receptor tyrosine kinase 3
ERG	NM_001136155.1	erg-3, p55	v-ets avian erythroblastosis virus E26 oncogene homolog
ERLRC1	NM_001127397.2	C2orf30, CL25084, XTP3TPB, XTP3-B, ERECTIN	endoplasmic reticulum lectin 1
ESAM	NM_138961.2	W117m	endothelial cell adhesion molecule
F2	NM_000506.2		coagulation factor II, thrombin
FA2H	NM_024306.4	FAXDC1, SPG35, FAAH, FLJ25287	fatty acid 2-hydroxylase
FAM126A	XM_006715799.2	DRCTNNB1A, HCC, HYCC1, hyccin	family with sequence similarity 126 member A
FAS	NM_000043.4	FAS1, APT1, TNFRSF6, CD95, APO-1	Fas cell surface death receptor
FASLG	NM_000639.1	APT1LG1, TNFSF6, FasL, CD178	Fas ligand
FGF12	NM_004113.4	FGF12B, FHF1	fibroblast growth factor 12
FGF14	NM_004115.3	FHF4, SCA27	fibroblast growth factor 14
FGF2	NM_002006.4	FGFB	fibroblast growth factor 2
FLT1	NM_002019.4	FLT, VEGFR1	fms related tyrosine kinase 1
FLT4	NM_002020.1	VEGFR3, PCL	fms related tyrosine kinase 4
FMR1	NM_002024.4	POF1, POF, FMRP, FRAXA, MGC87458	fragile X mental retardation 1
FN1	NM_212482.1	MSF, CIG, LETS, GFND2, FINC	fibronectin 1
FOS	NM_005252.2	c-fos, AP-1	FBI murine osteosarcoma viral oncogene homolog
FRMPD4	NM_014728.3	PDZK10, PDZD10, KIAA0316	FERM and PDZ domain containing 4
FUS	NM_004960.3	ALS6, TLS, FUS1, hnRNP-P2, HNRNPP2	FUS RNA binding protein
FXN	NM_001161706.1	FRDA, FA, FARR, X25, CyaY	frataxin
FYN	NM_002037.3	SYN, SLK, MGC45350	FYN proto-oncogene, Src family tyrosine kinase
GAA	NM_000152.3		glucosidase, alpha; acid
GABRA1	NM_000806.5	EJM5	gamma-aminobutyric acid type A receptor alpha1 subunit
GABRA4	NM_000809.2		gamma-aminobutyric acid type A receptor alpha4 subunit
GABRB2	NM_000813.2		gamma-aminobutyric acid type A receptor beta2 subunit
GABRB3	NM_000814.5		gamma-aminobutyric acid type A receptor beta3 subunit
GABRG2	NM_000816.3		gamma-aminobutyric acid type A receptor gamma2 subunit
GABRP	NM_014211.2		gamma-aminobutyric acid type A receptor pi subunit
GABRR1	NM_002042.3		gamma-aminobutyric acid type A receptor rho1 subunit
GABRR3	XM_116036.7		gamma-aminobutyric acid type A receptor rho3 subunit (gene/pseudogene)
GAD1	NM_000817.2	GAD	glutamate decarboxylase 1
GAD2	NM_000818.2	GAD65	glutamate decarboxylase 2
GAL3ST1	NM_004861.1	CST	galactose-3-O-sulfotransferase 1
GALC	NM_000153.3		galactosylceramidase
GATA2	NM_032638.3	NFE1B	GATA binding protein 2
GBA	NM_001005742.2	GLUC, GBA1	glucosidase, beta, acid
GDNF	NM_000514.2	ATF1, ATF2, HFB1-GDNF	glial cell derived neurotrophic factor
GDPD2	NM_001171191.1	QBDPF, FLJ20207, GDE3	glycerophosphodiester phosphodiesterase domain containing 2
GFAP	NM_002055.4	FLJ45472	glial fibrillary acidic protein
GFPT1	NM_001244710.1	GFPT1, GFAT, GFA, GFAT1	glutamine--fructose-6-phosphate transaminase 1
GGA1	NM_001001560.2		golgi-associated, gamma adaptin ear containing, ARF binding protein 1
GGT1	NM_001032364.2	GGT, D225672, D225732, CD224	gamma-glutamyltransferase 1
GJB1	NM_000166.5	CMTX1, CMTX, CX32	gap junction protein beta 1
GLRB	NM_000824.4		glycine receptor beta
GLS	NM_014905.3	KIAA0838, GLS1	glutaminase
GNAI1	NM_002069.4		guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 1
GNAI2	NM_002070.2	GNAI2B, GIP	guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 2
GNAI3	NM_006496.1	87U6	guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 3
GNAO1	NM_020988.2	G-ALPHA-o	guanine nucleotide binding protein (G protein), alpha activating activity polypeptide O
GNAQ	NM_002072.4	G-ALPHA-q, GAQ	guanine nucleotide binding protein (G protein), q polypeptide
GNB5	NM_006578.3	GB5	guanine nucleotide binding protein (G protein), beta 5
NG2	NM_053064.4		guanine nucleotide binding protein (G protein), gamma 2
NGT1	NM_021955.4	GNG1	guanine nucleotide binding protein (G protein), gamma transducing activity polypeptide 1
GNPTAB	NM_024312.3	GNPTA, KIAA1208, MGC4170	N-acetylglucosamine-1-phosphate transferase, alpha and beta subunits
GNPTG	NM_032520.3	GNPTAG, C16orf27, CAB56184, c316G12.3	N-acetylglucosamine-1-phosphate transferase, gamma subunit
GPDI1	NM_015141.3	KIAA0089	glycerol-3-phosphate dehydrogenase 1-like
GPR37	NM_005302.2	EDNRBL, hET(B)R-LP, PAELR	G protein-coupled receptor 37 (endothelin receptor type B-like)
GPR4	NM_005282.1		G protein-coupled receptor 4

GPR84	NM_020370.1	EX33	G protein-coupled receptor 84
GPRASP1	NM_001099410.1	GASP, GASP1	G protein-coupled receptor associated sorting protein 1
GRIA1	NM_000827.3	GLUR1, GluA1, GLURA	glutamate ionotropic receptor AMPA type subunit 1
GRIA2	NM_001083620.1	GLUR2, GluA2, GLURB	glutamate ionotropic receptor AMPA type subunit 2
GRIA3	NM_000828.4	GLUR3, GluA3, GLURC, MRX94	glutamate ionotropic receptor AMPA type subunit 3
GRIA4	NM_000829.3	GLUR4, GluA4, GLURD	glutamate ionotropic receptor AMPA type subunit 4
GRIK2	NM_021956.4	GLUR6, GluK2, MRT6	glutamate ionotropic receptor kainate type subunit 2
GRIN1	NM_000832.5	NMDAR1, GluN1	glutamate ionotropic receptor NMDA type subunit 1
GRIN2A	NM_000833.3	NMDAR2A, GluN2A	glutamate ionotropic receptor NMDA type subunit 2A
GRIN2B	NM_000834.3	NMDAR2B, GluN2B	glutamate ionotropic receptor NMDA type subunit 2B
GRIN2C	NM_000835.3	NMDAR2C, GluN2C	glutamate ionotropic receptor NMDA type subunit 2C
GRIN2D	NM_000836.2	NMDAR2D, GluN2D, EB11, NR2D	glutamate ionotropic receptor NMDA type subunit 2D
GRIN3B	NM_138690.1	GluN3B	glutamate ionotropic receptor NMDA type subunit 3B
GRM1	NM_000838.3	GPRC1A, mGlu1, MGLUR1, PPP1R85	glutamate receptor, metabotropic 1
GRM2	NM_001130063.1	GPRC1B, mGlu2, MGLUR2	glutamate receptor, metabotropic 2
GRM5	NM_000842.1	MGLUR5, GPRC1E, mGlu5, PPP1R86	glutamate receptor, metabotropic 5
GRM8	NM_000845.1	GLUR8, GPRC1H, mGlu8, MGLUR8	glutamate receptor, metabotropic 8
GRN	NM_002087.2	PCDGF, PGRN, CLN11	granulin
GSK3B	NM_002093.2		glycogen synthase kinase 3 beta
GSN	NM_000177.4	DKFzp31310718	gelsolin
GSR	NM_000637.2		glutathione reductase
GSS	NM_000178.2		glutathione synthetase
GSTP1	NM_000852.2	FAEES3, GST3, GSTP	glutathione S-transferase pi 1
GTF2A1	NM_015859.2	TFIIA	general transcription factor IIA 1
GTF2B	NM_001514.5	TFIIB	general transcription factor IIB
GTF2H1	NM_005316.3	BTF2, P62, TFIIH	general transcription factor IIH subunit 1
GTF2H3	NM_001516.4	BTF2, TFIIH, P34	general transcription factor IIH subunit 3
GTF2IRD1	NM_005685.2	WBSCR11, MustTRD1, RBAP2, GTF3, WBSCR12, BEN, Cream1	GTF2I repeat domain containing 1
GUCY1B3	NM_000857.2	GUC1B3, GC-SB3, GC-S-beta-1	guanylate cyclase 1, soluble, beta 3
GUSB	NM_000181.3		glucuronidase, beta
HAP1	NM_003949.2	HAP2, HLP, hHLP1, HIP5	huntingtin-associated protein 1
HCN1	NM_021072.2	BCNG1, BCNG-1, HAC-2	hyperpolarization activated cyclic nucleotide gated potassium channel 1
HDAC1	NM_004964.2	RPD3L1, HD1, GON-10	histone deacetylase 1
HDAC2	NM_001527.1	RPD3, YAF1	histone deacetylase 2
HDAC6	NM_001321225.1	KIAA0901, JM21, HD6, FUJ16239, PPP1R90	histone deacetylase 6
HDAC7	NM_001098416.2	HDAC7A, DKFZP586J0917	histone deacetylase 7
HEXB	NM_000521.3		hexosaminidase subunit beta
HGF	NM_000601.4	DFNB39, SF, F-TCF, HGFB, HPTA	hepatocyte growth factor
HIF1A	NM_001530.2	MOP1, HIF-1alpha, PASD8, HIF1, bHLHe78	hypoxia inducible factor 1, alpha subunit (basic helix-loop-helix transcription factor)
HLA-DRA	NM_019111.3	HLA-DRA1	major histocompatibility complex, class II, DR alpha
HMGGB1	NM_002128.4	HMG1, HMG3, SBP-1, DKFZp686A04236	high mobility group box 1
HMOX1	NM_002133.2	bK286B10, HO-1	heme oxygenase 1
HNRNPM	NM_005968.3	NAGR1, HNRPM, HTGR1, HNRNPM4, HNRPM4, CEAR	heterogeneous nuclear ribonucleoprotein M
HOMER1	NM_004272.3	Ves-1, SYN47, HOMER-1B	homer scaffolding protein 1
HPGDS	NM_014485.2	GSTS, PGDS, H-PGDS, PGD2, GSTS1-1, GSTS1	hematopoietic prostaglandin D synthase
HRAS	NM_005343.2	HRAS1	Harvey rat sarcoma viral oncogene homolog
HSPA6	NM_002155.3	HSP70B'	heat shock protein family A (Hsp70) member 6
HSPB1	NM_001540.3	HSP27, HSP28, Hs.76067, Hsp25, CMT2F	heat shock protein family B (small) member 1
HTR1A	NM_000524.2	ADRB2RL1, ADRBRL1, 5-HT1A	5-hydroxytryptamine receptor 1A
HTR5A	NM_024012.2	5-HT5A	5-hydroxytryptamine receptor 5A
HTRA2	NM_013247.4	PRSS25, OMI, PARK13	Htra serine peptidase 2
HTT	NM_002111.7	HD, IT15	huntingtin
ICAM1	NM_000201.2	BB2, CD54	intercellular adhesion molecule 1
ICAM2	NM_000873.3	CD102	intercellular adhesion molecule 2
IDE	NM_004969.3		insulin degrading enzyme
IDH1	NM_005896.3		isocitrate dehydrogenase 1 (NADP+)
IGF1	NM_000618.3	IGF1A, IGF1, IGF-I	insulin like growth factor 1
IGF1R	NM_000875.4	JTK13, CD221, IGFIR, MGC18216, IGFIR	insulin like growth factor 1 receptor
IKKB	NM_001556.1	IKK2, NFKBKB, IKK-beta, IKKB	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta
IL10	NM_000572.2	CSIF, TGIF, IL10A, IL-10	interleukin 10
IL10RA	NM_001558.2	IL10R, HIL-10R, CDW210A, CD210a, CD210	interleukin 10 receptor subunit alpha
IL13RA1	NM_001560.2	IL-13Ra, NR4, CD213a1	interleukin 13 receptor subunit alpha 1
IL15RA	NM_002189.2	CD215, IL-15RA	interleukin 15 receptor subunit alpha
IL1B	NM_000576.2	IL1F2, IL-1B, IL1-BETA	interleukin 1 beta
IL1R1	NM_001320984.1	IL1R, IL1RA, D2S1473, CD121A	interleukin 1 receptor, type I
IL4R	NM_000418.3	CD124	interleukin 4 receptor
IL6	NM_000600.3	IFN2, IL-6, BSF2, HGF, HSF	interleukin 6
IL6R	NM_000565.3	CD126	interleukin 6 receptor
INA	NM_032727.3	NEFS, NF-66	internexin neuronal intermediate filament protein alpha
INHBB	NM_002193.2		inhibin beta B
INPP4A	NM_001134224.1	INPP4	inositol polyphosphate-4-phosphatase type IA
INPP5F	NR_003252.1	SAC2, KIAA0966, hSac2	inositol polyphosphate-5-phosphatase F
INS	NM_000207.2	IDDM2, IDDM1	insulin
INSR	NM_000208.2	CD220	insulin receptor
IPCEF1	NM_015553.2	PIP3-E, KIAA0403	interaction protein for cytohesin exchange factors 1
IRF8	NM_002163.2	ICSBP1, IRF-8, ICSBP	interferon regulatory factor 8
ISLR2	NM_001130136.1	KIAA1465	immunoglobulin superfamily containing leucine-rich repeat 2
ITGA5	NM_002205.2	FNRA, CD49e	integrin subunit alpha 5
ITGA7	NM_002206.1		integrin subunit alpha 7
ITGAL	NM_002209.2	CD11A, LFA-1	integrin subunit alpha L
ITGAM	NM_000632.3	CR3A, CD11B, MAC-1, CD11b	integrin subunit alpha M
ITGAX	NM_000887.3	CD11C, CD11c	integrin subunit alpha X
ITPR1	NM_001099952.1	SCA15, SCA16, SCA29, Insp3r1, IP3R1, ACV, PPP1R94	inositol 1,4,5-trisphosphate receptor type 1
ITPR2	NM_002223.2	IP3R2, CFAP48	inositol 1,4,5-trisphosphate receptor type 2
ITPR3	NM_002224.2	IP3R3	inositol 1,4,5-trisphosphate receptor type 3
JAM3	NM_032801.3	JAM-C, JAMC	junctional adhesion molecule 3
JUN	NM_002228.3	c-Jun, AP-1	jun proto-oncogene
KATNA1	NM_001204076.1		katanin p60 (ATPase containing) subunit A 1
KCNA1	NM_000217.2	AEMK, Kv1.1, RBK1, HUK1, MBK1	potassium voltage-gated channel subfamily A member 1
KCNB1	NM_004975.2	Kv2.1	potassium voltage-gated channel subfamily B member 1
KCNJ10	NM_002241.4	Kir4.1, Kir1.2	potassium voltage-gated channel subfamily J member 10
KEAP1	NM_012289.3	KIAA0132, MGC10630, MGC1114, MGC20887, MGC4407, MGC9454, InrF2,	kelch like ECH associated protein 1
KEL	NM_000420.2	ECE3, CD238	Kell blood group, metallo-endopeptidase
KIAA1161	NM_020702.3	NET37	KIAA1161
KIF3A	NM_007054.5	FLA10, KLP-20	kinesin family member 3A
KLK6	NM_001012964.2	PRSS9, PRSS18, Bssp, Kik7, neurosin	kallikrein related peptidase 6
KRAS	NM_004985.3	KRAS2, KRAS1	Kirsten rat sarcoma viral oncogene homolog
L1CAM	NM_024003.2	HSAS1, SPG1, HSAS, MASA, MIC5, S10, CD171	L1 cell adhesion molecule
LAMA2	NM_000426.3	LAMM	laminin subunit alpha 2
LAMB2	NM_002292.3	LAMS, NPHSS	laminin subunit beta 2

sub-maximal transcript coverage due to non-overlapping transcripts

LAMP1	NM_005561.3	CD107a	lysosomal associated membrane protein 1
LCAT1	NM_001002257.1	LYCAT, FLJ37965, ALCAT1, AGPAT8	lysocardiolipin acyltransferase 1
LDHC	NM_002301.2	CT32	lactate dehydrogenase C
LIF	NM_002309.3	CDF, DIA, HILDA	leukemia inhibitory factor
LMNA	NM_005572.2	LMN1, CMD1A, LGMD1B, PRO1, LMNL1, HGPS	lamin A/C
LOX	NM_002317.4		lysyl oxidase
LPAR1	NM_001401.3	EDG2, edg-2, rec.1.3, vzg-1, Gpcr26, Mrec1.3, LPA1, GPR26	lysophosphatidic acid receptor 1
LPO	NM_001160102.1	SPO	lactoperoxidase
LRP1	NM_002332.2	APR, A2MR, LRP, CD91, LRP1A, APOER	LDL receptor related protein 1
LRRC25	NM_145256.2	MAPA, FLJ38116	leucine rich repeat containing 25
LRRC4	NM_022143.4	NAG14	leucine rich repeat containing 4
LRRC2	NM_198578.3	PARK8, ROCO2, DKFZp434H2111, FLJ45829, RIPK7	leucine-rich repeat kinase 2
LSM2	NM_021177.3	C6orf28, G7b, YBLO26W	LSM2 homolog, U6 small nuclear RNA and mRNA degradation associated
LSM7	NM_016199.2	YNL147W	LSM7 homolog, U6 small nuclear RNA and mRNA degradation associated
LSR	NM_205835.3	LISCH7, ILDR3	lipolysis stimulated lipoprotein receptor
LTBR	NM_001270987.1	D125370, TNFCR, TNFR-RP, TNFR-F-III, TNFRSF3	lymphotxin beta receptor
LYPLA1	NM_006330.3	LPL1	lysophospholipase I
MAG	NM_001199216.1	GMA, SIGLEC4A, SIGLEC-4A, S-MAG	myelin associated glycoprotein
MAGEE1	NM_020932.2	KIAA1587, DAMAGE	MAGE family member E1
MAL	NM_002371.2		mal T-cell differentiation protein
MAN2B1	NM_001173498.1	MANB, LAMAN	mannosidase alpha class 2B member 1
MAP2	NM_031845.2	MAP2A, MAP2B, MAP2C	microtubule associated protein 2
MAP2K1	NM_002755.2	PRKMK1, MEK1, MAPKK1	mitogen-activated protein kinase kinase 1
MAP2K2	NM_030662.3	PRKMK2, MEK2	mitogen-activated protein kinase kinase 2
MAPK1	NM_138957.2	PRKM2, PRKM1, ERK, ERK2, p41mapk, MAPK2	mitogen-activated protein kinase 1
MAPK10	NM_138981.2	PRKM10, JNK3, p493F12, p54bSAPK	mitogen-activated protein kinase 10
MAPK3	NM_001040056.1	PRKM3, ERK1, p44mapk, p44erk1	mitogen-activated protein kinase 3
MAPK8	NM_002750.2	PRKM8, JNK, JNK1, SAPK1	mitogen-activated protein kinase 8
MAPK9	XM_005265940.1	PRKM9, JNK2, p54a, SAPK	mitogen-activated protein kinase 9
MAPKAPK2	NM_004759.3		mitogen-activated protein kinase-activated protein kinase 2
MAPT	NM_001123066.2	DDPAC, MAPTL, MTBT1, tau, PPND, FTDP-17, TAU, MSTD, MTBT2, FLJ31424, MGC138549, PPP1R103	microtubule associated protein tau
MARCO	NM_006770.3	SCARA2	macrophage receptor with collagenous structure
MBP	NM_002385.2		myelin basic protein
MEAF6	NR_073091.1	C1orf149, NY-SAR-91, FLJ11730, Eaf6, CENP-28	MYST/Esa1-associated factor 6
MCP2	NM_001110792.1	RTT, MRX16, MRX79	methyl-CpG binding protein 2
MFN2	NM_014874.3	CPRP1, KIAA0214, MARF, CMT2A2	mitofusin 2
MGMT	NM_002412.3		O-6-methylguanine-DNA methyltransferase
MMP12	NM_002426.3	HME	matrix metalloproteinase 12
MMP14	NM_004995.2	MT1-MMP	matrix metalloproteinase 14
MMP16	NM_022564.2	C8orf57, MT3-MMP, DKFZp761D112	matrix metalloproteinase 16
MMP19	NM_002429.5	MMP18, RASI-1	matrix metalloproteinase 19
MMP2	NM_004530.2	CLG4, CLG4A, TBE-1	matrix metalloproteinase 2
MMP24	NM_006690.3	MT5-MMP	matrix metalloproteinase 24
MMP9	NM_004994.2	CLG4B	matrix metalloproteinase 9
MMRN2	NM_024756.2	EMILIN3, EndoGlyx-1, FLJ13465	multimerin 2
MNAT1	XM_005267688.1	MAT1, RNF66	MNAT CDK-activating kinase assembly factor 1
MOG	NM_001008228.2	BTN6, BTNL11	myelin oligodendrocyte glycoprotein
MPZ	NM_000530.6	CMT1, CMT1B, HMSNIB, CMT2I, CMT2J	myelin protein zero
MSN	NM_002444.2		moesin
MTA1	NM_004689.2		metastasis associated 1
MTA2	NM_004739.3	MTA1L1, MTA1-L1	metastasis associated 1 family member 2
MTHFR	NM_005957.3		methylenetetrahydrofolate reductase (NAD(P)H)
MTOR	NM_004958.3	FRAP, FRAP2, FRAP1, RAFT1, RAPT1, FLJ44809	mechanistic target of rapamycin (serine/threonine kinase)
MUTYH	NM_001293196.1	MYH	mutY DNA glycosylase
MYC	NM_002467.3	c-Myc, bHLHe39, MYCC	v-myc avian myelocytomatosis viral oncogene homolog
MYCT1	NM_025107.2	MTLC, FLJ21269	myc target 1
MYD88	NM_002468.3		myeloid differentiation primary response 88
MYH10	NM_005964.1	NMMHCB	myosin, heavy chain 10, non-muscle
MYRF	NM_001127392.1	C11orf9, Ndt80, pgn-47, MRF	myelin regulatory factor
NAGLU	NM_000263.3	NAG	N-acetylglucosaminidase, alpha
NAPSA	NM_004851.1	NAP1, NAPA, Kdap, KAP	napsin A aspartic peptidase
NCAM1	NM_000615.5	NCAM, CD56	neural cell adhesion molecule 1
NCF1	NM_000265.4	p47phox, NOXO2, NCF1A, SH3PXD1A	neutrophil cytosolic factor 1
NCL	NM_005381.2	C23	nucleolin
NEFH	NM_021076.3		neurofilament, heavy polypeptide
NEFL	NM_006158.3	NFL, CMT1F, CMT2E, NF68, PPP1R110	neurofilament, light polypeptide
NEGR1	NM_173808.2	KILON, MGC46680, Ntra, IGLON4	neuronal growth regulator 1
NELFA	NM_005663.3	WHSC2, NELF-A	negative elongation factor complex member A
NELL2	NM_006159.1	NRP2	neural EGFL like 2
NEO1	NM_002499.2	NGN, HsT17534, IGDCC2, NTN1R2	neogenin 1
NES	NM_006617.1	FLJ21841	nestin
NF1	NM_000267.2		neurofibromin 1
NFE2L2	NM_006164.3	NRF2	nuclear factor, erythroid 2 like 2
NFKBIA	NM_020529.1	NFKBI, IKBA, MAD-3, IkbapAlph	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha
NFKBIB	NM_002503.3	IKBB, TRIP9	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, beta
NGF	NM_002506.2	NGFB	nerve growth factor (beta polypeptide)
NGFR	NM_002507.3	TNFRSF16, CD271, p75NTR	nerve growth factor receptor
NINJ2	NM_016533.4		ninjurin 2
NKXG-2	NM_177400.2	NKX6B, GTX, NKX6.1	NK6 homeobox 2
NLGN4X	NM_020742.2	NLGN4, KIAA1260, NLGN, HLNX	neuroligin 4, X-linked
NLRP3	NM_001079821.2	C1orf7, CIAS1, AGTAVPRL, AII, AVP, FCAS, FCU, NALP3, PYPAF1, MWS, CLR1.1	NLR family, pyrin domain containing 3
NMB	NM_021077.3	MGC2277, MGC3936, MGC17211	neuromedin B
NME5	NM_003551.2	nm23-H5, RSPH23	NME/NM23 family member 5
NMNAT2	NM_015039.3	C1orf15, KIAA0479, PNAT2	nicotinamide nucleotide adenyllyltransferase 2
NOL3	NM_003946.4	ARC, NOP30, MYP, CARD2	nucleolar protein 3
NOS1	NM_000620.4	NOS, nNOS	nitric oxide synthase 1
NOS2	NM_000625.4	NOS2A, INOS, NOS, HEP-NOS	nitric oxide synthase 2
NOS3	NM_000603.4	ECNOS, eNOS	nitric oxide synthase 3
NOSTRIN	NM_052946.3	MGC20702	nitric oxide synthase trafficking
NOTCH1	NM_017617.3	TAN1	notch 1
NOTCH3	NM_000435.2	CADASIL, CASIL	notch 3
NOTCH4	NM_004557.3	INT3	notch 4
NOVA1	NM_006489.2		neuro-oncological ventral antigen 1
NPAS4	NM_178864.3	PASD10, NXF, Le-PAS, bHLHe79	neuronal PAS domain protein 4
NPC1	NM_000271.3		Niemann-Pick disease, type C1
NPC2	NM_006432.3	HE1, NP-C2, EDDM1	Niemann-Pick disease, type C2
NPTN	NM_012428.2	SDFR1, SDR1, GP55, GP65, np65, np55	neuroplastin
NPY	NM_000905.2	PYY4	neuropeptide Y
NQO1	NM_000903.2	NMOR1, DIA4, DHQU, QR1, DTD	NAD(P)H dehydrogenase, quinone 1

NR4A2	NM_006186.3	NURR1, TINUR, NOT, RNR1, HZF-3	nuclear receptor subfamily 4 group A member 2	
NRG1	NM_013959.2	HGL, NRG1-IT2, HRG, NDF, GGF	neuregulin 1	
NRXN1	NM_001320156.1	KIAA0578, Hs.22998	neurexin 1	sub-maximal transcript coverage due to non-overlapping transcripts
NSF	NM_006178.2	SKD2	N-ethylmaleimide sensitive factor	
NTF3	NM_002527.4	NGF2	neurotrophin 3	
NTNG1	NM_014917.2	KIAA0976, Lmnt1	netrin G1	
NTRK1	NM_001012331.1	TRK, TRKA, MTC	neurotrophic tyrosine kinase, receptor, type 1	
NTS	NM_006183.3		neurotensin	
NWD1	NM_001007525.3		NACT and WD repeat domain containing 1	
OLF3	NM_058170.3	NOE3	olfactomedin 3	
OLIG2	NM_005806.2	PRKCBP2, BHLHB1, RACK17, OLIGO2, bHLHe19	oligodendrocyte lineage transcription factor 2	
OPA1	NM_130837.1	NTG, KIAA0567, FLJ12460, NPG, MGM1	optic atrophy 1 (autosomal dominant)	
OPTN	NM_001008211.1	GLC1E, FIP2, HYPL, FIP-2, TFIIIA-INTP, NRP, HIP7	optineurin	
OSMR	NM_003999.2	OSMRB	oncostatin M receptor	
OXR1	NM_001198535.1	TLDC3	oxidation resistance 1	
P2RX4	NM_001256796.1	P2X4	purinergic receptor P2X 4	
P2RX7	NM_002562.5	P2X7, MGC20089	purinergic receptor P2X 7	
P2RY12	NM_022788.3	P2Y12, SP1999, HORK3	purinergic receptor P2Y12	
PAH	NM_000277.1	PH	phenylalanine hydroxylase	
PAK1	NM_002576.3		p21 protein (Cdc42/Rac)-activated kinase 1	
PALM	NM_001040134.1	KIAA0270	paralemmin	
PARK7	NM_001123377.1	DJ-1, DJ1	parkinson protein 7	
PARP1	NM_001618.3	PPOL, ADPRT, PARP	poly(ADP-ribose) polymerase 1	
PCNA	NM_002592.2		proliferating cell nuclear antigen	
PCSK2	NM_002594.2	NEC2, PC2, SPC2	proprotein convertase subtilisin/kexin type 2	
PDE1B	NM_000924.3	PDES1B	phosphodiesterase 1B	
PDE4D	NM_006203.4	DPDE3	phosphodiesterase 4D	
PDGFRB	NM_002609.3	PDGFR, JTK12, CD140b, PDGFR1	platelet derived growth factor receptor beta	
PDPK1	NM_002613.3	PKD1	3-phosphoinositide dependent protein kinase 1	
PECAM1	NM_000442.3	CD31	platelet/endothelial cell adhesion molecule 1	
PFN1	NM_005022.2		profilin 1	
PGAM1	NM_002629.2	PGAMA, PGAM-B	phosphoglycerate mutase 1	PGAM4 (NM_001029891)
PGK1	NM_000291.2		phosphoglycerate kinase 1	
PHF19	NM_001009936.1	DKFZP727G051, PCL3, MTF2L1, TDRD19B	PHD finger protein 19	sub-maximal transcript coverage due to non-overlapping transcripts
PHF2	NM_005392.3	KIAA0662, JHDM1E, CENP-35	PHD finger protein 2	
PHF21A	NM_016621.3	BHC80, KIAA1696, BM-006	PHD finger protein 21A	
PIK3CA	NM_006218.2	PI3K	phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit alpha	
PIK3CB	NM_006219.1	PIK3C1	phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit beta	
PIK3R1	NM_181504.2	GRB1, p85-ALPHA, p85	phosphoinositide-3-kinase regulatory subunit 1	
PINK1	NM_032409.2	PARK6	PTEN induced putative kinase 1	
PKN1	NM_213560.1	PRKCL1, DBK, PRK1, PKN, MGC46204, PAK1	protein kinase N1	
PLA2G16	NM_007069.3	HRASLS3, HREV107, H-REV107-1, HREV107-3, MGC118754, AdPLA	phospholipase A2 group XVI	
PLA2G2A	NM_000300.2	PLA2B, PLA2L	phospholipase A2 group IIA	
PLA2G2E	NM_014589.1		phospholipase A2 group IIE	
PLA2G2F	NM_022819.3		phospholipase A2 group IIF	
PLA2G4A	NM_024420.2	PLA2G4, cPLA2-alpha	phospholipase A2 group IVA	
PLA2G4B	NM_001114633.1	cPLA2-beta, HsT16992	phospholipase A2 group IVB	
PLA2G4C	NM_001159322.1	cPLA2-gamma	phospholipase A2 group IVC	
PLA2G4D	NM_178034.3	cPLA2delta	phospholipase A2 group IVD	
PLA2G4E	NM_001206670.1	FLJ45651	phospholipase A2 group IVE	
PLA2G4F	NM_213600.2	PLA2G4F/Z	phospholipase A2 group IVF	
PLA2G6	NM_001004426.1	iPLA2, PNPLA9, PARK14, iPLA2beta, NBIA2	phospholipase A2 group VI	
PLCB1	NM_015192.3	KIAA0581, PLC-I, PLC154	phospholipase C beta 1	
PLCB2	NM_004573.2	FLJ38135	phospholipase C beta 2	
PLCB3	NM_000932.1		phospholipase C beta 3	
PLCB4	NM_182797.2		phospholipase C beta 4	
PLCL2	NM_015184.5	PLCE2, KIAA1092	phospholipase C like 2	
PLEKH02	NM_025201.4	PLEKHQ1, DKFZp761K2312, PP1628, pp9099	pleckstrin homology domain containing O2	
PLLP	NM_015993.2	TM4SF11, PMLP	plasmolipin	
PLS1	NM_002670.2	I-plastin, Plastin-1	plastin 1	
PLXNB3	NM_001163257.1	PLXNG, PLEXR, PLEXB3	plexin B3	
PLXNC1	NM_005761.2	VESPR, CD232	plexin C1	
PMP22	NM_000304.3	HNPP, GAS3, Sp110	peripheral myelin protein 22	
PNKD	NM_022572.4	DYTB, PDC, DKFZp564N1362, FPD1, MR-1, BRP17, FKSG19, TAHCCP2, KIAA1184, KIPP1184, MGC31943, PKND1	paroxysmal nonkinesigenic dyskinesia	sub-maximal transcript coverage due to non-overlapping transcripts
POLR2B	NM_000938.1	RPB2	polymerase (RNA) II (DNA directed) polypeptide B, 140kDa	
POLR2H	NM_001278698.1	RPB8	polymerase (RNA) II (DNA directed) polypeptide H	
POLR2J	NM_006234.4	RPB11, hRPB14, RPB11A, RPB11m, POLR2J1	polymerase (RNA) II (DNA directed) polypeptide J, 13.3kDa	
POLR2K	NM_005034.3	RPB10alpha	polymerase (RNA) II (DNA directed) polypeptide K, 7.0kDa	
POLR2L	NM_021128.4	RPB10beta, RBP10, RPABC5, RPB7.6, hRPB7.6, hSRPB10b	polymerase (RNA) II (DNA directed) polypeptide L, 7.6kDa	
PPARGC1A	NM_013261.3	PPARGC1, PGC1, PGC1A, PGC-1alpha	PPARG coactivator 1 alpha	
PPM1L	NM_139245.2	PP2CE	protein phosphatase, Mg2+/Mn2+ dependent 1L	
PPP2CA	NM_002715.2	PP2Calpha	protein phosphatase 2 catalytic subunit alpha	
PPP2R5C	NM_002719.3	B56G, PR61G	protein phosphatase 2 regulatory subunit B', gamma	
PPP2R5E	NM_006246.3		protein phosphatase 2 regulatory subunit B', epsilon	
PPP3CA	NM_000944.4	CALN, CALNA, CNA1, PPP2B	protein phosphatase 3 catalytic subunit alpha	
PPP3CB	NM_021132.2	CALNB, CALNA2, CNA2, PP2Bbeta	protein phosphatase 3 catalytic subunit beta	
PPP3CC	NM_005605.4	CALNA3, PP2Bgamma	protein phosphatase 3 catalytic subunit gamma	
PPT1	NM_000310.3	PPT, CLN1, INCL	palmitoyl-protein thioesterase 1	
PQBP1	NM_001167992.1	RENS1, MRXS8, SHS, MRXS5, MRX2	polyglutamine binding protein 1	
PRF1	NM_005041.3	PPF, P1, HPLH2	perforin 1	
PRKAA2	NM_006252.2	PRKAA, AMPK, AMPKa2	protein kinase AMP-activated catalytic subunit alpha 2	
PRKACA	NM_002730.3	PKAcA	protein kinase cAMP-activated catalytic subunit alpha	
PRKACB	NM_182948.2	PKACb	protein kinase cAMP-activated catalytic subunit beta	
PRKACG	NM_002732.2	PKACg	protein kinase cAMP-activated catalytic subunit gamma	
PRKCA	NM_002737.2	PKCA	protein kinase C alpha	
PRKCB	NM_212535.1	PRKCB2, PKCB, PRKCB1	protein kinase C beta	
PRKCE	NM_005400.2		protein kinase C epsilon	
PRKCG	NM_002739.3	PKCG, SCA14, PKCC, MGC57564	protein kinase C gamma	
PRKCQ	NM_006257.2		protein kinase C theta	
PRKCSH	NM_002743.2	G19P1, PCLD, PLD1	protein kinase C substrate 80K-H	
PRKN	NM_004562.2	PARK2, "Parkinson disease (autosomal recessive, juvenile) 2, parkin", "parkinson protein 2, E3 ubiquitin protein ligase (parkin)"	parkin RBR E3 ubiquitin protein ligase	
PRL	NM_000948.3		prolactin	
PRNP	NM_000311.3	PRIP, GSS, CJD, CD230, PRP, AltPrP	prion protein	
PRPF3	NM_004698.2	RP18, Prp3, hPrp3, SNRNP90	pre-mRNA processing factor 3	
PRPF31	NM_015629.3	RP11, NY-BR-99, PRP31, hPrp31, SNRNP61	pre-mRNA processing factor 31	
PSEN1	NM_000021.2	AD3, FAD, S182, PS1	presenilin 1	
PSEN2	NM_000447.2	AD4, AD3L, STM2, PS2	presenilin 2	
PSMB8	NM_004159.4	LMP7, RING10, D6S216E, PSMB5i, beta5i	proteasome subunit beta 8	
PSMB9	NM_002800.4	LMP2, RING12, beta1i, PSMB6i	proteasome subunit beta 9	
PTDSS1	NM_014754.1	KIAA0024, PSSA, PSS1	phosphatidylserine synthase 1	

PTDSS2	NM_030783.1	PSS2	phosphatidyserine synthase 2
PTEN	NM_000314.4	B2S, MHAM, MMAC1, TEP1, PTEN1	phosphatase and tensin homolog
PTGS2	NM_000963.1	COX2	prostaglandin-endoperoxide synthase 2
PTPRN2	NM_002847.3	KIAA0387, phogrin, ICAAR, IA-2beta	protein tyrosine phosphatase, receptor type N2
PTPRR	NM_001207015.1	PTPRQ, PTPBR7, PTP-SL, EC-PTP, PCPTP1	protein tyrosine phosphatase, receptor type R
PVALB	NM_002854.2	D225749	parvalbumin
RAB2A	NM_002865.1	RAB2	RAB2A, member RAS oncogene family
RAB3A	NM_002866.4		RAB3A, member RAS oncogene family
RAB3C	NM_138453.3		RAB3C, member RAS oncogene family
RAC1	NM_198829.1	TC-25, p21-Rac1, Rac-1	ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)
RAD23B	NM_002874.3	HHR23B, P58, HR23B	RAD23 homolog B, nucleotide excision repair protein
RAF1	NM_002880.2	Raf-1, c-Raf, CRAF	Raf-1 proto-oncogene, serine/threonine kinase
RAN	NM_006325.3	ARA24, TC4, Gsp1	RAN, member RAS oncogene family
RAPGEF2	NM_014247.2	PDZGEF1, PDZ-GEF1, RA-GEF, DKFZP586O1422, KIAA0313	Rap guanine nucleotide exchange factor 2
RASGRP1	NM_005739.3	CalDAG-GEFII, RASGRP	RAS guanyl releasing protein 1
RDX	NM_001260493.1	DFNB24	radixin
RELA	NM_021975.2	NFKB3, p65	v-rel avian reticuloendotheliosis viral oncogene homolog A
RET	NM_020630.4	HSCR1, MEN2A, MTC1, MEN2B, PTC, CDHF12, RETS1, CDHR16	ret proto-oncogene
RHOA	NM_001664.2	ARH12, ARHA, RhoA, Rho12, RHOH12	ras homolog family member A
RIMS1	NM_001168410.1	RAB3IP2, CORD7, RIM, KIAA0340, RIM1	regulating synaptic membrane exocytosis 1
RING1	NM_002931.3	RNF1	ring finger protein 1
RIT2	NM_002930.2	RIN, RIBA	Ras-like without CAAX 2
RRAS	NM_006270.3		related RAS viral (r-ras) oncogene homolog
RTN4	NM_007008.2	NSP-CL, KIAA0886, NOGO, ASY	reticulon 4
RYR1	NM_000540.1	MHS, MHS1, CCO, RYR, PPP1R137	ryanodine receptor 1
RYR2	NM_001035.2	ARVD2, ARVC2, VTSIP	ryanodine receptor 2
RYR3	NM_001036.3		ryanodine receptor 3
S100B	NM_006272.2	S100beta	S100 calcium binding protein B
SART1	NM_005146.4	Ara1, Snu66, SNRNP110	squamous cell carcinoma antigen recognized by T-cells 1
SCAMP2	NM_005697.3		secretory carrier membrane protein 2
SCN1A	NM_006920.4	SCN1, FEB3, Nav1.1, GEFSP2, HBSCI, NAC1, SMEI	sodium voltage-gated channel alpha subunit 1
SCN2A	NM_021007.2	SCN2A1, SCN2A2, Nav1.2, HBSCII, HBSCI	sodium voltage-gated channel alpha subunit 2
SEC23A	NM_006364.2		Sec23 homolog A, COPII coat complex component
SERPINB6	NM_004568.4	PI6, DFNB91, PTI, CAP	serpin peptidase inhibitor, clade B (ovalbumin), member 6
SF3A2	NM_007165.4	SF3a66, SAP62, PRPF11, Prp11	splicing factor 3a subunit 2
SF3B2	NM_006842.2	SAP145, SF3b1, Cus1, SF3b145	splicing factor 3b subunit 2
SF3B4	NM_005850.4	SAP49, SF3b49, Hsh49	splicing factor 3b subunit 4
SGPL1	NM_003901.3	SPL	sphingosine-1-phosphate lyase 1
SH3TC2	NM_024577.3	KIAA1985, CMT4C	SH3 domain and tetratricopeptide repeats 2
SHANK2	NM_133266.3	CORTBP1, CTNBP1, ProSAP1, SHANK, SPANK-3	SH3 and multiple ankyrin repeat domains 2
SHH	NM_000193.3	HPE3, HLP3, HHG1, SMMCI, TPT, TPTPS, MCOPCB5	sonic hedgehog
SIRT1	NM_012238.4	SIRT1	sirtuin 1
SIRT2	NM_012237.3	SIRT2	sirtuin 2
SIRT7	NM_016538.2		sirtuin 7
SLA	NM_001045556.2	SLA1	Src-like-adaptor
SLC11A1	NM_000578.2	LSH, NRAMP, NRAMP1	solute carrier family 11 (proton-coupled divalent metal ion transporter), member 1
SLC12A5	NM_001134771.1	KIAA1176, KC22	solute carrier family 12 (potassium/chloride transporter), member 5
SLC17A6	NM_020346.2	DNPI, VGLUT2	solute carrier family 17 (vesicular glutamate transporter), member 6
SLC18A2	NM_003054.4	VMAT2, SVMT, SVAT	solute carrier family 18 (vesicular monoamine transporter), member 2
SLC18A3	NM_003055.2	VACHT	solute carrier family 18 (vesicular acetylcholine transporter), member 3
SLC1A1	NM_004170.4	EAAC1, EAAT3	solute carrier family 1 (neuronal/epithelial high affinity glutamate transporter, system Xag), member 1
SLC1A2	NM_004171.3	GLT-1, EAAT2	solute carrier family 1 (glial high affinity glutamate transporter), member 2
SLC2A1	NM_006516.2	GLUT1, GLUT, HTLVR, CSE, DYT18, DYT9	solute carrier family 2 (facilitated glucose transporter), member 1
SLC32A1	NM_008052.2	VIAAT, VGAT, bA12201.1	solute carrier family 32 (GABA vesicular transporter), member 1
SLC4A10	NM_001178016.1	NBCn2, NCBE	solute carrier family 4, sodium bicarbonate transporter, member 10
SLC6A3	NM_001044.3	DAT1, DAT	solute carrier family 6 (neurotransmitter transporter), member 3
SLC6A4	NM_001045.2	HTT, OCD1, 5-HTT, SERT1	solute carrier family 6 (neurotransmitter transporter), member 4
SLC8A1	NM_021097.1	NCX1	solute carrier family 8 (sodium/calcium exchanger), member 1
SLC9A6	NM_001042537.1	NHE6, KIAA0267	solute carrier family 9, subfamily A (NHE6, cation proton antiporter 6), member 6
SLU7	NM_006425.4	9G8	SLU7 homolog, splicing factor
SMN1	NM_000344.3	SMA0, SMA, BCD541, SMNT, SMA1, SMA2, SMA3, GEMIN1, TDRD16A	survival of motor neuron 1, telomeric
SMPD4	NM_017751.4	FLJ20297, FLJ20756, nSMase-3, KIAA1418, NSMASE3, NET13	sphingomyelin phosphodiesterase 4
SMYD1	NM_198274.3	BOP, ZMYND22, KMT3D	SET and MYND domain containing 1
SNAP91	NM_001242794.1	KIAA0656, AP180, CALM	synaptosome associated protein 91kDa
SNCA	NM_000345.2	PARK1, PARK4, NACP, PD1, alpha-synuclein	synuclein alpha
SNCAIP	NM_001242935.2	SYPH1	synuclein alpha interacting protein
SNCB	NM_001318034.1		synuclein beta
SNRPA	NM_004596.3	UIA, UI-A, Mud1	small nuclear ribonucleoprotein polypeptide A
SOD1	NM_000454.4	ALS, ALS1, IPOA	superoxide dismutase 1, soluble
SOD2	NM_000636.2		superoxide dismutase 2, mitochondrial
SORCS3	NM_014978.2	KIAA1059, SORCS	sortilin related VPS10 domain containing receptor 3
SORL1	NM_003105.5	C11orf32, gp250, LR11, LRP9, SorLA, SorLA-1	sortilin-related receptor, L(DLR class) A repeats containing
SOX10	NM_006941.3	DOM, WS4, WS2E	SRY-box 10
SOX9	NM_000346.2	CMD1, CMPD1, SRA1	SRY-box 9
SP1	NM_003109.1		Sp1 transcription factor
SP100	NM_003113.3		SP100 nuclear antigen
SPAST	NM_014946.3	SPG4, FSP2, ADPSP, KIAA1083	spastin
SP11	NM_003120.1	PU.1, SPI-A, OF, SFP11, SPI-1	Spi-1 proto-oncogene
SPTBN2	NM_006946.2	SCAS	spectrin beta, non-erythrocytic 2
SQSTM1	NM_003900.3	PDB3, OSIL, p62, p60, p62B, A170	sequestosome 1
SRC	NM_005417.3	SRC1, ASV, c-src	SRC proto-oncogene, non-receptor tyrosine kinase
SRI	NM_003130.2		sorcini
SRSF4	NM_005626.4	SFRS4, SRP75	serine/arginine-rich splicing factor 4
STAB1	NM_015136.2	KIAA0246, STAB-1, FEEL-1, CLEVER-1, FELE-1, FEX1	stabilin 1
STAMBPL1	NM_020799.2	AMSH-LP, KIAA1373, AMSH-FP, FLJ31524, ALMalpha, bA399019.2	STAM binding protein like 1
STAT1	NM_139266.1	STAT91, ISGF-3	signal transducer and activator of transcription 1
STAT3	NM_003150.3	APRF	signal transducer and activator of transcription 3 (acute-phase response factor)
STX1A	NM_001165903.1	STX1, HPC-1, p35-1	syntaxin 1A
STX1B	NM_052874.4	STX1B1, STX1B2	syntaxin 1B
STX2	NM_194356.2	STX2B, STX2C, STX2A, EPIM, EPM	syntaxin 2
SUCLA2	NM_003850.2		succinate-CoA ligase, ADP-forming, beta subunit
SYNJ1	NM_203446.1	INPP5G, PARK20	synaptotagmin 1
SYT1	NM_005639.2	SYT, SVP65, P65	synaptotagmin 1
SYT13	NM_001247987.1	KIAA1427	synaptotagmin 13

sub-maximal transcript coverage due to non-overlapping transcripts

SMN2  
(NM\_022876;NM\_022877;NM\_017411;NM\_022875)

SYT4	NM_020783.3	KIAA1342, HST1192	synaptotagmin 4
SYT7	NM_004200.3	PCANAP7, IPCA-7, SYT-VII, MGC150517	synaptotagmin 7
TAF10	NM_006284.3	TAF2H, TAF2A, TAFI130	TATA-box binding protein associated factor 10
TAF4	NM_003185.3	TAF4A, TAF2C1, TAF2C, TAFI1130, TAFI1135	TATA-box binding protein associated factor 4
TAF4B	NM_005640.1	TAF2C2, TAFI105	TATA-box binding protein associated factor 4b
TAF6L	NM_006473.3	PAF65A	TATA-box binding protein associated factor 6 like
TAF9	NM_001015892.1	TAF2G, TAFI131, TAFI132, TAFI133, MGC5067, CGI-137, MGC1603, MGC3647, AD-004	TATA-box binding protein associated factor 9
TARDBP	NM_007375.3	TDP-43, ALS10	TAR DNA binding protein
TAZ	NR_024048.1	CMD3A, EFE2, EFE, BTH5, XAP-2, G4.5	tafazzin
TBP	NM_001172085.1	GTF2D1, SCA17, TFIID	TATA-box binding protein
TBPL1	NM_001253676.1	TLP, STUD, TRF2, TLF	TATA-box binding protein like 1
TBR1	NM_006593.2		T-box, brain 1
TCERG1	NM_001040006.1	TAF2S, CA150, Urm1	transcription elongation regulator 1
TCIRG1	NM_006053.2	TIRC7, OC-116, OC116, ATP6N1C, Atp6i, a3, ATP6V0A3	T-cell, immune regulator 1, ATPase, H+ transporting, lysosomal V0 subunit A3
TENM2	NM_001122679.1	QDZ2, KIAA1127, Ten-M2	teneurin transmembrane protein 2
TF	NM_001063.2	PRO1557, PRO2086	transferrin
TFAM	NM_003201.1	TCF6, TCF6L2	transcription factor A, mitochondrial
TGFB1	NM_000660.4	TGFB, DPD1, CED, TGFbeta	transforming growth factor beta 1
TGFB2	NM_001024847.1	MFS2	transforming growth factor beta receptor II
TH	NM_000360.3	DYT5b	tyrosine hydroxylase
THY1	NM_006288.2	CD90	Thy-1 cell surface antigen
TIE1	NM_005424.2	TIE, JTK14	tyrosine kinase with immunoglobulin like and EGF like domains 1
TLR2	NM_003264.3	TIL4, CD282	toll like receptor 2
TLR4	NM_138554.2	hToll, CD284, TLR-4, ARMD10	toll like receptor 4
TMEM119	NM_181724.2		transmembrane protein 119
TNC	NM_002160.3	HXB, DFNA56, TN, MGC167029	tenascin C
TNF	NM_000594.2	TNFA, TNFSF2, DIF, TNF-alpha	tumor necrosis factor
TNFRSF10A	NM_003844.2	DR4, Apo2, TRAILR-1, CD261	tumor necrosis factor receptor superfamily member 10a
TNFRSF10B	NM_003842.3	DR5, KILLER, TRICK2A, TRAIL-R2, TRICKB, CD262	tumor necrosis factor receptor superfamily member 10b
TNFRSF10D	NM_003840.3	Dcr2, TRUNDD, TRAILR4, CD264	tumor necrosis factor receptor superfamily member 10d
TNFRSF11B	NM_002546.2	OPG, OCIF, TR1	tumor necrosis factor receptor superfamily member 11b
TNFRSF12A	NM_016639.1	FN14, TweakR, CD266	tumor necrosis factor receptor superfamily member 12a
TNFRSF1A	NM_001065.2	TNFR1, TNF-R, TNFAR, TNFR60, TNF-R-I, CD120a, TNF-R55	tumor necrosis factor receptor superfamily member 1A
TNFRSF1B	NM_001066.2	TNFR2, TNFRB, TNFR80, TNF-R75, TNF-R-II, p75, CD120b	tumor necrosis factor receptor superfamily member 1B
TNR	NM_003285.2		tenascin R
TOR1A	NM_000113.2	DYT1, DQ2	torsin family 1 member A
TP53	NM_000546.2	p53, LFS1	tumor protein p53
TPM1	NM_000366.5	C15orf13, CMH3	tropomyosin 1 (alpha)
TRADD	NM_003789.2	Hs.89862	TNFRSF1A-associated via death domain
TREM1	NM_001242589.1	TREM-1, CD354	triggering receptor expressed on myeloid cells 1
TREM2	NM_018965.3	TREM-2, Trem2a, Trem2b, Trem2c	triggering receptor expressed on myeloid cells 2
TRIM28	NM_005762.2	TIF1B, KAP1, TF1B, RNF96, PPP1R157	tripartite motif containing 28
TRIM37	NM_015294.4	MUL, KIAA0898, POB1, TEF3	tripartite motif containing 37
TRPM2	NM_003307.3	TRPC7, KNP3, LTRPC2, NUDT9L1, NUDT9H, EREG1	transient receptor potential cation channel subfamily M member 2
TRPV1	NM_080706.3	VR1	transient receptor potential cation channel subfamily V member 1
TSPO	NM_000714.4	BZRP, PBR, MBR, PK8S, mDRc, DBI, IBP, pk18	translocator protein
TWISTNB	NM_001002926.1		TWIST neighbor
TXNL1	NM_004786.2	TXNL, TxI, TRP32	thioredoxin like 1
U2AF2	NM_007279.2	U2AF65	U2 small nuclear RNA auxiliary factor 2
UBE2K	NM_005339.4	HIP2, HYPG, UBC1	ubiquitin conjugating enzyme E2K
UBE2N	NM_003348.3	Ubch-ben, UBC13, MGC8489	ubiquitin conjugating enzyme E2N
UBE3A	NM_000462.2	EPVE6AP, HPVE6A, AS, ANCR, EG-AP, FLJ26981	ubiquitin protein ligase E3A
UBQLN1	NM_053067.2	DSK2, PLIC-1, XDRP1, DA41	ubiquilin 1
UCHL1	NM_004181.3	PARK5, GPG9.5, Uch-L1	ubiquitin C-terminal hydrolase 1
UGCG	NM_003358.1	GCS	UDP-glucose ceramide glucosyltransferase
UGT8	NM_003360.3	CGT	UDP glycosyltransferase 8
UNC13A	NM_001080421.2	KIAA1032, Munc13-1	unc-13 homolog A (C. elegans)
USP21	NM_012475.4	USP23, USP16	ubiquitin specific peptidase 21
USP30	NM_032663.3	MGC10702, FLJ40511	ubiquitin specific peptidase 30
VCP	NM_007126.2	IBMPFD, p97	valosin containing protein
VEGFA	NM_001025366.1	VEGF, VEGF-A, VPF	vascular endothelial growth factor A
VIP	NM_003381.2		vasoactive intestinal peptide
WF51	NM_006005.3	DFNA6, DFNA14, DFNA38, DIDMOAD, WFS	Wolfram syndrome 1 (wolframin)
XAB2	NM_020196.2	HCRN, HCRN, SYF1, NTC90	XPA binding protein 2
XBP1	NM_005080.2	XBP2	X-box binding protein 1
XIAP	NM_001204401.1	API3, BIRC4, hILP	X-linked inhibitor of apoptosis
XK	NM_021083.2	NA, NAC, XKR1, Kx, X1k	X-linked Kx blood group
ZNF24	NM_006965.2	ZNF191, ZSCAN3, Zfp191, KOX17	zinc finger protein 24
<b>Internal Reference Genes</b>			
AARS	NM_001605.2	CMT2N	alanyl-tRNA synthetase
ASB7	NM_024708.3		ankyrin repeat and SOCS box containing 7
CCDC127	NM_145265.2	FLJ25701	coiled-coil domain containing 127
CNO10	NM_001256741.1	FLJ12890, FLJ13165	CCR4-NOT transcription complex subunit 10
CSNK2A2	NM_001896.2	CSNK2A1, CK2alpha'	casein kinase 2 alpha 2
FAM104A	NM_032837.2	FLJ14775	family with sequence similarity 104 member A
LARS	NM_020117.9	HSPC192, FLJ10595, FLJ21788, LARS1, LEUS, RNTLS	leucyl-tRNA synthetase
MT01	NM_133645.2		mitochondrial tRNA translation optimization 1
SPT7L	NM_014860.2	STAF65gamma, KIAA0764, SPT7L, STAF65	SPT7-like STAGA complex gamma subunit
TADA2B	NM_152293.2	MGC21874	transcriptional adaptor 2B