		nCounter [®] Glial Profiling Panel - Gene and I		
Official Symbol	Accession	Alias / Previous Symbol		Other targets or Isoform Information
ABCA1	NM_005502.3	ABC1,HDLDT1;ATP-binding cassette, sub-family A (ABC1), member 1	ATP binding cassette subfamily A member 1	
ABCB1	NM_000927.3	PGY1,MDR1,CLCS;colchicin sensitivity,ATP-binding cassette, sub-family B (MDR/TAP), member 1	ATP binding cassette subfamily B member 1	
ABCC3 ABCC8	NM_001144070.1	ATP-binding cassette, sub-family C (CFTR/MRP), member 3 SUR,HRINS;ATP-binding cassette, sub-family C (CFTR/MRP), member 8	ATP binding cassette subfamily C member 3 ATP binding cassette subfamily C member 8	
	NM_000352.4		ATP binding cassette subfamily C member 8 ATP binding cassette subfamily E member 1	
ABCE1	NM_001040876.1	RNASEL1,RNASELI,RNS4I;ATP-binding cassette, sub-family E (OABP), member 1 ATP-binding cassette, sub-family G (WHITE), member 2,ATP-binding cassette, sub-family G (WHITE),	ATP binding cassette subfamily G member 2 (Junior blood	
ABCG2	NM_004827.2	member 2 (Junior blood group)	group)	
ABI2	NM_005759.5	abl-interactor 2	abl interactor 2	
ACADM	NM_000016.5	acyl-Coenzyme A dehydrogenase, C-4 to C-12 straight chain	acyl-CoA dehydrogenase medium chain	
ACADSB	NM_001609.3	acyl-Coenzyme A dehydrogenase, short/branched chain	acyl-CoA dehydrogenase short/branched chain	
ACAT1	NM_000019.3	ACAT;acetyl-Coenzyme A acetyltransferase 1	acetyl-CoA acetyltransferase 1	
	1111_00001313	acetyl-Coenzyme A acetyltransferase 2 (acetoacetyl Coenzyme A thiolase), acetyl-Coenzyme A		
ACAT2	NM_005891.2	acetyltransferase 2	acetyl-CoA acetyltransferase 2	
ACLY	NM_001096.2	,	ATP citrate lyase	
ACOT13	NM 018473.2	THEM2;thioesterase superfamily member 2	acyl-CoA thioesterase 13	
ACSL3	NM_203372.1	FACL3;fatty-acid-Coenzyme A ligase, long-chain 3	acyl-CoA synthetase long chain family member 3	
		FACL4,MRX63,MRX68;fatty-acid-Coenzyme A ligase, long-chain 4,mental retardation, X-linked		
ACSL4	NM_004458.2	63,mental retardation, X-linked 68	acyl-CoA synthetase long chain family member 4	
ADAM22	NM_021723.3	a disintegrin and metalloproteinase domain 22	ADAM metallopeptidase domain 22	
ADAMTS1	NM_006988.3	a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 1	ADAM metallopeptidase with thrombospondin type 1	
ADAR	NM_001025107.1	IFI4,G1P1;interferon-induced protein 4	adenosine deaminase RNA specific	
ADCY1	NM_001281768.1	DFNB44;adenylate cyclase 1 (brain),deafness, autosomal recessive 44	adenylate cyclase 1	
ADCYAP1R1	NM_001118.3	adenylate cyclase activating polypeptide 1 (pituitary) receptor type I	ADCYAP receptor type I	
ADGRA2	NM_032777.9	GPR124;G protein-coupled receptor 124	adhesion G protein-coupled receptor A2	
ADGRG1	NM_005682.4	GPR56;G protein-coupled receptor 56	adhesion G protein-coupled receptor G1	
ADGRL4	NM_022159.3	ELTD1;EGF, latrophilin and seven transmembrane domain containing 1	adhesion G protein-coupled receptor L4	
ADH5	NM_000671.3	FDH; formaldehyde dehydrogenase	alcohol dehydrogenase 5 (class III), chi polypeptide	
ADORA1	NM_000674.1		adenosine A1 receptor	
ADORA2B	NM_000676.2		adenosine A2b receptor	
ADORA3	NM_000677.3		adenosine A3 receptor	
ADRB1	NM_000684.1	ADRB1R;adrenergic, beta-1-, receptor	adrenoceptor beta 1	
AGMO	NM_001004320.1	TMEM195;transmembrane protein 195	alkylglycerol monooxygenase	
AHCYL1	NM_001242674.1	S-adenosylhomocysteine hydrolase-like 1,adenosylhomocysteinase-like 1	adenosylhomocysteinase like 1	
AIF1	NM_032955.1	u alt musica thumana uirel anagana hamalaa 1	allograft inflammatory factor 1	
AKT1	NM_001014432.1	v-akt murine thymoma viral oncogene homolog 1	AKT serine/threonine kinase 1	
AKT3 ALAS1	NM_005465.4 NM_000688.4	v-akt murine thymoma viral oncogene homolog 3 ALAS3,ALAS;aminolevulinate, delta-, synthase 1	AKT serine/threonine kinase 3 5'-aminolevulinate synthase 1	
ALASI ALDH1A1	NM_000689.3		aldehyde dehydrogenase 1 family member A1	
ALDH1L1	NM_012190.2	PUMB1,ALDH1;aldehyde dehydrogenase 1 family, member A1 FTHFD;formyltetrahydrofolate dehydrogenase,aldehyde dehydrogenase 1 family, member L1	aldehyde dehydrogenase 1 family member A1 aldehyde dehydrogenase 1 family member L1	
AMIG01	NM 020703.2	rinro, formytetranydrofolate denydrogenase, aldenyde denydrogenase i farmy, member Ei	adhesion molecule with Ig like domain 1	
AMIG02	NM_001143668.1		adhesion molecule with Ig like domain 2	
AMIGOZ	1111_001145000.1	amphiphysin (Stiff-Mann syndrome with breast cancer 128kD autoantigen), amphiphysin (Stiff-Man	danesion molecule many me domain 2	
AMPH	NM 001635.3	syndrome with breast cancer 128kDa autoantigen)	amphiphysin	
ANAPC1	NM_022662.2	Synarome with breast cancel 120kba autoantigeny	anaphase promoting complex subunit 1	
ANK2	NM_001148.5	LQT4; long (electrocardiographic) QT syndrome 4, ankyrin 2, neuronal	ankyrin 2	
		CCAL2,CMDJ;ankylosis, progressive (mouse) homolog,craniometaphyseal dysplasia, Jackson type		
ANKH	NM_054027.4	(dominant),ankylosis, progressive homolog (mouse)	ANKH inorganic pyrophosphate transport regulator	
AP3M2	NM_001134296.1	adaptor related protein complex 3 mu 2 subunit	adaptor related protein complex 3 subunit mu 2	
APLP2	NM 001642.2	APPL2;amyloid beta (A4) precursor-like protein 2	amyloid beta precursor like protein 2	
APOE	NM_000041.2	AD2;Alzheimer disease 2 (APOE*E4-associated, late onset)	apolipoprotein E	
APP	NM_000484.3	AD1;Alzheimer disease,amyloid beta (A4) precursor protein	amyloid beta precursor protein	
AQP4	NM_004028.4		aquaporin 4	
ARG2	NM_001172.3	arginase, type II	arginase 2	
ARL6IP5	NM_006407.4	ADP-ribosylation factor-like 6 interacting protein 5	ADP ribosylation factor like GTPase 6 interacting protein 5	
ARNTL	NM_001030272.1		aryl hydrocarbon receptor nuclear translocator like	
		actin related protein 2/3 complex, subunit 2 (34 kD), actin related protein 2/3 complex subunit 2,		
ARPC2	NM_152862.1	34kDa	actin related protein 2/3 complex subunit 2	
ARPC5L	NM_030978.3	actin related protein 2/3 complex subunit 5-like	actin related protein 2/3 complex subunit 5 like	
ASNS	NM_183356.2	asparagine synthetase	asparagine synthetase (glutamine-hydrolyzing)	
ASS1	NM_000050.4	ASS;argininosuccinate synthetase	argininosuccinate synthase 1	
ATF2	NM_001256091.1	CREB2;cAMP responsive element binding protein 2	activating transcription factor 2	
		APG12L;Apg12 (autophagy 12, S. cerevisiae)-like,APG12 autophagy 12-like (S. cerevisiae),ATG12		
ATG12	NM_004707.3	autophagy related 12 homolog (S. cerevisiae)	autophagy related 12	
		C14orf103;chromosome 14 open reading frame 103,ATG2 autophagy related 2 homolog B (S.		
ATG2B	NM_018036.5	cerevisiae)	autophagy related 2B	
		APG5L;APG5 (autophagy 5, S. cerevisiae)-like,APG5 autophagy 5-like (S. cerevisiae),ATG5 autophagy		
ATG5	NM_004849.2	related 5 homolog (S. cerevisiae)	autophagy related 5	
ATP1A1	NM_000701.7	ATPase, Na+/K+ transporting, alpha 1 polypeptide	ATPase Na+/K+ transporting subunit alpha 1	
ATP1B1	NM_001677.3	ATP1B;ATPase, Na+/K+ transporting, beta 1 polypeptide	ATPase Na+/K+ transporting subunit beta 1	
COMPANY OF A STREET	NM 001681.3	ATP2B,DAR;ATPase, Ca++ transporting, cardiac muscle, slow twitch 2	ATPase sarcoplasmic/endoplasmic reticulum Ca2+	
ATP2A2				
ATP2A2 ATP2B2	NM_001001331.2	ATPase, Ca++ transporting, plasma membrane 2	ATPase plasma membrane Ca2+ transporting 2	
ATP2B2	NM_001001331.2	ATPase, Ca++ transporting, plasma membrane 2 SCAX1,CLA2;spinocerebellar ataxia, X-linked 1,cerebellar ataxia 2 (X-linked),ATPase, Ca++ transporting,		
		ATPase, Ca++ transporting, plasma membrane 2	ATPase plasma membrane Ca2+ transporting 2 ATPase plasma membrane Ca2+ transporting 3	
ATP2B2 ATP2B3	NM_001001331.2	ATPase, Ca++ transporting, plasma membrane 2 SCAX1,CLA2;spinocerebellar ataxia, X-linked 1,cerebellar ataxia 2 (X-linked),ATPase, Ca++ transporting, plasma membrane 3	ATPase plasma membrane Ca2+ transporting 3	
ATP2B2 ATP2B3 ATP2B4	NM_001001331.2 NM_001001344.2 NM_001684.4	ATPase, Ca++ transporting, plasma membrane 2 SCAX1,CLA2;spinocerebellar ataxia, X-linked 1,cerebellar ataxia 2 (X-linked),ATPase, Ca++ transporting, plasma membrane 3 ATP2B2,MXRA1;matrix-remodelling associated 1,ATPase, Ca++ transporting, plasma membrane 4	ATPase plasma membrane Ca2+ transporting 3 ATPase plasma membrane Ca2+ transporting 4	
ATP2B2 ATP2B3	NM_001001331.2	ATPase, Ca++ transporting, plasma membrane 2 SCAXJ,CLA2;spinocerebellar ataxia, X-linked 1,cerebellar ataxia 2 (X-linked),ATPase, Ca++ transporting, plasma membrane 3 ATP2B2,MXRA1;matrix-remodelling associated 1,ATPase, Ca++ transporting, plasma membrane 4 ATP5B,ATP5B;ATP synthase, I++ transporting, mitochondrial F1 complex, beta polypeptide	ATPase plasma membrane Ca2+ transporting 3	
ATP2B2 ATP2B3 ATP2B4	NM_001001331.2 NM_001001344.2 NM_001684.4	ATPase, Ca++ transporting, plasma membrane 2 SCAXI, CLA2;spinoccerebellar ataxia, X-linked 1,cerebellar ataxia 2 (X-linked),ATPase, Ca++ transporting, plasma membrane 3 ATP2B2,MXRA1;matrix-remodelling associated 1,ATPase, Ca++ transporting, plasma membrane 4 ATP5B3,ATP Synthase, H+ transporting, mitochondrial F1 complex, beta polypeptide ATP5G3,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit c (subunit 9) isoform 3,ATP	ATPase plasma membrane Ca2+ transporting 3 ATPase plasma membrane Ca2+ transporting 4	
ATP2B2 ATP2B3 ATP2B4	NM_001001331.2 NM_001001344.2 NM_001684.4	ATPase, Ca++ transporting, plasma membrane 2 SCAX1,CLA2;spinocerebellar ataxia, X-linked 1,cerebellar ataxia 2 (X-linked),ATPase, Ca++ transporting, plasma membrane 3 ATP2B2,MXRA1;matrix-remodelling associated 1,ATPase, Ca++ transporting, plasma membrane 4 ATP5B,ATP5B;ATP synthase, H+ transporting, mitochondrial F1 complex, beta polyceptide ATP5G3;ATP synthase, H+ transporting, mitochondrial F0 complex, subunit 0, isoform 3,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9),ATP synthase, H+	ATPase plasma membrane Ca2+ transporting 3 ATPase plasma membrane Ca2+ transporting 4	
ATP2B2 ATP2B3 ATP2B4 ATP5F1B	NM_001001331.2 NM_001001344.2 NM_001684.4 NM_001686.3	ATPase, Ca++ transporting, plasma membrane 2 SCAX1, CLA2; spinocerebellar ataxia, X-linked 1, cerebellar ataxia 2 (X-linked), ATPase, Ca++ transporting, plasma membrane 3 ATP2B2, MXRA1; matrix-remodelling associated 1, ATPase, Ca++ transporting, plasma membrane 4 ATP5B3, ATP5B3, ATP Synthase, H+ transporting, mitochondrial F1 complex, beta polypeptide ATP5G3; ATP Synthase, H+ transporting, mitochondrial F0 complex, subunit c (subunit 9) isoform 3, ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C (subunit 9), ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9), ATP synthase, H+ transporting,	ATPase plasma membrane Ca2+ transporting 3 ATPase plasma membrane Ca2+ transporting 4 ATP synthase F1 subunit beta	
ATP2B2 ATP2B3 ATP2B4	NM_001001331.2 NM_001001344.2 NM_001684.4	ATPase, Ca++ transporting, plasma membrane 2 SCAX1,CLA2;spinocerebellar ataxia, X-linked 1,cerebellar ataxia 2 (X-linked),ATPase, Ca++ transporting, plasma membrane 3 ATP2B2,MXRA1;matrix-remodelling associated 1,ATPase, Ca++ transporting, plasma membrane 4 ATP5B,ATP5B;ATP synthase, H+ transporting, mitochondrial F1 complex, beta polyceptide ATP5G3;ATP synthase, H+ transporting, mitochondrial F0 complex, subunit 0, isoform 3,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9),ATP synthase, H+	ATPase plasma membrane Ca2+ transporting 3 ATPase plasma membrane Ca2+ transporting 4	
ATP2B2 ATP2B3 ATP2B4 ATP5F1B	NM_001001331.2 NM_001001344.2 NM_001684.4 NM_001686.3	ATPase, Ca++ transporting, plasma membrane 2 SCAX1,CLA2;spinocerebellar ataxia, X-linked 1,cerebellar ataxia 2 (X-linked),ATPase, Ca++ transporting, plasma membrane 3 ATP282,MXRA1;matrix-remodelling associated 1,ATPase, Ca++ transporting, plasma membrane 4 ATP583,ATP Synthase, H+ transporting, mitochondrial F1 complex, beta polypeptide ATP573,4TP synthase, H+ transporting, mitochondrial F2 complex, subunit c (subunit 9) isoform 3,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9),ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9),ATP synthase, H+ transporting, mitochondrial F0 complex subunit C3 (subunit 9).	ATPase plasma membrane Ca2+ transporting 3 ATPase plasma membrane Ca2+ transporting 4 ATP synthase F1 subunit beta	
ATP2B2 ATP2B3 ATP2B4 ATP5F1B	NM_001001331.2 NM_001001344.2 NM_001684.4 NM_001686.3	ATPase, Ca++ transporting, plasma membrane 2 SCAX1, CLA2; spinocerebellar ataxia, X-linked 1, cerebellar ataxia 2 (X-linked), ATPase, Ca++ transporting, plasma membrane 3 ATP2B2, MXRA1; matrix-remodelling associated 1, ATPase, Ca++ transporting, plasma membrane 4 ATP583, ATP Synthase, H+ transporting, mitochondrial F1 complex, beta polypeptide ATP5G3; ATP synthase, H+ transporting, mitochondrial F0 complex, subunit c (subunit 9) isoform 3, ATP synthase, H+ transporting, mitochondrial F0 complex, subunit c (subunit 9), ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9), ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9), ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9)	ATPase plasma membrane Ca2+ transporting 3 ATPase plasma membrane Ca2+ transporting 4 ATP synthase F1 subunit beta	
ATP282 ATP283 ATP284 ATP5F18 ATP5MC3	NM_001001331.2 NM_001001344.2 NM_001684.4 NM_001686.3 NM_001002258.4	ATPase, Ca++ transporting, plasma membrane 2 SCAX1,CLA2;spinoccerebellar ataxia, X-linked 1,cerebellar ataxia 2 (X-linked),ATPase, Ca++ transporting, plasma membrane 3 ATP2B2,MXRA1;matrix-remodelling associated 1,ATPase, Ca++ transporting, plasma membrane 4 ATP5G3,ATP synthase, H+ transporting, mitochondrial F1 complex, beta polypeptide ATP5G3,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit c3 (subunit 9),ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9),ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9),ATP synthase, H+ transporting, mitochondrial F0 complex, subunit 9) ATP5F1;ATP synthase, H+ transporting, mitochondrial F0 complex, subunit b, isoform 1,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1,ATP synthase, H+ transporting, mitochondrial	ATPase plasma membrane Ca2+ transporting 3 ATPase plasma membrane Ca2+ transporting 4 ATP synthase F1 subunit beta ATP synthase membrane subunit c locus 3	
ATP2B2 ATP2B3 ATP2B4 ATP5F1B	NM_001001331.2 NM_001001344.2 NM_001684.4 NM_001686.3	ATPase, Ca++ transporting, plasma membrane 2 SCAX1,CLA2;spinocerebellar ataxia, X-linked 1,cerebellar ataxia 2 (X-linked),ATPase, Ca++ transporting, plasma membrane 3 ATP2B2,MXRA1;matrix-remodelling associated 1,ATPase, Ca++ transporting, plasma membrane 4 ATP5B3,ATP Synthase, H+ transporting, mitochondrial F1 complex, beta polypeptide ATP5G3,ATP Synthase, H+ transporting, mitochondrial F0 complex, subunit C (subunit 9) isoform 3,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C (subunit 9),ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9),ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9) ATP5F1;ATP synthase, H+ transporting, mitochondrial F0 complex, subunit b, isoform 1,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1	ATPase plasma membrane Ca2+ transporting 3 ATPase plasma membrane Ca2+ transporting 4 ATP synthase F1 subunit beta	
ATP282 ATP283 ATP284 ATP5F18 ATP5MC3	NM_001001331.2 NM_001001344.2 NM_001684.4 NM_001686.3 NM_001002258.4	ATPase, Ca++ transporting, plasma membrane 2 SCAX1, CLA2;spinocerebellar ataxia, X-linked 1,cerebellar ataxia 2 (X-linked),ATPase, Ca++ transporting, plasma membrane 3 ATP2B2,MXRA1;matrix-remodelling associated 1,ATPase, Ca++ transporting, plasma membrane 4 ATP5B3,ATPS5B,ATP synthase, H+ transporting, mitochondrial F1 complex, beta polypeptide ATP5G3;ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C (subunit 9) isoform 3,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C (subunit 9),ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C 3 (subunit 9),ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C 3, Mubint 9),ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C 3 (subunit 9) ATP5F1;ATP synthase, H+ transporting, mitochondrial F0 complex, subunit b, isoform 1,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1,ATP synthase, H+ transporting, mitochondrial F0 ATP65;ATPase, H+ transporting, lysosomal (vacuolar proton pump), member 0,ATPase, H+	ATPase plasma membrane Ca2+ transporting 3 ATPase plasma membrane Ca2+ transporting 4 ATP synthase F1 subunit beta ATP synthase membrane subunit c locus 3	
ATP282 ATP283 ATP284 ATP5F18 ATP5MC3 ATP5P8	NM_001001331.2 NM_001001344.2 NM_001684.4 NM_001686.3 NM_001002258.4 NM_001688.4	ATPase, Ca++ transporting, plasma membrane 2 SCAX1,CLA2;spinoccrebellar ataxia, X-linked 1,cerebellar ataxia 2 (X-linked),ATPase, Ca++ transporting, plasma membrane 3 ATP2B2,MXRA1;matrix-remodelling associated 1,ATPase, Ca++ transporting, plasma membrane 4 ATP5B3,ATP synthase, H+ transporting, mitochondrial F1 complex, beta polypeptide ATP5G3,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9),ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9),ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9),ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9),ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9),ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1 ATP6D;ATPase, H+ transporting, lysosomal (vacuolar proton pump), member D,ATPase, H+ transporting, lysosomal 38kDa, V0 subunit d1 soform 1,ATPase, H+ transporting, lysosomal 38kDa, V0	ATPase plasma membrane Ca2+ transporting 3 ATPase plasma membrane Ca2+ transporting 4 ATP synthase F1 subunit beta ATP synthase membrane subunit c locus 3 ATP synthase peripheral stalk-membrane subunit b	
ATP282 ATP283 ATP284 ATP5F18 ATP5MC3	NM_001001331.2 NM_001001344.2 NM_001684.4 NM_001686.3 NM_001002258.4	ATPase, Ca++ transporting, plasma membrane 2 SCAX1,CLA2;spinocerebellar ataxia, X-linked 1,cerebellar ataxia 2 (X-linked),ATPase, Ca++ transporting, plasma membrane 3 ATP2B2,MXRA1;matrix-remodelling associated 1,ATPase, Ca++ transporting, plasma membrane 4 ATP553,ATP Synthase, H+ transporting, mitochondrial F1 complex, beta polypeptide ATP553,PTP Synthase, H+ transporting, mitochondrial F1 complex, subunit 2 (subunit 9), Stofma 3,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9), ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9), ATP synthase, H+ transporting, mitochondrial F0 complex, subunit 60 complex, subunit b, isoform 1,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1, ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1, ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1 ATP65/ATPase, H+ transporting, lyosomal (Vacuolar proton pump), member D,ATPase, H+ transporting, lyosomal 38kDa, V0 subunit d1 soform 1,ATPase, H+ transporting, lyosomal 38kDa, V0 subunit D1,ATPase, H+ transporting, Vasoumal 38kDa, V0 subunit d1	ATPase plasma membrane Ca2+ transporting 3 ATPase plasma membrane Ca2+ transporting 4 ATP synthase F1 subunit beta ATP synthase membrane subunit c locus 3	
ATP282 ATP283 ATP284 ATP5F18 ATP5MC3 ATP5P8 ATP6V0D1	NM_001001331.2 NM_001001344.2 NM_001684.4 NM_001686.3 NM_001002258.4 NM_001688.4 NM_001688.4	ATPase, Ca++ transporting, plasma membrane 2 SCAX1, CLA2;spinocerebellar ataxia, X-linked 1,cerebellar ataxia 2 (X-linked),ATPase, Ca++ transporting, plasma membrane 3 ATP2B2,MXRA1;matrix-remodelling associated 1,ATPase, Ca++ transporting, plasma membrane 4 ATP2B3,ATPS8,ATP synthase, H+ transporting, mitochondrial F1 complex, beta polypeptide ATP563;ATP synthase, H+ transporting, mitochondrial F0 complex, subunit 2 (subunit 9), Soform 3,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9), ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9), ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9), ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9) ATP5F1;ATP synthase, H+ transporting, mitochondrial F0 complex, subunit b, isoform 1,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1,ATP synthase, H+ transporting, mitochondrial F0 ATP650;ATPase, H+ transporting, lysosomal (vacuolar proton pump), member D,ATPase, H+ transporting, lysosomal 38kDa, V0 subunit d1 VPP2,ATP654,IATP654,IATP64	ATPase plasma membrane Ca2+ transporting 3 ATPase plasma membrane Ca2+ transporting 4 ATP synthase F1 subunit beta ATP synthase membrane subunit c locus 3 ATP synthase peripheral stalk-membrane subunit b ATPase H+ transporting V0 subunit d1	
ATP282 ATP283 ATP284 ATP5F18 ATP5MC3 ATP5P8	NM_001001331.2 NM_001001344.2 NM_001684.4 NM_001686.3 NM_001002258.4 NM_001688.4	ATPase, Ca++ transporting, plasma membrane 2 SCAX1,CLA2;spinocerebellar ataxia, X-linked 1,cerebellar ataxia 2 (X-linked),ATPase, Ca++ transporting, plasma membrane 3 ATP5B2,MXRA1;matrix-remodelling associated 1,ATPase, Ca++ transporting, plasma membrane 4 ATP5B3,ATP5B;ATP synthase, H+ transporting, mitochondrial F1 complex, beta polypeptide ATP5G3,ATP Synthase, H+ transporting, mitochondrial F0 complex, subunit C (subunit 9), Soform 3,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C (subunit 9), Soform 3,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9), ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9) ATP5F1;ATP synthase, H+ transporting, mitochondrial F0 complex, subunit b, isoform 1,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1, ATP synthase, H+ transporting, wisosomal 38kba, V0 subunit D1,ATPase, H+ transporting, lysosomal 38kba, V0 subunit D1,ATPase, H+ transporting, lysosomal 38kba, V0 subunit D1, VP2,ATF6A1,ATF6V1A1;ATPase, H+ transporting, lysosomal 38kba, V0 subunit A VP2,ATF6A1,ATF6V1A1;ATPase, H+ transporting, lysosomal 70kba, V1 subunit A	ATPase plasma membrane Ca2+ transporting 3 ATPase plasma membrane Ca2+ transporting 4 ATP synthase F1 subunit beta ATP synthase membrane subunit c locus 3 ATP synthase peripheral stalk-membrane subunit b ATPase H+ transporting V0 subunit d1 ATPase H+ transporting V1 subunit A	
ATP282 ATP283 ATP284 ATP5F18 ATP5MC3 ATP5P8 ATP6V0D1	NM_001001331.2 NM_001001344.2 NM_001684.4 NM_001686.3 NM_001002258.4 NM_001688.4 NM_001688.4	ATPase, Ca++ transporting, plasma membrane 2 SCAX1,CLA2;spinocerebellar ataxia, X-linked 1,cerebellar ataxia 2 (X-linked),ATPase, Ca++ transporting, plasma membrane 3 ATP2B2,MXRA1;matrix-remodelling associated 1,ATPase, Ca++ transporting, plasma membrane 4 ATP553,ATP Synthase, H+ transporting, mitochondrial F1 complex, beta polypeptide ATP553,ATP Synthase, H+ transporting, mitochondrial F1 complex, beta polypeptide ATP553,TP Synthase, H+ transporting, mitochondrial F1 complex, subunit 0; Subunit 9) isoform 3,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9),ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9),ATP synthase, H+ transporting, mitochondrial F0 complex, subunit 81,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit 81,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit 81, ATP65; subunit 81,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit 81,ATP synthase, H+ transporting, hysosomal (vacuolar proton pump), member D,ATPase, H+ transporting, lysosomal 38kDa, V0 subunit 10, L7Pase, H+ transporting, lysosomal (vacuolar proton pump), alpha polypeptide, 70kD, isoform 1,ATPase, H+ transporting, lysosomal 70kDa, V1 subunit A VPP3,ATP662,ATPase, H+ transporting, lysosomal 70kDa, V1 subunit A	ATPase plasma membrane Ca2+ transporting 3 ATPase plasma membrane Ca2+ transporting 4 ATP synthase F1 subunit beta ATP synthase membrane subunit c locus 3 ATP synthase peripheral stalk-membrane subunit b ATPase H+ transporting V0 subunit d1 ATPase H+ transporting V1 subunit A	
ATP282 ATP283 ATP284 ATP5F18 ATP5MC3 ATP5P8 ATP6V0D1 ATP6V1A	NM_001001331.2 NM_001001344.2 NM_001684.4 NM_001686.3 NM_001002258.4 NM_001688.4 NM_001688.4 NM_004691.4 NM_001690.2	ATPase, Ca++ transporting, plasma membrane 2 SCAX1, CLA2;spinocerebellar ataxia, X-linked 1,cerebellar ataxia 2 (X-linked),ATPase, Ca++ transporting, plasma membrane 3 ATP2B2,MXRA1;matrix-remodelling associated 1,ATPase, Ca++ transporting, plasma membrane 4 ATP2B2,MXRA1;matrix-remodelling associated 1,ATPase, Ca++ transporting, plasma membrane 4 ATP2B3,ATPS8,ATP synthase, H+ transporting, mitochondrial F1 complex, beta polypeptide ATP563;ATP synthase, H+ transporting, mitochondrial F0 complex, subunit 2 (subunit 9),ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9),ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9),ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9),ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1 ATP561,ATPase, H+ transporting, lysosomal (vacuolar proton pump), member D,ATPase, H+ transporting, lysosomal 38kDa, V0 subunit d1 soform 1,ATPase, H+ transporting, lysosomal 38kDa, V0 subunit D1,ATPase, H+ transporting, lysosomal 38kDa, V0 subunit d1 VPP2,ATP661,ATP6V1A1;ATPase, H+ transporting, lysosomal 38kDa, V0 subunit D4, ATP8AB, H+ transporting, lysosomal 38kDa, V0 subunit A1,ATP8AB, H+ transporting, lysosomal 38kDa, V0 subunit A1,ATP8AB	ATPase plasma membrane Ca2+ transporting 3 ATPase plasma membrane Ca2+ transporting 4 ATP synthase F1 subunit beta ATP synthase membrane subunit c locus 3 ATP synthase peripheral stalk-membrane subunit b ATPase H+ transporting V0 subunit d1 ATPase H+ transporting V1 subunit A	
ATP2B2 ATP2B3 ATP2B4 ATP5F1B ATP5MC3 ATP5PB ATP6V0D1 ATP6V1A	NM_001001331.2 NM_001001344.2 NM_001684.4 NM_001686.3 NM_001002258.4 NM_001688.4 NM_001688.4	ATPase, Ca++ transporting, plasma membrane 2 SCAX1,CLA2;spinocerebellar ataxia, X-linked 1,cerebellar ataxia 2 (X-linked),ATPase, Ca++ transporting, plasma membrane 3 ATP5B2,MXRA1;matrix-remodelling associated 1,ATPase, Ca++ transporting, plasma membrane 4 ATP5B3,ATP5B;ATP synthase, H+ transporting, mitochondrial F1 complex, beta polypeptide ATP5G3,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C (subunit 9), Stofmar 3,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C (subunit 9), Stofmar 3,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9, JATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9), ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9) ATP5F1;ATP synthase, H+ transporting, mitochondrial F0 complex, subunit b, isoform 1,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1, ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1 ATP6D;ATPase, H+ transporting, lysosomal (vacuolar proton pump), member D,ATPase, H+ transporting, lysosomal 38kba, V0 subunit d1 soform 1,ATPase, H+ transporting, lysosomal 38kba, V0 subunit D1,ATPase, H+ transporting, lysosomal (vacuolar proton pump), alpha polypeptide, 70kD, isoform 1,ATPase, H+ transporting, lysosomal (vacuolar proton pump), beta polypeptide, 56/58kD isoform 2,ATPase, H+ transporting, lysosomal 16/268kDa, V1 subunit A VPP3,ATF6B2,ATPase, H+ transporting, lysosomal 16/268kDa, V1 subunit A	ATPase plasma membrane Ca2+ transporting 3 ATPase plasma membrane Ca2+ transporting 4 ATP synthase F1 subunit beta ATP synthase membrane subunit c locus 3 ATP synthase peripheral stalk-membrane subunit b ATPase H+ transporting V0 subunit d1 ATPase H+ transporting V1 subunit A	
ATP2B2 ATP2B3 ATP2B4 ATP5F1B ATP5MC3 ATP5PB ATP6V0D1 ATP6V1A	NM_001001331.2 NM_001001344.2 NM_001684.4 NM_001686.3 NM_001002258.4 NM_001688.4 NM_001688.4 NM_004691.4 NM_001690.2	ATPase, Ca++ transporting, plasma membrane 2 SCAX1, CLA2;spinocerebellar ataxia, X-linked 1,cerebellar ataxia 2 (X-linked),ATPase, Ca++ transporting, plasma membrane 3 ATP2B2,MXRA1;matrix-remodelling associated 1,ATPase, Ca++ transporting, plasma membrane 4 ATP553,ATP58;ATP synthase, H+ transporting, mitochondrial F1 complex, beta polypeptide ATP553,ATP synthase, H+ transporting, mitochondrial F1 complex, subunit c1 (subunit 9) isoform 3,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9),ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9),ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9),ATP synthase, H+ transporting, mitochondrial F0 complex, subunit 81,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1,ATP synthase, H+ transporting, mitochondrial ATP6D;ATPase, H+ transporting, witochondrial F0 complex, subunit B1, ATP6D;ATPase, H+ transporting, visuosmal (vacuolar proton pump), member D,ATPase, H+ transporting, lysosomal 38kDa, V0 subunit d1 isoform 1,ATPase, H+ transporting, lysosomal 38kDa, V0 subunit D,1ATPase, H+ transporting, lysosomal (vacuolar proton pump), apha polypeptide, 70kD, isoform 1,ATPase, H+ transporting, lysosomal 70kDa, V1 Subunit A1 VPP3,ATF6E,XTPase, H+ transporting, lysosomal 38kDa, V0 subunit A1 VPP3,ATF6E,XTPase, H+ transporting, lysosomal 38kDa, V1 subunit A XTP83, LATP65, LATP65, L+ transporting, lysosomal 38kDa, V1 subunit A XTP83, LATP65, LATP65, L+ transporting, lysosomal 38kDa, V3 subunit A1 XTP83, LATP65, L+ transporting, lysosomal 38kDa, V1 subunit A XTP83, LATP65, LATP65, L+ transporting, lysosomal 38kDa, V1 subunit A XTP83, LATP65, LATP65, L+ transporting, lysosomal 38kDa, V1 subunit B2 ATP65, LATP65, L+ transporting, lysosomal 56/58kDa, V1 subunit B2 ATP65, LATP65, L+ transporting, lysosomal Vacuolar proton pump), 2kD, ATPase, H+ transporting, lysosomal 56/58kDa, V1 subunit B2 ATP65, LATP65, L+ transporting, lysosomal ly acuolar proton pump) 42kD,	ATPase plasma membrane Ca2+ transporting 3 ATPase plasma membrane Ca2+ transporting 4 ATP synthase F1 subunit beta ATP synthase membrane subunit c locus 3 ATP synthase peripheral stalk-membrane subunit b ATPase H+ transporting V0 subunit d1 ATPase H+ transporting V1 subunit A	
ATP2B2 ATP2B3 ATP2B4 ATP5F1B ATP5MC3 ATP5PB ATP6V0D1 ATP6V1A	NM_001001331.2 NM_001001344.2 NM_001684.4 NM_001686.3 NM_001002258.4 NM_001688.4 NM_001688.4 NM_004691.4 NM_001690.2	ATPase, Ca++ transporting, plasma membrane 2 SCAX1,CLA2;spinocerebellar ataxia, X-linked 1,cerebellar ataxia 2 (X-linked),ATPase, Ca++ transporting, plasma membrane 3 ATP5B2,MXRA1;matrix-remodelling associated 1,ATPase, Ca++ transporting, plasma membrane 4 ATP5B3,ATP5B;ATP synthase, H+ transporting, mitochondrial F1 complex, beta polypeptide ATP5G3,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C (subunit 9), Stofmar 3,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C (subunit 9), Stofmar 3,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9, JATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9), ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9) ATP5F1;ATP synthase, H+ transporting, mitochondrial F0 complex, subunit b, isoform 1,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1, ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1 ATP6D;ATPase, H+ transporting, lysosomal (vacuolar proton pump), member D,ATPase, H+ transporting, lysosomal 38kba, V0 subunit d1 soform 1,ATPase, H+ transporting, lysosomal 38kba, V0 subunit D1,ATPase, H+ transporting, lysosomal (vacuolar proton pump), alpha polypeptide, 70kD, isoform 1,ATPase, H+ transporting, lysosomal (vacuolar proton pump), beta polypeptide, 56/58kD isoform 2,ATPase, H+ transporting, lysosomal 16/268kDa, V1 subunit A VPP3,ATF6B2,ATPase, H+ transporting, lysosomal 16/268kDa, V1 subunit A	ATPase plasma membrane Ca2+ transporting 3 ATPase plasma membrane Ca2+ transporting 4 ATP synthase F1 subunit beta ATP synthase membrane subunit c locus 3 ATP synthase peripheral stalk-membrane subunit b ATPase H+ transporting V0 subunit d1 ATPase H+ transporting V1 subunit A	
ATP2B2 ATP2B3 ATP2B4 ATP5F1B ATP5MC3 ATP5PB ATP6V0D1 ATP6V1A ATP6V1B2	NM_001001331.2 NM_001001344.2 NM_001684.4 NM_001686.3 NM_001002258.4 NM_001688.4 NM_001688.4 NM_004691.4 NM_001690.2	ATPase, Ca++ transporting, plasma membrane 2 SCAX1, CLA2;spinocerebellar ataxia, X-linked 1,cerebellar ataxia 2 (X-linked),ATPase, Ca++ transporting, plasma membrane 3 ATP2B2,MXRA1;matrix-remodelling associated 1,ATPase, Ca++ transporting, plasma membrane 4 ATP553,ATP58;ATP synthase, H+ transporting, mitochondrial F1 complex, beta polypeptide ATP553,ATP synthase, H+ transporting, mitochondrial F1 complex, subunit c1 (subunit 9) isoform 3,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9),ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9),ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9),ATP synthase, H+ transporting, mitochondrial F0 complex, subunit 81,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1,ATP synthase, H+ transporting, mitochondrial ATP6D;ATPase, H+ transporting, witochondrial F0 complex, subunit B1, ATP6D;ATPase, H+ transporting, visuosmal (vacuolar proton pump), member D,ATPase, H+ transporting, lysosomal 38kDa, V0 subunit d1 isoform 1,ATPase, H+ transporting, lysosomal 38kDa, V0 subunit D,1ATPase, H+ transporting, lysosomal (vacuolar proton pump), apha polypeptide, 70kD, isoform 1,ATPase, H+ transporting, lysosomal 70kDa, V1 Subunit A1 VPP3,ATF6E,XTPase, H+ transporting, lysosomal 38kDa, V0 subunit A1 VPP3,ATF6E,XTPase, H+ transporting, lysosomal 38kDa, V1 subunit A XTP83, LATP65, LATP65, L+ transporting, lysosomal 38kDa, V1 subunit A XTP83, LATP65, LATP65, L+ transporting, lysosomal 38kDa, V3 subunit A1 XTP83, LATP65, L+ transporting, lysosomal 38kDa, V1 subunit A XTP83, LATP65, LATP65, L+ transporting, lysosomal 38kDa, V1 subunit A XTP83, LATP65, LATP65, L+ transporting, lysosomal 38kDa, V1 subunit B2 ATP65, LATP65, L+ transporting, lysosomal 56/58kDa, V1 subunit B2 ATP65, LATP65, L+ transporting, lysosomal Vacuolar proton pump), 2kD, ATPase, H+ transporting, lysosomal 56/58kDa, V1 subunit B2 ATP65, LATP65, L+ transporting, lysosomal ly acuolar proton pump) 42kD,	ATPase plasma membrane Ca2+ transporting 3 ATPase plasma membrane Ca2+ transporting 4 ATP synthase F1 subunit beta ATP synthase membrane subunit c locus 3 ATP synthase peripheral stalk-membrane subunit b ATPase H+ transporting V0 subunit d1 ATPase H+ transporting V1 subunit A	
ATP2B2 ATP2B3 ATP2B4 ATP5F1B ATP5MC3 ATP5PB ATP6V0D1 ATP6V1A ATP6V1B2	NM_001001331.2 NM_001001344.2 NM_001684.4 NM_001686.3 NM_001002258.4 NM_001688.4 NM_001688.4 NM_001691.4 NM_001693.3	ATPase, Ca++ transporting, plasma membrane 2 SCAX1, CLA2;spinocerebellar ataxia, X-linked 1,cerebellar ataxia 2 (X-linked),ATPase, Ca++ transporting, plasma membrane 3 ATP2B2,MXRA1;matrix-remodelling associated 1,ATPase, Ca++ transporting, plasma membrane 4 ATP2B3,ATPSB,ATP synthase, H+ transporting, mitochondrial F1 complex, beta polypeptide ATP5B3,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit 1 (subunit 9),ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9),ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9),ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9),ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9),ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1,ATP synthase, H+ transporting, mitochondrial F0 ATP5F1;ATP synthase, H+ transporting, lysosomal (vacuolar proton pump), member D,ATPase, H+ transporting, lysosomal 38kDa, V0 subunit d1 soform 1,ATP sec, H+ transporting, lysosomal 38kDa, V0 subunit D1,ATPase, H+ transporting, lysosomal (vacuolar proton pump), alpha polypeptide, 70kD, isoform 1,ATPase, H+ transporting, lysosomal 70kDa, V1 subunit A VPP3,ATP66A1,ATP6V1A1;ATPase, H+ transporting, lysosomal 70kDa, V1 subunit A VPP3,ATP66A1,ATP6V1A1;ATPase, H+ transporting, lysosomal 70kDa, V1 subunit A VPP3,ATP66A1,ATP6V1A1;ATPase, H+ transporting, lysosomal 36kDa, V0 subunit A VPP3,ATP66A1,ATP6V1A1;ATPase, H+ transporting, lysosomal 70kDa, V1 subunit A VPP3,ATP66A1,ATP6V1A1;ATPase, H+ transporting, lysosomal 70kDa, V1 subunit A VPP3,ATP66A1,ATP6V1A1;ATPase, H+ transporting, lysosomal 36kDa, V3 subunit A ATP6D,ATP6C;ATPase, H+ transporting, lysosomal 36kDa, V3 subunit A VPA3,ATP66A2,ATP6SV,ATP3SV,H+ transporting, lysosomal 36,S5kNa, V1 subunit B, isoform 2,ATPase, H+ transporting, lysosomal 36,S5kNa, V1 subunit B2 ATP6D,ATP6C;ATPase, H+ transporting, lysosomal 36,S5kNa, V	ATPase plasma membrane Ca2+ transporting 3 ATPase plasma membrane Ca2+ transporting 4 ATP synthase F1 subunit beta ATP synthase membrane subunit c locus 3 ATP synthase peripheral stalk-membrane subunit b ATPase H+ transporting V0 subunit d1 ATPase H+ transporting V1 subunit A ATPase H+ transporting V1 subunit B2	
ATP2B2 ATP2B3 ATP2B4 ATP5F1B ATP5MC3 ATP5PB ATP6V0D1 ATP6V1A ATP6V1B2 ATP6V1C1	NM_001001331.2 NM_001001344.2 NM_001684.4 NM_001686.3 NM_001002258.4 NM_001688.4 NM_001688.4 NM_001691.4 NM_001693.3	ATPase, Ca++ transporting, plasma membrane 2 SCAX1,CLA2;spinocerebellar ataxia, X-linked 1,cerebellar ataxia 2 (X-linked),ATPase, Ca++ transporting, plasma membrane 3 ATP2B2,MXRA1;matrix-remodelling associated 1,ATPase, Ca++ transporting, plasma membrane 4 ATP556,ATP59,ATP synthase, H+ transporting, mitochondrial F1 complex, beta polypeptide ATP55G3,ATP synthase, H+ transporting, mitochondrial F1 complex, beta polypeptide ATP556,ATP synthase, H+ transporting, mitochondrial F1 complex, subunit 9, Stobunit 9) isoform 3,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit 6, Subunit 9, Stobunit 6, Stobunit 9, Stobunit 9, Stobunit 9, Stobunit 6, Stobunit 9, Stobunit 6, Stobunit 9, Stobunit 6, Stobunit 9, Stobunit 9, Stobunit 9, Stobunit 9, Stobunit 9, Stobunit 9, Stobunit 6, Stobunit 9, Stobunit 9, Stobunit 9, Stobunit 9, Stobunit 8, Stobunit 8, Stobunit 8, Stobunit 8, Stobunit 9, Stobunit 8, Stobunit 9, Stobunit 8, Stobunit 9, Stobunit 8, Stob	ATPase plasma membrane Ca2+ transporting 3 ATPase plasma membrane Ca2+ transporting 4 ATP synthase F1 subunit beta ATP synthase membrane subunit c locus 3 ATP synthase peripheral stalk-membrane subunit b ATPase H+ transporting V0 subunit d1 ATPase H+ transporting V1 subunit A ATPase H+ transporting V1 subunit B2	
ATP2B2 ATP2B3 ATP2B4 ATP5F1B ATP5MC3 ATP5VD3 ATP6V0D1 ATP6V1D1 ATP6V1B2 ATP6V1C1	NM_001001331.2 NM_001001344.2 NM_001684.4 NM_001686.3 NM_001002258.4 NM_001688.4 NM_001689.4 NM_001691.4 NM_001690.2 NM_001693.3 NM_001007254.1	ATPase, Ca++ transporting, plasma membrane 2 SCAX1,CLA2;spinocerebellar ataxia, X-linked 1,cerebellar ataxia 2 (X-linked),ATPase, Ca++ transporting, plasma membrane 3 ATP2B2,MXRA1;matrix-remodelling associated 1,ATPase, Ca++ transporting, plasma membrane 4 ATP553,ATP Synthase, H+ transporting, mitochondrial F1 complex, beta polypeptide ATP553,ATP Synthase, H+ transporting, mitochondrial F1 complex, beta polypeptide ATP553,ATP Synthase, H+ transporting, mitochondrial F1 complex, subunit 0, Subunit 9) isoform 3,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9),ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9),ATP synthase, H+ transporting, mitochondrial F0 complex subunit C3 (subunit 9) ATP5F1;ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B, isoform 1,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B, ATP Synthase, H+ transporting, mitochondrial F0 complex, subunit B1,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1,ATP synthase, H+ transporting, lysosomal (vacuolar proton pump), member D,ATPase, H+ transporting, lysosomal 38kDa, V0 subunit d1 VPP2,ATP661,ATP6V1A1;ATPase, H+ transporting, lysosomal 7kDa, V0 subunit A1 VPP3,ATP662,ATPase, H+ transporting, lysosomal 3kDa, V0 subunit A VPP3,ATP662,ATPase, H+ transporting, lysosomal 7kDa, V1 subunit A VPP3,ATP662,ATPase, H+ transporting, lysosomal 7kDa, V1 subunit A ATP660,ATPase, H+ transporting, lysosomal (vacuolar proton pump), alpha polypeptide, 7kDase, H+ transporting, lysosomal 7kDa, V1 subunit B, isoform 2,ATPase, H+ transporting, lysosomal 42kDa, V1 subunit C, isoform 1,ATPase, H+ transporting, lysosomal 42kDa, V1 subunit C1 ATP66/ATPase, H+ transporting, lysosomal (vacuolar proton pump), 42kD,ATPase, H+ transporting, lysosomal 42kDa, V1 subunit C1 ATP66/ATPase, H+ transporting, lysosomal (vacuolar proton pump), 42kD,ATPase, H+ transporting, lysosomal	ATPase plasma membrane Ca2+ transporting 3 ATPase plasma membrane Ca2+ transporting 4 ATP synthase F1 subunit beta ATP synthase membrane subunit c locus 3 ATP synthase peripheral stalk-membrane subunit b ATPase H+ transporting V0 subunit d1 ATPase H+ transporting V1 subunit A ATPase H+ transporting V1 subunit B2 ATPase H+ transporting V1 subunit C1	
ATP282 ATP283 ATP284 ATP5F18 ATP5MC3 ATP5P8 ATP6V0D1	NM_001001331.2 NM_001001344.2 NM_001684.4 NM_001686.3 NM_001002258.4 NM_001688.4 NM_001689.4 NM_001691.4 NM_001690.2 NM_001693.3 NM_001007254.1	ATPase, Ca++ transporting, plasma membrane 2 SCAX1,CLA2;spinocerebellar ataxia, X-linked 1,cerebellar ataxia 2 (X-linked),ATPase, Ca++ transporting, plasma membrane 3 ATP2B2,MXRA1;matrix-remodelling associated 1,ATPase, Ca++ transporting, plasma membrane 4 ATP5B3,ATP5B,ATP synthase, H+ transporting, mitochondrial F1 complex, beta polypeptide ATP5G3,ATP Synthase, H+ transporting, mitochondrial F0 complex, subunit C (subunit 9), Stofmar 3,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C (subunit 9), Stofmar 3,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9), ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9), ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9) ATP5F1;ATP synthase, H+ transporting, mitochondrial F0 complex, subunit b, isoform 1,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1,ATP synthase, H+ transporting, lysosomal 38kDa, V0 subunit D1,ATPase, H+ transporting, lysosomal (vacuolar proton pump), alpha polypeptide, F0KD, isoform 1,ATPase, H+ transporting, lysosomal (vacuolar proton pump), alpha polypeptide, F0KD, isoform 1,ATPase, H+ transporting, lysosomal 56/58kDa, V1 subunit A VPP3,ATF62,ATPase, H+ transporting, lysosomal 16/26kDa, V1 subunit A VPP3,ATF62,ATPase, H+ transporting, lysosomal 16/26kDa, V1 subunit A ATF6D,ATPase, H+ transporting, lysosomal 16/26kDa, V1 subunit A ATF6D,ATPEC,ATPase, H+ transporting, ly	ATPase plasma membrane Ca2+ transporting 3 ATPase plasma membrane Ca2+ transporting 4 ATP synthase F1 subunit beta ATP synthase membrane subunit c locus 3 ATP synthase peripheral stalk-membrane subunit b ATPase H+ transporting V0 subunit d1 ATPase H+ transporting V1 subunit A ATPase H+ transporting V1 subunit B2 ATPase H+ transporting V1 subunit C1	
ATP2B2 ATP2B3 ATP2B4 ATP5F1B ATP5MC3 ATP5WC3 ATP6V0D1 ATP6V1D1 ATP6V1B2 ATP6V1C1	NM_001001331.2 NM_001001344.2 NM_001684.4 NM_001686.3 NM_001002258.4 NM_001688.4 NM_001689.4 NM_001691.4 NM_001690.2 NM_001693.3 NM_001007254.1	ATPase, Ca++ transporting, plasma membrane 2 SCAX1,CLA2;spinocerebellar ataxia, X-linked 1,cerebellar ataxia 2 (X-linked),ATPase, Ca++ transporting, plasma membrane 3 ATP2B2,MXRA1;matrix-remodelling associated 1,ATPase, Ca++ transporting, plasma membrane 4 ATP553,ATP Synthase, H+ transporting, mitochondrial F1 complex, beta polypeptide ATP553,ATP Synthase, H+ transporting, mitochondrial F1 complex, beta polypeptide ATP553,ATP Synthase, H+ transporting, mitochondrial F1 complex, subunit 0, Subunit 9) isoform 3,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9),ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9),ATP synthase, H+ transporting, mitochondrial F0 complex subunit C3 (subunit 9) ATP5F1;ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B, isoform 1,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B, ATP Synthase, H+ transporting, mitochondrial F0 complex, subunit B1,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1,ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1,ATP synthase, H+ transporting, lysosomal (vacuolar proton pump), member D,ATPase, H+ transporting, lysosomal 38kDa, V0 subunit d1 VPP2,ATP661,ATP6V1A1;ATPase, H+ transporting, lysosomal 7kDa, V0 subunit A1 VPP3,ATP662,ATPase, H+ transporting, lysosomal 3kDa, V0 subunit A VPP3,ATP662,ATPase, H+ transporting, lysosomal 7kDa, V1 subunit A VPP3,ATP662,ATPase, H+ transporting, lysosomal 7kDa, V1 subunit A ATP660,ATPase, H+ transporting, lysosomal (vacuolar proton pump), alpha polypeptide, 7kDase, H+ transporting, lysosomal 7kDa, V1 subunit B, isoform 2,ATPase, H+ transporting, lysosomal 42kDa, V1 subunit C, isoform 1,ATPase, H+ transporting, lysosomal 42kDa, V1 subunit C1 ATP66/ATPase, H+ transporting, lysosomal (vacuolar proton pump), 42kD,ATPase, H+ transporting, lysosomal 42kDa, V1 subunit C1 ATP66/ATPase, H+ transporting, lysosomal (vacuolar proton pump), 42kD,ATPase, H+ transporting, lysosomal	ATPase plasma membrane Ca2+ transporting 3 ATPase plasma membrane Ca2+ transporting 4 ATP synthase F1 subunit beta ATP synthase membrane subunit c locus 3 ATP synthase peripheral stalk-membrane subunit b ATPase H+ transporting V0 subunit d1 ATPase H+ transporting V1 subunit A ATPase H+ transporting V1 subunit B2 ATPase H+ transporting V1 subunit C1	

		ATP6J,ATP6G1;ATPase, H+ transporting, lysosomal (vacuolar proton pump), member J,ATPase, H+	
ATP6V1G1	NM_004888.4	transporting, lysosomal 13kDa, V1 subunit G isoform 1,ATPase, H+ transporting, lysosomal 13kDa, V1 subunit G1	ATPase H+ transporting V1 subunit G1
		ATP6G,ATP6G2;ATPase, H+ transporting, lysosomal (vacuolar proton pump),ATPase, H+ transporting,	
ATP6V1G2	NM_130463.4	lysosomal 13kDa, V1 subunit G isoform 2,ATPase, H+ transporting, lysosomal 13kDa, V1 subunit G2 ATPase, H+ transporting, lysosomal 50/57kD, V1 subunit H,ATPase, H+ transporting, lysosomal	ATPase H+ transporting V1 subunit G2
ATP6V1H	NM_213620.1	50/57kba, V1 subunit H ATPase, aminophospholipid transporter-like, Class J, type 8A, member 2,ATPase, aminophospholipid transporter-like, class I, type 8A, member 2,ATPase, aminophospholipid transporter, class J, type 8A,	ATPase H+ transporting V1 subunit H
ATP8A2	NM_016529.4	member 2	ATPase phospholipid transporting 8A2
ATP9A	NM_006045.1	ATPase, class II, type 9A	ATPase phospholipid transporting 9A (putative)
ATR	NM_001184.2	ataxia telangiectasia and Rad3 related	ATR serine/threonine kinase
ATRN	NM_001207047.1		attractin
AXL B2M	NM_021913.2 NM_004048.2		AXL receptor tyrosine kinase beta-2-microglobulin
B3GNT5	NM_032047.4		UDP-GIcNAc:betaGal beta-1,3-N-
B4GALT5	NM_004776.3	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 5	beta-1,4-galactosyltransferase 5
B4GALT6	NM_004775.3	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 6	beta-1,4-galactosyltransferase 6
BACE1	NM_012104.4	BACE; beta-site APP-cleaving enzyme, beta-site APP-cleaving enzyme 1	beta-secretase 1
BASP1	NM_006317.4	brain abundant, membrane attached signal protein 1	brain abundant membrane attached signal protein 1
BAX	NM_138761.3	BCL2-associated X protein, BCL2 associated X protein	BCL2 associated X, apoptosis regulator
BCAS1	NM_003657.3		breast carcinoma amplified sequence 1
BDNF	NM_170732.4	hadia 1 (asilad asil massis like DCI 2 interaction arcticis) hadia 1, autombasy valated	brain derived neurotrophic factor
BECN1	NM_003766.2	beclin 1 (coiled-coil, moesin-like BCL2 interacting protein), beclin 1, autophagy related STRA13, BHLHB2; basic helix-loop-helix domain containing, class B, 2, basic helix-loop-helix family,	beclin 1
BHLHE40	NM_003670.2	member e40	basic helix-loop-helix family member e40
BHLHE41	NM 030762.2	BHLHB3; basic helix-loop-helix domain containing, class B, 3, basic helix-loop-helix family, member e41	hasic haliv-loon-haliv family member e41
BIN1	NM_004305.4	AMPHL	bridging integrator 1
BLK	NM_001715.2	B lymphoid tyrosine kinase	BLK proto-oncogene, Src family tyrosine kinase
BRAF	NM_004333.3	v-raf murine sarcoma viral oncogene homolog B	B-Raf proto-oncogene, serine/threonine kinase
BTRC	NM_001256856.1	beta-transducin repeat containing	beta-transducin repeat containing E3 ubiquitin protein
		BUB3 (budding uninhibited by benzimidazoles 3, yeast) homolog, budding uninhibited by	
BUB3	NM_004725.3	benzimidazoles 3 homolog (yeast)	BUB3 mitotic checkpoint protein
C1QA	NM_015991.2	complement component 1, q subcomponent, alpha polypeptide,complement component 1, q subcomponent, A chain,complement C1q chain A	complement C1q A chain
6100		complement component 1, q subcomponent, beta polypeptide, complement component 1, q	
C1QB C1QBP	NM_000491.3 NM 001212.3	subcomponent, B chain,complement C1q chain B HABP1;complement component 1, q subcomponent binding protein	complement C1q B chain complement C1q binding protein
CIUBP	NIVI_001212.5	C1QG;complement component 1, q subcomponent, gamma polypeptide,complement component 1, q	
C1QC	NM_001114101.1	subcomponent, C chain	complement C1q C chain
C1R	NM 001733.4	complement component 1, r subcomponent	complement C1r
C15	NM_001734.2	complement component 1, s subcomponent	complement C1s
C3	NM_000064.2	complement component 3	complement C3
C3AR1	NM_004054.2	complement component 3a receptor 1	complement C3a receptor 1
C4A/B	NM_007293.2	complement component 4B,complement component 4B (Chido blood group)	LOC110384692 (NM_001352000), complement C4B (Chido blood group) C4B_2 (NM_001242823)
C9orf72	NM_145005.6	chromosome 9 open reading frame 72	C9orf72-SMCR8 complex subunit
CA2	NM_000067.2	carbonic anhydrase II	carbonic anhydrase 2
CABLES1	NM_001256438.1		Cdk5 and Abl enzyme substrate 1
CACNA1B	NM_000718.3	CACNL1A5;calcium channel, voltage-dependent, N type, alpha 1B subunit	calcium voltage-gated channel subunit alpha1 B
CA CH445		CACNL1A6;calcium channel, voltage-dependent, R type, alpha 1E subunit,calcium voltage-gated	and a fear and the second second and the second
CACNA1E	NM_000721.3	channel subunit alpha1 subunit E CACNL2A,CACNA2,MHS3,LINC01112;long intergenic non-protein coding RNA 1112,calcium channel,	calcium voltage-gated channel subunit alpha1 E calcium voltage-gated channel auxiliary subunit
CACNA2D1	NM_000722.2	voltage-dependent, alpha 2/delta subunit 1	alpha2delta 1
CACNA2D3	NM_018398.2	calcium channel, voltage-dependent, alpha 2/delta subunit 3	calcium voltage-gated channel auxiliary subunit
CALM1	NM_006888.4	CALML2;calmodulin 1 (phosphorylase kinase, delta)	calmodulin 1
CALM2	NM_001743.4	calmodulin 2 (phosphorylase kinase, delta)	calmodulin 2
CALM3	NM_005184.4	calmodulin 3 (phosphorylase kinase, delta)	calmodulin 3
CAMK2A	NM_001363989.1	CAMKA;calcium/calmodulin-dependent protein kinase (CaM kinase) II alpha	calcium/calmodulin dependent protein kinase II alpha
CAMK2D	NM_172127.1	CAMKD;calcium/calmodulin-dependent protein kinase (CaM kinase) II delta	calcium/calmodulin dependent protein kinase II delta
CAMK2G	NM_001222.2	CAMKG;calcium/calmodulin-dependent protein kinase (CaM kinase) II gamma	calcium/calmodulin dependent protein kinase II gamma
CAMK4	NM_001744.3	energe 2 exectes is related exiting exchange energies 2 exectes is related exiting montidays	calcium/calmodulin dependent protein kinase IV
CASP3	NM_004346.3	caspase 3, apoptosis-related cysteine protease, caspase 3, apoptosis-related cysteine peptidase	caspase 3
CCL13	NM_005408.2	SCYA13;small inducible cytokine subfamily A (Cys-Cys), member 13,chemokine (C-C motif) ligand 13	C-C motif chemokine ligand 13
CCL2	NM_002982.3	SCYA2;small inducible cytokine A2 (monocyte chemotactic protein 1, homologous to mouse Sig- je),chemokine (C-C motif) ligand 2	C-C motif chemokine ligand 2
CC12	NM 003003 3	SCVA2 cmall inducible exterior A2 /hermolecous to mouse Min 4-2 -hermolecous C 4	C C motif champling light 2
CCL3 CCNA1	NM_002983.2 NM_003914.3	SCYA3;small inducible cytokine A3 (homologous to mouse Mip-1a),chemokine (C-C motif) ligand 3	C-C motif chemokine ligand 3 cyclin A1
CCNA1 CCNB1	NM_003914.3 NM_031966.3	ССИВ	cyclin B1
CCNH	NM_001199189.1		cyclin H
CCR5	NM 000579.3	CMKRR5: chamaking (C.C. motif) recentor 5 chamaking (C.C. motif) recentor 5 (received and	C-C motif chemokine receptor 5 (gene/pseudogene)
CCR5 CD109	NM_000579.3 NM_133493.3	CMKBR5;chemokine (C-C motif) receptor 5,chemokine (C-C motif) receptor 5 (gene/pseudogene) CD109 antigen (Gov platelet alloantigens)	CD109 molecule
CD109 CD14	NM_000591.2	CD109 antigen (GoV platelet alloantigens)	CD10 molecule
CD14 CD163	NM 004244.4	CD163 antigen	CD163 molecule
CD19	XM_011545981.1	CD19 antigen	CD19 molecule
CD200	NM_005944.5	MOX1,MOX2;antigen identified by monoclonal antibody MRC OX-2,CD200 antigen	CD200 molecule
CD200R1	NM_138806.3	MOX2R;MOX2 receptor	CD200 receptor 1
CD209	NM_001144899.1	CD209 antigen natural killer cell receptor 2B4,CD244 natural killer cell receptor 2B4,CD244 molecule, natural killer cell	CD209 molecule
CD244	NM_001166663.1	receptor 2B4	CD244 molecule
CD33	NM_001177608.1	CD33 antigen (gp67)	CD33 molecule
CD34	NM_001025109.1	CD34 antigen	CD34 molecule
CD3D	NM_000732.4	T3D;CD3d antigen, delta polypeptide (TiT3 complex),CD3d molecule, delta (CD3-TCR complex)	CD3d molecule
CD3E CD3G	NM_000733.2	CD3e antigen, epsilon polypeptide (TiT3 complex),CD3e molecule, epsilon (CD3-TCR complex)	CD3# molecule
CD3G CD4	NM_000073.2 NM_000616.4	CD3g antigen, gamma polypeptide (TiT3 complex),CD3g molecule, gamma (CD3-TCR complex) CD4 antigen (p55),T-cell surface glycoprotein CD4	CD3g molecule CD4 molecule
60.40	NM_001250.4	TNFRSF5;tumor necrosis factor receptor superfamily, member 5,CD40 molecule, TNF receptor superfamily member 5	CD40 molecule
	NM_001250.4 NM_001001392.1	MIC4,MDU2,MDU3;CD44 antigen (homing function and Indian blood group system)	CD40 molecule (Indian blood group)
CD40 CD44		MEG;CD47 antigen (Rh-related antigen, integrin-associated signal transducer)	CD47 molecule
CD40 CD44 CD47	NM_001001392.1 NM_001777.3	WERO, CD47 anugen (Riffeateu anugen, integrinfassociateu signal transuucen)	
CD44		CD6 antigen	CD6 molecule
CD44 CD47	NM_001777.3	CD6 antigen CD68 antigen	CD6 molecule CD68 molecule
CD44 CD47 CD6 CD68	NM_001777.3 NM_001254751.1 NM_001251.2	CD6 antigen CD68 antigen DHLAS;CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen-	CD68 molecule
CD44 CD47 CD6	NM_001777.3 NM_001254751.1 NM_001251.2 NM_001025158.2	CD6 antigen CD68 antigen DHLAG;CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen- associated),CD74 molecule, major histocompatibility complex, class II invariant chain	
CD44 CD47 CD6 CD68 CD74	NM_001777.3 NM_001254751.1 NM_001251.2	CD6 antigen CD68 antigen DHLAS;CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen-	CD68 molecule CD74 molecule
CD44 CD47 CD6 CD68 CD74 CD84	NM_001777.3 NM_001254751.1 NM_001251.2 NM_001025158.2 NM_003874.3	CD6 antigen CD68 antigen DHLAG;CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen- associated),CD74 molecule, major histocompatibility complex, class II invariant chain CD84 antigen (leukocyte antigen),CD84 molecule	CD68 molecule CD74 molecule CD84 molecule
CD44 CD47 CD6 CD68 CD74 CD74 CD84 CD84	NM_001777.3 NM_001254751.1 NM_001251.2 NM_001025158.2 NM_003874.3 NM_001768.6	CD6 antigen CD68 antigen DHLA6; CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen- associated), CD74 molecule, major histocompatibility complex, class II invariant chain CD84 antigen (leukocyte antigen), CD84 molecule CD8; CD8 antigen, alpha polypeptide (p32), T-cell surface glycoprotein CD8 alpha chain	CD68 molecule CD74 molecule CD84 molecule CD8a molecule

CDC42	NM_001039802.1	cell division cycle 42 (GTP-binding protein, 25kD), cell division cycle 42 (GTP binding protein, 25kDa)	cell division cycle 42	
CDK5R1	NM_003885.2	cyclin-dependent kinase 5, regulatory subunit 1 (p35)	cyclin dependent kinase 5 regulatory subunit 1	
CDK7	NM_001799.2	cyclin-dependent kinase 7 (homolog of Xenopus MO15 cdk-activating kinase),cyclin-dependent kinase 7 (MO15 homolog, Xenopus laevis, cdk-activating kinase)	cyclin dependent kinase 7	
CEACAM3	NM 001815.3	CGM1;carcinoembryonic antigen-related cell adhesion molecule 3,carcinoembryonic antigen related cell adhesion molecule 3	CEA cell adhesion molecule 3	
CEP68	NM_015147.2	KIAA0582;KIAA0582,centrosomal protein 68kDa	centrosomal protein 68	
CFI	NM_000204.3	IF;I factor (complement)	complement factor I	
CHCHD3	NM_017812.2		coiled-coil-helix-coiled-coil-helix domain containing 3	
CHI3L1	NM_001276.2	chitinase 3-like 1 (cartilage glycoprotein-39)	chitinase 3 like 1	
CHN1 CHRM2	NM_001025201.3 NM_001006630.1	CHN,DURS2;Duane retraction syndrome 2,chimerin (chimaerin) 1	chimerin 1 cholinergic receptor muscarinic 2	
CHRM2 CHRM3	NM_000740.2		cholinergic receptor muscarinic 2	
CITANIS	1111_000740.2	cholinergic receptor, nicotinic, beta polypeptide 2 (neuronal), cholinergic receptor, nicotinic, beta 2	chomicigic receptor muscarmic 5	
CHRNB2	NM_000748.3	(neuronal),cholinergic receptor, nicotinic beta 2	cholinergic receptor nicotinic beta 2 subunit	
СКВ	NM_001823.4	CKBB;creatine kinase, brain	creatine kinase B	
CLCF1	NM_013246.2	CRLF1 associated cytokine-like factor 1	cardiotrophin like cytokine factor 1	
CLDN5	NM_001130861.1	AWAL,TMVCF;transmembrane protein deleted in velocardiofacial syndrome	claudin 5	
CLEC7A	NM 197954.3	CLECSF12;C-type (calcium dependent, carbohydrate-recognition domain) lectin, superfamily member 12,C-type lectin domain family 7, member A,C-type lectin domain family 7 member A	C-type lectin domain containing 7A	
CLTA	NM_001184762.1	clathrin, light polypeptide (Lca),clathrin, light chain A	clathrin light chain A	
cent	1111_001104702.11	CLTCL2;clathrin, heavy polypeptide (Hc),clathrin, heavy chain,clathrin, heavy polypeptide-like		
CLTC	NM_004859.2	2, clathrin, heavy chain (Hc)	clathrin heavy chain	
CNP	NM_033133.5		2',3'-cyclic nucleotide 3' phosphodiesterase	
CNR1	NM_001160226.1	CNR;cannabinoid receptor 1 (brain)	cannabinoid receptor 1	
CNTF	NM_000614.3		ciliary neurotrophic factor	
CNTNAP1 CNTNAP2	NM_003632.2	NRXN4 contactin associated protein like 2	contactin associated protein 1	
CPA3	NM_014141.4 NM_001870.2	carboxypeptidase A3 (mast cell)	contactin associated protein 2 carboxypeptidase A3	
CPNE2	NM_001870.2 NM_152727.5	copine II	copine 2	
CRKL	NM_005207.4	v-crk avian sarcoma virus CT10 oncogene homolog-like	CRK like proto-oncogene, adaptor protein	
CROT	NM_021151.4		carnitine O-octanoyltransferase	
CSF1	NM_000757.4	colony stimulating factor 1 (macrophage)	colony stimulating factor 1	
CSF1R	NM_005211.3	FMS;McDonough feline sarcoma viral (v-fms) oncogene homolog	colony stimulating factor 1 receptor	
CSF3R	NM_000760.3	CD114;colony stimulating factor 3 receptor (granulocyte)	colony stimulating factor 3 receptor	
CSNK2A1/3	NM_001895.4	CSNK2A1P;casein kinase 2, alpha 1 polypeptide pseudogene,casein kinase 2, alpha 3 polypeptide	casein kinase 2 alpha 3	
CSPG4	NM_001897.4	chondroitin sulfate proteoglycan 4 (melanoma-associated)	chondroitin sulfate proteoglycan 4	
CST3	NM_000099.2	cystatin C (amyloid angiopathy and cerebral hemorrhage)	cystatin C	
CST7	NM_003650.3	cystatin F (leukocystatin) CTNNB;catenin (cadherin-associated protein), beta 1 (88kD),catenin (cadherin-associated protein),	cystatin F	
CTNNB1	NM_001098210.1	CINNB;catenin (cadherin-associated protein), beta 1 (88kD),catenin (cadherin-associated protein), beta 1, 88kDa,catenin (cadherin-associated protein), beta 1	catenin beta 1	
CTSB	NM 147780.2	beta 1, bokba,caterini (caurerini associated protein), beta 1	cathepsin B	
CTSD	NM_001909.4	CPSD;cathepsin D (lysosomal aspartyl protease)	cathepsin D	
CTSF	NM_003793.3		cathepsin F	
CTSL	NM_001912.4	CTSL1;cathepsin L1	cathepsin L	
CTSS	NM_004079.3		cathepsin S	
CTSW	NM_001335.3	cathepsin W (lymphopain)	cathepsin W	
CTTNBP2NL	NM_018704.2		CTTNBP2 N-terminal like	
CUL1	NM_003592.2		cullin 1	
CUL2 CUX2	NM_003591.2 NM_015267.3	CUTL2;cut-like 2 (Drosophila),cut-like homeobox 2	cullin 2 cut like homeobox 2	
CUX2	NIVI_015207.5	SCYD1;small inducible cytokine subfamily D (Cys-X3-Cys), member 1 (fractalkine,	cut like homeobox 2	
CX3CL1	NM_002996.4	neurotactin),chemokine (C-X3-C motif) ligand 1	C-X3-C motif chemokine ligand 1	
CX3CR1	NM_001337.3	GPR13,CMKBRL1;chemokine (C-X3-C) receptor 1,chemokine (C-X3-C motif) receptor 1	C-X3-C motif chemokine receptor 1	
CXCL8	NM_000584.3	IL8;interleukin 8,chemokine (C-X-C motif) ligand 8	C-X-C motif chemokine ligand 8	
CYBB	NM_000397.3	CGD;chronic granulomatous disease,cytochrome b-245, beta polypeptide	cytochrome b-245 beta chain	
CYFIP2	NM_001037333.1		cytoplasmic FMR1 interacting protein 2	
		SPG56;cytochrome P450, family 2, subfamily U, polypeptide 1,spastic paraplegia 56 (autosomal		
CYP2U1	NM_183075.3	dominant)	cytochrome P450 family 2 subfamily U member 1	
CYP4X1	NM_178033.1	cytochrome P450, family 4, subfamily X, polypeptide 1	cytochrome P450 family 4 subfamily X member 1	
CYSLTR1 DAGLA	NM_001282186.1 NM_006133.2	C11orf11;chromosome 11 open reading frame 11,diacylglycerol lipase, alpha	cysteinyl leukotriene receptor 1 diacylglycerol lipase alpha	
DAGLA	NNI_000133.2	CITOTII, chromosome ii open reading name ii, diacygycero npase, apna	ulacyigiycei ol lipase alpha	Sub-maximal transcript coverage due to
DCLK1	NM_004734.4	DCAMKL1;doublecortin and CaM kinase-like 1,doublecortin-like kinase 1	doublecortin like kinase 1	non-overlapping transcripts
DDAH1	NM_012137.2		dimethylarginine dimethylaminohydrolase 1	
DIAPH1	NM_005219.4	DFNA1; diaphanous (Drosophila, homolog) 1, diaphanous homolog 1 (Drosophila)	diaphanous related formin 1	
DLAT	NM_001931.5	DLTA	dihydrolipoamide S-acetyltransferase	
		LAD, GCSL; dihydrolipoamide dehydrogenase (E3 component of pyruvate dehydrogenase complex, 2-		
DLD	NM_000108.3	oxo-glutarate complex, branched chain keto acid dehydrogenase complex)	dihydrolipoamide dehydrogenase	
DLGAP1	NM_001003809.2	discs, large (Drosophila) homolog-associated protein 1, discs large homolog associated protein 1	DLG associated protein 1	
DLX1 DLX2	NM_001038493.2 NM_004405.3	distal-less homeo box 1 distal-less homeo box 2	distal-less homeobox 1 distal-less homeobox 2	
5172	NIN_004405.5	distal-less nomeo box 2 MRX85;dystrophin (muscular dystrophy, Duchenne and Becker types), includes DXS142, DXS164,		
DMD	NM_004014.2	DXS206, DXS230, DXS239, DXS268, DXS269, DXS270, DXS272, mental retardation, X-linked 85	dystrophin	
DNAJA2	NM_005880.3	DnaJ (Hsp40) homolog, subfamily A, member 2	DnaJ heat shock protein family (Hsp40) member A2	
DNAJB9	NM_012328.1	MDG1;DnaJ (Hsp40) homolog, subfamily B, member 9	DnaJ heat shock protein family (Hsp40) member B9	
DNAJC11	NM_018198.3	DnaJ (Hsp40) homolog, subfamily C, member 11	DnaJ heat shock protein family (Hsp40) member C11	
DNAJC5	NM_025219.3	CLN4;ceroid-lipofuscinosis, neuronal 4 (Kufs disease),DnaJ (Hsp40) homolog, subfamily C, member 5	DnaJ heat shock protein family (Hsp40) member C5	
			dynamin 1	
DNM1	NM_004408.2	DNM	demonstra 4 litera	
DNM1L	NM_004408.2 NM_001278463.1	DNM	dynamin 1 like	
DNM1L DNM3	NM_004408.2 NM_001278463.1 NM_015569.3		dynamin 3	
DNM1L DNM3 DOCK3	NM_004408.2 NM_001278463.1 NM_015569.3 NM_004947.4	DNM dedicator of cyto-kinesis 3	dynamin 3 dedicator of cytokinesis 3	
DNM1L DNM3 DOCK3 DRD1	NM_004408.2 NM_001278463.1 NM_015569.3 NM_004947.4 NM_000794.3		dynamin 3 dedicator of cytokinesis 3 dopamine receptor D1	
DNM1L DNM3 DOCK3	NM_004408.2 NM_001278463.1 NM_015569.3 NM_004947.4	dedicator of cyto-kinesis 3	dynamin 3 dedicator of cytokinesis 3	
DNM1L DNM3 DOCK3 DRD1 DUSP3	NM_004408.2 NM_001278463.1 NM_015569.3 NM_004947.4 NM_000794.3 NM_004090.3	dedicator of cyto-kinesis 3 VHR;vaccinia virus phosphatase VH1-related DNCLI1;dynein, cytoplasmic, light intermediate polypeptide 1	dynamin 3 dedicator of cytokinesis 3 dopamine receptor D1 dual specificity phosphatase 3 dynein cytoplasmic 1 light intermediate chain 1 E2F transcription factor 3	
DNM1L DNM3 DOCK3 DRD1 DUSP3 DYNC1LI1	NM_004408.2 NM_001278463.1 NM_015569.3 NM_004947.4 NM_000794.3 NM_004090.3 NM_016141.3	dedicator of cyto-kinesis 3 VHR;vaccinia virus phosphatase VH1-related DNCU1;dynein, cytoplasmic, light intermediate polypeptide 1 epidermal growth factor (beta-urogastrone)	dynamin 3 dedicator of cytokinesis 3 dopamine receptor D1 dual specificity phosphatase 3 dynein cytoplasmic 1 light intermediate chain 1	
DNM1L DNM3 DOCK3 DRD1 DUSP3 DYNC1LI1 E2F3 EGF	NM_004408.2 NM_001278463.1 NM_015569.3 NM_004947.4 NM_004947.4 NM_00490.3 NM_016141.3 NM_001243076.2 NM_001963.4	dedicator of cyto-kinesis 3 VHR;vaccinia virus phosphatase VH1-related DNCL1;dynein, cytoplasmic, light intermediate polypeptide 1 epidermal growth factor (beta-urogastrone) ERB8;epidermal growth factor receptor (avian erythroblastic leukemia viral (v-erb-b) oncogene	dynamin 3 dedicator of cytokinesis 3 dopamine receptor D1 dual specificity phosphatase 3 dynein cytoplasmic 1 light intermediate chain 1 E2F transcription factor 3 epidermal growth factor	
DNM1L DNM3 DOCK3 DRD1 DUSP3 DYNC1LI1 E2F3 EGF EGFR	NM_004408.2 NM_001278463.1 NM_015569.3 NM_004947.4 NM_000490.3 NM_016141.3 NM_001243076.2 NM_001963.4 NM_001963.4	dedicator of cyto-kinesis 3 VHR;vaccinia virus phosphatase VH1-related DNCU1;dynein, cytoplasmic, light intermediate polypeptide 1 epidermal growth factor (beta-urogastrone)	dynamin 3 dedicator of cytokinesis 3 dopamine receptor D1 dual specificity phosphatase 3 dynein cytoplasmic 1 light intermediate chain 1 E2F transcription factor 3 epidermal growth factor epidermal growth factor receptor	
DNM1L DNM3 DOCK3 DRD1 DUSP3 DYNC1LI1 E2F3 EGF EGFR EGFR	NM_004408.2 NM_001278463.1 NM_01559.3 NM_004947.4 NM_004947.4 NM_00490.3 NM_016141.3 NM_001243076.2 NM_001243076.2 NM_0012432.1 NM_001964.2	dedicator of cyto-kinesis 3 VHR;vaccinia virus phosphatase VH1-related DNCLI1;dynein, cytoplasmic, light intermediate polypeptide 1 epidermal growth factor (beta-urogastrone) ERBB;epidermal growth factor receptor (avian erythroblastic leukemia viral (v-erb-b) oncogene homolog)	dynamin 3 dedicator of cytokinesis 3 dopamine receptor D1 dual specificity phosphatase 3 dynein cytoplasmic 1 light intermediate chain 1 E2F transcription factor 3 epidermal growth factor receptor early growth response 1	
DNM1L DNM3 DOCK3 DRD1 DUSP3 DYNC1U1 E2F3 EGF EGFR EGR1 EID1	NM_004408.2 NM_001278463.1 NM_015569.3 NM_004947.4 NM_004947.4 NM_004990.3 NM_016141.3 NM_001963.4 NM_001963.4 NM_001964.2 NM_014335.3	dedicator of cyto-kinesis 3 VHR;vaccinia virus phosphatase VH1-related DNCL1;dynein, cytoplasmic, light intermediate polypeptide 1 epidermal growth factor (beta-urogastrone) ERB8;epidermal growth factor receptor (avian erythroblastic leukemia viral (v-erb-b) oncogene	dynamin 3 dedicator of cytokinesis 3 dopamine receptor D1 dual specificity phosphatase 3 dynein cytopalsmic 1 light intermediate chain 1 E2F transcription factor 3 epidermal growth factor epidermal growth factor receptor early growth response 1 EP300 interacting inhibitor of differentiation 1	
DNM1L DNM3 DOCK3 DRD1 DUSP3 DYNC1LI1 E2F3 EGF EGFR EGFR	NM_004408.2 NM_001278463.1 NM_01559.3 NM_004947.4 NM_004947.4 NM_00490.3 NM_016141.3 NM_001243076.2 NM_001243076.2 NM_0012432.1 NM_001964.2	dedicator of cyto-kinesis 3 VHR;vaccinia virus phosphatase VH1-related DNCLI1;dynein, cytoplasmic, light intermediate polypeptide 1 epidermal growth factor (beta-urogastrone) ERBB;epidermal growth factor receptor (avian erythroblastic leukemia viral (v-erb-b) oncogene homolog) C15orf3,CRI1;CREBBP/EP300 inhibitory protein 1,CREBBP/EP300 inhibitor 1	dynamin 3 dedicator of cytokinesis 3 dopamine receptor D1 dual specificity phosphatase 3 dynein cytoplasmic 1 light intermediate chain 1 E2F transcription factor 3 epidermal growth factor receptor early growth response 1	
DNM1L DNM3 DOCK3 DRD1 DUSP3 DYNC1L11 E2F3 EGF EGFR EGFR EGR1 EID1 EIF2AK1	NM_004408.2 NM_001278463.1 NM_015569.3 NM_004947.4 NM_004947.4 NM_00490.3 NM_016141.3 NM_001243076.2 NM_001243076.2 NM_001963.4 NM_201282.1 NM_001964.2 NM_014335.3 NM_014413.2	dedicator of cyto-kinesis 3 VHR;vaccinia virus phosphatase VH1-related DNCL11;dynein, cytoplasmic, light intermediate polypeptide 1 epidermal growth factor (beta-urogastrone) ERBB;epidermal growth factor receptor (avian erythroblastic leukemia viral (v-erb-b) oncogene homolog) C15orf3,CR11;CREBBP/EP300 inhibitory protein 1,CREBBP/EP300 inhibitor 1 eukaryotic translation initiation factor 2B, subunit 5 (epsilon, 82kD),eukaryotic translation initiation	dynamin 3 dedicator of cytokinesis 3 dopamine receptor D1 dual specificity phosphatase 3 dynein cytoplasmic 1 light intermediate chain 1 E2F transcription factor 3 epidermal growth factor receptor early growth response 1 EP300 interacting inhibitor of differentiation 1 eukaryotic translation initiation factor 2 alpha kinase 1	
DNM1L DNM3 DOCK3 DRD1 DUSP3 DYNC1U1 E2F3 EGF EGFR EGFR EID1 EIF2AK1 EIF2B5	NM_004408.2 NM_001278463.1 NM_015569.3 NM_004947.4 NM_0004947.4 NM_00490.3 NM_016141.3 NM_001963.4 NM_001963.4 NM_001964.2 NM_014335.3 NM_014335.3 NM_014413.2	dedicator of cyto-kinesis 3 VHR;vaccinia virus phosphatase VH1-related DNCLI1;dynein, cytoplasmic, light intermediate polypeptide 1 epidermal growth factor (beta-urogastrone) ERB8;pejdermal growth factor receptor (avian erythroblastic leukemia viral (v-erb-b) oncogene homolog) C15orf3,CR11;CREBBP/EP300 inhibitory protein 1,CREBBP/EP300 inhibitor 1 eukaryotic translation initiation factor 2B, subunit 5 (epsilon, 82kD),eukaryotic translation initiation factor 2B, subunit 5 epsilon, 82kDa	dynamin 3 dedicator of cytokinesis 3 dopamine receptor D1 dual specificity phosphatase 3 dynein cytoplasmic 1 light intermediate chain 1 E2r transcription factor 3 epidermal growth factor receptor early growth response 1 EP300 interacting inhibitor of differentiation 1 eukaryotic translation initiation factor 2 alpha kinase 1 eukaryotic translation initiation factor 2B subunit epsilon	
DNM1L DNM3 DOCK3 DRD1 DUSP3 DYNC1U1 E2F3 EGF EGFR EGFR EGFR EID1 EIF2AK1	NM_004408.2 NM_001278463.1 NM_015569.3 NM_004947.4 NM_004947.4 NM_00490.3 NM_016141.3 NM_001243076.2 NM_001243076.2 NM_001963.4 NM_201282.1 NM_001964.2 NM_014335.3 NM_014413.2	dedicator of cyto-kinesis 3 VHR;vaccinia virus phosphatase VH1-related DNCL11;dynein, cytoplasmic, light intermediate polypeptide 1 epidermal growth factor (beta-urogastrone) ERBB;epidermal growth factor receptor (avian erythroblastic leukemia viral (v-erb-b) oncogene homolog) C15orf3,CR11;CREBBP/EP300 inhibitory protein 1,CREBBP/EP300 inhibitor 1 eukaryotic translation initiation factor 2B, subunit 5 (epsilon, 82kD),eukaryotic translation initiation	dynamin 3 dedicator of cytokinesis 3 dopamine receptor D1 dual specificity phosphatase 3 dynein cytoplasmic 1 light intermediate chain 1 E2F transcription factor 3 epidermal growth factor receptor early growth response 1 EP300 interacting inhibitor of differentiation 1 eukaryotic translation initiation factor 2 alpha kinase 1	
DNM1L DNM3 DOCK3 DRD1 DUSP3 DYNC1U1 E2F3 EGF EGFR EGFR EGFR EID1 EIF2AK1 EIF2B5	NM_004408.2 NM_001278463.1 NM_015569.3 NM_004947.4 NM_0004947.4 NM_00490.3 NM_016141.3 NM_001963.4 NM_001963.4 NM_001964.2 NM_014335.3 NM_014335.3 NM_014413.2	dedicator of cyto-kinesis 3 VHR;vaccinia virus phosphatase VH1-related DNCL11;dynein, cytoplasmic, light intermediate polypeptide 1 epidermal growth factor (beta-urogastrone) ERBB;epidermal growth factor receptor (avian erythroblastic leukemia viral (v-erb-b) oncogene homolog) C15orf3,CR1;CREBBP/EP300 inhibitory protein 1,CREBBP/EP300 inhibitor 1 eukaryotic translation initiation factor 28, subunit 5 (epsilon, 82kD),eukaryotic translation initiation factor 28, subunit 5 (epsilon, 82kD) engulfment and cell motility 1 (ccd-12 homolog, C. elegans)	dynamin 3 dedicator of cytokinesis 3 dopamine receptor D1 dual specificity phosphatase 3 dynein cytoplasmic 1 light intermediate chain 1 E2r transcription factor 3 epidermal growth factor receptor early growth response 1 EP300 interacting inhibitor of differentiation 1 eukaryotic translation initiation factor 2 alpha kinase 1 eukaryotic translation initiation factor 2B subunit epsilon	
DNM1L DNM3 DOCK3 DR01 DUSP3 DVNC1U1 E2F3 EGF EGF EGR1 EID1 EIF2AK1 EIF2B5 ELM01	NM_004408.2 NM_001278463.1 NM_015569.3 NM_004947.4 NM_000794.3 NM_001961.3 NM_001243076.2 NM_001963.4 NM_001964.2 NM_001964.2 NM_01335.3 NM_014413.2 NM_014413.2	dedicator of cyto-kinesis 3 VHR,vaccinia virus phosphatase VH1-related DNCLI1;dynein, cytoplasmic, light intermediate polypeptide 1 epidermal growth factor (beta-urogastrone) ERB8;epidermal growth factor receptor (avian erythroblastic leukemia viral (v-erb-b) oncogene homolog) C15orf3,CR11;CREBBP/EP300 inhibitory protein 1,CREBBP/EP300 inhibitor 1 eukaryotic translation initiation factor 28, subunit 5 (epsilon, 82kD),eukaryotic translation initiation factor 28, Suburit 5 (epsilon, 82kD),eukaryotic 5 (epsilon, 82kD),eukaryotic 5	dynamin 3 dedicator of cytokinesis 3 dopamine receptor D1 dual specificity phosphatase 3 dynein cytoplasmic 1 light intermediate chain 1 E2r transcription factor 3 epidermal growth factor end growth factor receptor early growth response 1 EP300 interacting inhibitor of differentiation 1 eukaryotic translation initiation factor 2 alpha kinase 1 eukaryotic translation initiation factor 2B subunit epsilon engulfment and cell motility 1	
DNM1L DNM3 DOCK3 DRD1 DUSP3 DYNC1U1 E2F3 EGF EGFR EGFR EGFR EID1 EIF2AK1 EIF2B5	NM_004408.2 NM_001278463.1 NM_015569.3 NM_004947.4 NM_0004947.4 NM_00490.3 NM_016141.3 NM_001963.4 NM_001963.4 NM_001964.2 NM_014335.3 NM_014335.3 NM_014413.2	dedicator of cyto-kinesis 3 VHR;vaccinia virus phosphatase VH1-related DNCL11;dynein, cytoplasmic, light intermediate polypeptide 1 epidermal growth factor (beta-urogastrone) ERBB;epidermal growth factor receptor (avian erythroblastic leukemia viral (v-erb-b) oncogene homolog) C15orf3,CR1;CREBBP/EP300 inhibitory protein 1,CREBBP/EP300 inhibitor 1 eukaryotic translation initiation factor 28, subunit 5 (epsilon, 82kD),eukaryotic translation initiation factor 28, subunit 5 (epsilon, 82kD) engulfment and cell motility 1 (ccd-12 homolog, C. elegans)	dynamin 3 dedicator of cytokinesis 3 dopamine receptor D1 dual specificity phosphatase 3 dynein cytoplasmic 1 light intermediate chain 1 E2r transcription factor 3 epidermal growth factor receptor early growth response 1 EP300 interacting inhibitor of differentiation 1 eukaryotic translation initiation factor 2 alpha kinase 1 eukaryotic translation initiation factor 2B subunit epsilon	
DNM1L DNM3 DOCK3 DRD1 DUSP3 DYNC1U1 E2F3 EGF EGF EGFR EIGF1 EIF2AK1 EIF2AK1 EIF2AS5 ELMO1 ELOC	NM_004408.2 NM_001278463.1 NM_015569.3 NM_004997.4 NM_004997.4 NM_004090.3 NM_016141.3 NM_001963.4 NM_001963.4 NM_001963.4 NM_001964.2 NM_001964.2 NM_014335.3 NM_014413.2 NM_003907.2 NM_014800.10	dedicator of cyto-kinesis 3 VHR,vaccinia virus phosphatase VH1-related DNCLI1;dynein, cytoplasmic, light intermediate polypeptide 1 epidermal growth factor (beta-urogastrone) ERB8;epidermal growth factor receptor (avian erythroblastic leukemia viral (v-erb-b) oncogene homolog) C15orf3,CR11;CREBBP/EP300 inhibitory protein 1,CREBBP/EP300 inhibitor 1 eukaryotic translation initiation factor 28, subunit 5 (epsilon, 82kD),eukaryotic translation initiation factor 28, Suburit 5 (epsilon, 82kD),eukaryotic 5 (epsilon, 82kD),eukaryotic 5	dynamin 3 dedicator of cytokinesis 3 dopamine receptor D1 dual specificity phosphatase 3 dynein cytoplasmic 1 light intermediate chain 1 E2F transcription factor 3 epidermal growth factor receptor early growth response 1 EP300 interacting inhibitor of differentiation 1 eukaryotic translation initiation factor 28 subunit epsilon engulfment and cell motility 1 elongin C	
DNM1L DNM3 DOCK3 DRD1 DUSP3 DVNC1U1 E2F3 EGF EGF EGFR EID1 EIF2AK1 EIF2AK1 EIF2B5 ELM01 ELCC EMCN EMP1 EN02	NM_004408.2 NM_001278463.1 NM_015569.3 NM_004997.4 NM_004997.3 NM_004090.3 NM_016141.3 NM_0012963.4 NM_01963.4 NM_01964.2 NM_01964.2 NM_01413.2 NM_014413.2 NM_014413.2 NM_014413.2 NM_01204857.1 NM_01204857.1 NM_0120425.2 NM_001975.2	dedicator of cyto-kinesis 3 VHR;vaccinia virus phosphatase VH1-related DNCL11;dynein, cytoplasmic, light intermediate polypeptide 1 epidermal growth factor (beta-urogastrone) ERBB;epidermal growth factor receptor (avian erythroblastic leukemia viral (v-erb-b) oncogene homolog) C15orf3,CR11;CREBBP/EP300 inhibitory protein 1,CREBBP/EP300 inhibitor 1 eukaryotic translation initiation factor 2B, subunit 5 (epsilon, 82kD),eukaryotic translation initiation factor 2B, subunit 5 (epsilon, 82kD),eukaryotic translation initiation factor 2B, subunit 5 (epsilon, 82kD),eukaryotic translation initiation factor 8 (sull), notypeptide 1 (ced-12 homolog, C. elegans) TCEB1;transcription elongation factor B (SIII), polypeptide 1 (15kD, elongin C),transcription elongation factor B (SIII), polypeptide 1 (15kD, elongin factor B usunit 1 enolase 2 (gamma, neuronal)	dynamin 3 dedicator of cytokinesis 3 dopamine receptor D1 dual specificity phosphatase 3 dynein cytoplasmic 1 light intermediate chain 1 E2F transcription factor 3 epidermal growth factor receptor early growth response 1 EP300 interacting inhibitor of differentiation 1 eukaryotic translation initiation factor 28 subunit epsilon engulfment and cell motility 1 elongin C endomucin epithelial membrane protein 1 enolase 2	
DNM1L DNM3 DOCK3 DRD1 DUSP3 DVNC1U1 E2F3 EGF EGF EGR1 EID1 EIF2AK1 EIF2B5 ELMO1 EIF2B5 ELMO1 EICC EMCN EMP1	NM_004408.2 NM_001278463.1 NM_015569.3 NM_004947.4 NM_00490.3 NM_001963.4 NM_001243076.2 NM_001963.4 NM_001964.2 NM_01435.3 NM_014413.2 NM_014413.2 NM_014413.2 NM_014413.2 NM_01204857.1 NM_01204857.1 NM_01204857.1 NM_01204857.1 NM_01204857.1	dedicator of cyto-kinesis 3 VHR,vaccinia virus phosphatase VH1-related DNCL1f,dynein, cytoplasmic, light intermediate polypeptide 1 epidermal growth factor (beta-urogastrone) ERB8;pidermal growth factor receptor (avian erythroblastic leukemia viral (v-erb-b) oncogene homolog) C15orf3,CR11;CREBBP/EP300 inhibitory protein 1,CREBBP/EP300 inhibitor 1 eukaryotic translation initiation factor 2B, subunit 5 (epsilon, 82kD),eukaryotic translation initiation factor 2B, subunit 6 (epsilon, 82kD),eukaryotic translation initiation factor 2B, subunit 6 (epsilon, 82kD),eukaryotic translation initiation factor 8 (SIII), polypeptide 1 (15kD, elongin C),transcription elongation factor B subunit 1	dynamin 3 dedicator of cytokinesis 3 dopamine receptor D1 dual specificity phosphatase 3 dynein cytoplasmic 1 light intermediate chain 1 E2r transcription factor 3 epidermal growth factor receptor early growth response 1 EP300 interacting inhibitor of differentiation 1 eukaryotic translation initiation factor 2 alpha kinase 1 eukaryotic translation initiation factor 2B subunit epsilon engulfment and cell motility 1 elongin C endomucin epithelial membrane protein 1	

EOMES	NM_005442.2	eomesodermin (Xenopus laevis) homolog	eomesodermin	
EPB41L2 EPB41L3	NM_001199389.1 NM_012307.3		erythrocyte membrane protein band 4.1 like 2 erythrocyte membrane protein band 4.1 like 3	
CPD41L5	NM_012507.5	LCCS2; lethal congenital contracture syndrome 2, v-erb-b2 avian erythroblastic leukemia viral oncoger		
ERBB3	NM_001005915.1	homolog 3	erb-b2 receptor tyrosine kinase 3	
ERLEC1	NM_001127397.2	C2orf30;chromosome 2 open reading frame 30	endoplasmic reticulum lectin 1	
ERMN	NM_001304344.1	KIAA1189;KIAA1189,ermin, ERM-like protein	ermin	
ESAM ETV5	NM_138961.2 NM_004454.2	ets variant gene 5 (ets-related molecule),ETS variant 5	endothelial cell adhesion molecule ETS variant transcription factor 5	
F11R	NM_016946.5	JAM1; junctional adhesion molecule 1	F11 receptor	
1110	NN_010540.5		111100000	
FA2H	NM_024306.2	FAXDC1,SPG35;fatty acid hydroxylase domain containing 1,spastic paraplegia 35 (autosomal recessive		
FABP5	NM_001444.1	fatty acid binding protein 5 (psoriasis-associated)	fatty acid binding protein 5	
FAM30A	NR_026800.2	C14orf110,KIAA0125;chromosome 14 open reading frame 110,KIAA0125	family with sequence similarity 30 member A	
FBLN5 FBXL3	NM_006329.3 NM_012158.2	FBXL3A;F-box and leucine-rich repeat protein 3A	fibulin 5 F-box and leucine rich repeat protein 3	
FBXU3	NM_033644.2	FBXW1B;F-box and WD-40 domain protein 1B,F-box and WD-40 domain protein 11	F-box and WD repeat domain containing 11	
FCAR	NM_133278.2	Fc fragment of IgA, receptor for	Fc fragment of IgA receptor	
		Fc fragment of IgG, high affinity Ib, receptor for (CD64),Fc fragment of IgG, high affinity Ib, receptor		
FCGR1A/B	NM_000566.3	(CD64)	Fc fragment of IgG receptor Ib	
		FCGR3,FCG3;Fc fragment of IgG, low affinity IIIb, receptor for (CD16),Fc fragment of IgG, low affinity		
FCGR3A/B FCGRT	NM_000570.4 XM_011526628.1	IIIb, receptor (CD16b) Fc fragment of IgG, receptor, transporter, alpha	Fc fragment of IgG receptor IIIb Fc fragment of IgG receptor and transporter	
FCRL2	NM_001159488.1	SPAP1;SH2 domain-containing phosphatase anchor protein 1,Fc receptor-like 2	Fc receptor like 2	
FGF13	NM_001139498.1	LINC00889;long intergenic non-protein coding RNA 889	fibroblast growth factor 13	
FGF2	NM_002006.4	FGFB; fibroblast growth factor 2 (basic)	fibroblast growth factor 2	
		KIAA0274;KIAA0274,FIG4 homolog (S. cerevisiae),FIG4 homolog, SAC1 lipid phosphatase domain		
FIG4	NM_014845.5	containing (S. cerevisiae)	FIG4 phosphoinositide 5-phosphatase	
EI T1	NM 002010 4	FLT;fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor),fms-related tyrosine kinase 1,fms related tyrosine kinase 1	fms related receptor tyrosine kinase 1	
FLT1	NM_002019.4	receptor),tms-related tyrosine kinase 1,tms related tyrosine kinase 1 v-fos FBJ murine osteosarcoma viral oncogene homolog,FBJ murine osteosarcoma viral oncogene	mis related receptor tyrosine killase 1	
FOS	NM_005252.3	v-tos FBJ murine osteosarcoma virai oncogene nomolog,FBJ murine osteosarcoma virai oncogene homolog	Fos proto-oncogene, AP-1 transcription factor subunit	
FOXP3	NM_014009.3	IPEX;immune dysregulation, polyendocrinopathy, enteropathy, X-linked	forkhead box P3	
FPR1	NM_002029.3		formyl peptide receptor 1	
FTH1	NM_002032.2	FTHL6;ferritin, heavy polypeptide 1	ferritin heavy chain 1	
GABARAPL1	NM_031412.2	GABA(A) receptor-associated protein like 1	GABA type A receptor associated protein like 1	
GABRA1	NM_000806.5	gamma-aminobutyric acid (GABA) A receptor, alpha 1	gamma-aminobutyric acid type A receptor subunit alpha1	
GABRA3 GABRA4	NM_000808.3 NM_000809.2	gamma-aminobutyric acid (GABA) A receptor, alpha 3 gamma-aminobutyric acid (GABA) A receptor, alpha 4	gamma-aminobutyric acid type A receptor subunit alpha3 gamma-aminobutyric acid type A receptor subunit alpha4	
GABRA5	NM_000810.3	gamma-aminobutyric acid (GABA) A receptor, alpha 4	gamma-aminobutyric acid type A receptor subunit alpha4 gamma-aminobutyric acid type A receptor subunit alpha5	
GABRB3	NM_000814.5	gamma-aminobutyric acid (GABA) A receptor, beta 3	gamma-aminobutyric acid type A receptor subunit beta3	
GABRD	NM_000815.4	gamma-aminobutyric acid (GABA) A receptor, delta	gamma-aminobutyric acid type A receptor subunit delta	
GABRG2	NM_000816.3	gamma-aminobutyric acid (GABA) A receptor, gamma 2	gamma-aminobutyric acid type A receptor subunit	
GAD1	NM_000817.2	GAD;glutamate decarboxylase 1 (brain, 67kD),glutamate decarboxylase 1 (brain, 67kDa)	glutamate decarboxylase 1	
C102		glutamate decarboxylase 2 (pancreatic islets and brain, 65kD),glutamate decarboxylase 2 (pancreatic		
GAD2 GAL3ST1	NM_000818.2 NM_004861.1	islets and brain, 65kDa)	glutamate decarboxylase 2 galactose-3-O-sulfotransferase 1	
GALC	NM_000153.2	galactosylceramidase (Krabbe disease)	galactosylceramidase	
GAS6	NM_000820.2	AXLLG;AXL receptor tyrosine kinase ligand	growth arrest specific 6	
GAS7	NM_201433.2		growth arrest specific 7	
GBP2	NM_004120.3	guanylate binding protein 2, interferon-inducible	guanylate binding protein 2	
GDNF	NM_000514.2		glial cell derived neurotrophic factor	
GDPD2 GFAP	NM_001171191.1 NM_002055.4		glycerophosphodiester phosphodiesterase domain glial fibrillary acidic protein	
GIAI	1111_002033.4		gilar normally acture protein	
		CMTX1,CMTX;gap junction protein, beta 1, 32kD (connexin 32, Charcot-Marie-Tooth neuropathy, X-		
		linked),gap junction protein, beta 1, 32kDa (connexin 32, Charcot-Marie-Tooth neuropathy, X-		
GJB1	NM_000166.5	linked),gap junction protein, beta 1, 32kDa (connexin 32),gap junction protein, beta 1, 32kDa	gap junction protein beta 1	
GJD2	NM_020660.2	GJA9;gap junction protein, alpha 9, 36kDa,gap junction protein, delta 2, 36kDa	gap junction protein delta 2	
GLA	NM_000169.2		galactosidase alpha	
GLRA3 GLRB	NM_006529.3 NM_000824.4		glycine receptor alpha 3 glycine receptor beta	
GLS	NM_014905.3		glutaminase	
GLUL	NM_002065.6	GLNS;glutamate-ammonia ligase (glutamine synthase)	glutamate-ammonia ligase	
GMPR2	NM_001002001.2		guanosine monophosphate reductase 2	
GNAI1	NM_002069.4	guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 1	G protein subunit alpha i1	
				Sub-maximal transcript coverage due to
GNAS GNB1	NM_080425.1	GNAS1;guanine nucleotide binding protein (G protein), alpha stimulating activity polypeptide 1	GNAS complex locus G protein subunit beta 1	non-overlapping transcripts
GNB1 GNG2	NM_001282539.1 NM_053064.5	guanine nucleotide binding protein (G protein), beta polypeptide 1 guanine nucleotide binding protein (G protein), gamma 2	G protein subunit beta 1 G protein subunit gamma 2	
GNG2 GNG3	NM_012202.5	guanine nucleotide binding protein (G protein), gamma 2	G protein subunit gamma 3	
GNLY	NM_006433.2	LAG2	granulysin	
		glutamic-oxaloacetic transaminase 1, soluble (aspartate aminotransferase 1), glutamic-oxaloacetic		
GOT1	NM_002079.2	transaminase 1, soluble	glutamic-oxaloacetic transaminase 1	
GPHN	NM 020806.4	GPM6	gephyrin alwcoprotoin M6A	
COMICA	-		glycoprotein M6A	
GPM6A GPNMB	NM_005277.3		glycoprotein nmh	
GPNMB	NM_005277.3 NM_001005340.1	glycoprotein (transmembrane) nmb	glycoprotein nmb G protein-coupled receptor 17	
	NM_005277.3		glycoprotein nmb G protein-coupled receptor 17 G protein-coupled receptor 34	
GPNMB GPR17	NM_005277.3 NM_001005340.1 NM_001161415.1		G protein-coupled receptor 17	
GPNMB GPR17 GPR34 GPR84 GPRASP1	NM_005277.3 NM_001005340.1 NM_001161415.1 NM_005300.2 NM_020370.2 NM_001099410.1	glycoprotein (transmembrane) nmb	G protein-coupled receptor 17 G protein-coupled receptor 34 G protein-coupled receptor 84 G protein-coupled receptor 8sociated sorting protein 1	
GPNMB GPR17 GPR34 GPR84 GPRASP1 GRB2	NM_005277.3 NM_001005340.1 NM_001161415.1 NM_005300.2 NM_0020370.2 NM_001099410.1 NM_002086.4	glycoprotein (transmembrane) nmb growth factor receptor-bound protein 2	G protein-coupled receptor 17 G protein-coupled receptor 34 G protein-coupled receptor 84 G protein-coupled receptor 8sociated sorting protein 1 growth factor receptor bound protein 2	
GPNMB GPR17 GPR34 GPR84 GPRASP1 GRB2 GRIA1	NM_005277.3 NM_001005340.1 NM_001161415.1 NM_005300.2 NM_020370.2 NM_001099410.1 NM_002086.4 NM_000827.3	glycoprotein (transmembrane) nmb growth factor receptor-bound protein 2 GLUR1;glutamate receptor, ionotropic, AMPA 1	G protein-coupled receptor 17 G protein-coupled receptor 34 G protein-coupled receptor 84 G protein-coupled receptor 84 G protein-coupled receptor 84 growth factor receptor bound protein 2 glutamate ionotropic receptor AMPA type subunit 1	
GPNMB GPR17 GPR34 GPR84 GPRASP1 GRB2 GRIA1 GRIA2	NM_005277.3 NM_001005340.1 NM_001161415.1 NM_005300.2 NM_020370.2 NM_001099410.1 NM_002086.4 NM_000827.3 NM_001083620.1	glycoprotein (transmembrane) nmb growth factor receptor-bound protein 2 GLUR1;glutamate receptor, ionotropic, AMPA 1 GLUR2;glutamate receptor, ionotropic, AMPA 2	G protein-coupled receptor 17 G protein-coupled receptor 34 G protein-coupled receptor 34 G protein-coupled receptor 84 G protein-coupled receptor associated sorting protein 1 growth factor receptor bound protein 2 glutamate ionotropic receptor AMPA type subunit 1 glutamate ionotropic receptor AMPA type subunit 2	
GPNMB GPR17 GPR34 GPR84 GPRASP1 GRB2 GRIA1 GRIA2 GRIA3	NM_005277.3 NM_001005340.1 NM_001161415.1 NM_001301.2 NM_001099410.1 NM_002086.4 NM_000827.3 NM_001083620.1 NM_000828.4	glycoprotein (transmembrane) nmb growth factor receptor-bound protein 2 GLUR1;glutamate receptor, ionotropic, AMPA 1 GLUR2;glutamate receptor, ionotropic, AMPA 2 GLUR2;glutamate receptor, ionotropic, AMPA 3	G protein-coupled receptor 17 G protein-coupled receptor 34 G protein-coupled receptor 84 G protein-coupled receptor associated sorting protein 1 growth factor receptor bound protein 2 glutamate ionotropic receptor AMPA type subunit 1 glutamate ionotropic receptor AMPA type subunit 3	
GPNMB GPR17 GPR34 GPR49 GPR45P1 GRB2 GRIA1 GRIA2 GRIA3 GRIA4	NM_005277.3 NM_001005340.1 NM_001161415.1 NM_003300.2 NM_001099410.1 NM_002086.4 NM_000827.3 NM_001083620.1 NM_000828.4 NM_000828.4	glycoprotein (transmembrane) nmb growth factor receptor-bound protein 2 GLUR1;glutamate receptor, ionotropic, AMPA 1 GLUR2;glutamate receptor, ionotropic, AMPA 2 GLUR3;glutamate receptor, ionotrophic, AMPA 3 GLUR4;glutamate receptor, ionotrophic, AMPA 4	G protein-coupled receptor 17 G protein-coupled receptor 34 G protein-coupled receptor 84 G protein-coupled receptor 84 G protein-coupled receptor 84 growth factor receptor bound protein 2 glutamate ionotropic receptor AMPA type subunit 1 glutamate ionotropic receptor AMPA type subunit 2 glutamate ionotropic receptor AMPA type subunit 3 glutamate ionotropic receptor AMPA type subunit 3	
GPNMB GPR17 GPR34 GPR84 GPRASP1 GRB2 GRIA1 GRIA2 GRIA3	NM_005277.3 NM_001005340.1 NM_001161415.1 NM_003300.2 NM_001099410.1 NM_002086.4 NM_000827.3 NM_001083620.1 NM_000829.3 NM_0021956.4	glycoprotein (transmembrane) nmb growth factor receptor-bound protein 2 GLUR2;glutamate receptor, ionotropic, AMPA 1 GLUR3;glutamate receptor, ionotropic, AMPA 3 GLUR4;glutamate receptor, ionotrophic, AMPA 4 GLUR4;glutamate receptor, ionotropic, kainate 2	G protein-coupled receptor 17 G protein-coupled receptor 34 G protein-coupled receptor 34 G protein-coupled receptor 84 G protein-coupled receptor associated sorting protein 1 growth factor receptor bound protein 2 glutamate ionotropic receptor AMPA type subunit 1 glutamate ionotropic receptor AMPA type subunit 3 glutamate ionotropic receptor AMPA type subunit 4 glutamate ionotropic receptor AMPA type subunit 4	
GPNMB GPR17 GPR34 GPR84 GPRA5P1 GRB2 GRIA1 GRIA2 GRIA3 GRIA4 GRIK2	NM_005277.3 NM_001005340.1 NM_001161415.1 NM_003300.2 NM_001099410.1 NM_002086.4 NM_000827.3 NM_001083620.1 NM_000828.4 NM_000828.4	glycoprotein (transmembrane) nmb growth factor receptor-bound protein 2 GLUR1;glutamate receptor, ionotropic, AMPA 1 GLUR2;glutamate receptor, ionotropic, AMPA 2 GLUR3;glutamate receptor, ionotrophic, AMPA 3 GLUR4;glutamate receptor, ionotrophic, AMPA 4	G protein-coupled receptor 17 G protein-coupled receptor 34 G protein-coupled receptor 84 G protein-coupled receptor 84 G protein-coupled receptor 84 growth factor receptor bound protein 2 glutamate ionotropic receptor AMPA type subunit 1 glutamate ionotropic receptor AMPA type subunit 2 glutamate ionotropic receptor AMPA type subunit 3 glutamate ionotropic receptor AMPA type subunit 3	
GPNMB GPR17 GPR34 GPR34 GPR45 GRA5 GRA5 GRA3 GRIA2 GRIA3 GRIA4 GRIA4 GRIN2A GRIN2A GRIN2A GRIN3 GRN3	NM_005277.3 NM_001005340.1 NM_001161415.1 NM_002370.2 NM_002086.4 NM_000287.3 NM_001083620.1 NM_000827.3 NM_0008362.0 NM_000832.3 NM_0021956.4 NM_000833.3 NM_133445.2 NM_005160.2	glycoprotein (transmembrane) nmb growth factor receptor-bound protein 2 GLUR1;glutamate receptor, ionotropic, AMPA 1 GLUR3;glutamate receptor, ionotropic, AMPA 2 GLUR3;glutamate receptor, ionotrophic, AMPA 3 GLUR4;glutamate receptor, ionotropic, AMPA 4 GLUR4;glutamate receptor, ionotropic, Nainate 2 NMDAR2A;glutamate receptor, ionotropic, N-methyl D-aspartate 2A glutamate receptor, ionotropic, N-methyl-D-aspartate 3A ADBR82;gladrenergic, beta receptor is 2	G protein-coupled receptor 17 G protein-coupled receptor 34 G protein-coupled receptor 34 G protein-coupled receptor 84 G protein-coupled receptor associated sorting protein 1 growth factor receptor bound protein 2 glutamate ionotropic receptor AMPA type subunit 1 glutamate ionotropic receptor AMPA type subunit 3 glutamate ionotropic receptor AMPA type subunit 2 glutamate ionotropic receptor NMDA type subunit 2A glutamate ionotropic receptor NMDA type subunit 3A G protein-coupled receptor kinase 3	
GPNMB GPR17 GPR34 GPR34 GPR3591 GR82 GRIA1 GRIA2 GRIA2 GRIA3 GRIA4 GRIA4 GRIA3 GRIA3 GRIN3A GRIN3A GRIN3A GRIN3	NM_005277.3 NM_00105340.1 NM_001161415.1 NM_0020370.2 NM_002086.4 NM_000827.3 NM_001083620.1 NM_000828.4 NM_000829.3 NM_000829.3 NM_00833.3 NM_133445.2 NM_000838.3	glycoprotein (transmembrane) nmb growth factor receptor-bound protein 2 GLUR3:glutamate receptor, ionotropic, AMPA 1 GLUR2:glutamate receptor, ionotropic, AMPA 2 GLUR3:glutamate receptor, ionotrophic, AMPA 3 GLUR4:glutamate receptor, ionotrophic, AMPA 4 GLUR6:glutamate receptor, ionotropic, kainate 2 MMDRA2A;glutamate receptor, ionotropic, N-methyl D-aspartate 2A glutamate receptor, ionotropic, N-methyl-D-aspartate 3A ADR8K2;adrenergic, beta, receptor kinase 2 glutamate receptor, metabotropic 1	G protein-coupled receptor 17 G protein-coupled receptor 34 G protein-coupled receptor 34 G protein-coupled receptor 84 G protein-coupled receptor 84 G protein-coupled receptor 84 glutamate ionotropic receptor AMPA type subunit 1 glutamate ionotropic receptor AMPA type subunit 2 glutamate ionotropic receptor AMPA type subunit 1 glutamate ionotropic receptor AMPA type subunit 1 glutamate ionotropic receptor AMPA type subunit 1 glutamate ionotropic receptor AMPA type subunit 2 glutamate ionotropic receptor AMPA type subunit 2 glutamate ionotropic receptor AMPA type subunit 3 glutamate ionotropic receptor AMPA type subunit 3 glutamate ionotropic receptor NMDA type subunit 3A G protein-coupled receptor fungas 3 glutamate metabotropic receptor 1	
GPNMB GPR17 GPR34 GPR34 GPR34 GPR34 GR82 GRIA1 GRIA2 GRIA3 GRIA4 GRIA4 GRIN3A GRIN3A GRN3 GRN3 GRM1	NM_005277.3 NM_001005340.1 NM_001161415.1 NM_000109410.1 NM_002086.4 NM_000282.3 NM_001083620.1 NM_000828.4 NM_000829.3 NM_021956.4 NM_00083.3 NM_021956.4 NM_00083.3 NM_021956.4 NM_00083.3 NM_005160.2 NM_000838.3 NM_005160.2 NM_00038.3	glycoprotein (transmembrane) nmb growth factor receptor-bound protein 2 GLUR1;glutamate receptor, ionotropic, AMPA 1 GLUR2;glutamate receptor, ionotropic, AMPA 2 GLUR3;glutamate receptor, ionotropic, AMPA 3 GLUR4;glutamate receptor, ionotropic, AMPA 4 GLUR5;glutamate receptor, ionotropic, AMPA 4 GLUR5;glutamate receptor, ionotropic, N-methyl D-aspartate 2A glutamate receptor, ionotropic, N-methyl D-aspartate 3A ADR8K2;adrenergic, beta, receptor kinase 2 glutamate receptor, metabotropic 1 glutamate receptor, metabotropic 2	G protein-coupled receptor 17 G protein-coupled receptor 34 G protein-coupled receptor 34 G protein-coupled receptor 84 G protein-coupled receptor 84 G protein-coupled receptor AUPA type subunit 1 glutamate ionotropic receptor AMPA type subunit 2 glutamate ionotropic receptor AMPA type subunit 3 glutamate ionotropic receptor AMPA type subunit 2 glutamate ionotropic receptor NMDA type subunit 2A glutamate ionotropic receptor NMDA type subunit 3 G protein-coupled receptor kinase 3 glutamate metabotropic receptor 1 glutamate metabotropic receptor 2	
GPNMB GPR17 GPR34 GPR34 GPR34 GPR34 GPR32 GRIA1 GRIA2 GRIA3 GRIA3 GRIA3 GRIA3 GRIA3 GRIN3A GRIN3A GRN1 GRN1 GRM2 GRM7	NM_005277.3 NM_001005340.1 NM_001161415.1 NM_001161415.1 NM_002370.2 NM_00109410.1 NM_002086.4 NM_000827.3 NM_001083620.1 NM_0008362.0 NM_0021956.4 NM_000833.3 NM_133445.2 NM_005160.2 NM_000838.3 NM_001616.2 NM_000844.2	glycoprotein (transmembrane) nmb growth factor receptor-bound protein 2 GLUR3:glutamate receptor, ionotropic, AMPA 1 GLUR2:glutamate receptor, ionotropic, AMPA 2 GLUR3:glutamate receptor, ionotrophic, AMPA 3 GLUR4:glutamate receptor, ionotrophic, AMPA 4 GLUR6:glutamate receptor, ionotropic, kainate 2 MMDRA2A;glutamate receptor, ionotropic, N-methyl D-aspartate 2A glutamate receptor, ionotropic, N-methyl-D-aspartate 3A ADR8K2;adrenergic, beta, receptor kinase 2 glutamate receptor, metabotropic 1	G protein-coupled receptor 17 G protein-coupled receptor 34 G protein-coupled receptor 34 G protein-coupled receptor 84 G protein-coupled receptor 84 G protein-coupled receptor AubA type subunit 1 glutamate ionotropic receptor AMPA type subunit 2 glutamate ionotropic receptor AMPA type subunit 3 glutamate ionotropic receptor AMPA type subunit 2 glutamate ionotropic receptor AMPA type subunit 3 G protein-coupled receptor NMDA type subunit 3A G protein-coupled receptor kinase 3 glutamate metabotropic receptor 1 glutamate metabotropic receptor 2 glutamate metabotropic receptor 7	
GPNMB GPR17 GPR34 GPR34 GPR351 GRR2 GRIA1 GRIA2 GRIA2 GRIA2 GRIA2 GRIA2 GRIX3 GRK3 GRM1 GRM7 GRM7 GRM7	NM_005277.3 NM_001005340.1 NM_001161415.1 NM_00300.2 NM_00109410.1 NM_002086.4 NM_000827.3 NM_001083620.1 NM_000828.4 NM_000828.4 NM_000828.3 NM_021956.4 NM_000833.3 NM_133445.2 NM_005160.2 NM_000838.3 NM_0349116.2 NM_000844.2 NM_000844.2 NM_000844.2	glycoprotein (transmembrane) nmb growth factor receptor-bound protein 2 GLUR1;glutamate receptor, ionotropic, AMPA 1 GLUR2;glutamate receptor, ionotropic, AMPA 2 GLUR3;glutamate receptor, ionotropic, AMPA 3 GLUR4;glutamate receptor, ionotropic, AMPA 4 GLUR5;glutamate receptor, ionotropic, AMPA 4 GLUR5;glutamate receptor, ionotropic, N-methyl D-aspartate 2A glutamate receptor, ionotropic, N-methyl D-aspartate 3A ADR8K2;adrenergic, beta, receptor kinase 2 glutamate receptor, metabotropic 1 glutamate receptor, metabotropic 2	G protein-coupled receptor 17 G protein-coupled receptor 34 G protein-coupled receptor 34 G protein-coupled receptor 84 G protein-coupled receptor 84 G protein-coupled receptor AMPA type subunit 1 glutamate ionotropic receptor AMPA type subunit 2 glutamate ionotropic receptor AMPA type subunit 1 glutamate ionotropic receptor AMPA type subunit 1 glutamate ionotropic receptor AMPA type subunit 1 glutamate ionotropic receptor AMPA type subunit 2 glutamate ionotropic receptor AMPA type subunit 3 glutamate ionotropic receptor AMPA type subunit 3 glutamate ionotropic receptor AMPA type subunit 3 glutamate ionotropic receptor NMDA type subunit 3A G protein-coupled receptor rimase 3 glutamate metabotropic receptor 1 glutamate metabotropic receptor 2 glutamate metabotropic receptor 7 granulin precursor	
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GPNMB GPR17 GPR34 GPR34 GPR35 GRR2 GRIA1 GRIA2 GRIA2 GRIA2 GRIA3 GRIA4 GRIN2A GRIN2A GRIN2 GRN3 GRM1 GRM7 GRN GSK3B GSN	NM_005277.3 NM_00105340.1 NM_001161415.1 NM_001161415.1 NM_002370.2 NM_002086.4 NM_000827.3 NM_00103826.1 NM_000828.4 NM_0008362.0 NM_0008362.0 NM_00083.3 NM_133445.2 NM_000836.2 NM_00287.2 NM_00084.2 NM_000177.4	glycoprotein (transmembrane) nmb growth factor receptor-bound protein 2 GLUR1;glutamate receptor, ionotropic, AMPA 1 GLUR2;glutamate receptor, ionotropic, AMPA 2 GLUR3;glutamate receptor, ionotropic, AMPA 3 GLUR4;glutamate receptor, ionotropic, AMPA 4 GLUR4;glutamate receptor, ionotropic, skinate 2 NMDAR2A;glutamate receptor, ionotropic, N-methyl D-aspartate 3A ADBR82;adrenergic, beta receptor isase 2 glutamate receptor, metabotropic 1 glutamate receptor, metabotropic 2 glutamate receptor, metabotropic 7 gelsolin (amyloidosis, Finnish type)	G protein-coupled receptor 17 G protein-coupled receptor 34 G protein-coupled receptor 84 G protein-coupled receptor 84 G protein-coupled receptor 84 G protein-coupled receptor AMPA type subunit 1 glutamate ionotropic receptor AMPA type subunit 2 glutamate ionotropic receptor AMPA type subunit 2 glutamate ionotropic receptor AMPA type subunit 3 glutamate metabotropic receptor 1 glutamate metabotropic receptor 7 granulin precursor glycogen synthase kinase 3 beta gelsolin	
GPNMB GPR17 GPR34 GPR34 GPR351 GRB2 GRIA1 GRIA2 GRIA2 GRIA2 GRIA2 GRIA2 GRIA3 GRIM3 GRIN2A GRM1 GRM7 GRM7 GRM7 GRM7 GRM7 GSX3B GSXMA GZMHA	NM_005277.3 NM_001005340.1 NM_001161415.1 NM_001161415.1 NM_002086.4 NM_002086.4 NM_000827.3 NM_001083620.1 NM_000828.4 NM_000828.4 NM_000828.4 NM_000828.3 NM_021956.4 NM_000833.3 NM_133445.2 NM_000833.3 NM_03160.2 NM_000838.3 NM_00383.3 NM_00383.3 NM_00383.2 NM_002085.4 NM_002085.	glycoprotein (transmembrane) nmb growth factor receptor-bound protein 2 GLUR1;glutamate receptor, ionotropic, AMPA 1 GLUR2;glutamate receptor, ionotropic, AMPA 2 GLUR3;glutamate receptor, ionotropic, AMPA 4 GLUR4;glutamate receptor, ionotropic, AMPA 4 GLUR4;glutamate receptor, ionotropic, Namethyl D-aspartate 2A glutamate receptor, ionotropic, N-methyl-D-aspartate 3A ADBR82;adrenergic, beta, receptor iisase 2 glutamate receptor, metabotropic 1 glutamate receptor, metabotropic 7 glutamate receptor, metabotropic 7 glesolin (amyloidosis, Finnish type) HFSP, CTLA3;granzyme A (granzyme 1, cytotoxic T-lymphocyte-associated serine esterase 3) CTLA1,CSPB;granzyme B (granzyme 2, cytotoxic T-lymphocyte-associated serine esterase 1) CTLSGL2;granzyme H (cathepsin G-like 2, protein h-CCPX)	G protein-coupled receptor 17 G protein-coupled receptor 34 G protein-coupled receptor 34 G protein-coupled receptor 84 G protein-coupled receptor 84 G protein-coupled receptor 84 G protein-coupled receptor AMPA type subunit 1 glutamate ionotropic receptor AMPA type subunit 2 glutamate ionotropic receptor AMPA type subunit 1 glutamate ionotropic receptor AMPA type subunit 1 glutamate ionotropic receptor AMPA type subunit 1 glutamate ionotropic receptor AMPA type subunit 3 glutamate metabotropic receptor 1 glutamate metabotropic receptor 1 glutamate metabotropic receptor 7 granulin precursor glycogen synthase kinase 3 beta gelsolin granzyme A granzyme B granzyme H	
GPNMB GPR17 GPR34 GPR34 GPR371 GRB2 GRIA2 GRIA2 GRIA2 GRIA4 GRIA2 GRIA3 GRIA4 GRIV3A GRW12 GRM1 GRM1 GRM2 GRM7 GRN GSX3B GZMA GZMB GZMH HACD2	NM_005277.3 NM_001005340.1 NM_001161415.1 NM_001161415.1 NM_002300.2 NM_001099410.1 NM_002086.4 NM_000827.3 NM_001083620.1 NM_000828.3 NM_012956.4 NM_000828.3 NM_01349156.2 NM_00383.3 NM_01349116.2 NM_000844.2 NM_000844.2 NM_002093.2 NM_00177.4 NM_000174.2 NM_000174.2 NM_00144.2 NM_00174.4 NM_000174.4 NM_00144.2 NM_00174.4 NM_00144.2 NM_00174.4 NM_00144.2 NM_0014.2 NM_0014.2 NM_0014.2 NM_0014.2 NM_0014.2 NM_0014.2 NM_0014.2 NM_0014.2 NM_0014.2 NM_0014.2 NM_0014.2 NM_0014.2 NM_0014.2 NM_0014.2 NM_0014.2 NM_0014.2 NM_0014.2 NM_0014.2 NM_0014.2 NM	glycoprotein (transmembrane) nmb growth factor receptor-bound protein 2 GLUR2;glutamate receptor, ionotropic, AMPA 1 GLUR3;glutamate receptor, ionotropic, AMPA 2 GLUR3;glutamate receptor, ionotropic, kainate 2 MDDAR2A;glutamate receptor, ionotropic, kainate 2 MDDAR2A;glutamate receptor, ionotropic, kainate 2 MDDAR2A;glutamate receptor, ionotropic, N=methyl D-aspartate 2A glutamate receptor, ionotropic, N=methyl D-aspartate 2A ADR8K2;adrenergic, beta, receptor kinase 2 glutamate receptor, metabotropic 1 glutamate receptor, metabotropic 2 glutamate receptor, metabotropic 7 gelsolin (amyloidosis, Finnish type) HFSP,CTLA3;granzyme A (granzyme 1, cytotoxic T-lymphocyte-associated serine esterase 1) CTSA1,CSPB;granzyme B (granzyme 2, cytotoxic T-lymphocyte-associated serine esterase 1) CTSA1,CSPB;granzyme H (cathepsin G-like 2, protein h-CCPX) PTPLB;protein trycsine phosphatase-like (proline instead of catalytic arginine), member b	G protein-coupled receptor 17 G protein-coupled receptor 34 G protein-coupled receptor 84 G protein-coupled receptor 84 G protein-coupled receptor 84 G protein-coupled receptor 84 growth factor receptor bound protein 2 glutamate ionotropic receptor AMPA type subunit 1 glutamate ionotropic receptor AMPA type subunit 2 glutamate ionotropic receptor AMPA type subunit 3 glutamate ionotropic receptor AMPA type subunit 2 glutamate ionotropic receptor AMPA type subunit 2 glutamate ionotropic receptor AMPA type subunit 2 glutamate ionotropic receptor NMDA type subunit 2A glutamate ionotropic receptor NMDA type subunit 2A glutamate ionotropic receptor NMDA type subunit 3 glutamate metabotropic receptor 1 glutamate metabotropic receptor 7 granulin precursor glycogen synthase kinase 3 beta gesolin granzyme A granzyme A granzyme H 3-hydroxyacyl-CoA dehydratase 2	
GPNMB GPR17 GPR34 GPR34 GPR351 GRB2 GRIA1 GRIA2 GRIA2 GRIA2 GRIA2 GRIA2 GRIA3 GRIM3 GRIN2A GRM1 GRM7 GRM7 GRM7 GRM7 GRM7 GSX3B GSXMA GZMHA	NM_005277.3 NM_001005340.1 NM_001161415.1 NM_001161415.1 NM_002086.4 NM_002086.4 NM_000827.3 NM_001083620.1 NM_000828.4 NM_000828.4 NM_000828.4 NM_000828.3 NM_021956.4 NM_000833.3 NM_133445.2 NM_000833.3 NM_03160.2 NM_000838.3 NM_00383.3 NM_00383.3 NM_00383.2 NM_002085.4 NM_002085.	glycoprotein (transmembrane) nmb growth factor receptor-bound protein 2 GLUR1;glutamate receptor, ionotropic, AMPA 1 GLUR3;glutamate receptor, ionotropic, AMPA 2 GLUR3;glutamate receptor, ionotropic, AMPA 3 GLUR4;glutamate receptor, ionotropic, AMPA 4 GLUR4;glutamate receptor, ionotropic, N-methyl D-aspartate 3A ADBR82;afternergic, betar, ionetropic, N-methyl D-aspartate 3A ADBR82;afternergic, betar, receptor kinase 2 glutamate receptor, metabotropic 1 glutamate receptor, metabotropic 2 glutamate receptor, metabotropic 7 gelsolin (amyloidosis, Finnish type) HF5P,CTLA3;granzyme A (granzyme 1, cytotoxic T-lymphocyte-associated serine esterase 3) CTLA1,CSPB;granzyme B (igranzyme 2, cytotoxic T-lymphocyte-associated serine esterase 1) CTS41;guranze h (cathepsin G-like 2, protein h-CCPX) PTPLB;protein tyrosine phosphatase-like (A domain containing 1	G protein-coupled receptor 17 G protein-coupled receptor 34 G protein-coupled receptor 34 G protein-coupled receptor 84 G protein-coupled receptor 84 G protein-coupled receptor 84 G protein-coupled receptor AMPA type subunit 1 glutamate ionotropic receptor AMPA type subunit 2 glutamate ionotropic receptor AMPA type subunit 1 glutamate ionotropic receptor AMPA type subunit 1 glutamate ionotropic receptor AMPA type subunit 1 glutamate ionotropic receptor AMPA type subunit 3 glutamate metabotropic receptor 1 glutamate metabotropic receptor 1 glutamate metabotropic receptor 7 granulin precursor glycogen synthase kinase 3 beta gelsolin granzyme A granzyme B granzyme H	
GPNMB GPR17 GPR34 GPR34 GPR351 GRB2 GRIA1 GRIA2 GRIA2 GRIA2 GRIA2 GRIA2 GRIA2 GRIA3 GRIA4 GRIX2 GRM1 GRM7 GRM GSX3B GSX GZMA GZMH HACD2 HACD3	NM_005277.3 NM_001005340.1 NM_001161415.1 NM_001161415.1 NM_002300.2 NM_001099410.1 NM_002086.4 NM_000827.3 NM_001083620.1 NM_000828.3 NM_021956.4 NM_000828.3 NM_021956.4 NM_000833.3 NM_133445.2 NM_000833.3 NM_0349116.2 NM_000838.3 NM_001349116.2 NM_00084.2 NM_00084.2 NM_000287.2 NM_000141.3 NM_002093.2 NM_000177.4 NM_000141.3 NM_004131.3 NM_004131.3 NM_004131.3 NM_004131.3 NM_00432.2 NM_00635.2	glycoprotein (transmembrane) nmb growth factor receptor-bound protein 2 GLUR1;glutamate receptor, ionotropic, AMPA 1 GLUR2;glutamate receptor, ionotropic, AMPA 2 GLUR3;glutamate receptor, ionotropic, AMPA 4 GLUR4;glutamate receptor, ionotropic, AMPA 4 GLUR4;glutamate receptor, ionotropic, AmPA 4 GLUR4;glutamate receptor, ionotropic, N-methyl D-aspartate 2A glutamate receptor, ionotropic, N-methyl-D-aspartate 3A ADBR82;adrenergic, beta, receptor kinase 2 glutamate receptor, metabotropic 2 glutamate receptor, metabotropic 7 glstomate receptor, metabotropic 7 glstomate receptor, metabotropic 7 GLUR3;granzyme A (granzyme 1, cytotoxic T-lymphocyte-associated serine esterase 3) CTISGL2;granzyme H (granzyme 2, cytotoxic T-lymphocyte-associated serine esterase 1) CTISGL2;granzyme H (granzyme 2, cytotoxic T-lymphocyte-associated serine esterase 1) CTISGL2;granzyme H (granzyme 3, cytotoxic T-lymphocyte-associated serine esterase 1) CTISGL2;granzyme H (granzyme 4, cytotoxic T-lymphocyte-associated serine esterase 1) CTISGL2;granzyme H (gathesin G-like 2, protein h-CCPX) PTPLB;protein tyrosine phosphatase-like (proline instead of catalytic arginine), member b PTPLAD1;protein tyrosine phosphatase-like A domain containing 1 HADHSC;L'3-hydroxyacyl-Coenzyme A dehydrogenase, short Chain/hydroxyacyl-Coenzyme A	G protein-coupled receptor 17 G protein-coupled receptor 34 G protein-coupled receptor 84 G protein-coupled receptor 84 G protein-coupled receptor 84 G protein-coupled receptor AMPA type subunit 1 glutamate ionotropic receptor AMPA type subunit 2 glutamate ionotropic receptor AMPA type subunit 1 glutamate ionotropic receptor AMPA type subunit 1 glutamate ionotropic receptor AMPA type subunit 2 glutamate ionotropic receptor AMPA type subunit 3 glutamate ionotropic receptor NMDA type subunit 3 glutamate metabotropic receptor 2 glutamate metabotropic receptor 2 glutamate metabotropic receptor 7 granulin precursor glycogen synthase kinase 3 beta gelsolin granzyme A granzyme B granzyme H 3-hydroxyacyl-CoA dehydratase 2 3-hydroxyacyl-CoA dehydratase 3	
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			hyperpolarization activated cyclic nucleotide gated	
HCN1	NM_021072.2	BCNG1; hyperpolarization activated cyclic nucleotide-gated potassium channel 1	potassium channel 1	
HDAC2	NM_001527.1		histone deacetylase 2	
HDC	NM_002112.3		histidine decarboxylase	
HECTD1	NM_015382.2	HECT domain containing E3 ubiquitin protein ligase 1	HECT domain E3 ubiquitin protein ligase 1	
HEXB	NM_000521.3	hexosaminidase B (beta polypeptide)	hexosaminidase subunit beta	
HILPDA	NM_013332.1	C7orf68;chromosome 7 open reading frame 68,hypoxia inducible lipid droplet-associated	hypoxia inducible lipid droplet associated	
HK1	NM_033496.2		hexokinase 1	
HLA-A	NM_002116.5		major histocompatibility complex, class I, A	
HLA-E HMGB1	NM_005516.5 NM_002128.4	HMG1; high-mobility group (nonhistone chromosomal) protein 1, high-mobility group box 1	major histocompatibility complex, class I, E high mobility group box 1	
HMOX1	NM_002128.4 NM_002133.2	heme oxygenase (decycling) 1	heme oxygenase 1	
HPGDS	NM_014485.2	neme oxygenase (uccycling) I	hematopoietic prostaglandin D synthase	
HSD11B1	NM_181755.1	HSD11B,HSD11;hydroxysteroid (11-beta) dehydrogenase 1	hydroxysteroid 11-beta dehydrogenase 1	
HSD17B4	NM_000414.3	hydroxysteroid (17-beta) dehydrogenase 4	hydroxysteroid 17-beta dehydrogenase 4	
		HSPC2, HSPCB; heat shock 90kD protein 1, beta, heat shock 90kDa protein 1, beta, heat shock protein		
HSP90AB1	NM_007355.3	90kDa alpha (cytosolic), class B member 1	heat shock protein 90 alpha family class B member 1	
HSPA1A	NM_005345.5	HSPA1;heat shock 70kD protein 1A,heat shock 70kDa protein 1A	heat shock protein family A (Hsp70) member 1A	HSPA1B (NM_005346)
HSPA9	NM_004134.4	HSPA9B;heat shock 70kDa protein 9B (mortalin-2),heat shock 70kDa protein 9 (mortalin)	heat shock protein family A (Hsp70) member 9	
117054		5-hydroxytryptamine (serotonin) receptor 5A,5-hydroxytryptamine (serotonin) receptor 5A, G protein-		
HTR5A ICAM2	NM_024012.2 NM_000873.3	coupled	5-hydroxytryptamine receptor 5A intercellular adhesion molecule 2	
IFIT1	NM_001548.3	G10P1,IFI56,IFNAI1;interferon-induced protein with tetratricopeptide repeats 1	interferon induced protein with tetratricopeptide repeats 1	
	1111_001010	IFIT4;interferon-induced protein with tetratricopeptide repeats 4,interferon-induced protein with		
IFIT3	NM 001031683.2	tetratricopeptide repeats 3	interferon induced protein with tetratricopeptide repeats 3	
IFNAR1	NM_000629.2	IFNAR; interferon (alpha, beta and omega) receptor 1	interferon alpha and beta receptor subunit 1	
IFNGR2	NM_005534.3	IFNGT1;interferon gamma receptor 2 (interferon gamma transducer 1)	interferon gamma receptor 2	
IGF1	NM_000618.3	insulin-like growth factor 1 (somatomedin C)	insulin like growth factor 1	
IGFBP5	NM_000599.3	insulin-like growth factor binding protein 5	insulin like growth factor binding protein 5	
IL10	NM_000572.2		interleukin 10	
IL10RA	NM_001558.2	IL10R;interleukin 10 receptor, alpha	interleukin 10 receptor subunit alpha interleukin 18	
IL18	NM_001562.3 NM_000575.3	interleukin 18 (interferon-gamma-inducing factor)		
IL1A IL1B	NM_000576.2		interleukin 1 alpha interleukin 1 beta	
IL21R	NM 181079.4		interleukin 21 receptor	
IL34	NM_152456.1	C16orf77;chromosome 16 open reading frame 77	interleukin 34	
IL4	NM_000589.2		interleukin 4	
IL6	NM_000600.3	IFNB2;interleukin 6 (interferon, beta 2)	interleukin 6	
IMMT	NM_006839.2	inner membrane protein, mitochondrial (mitofilin)	inner membrane mitochondrial protein	
INA	NM_032727.4	NEF5; internexin neuronal intermediate filament protein, alpha	internexin neuronal intermediate filament protein alpha	
INPP5F	NM_001243194.1		inositol polyphosphate-5-phosphatase F	
IP6K2	NM_001005910.2	IHPK2;inositol hexaphosphate kinase 2	inositol hexakisphosphate kinase 2	
IRF8	NM_002163.2	ICSBP1;interferon consensus sequence binding protein 1	interferon regulatory factor 8	
ISLR2 ITGA7	NM_001130136.1 NM_002206.1	integrin alpha 7	immunoglobulin superfamily containing leucine rich repeat	
IIGA7	NIVI_002206.1	integrin, alpha 7 CR3A,CD11B;integrin, alpha M (complement component receptor 3, alpha; also known as CD11b	integrin subunit alpha 7	
		(p170), macrophage antigen alpha polypeptide), integrin, alpha M (complement component 3 receptor		
ITGAM	NM_000632.3	3 subunit)	integrin subunit alpha M	
		CD11C;integrin, alpha X (antigen CD11C (p150), alpha polypeptide),integrin, alpha X (complement		
ITGAX	NM_000887.4	component 3 receptor 4 subunit)	integrin subunit alpha X	
ITM2A	NM_004867.4		integral membrane protein 2A	
		SCA15,SCA16,SCA29;spinocerebellar ataxia 15,spinocerebellar ataxia 16,spinocerebellar ataxia		
ITPR1	NM_001099952.2	29, inositol 1,4,5-trisphosphate receptor, type 1	inositol 1,4,5-trisphosphate receptor type 1	
JAK1	NM_002227.1	JAK1B	Janus kinase 1	
JAK2	NM_004972.3		Janus kinase 2	
JUN	NM_002228.3	v-jun avian sarcoma virus 17 oncogene homolog,jun oncogene	Jun proto-oncogene, AP-1 transcription factor subunit	
KCNAB1	NM_003471.3	potassium voltage-gated channel, shaker-related subfamily, beta member 1	potassium voltage-gated channel subfamily A member regulatory beta subunit 1	
KCNADI	NNI_003471.5	potassium voltage-gated channel, Shal-related subfamily, member 1, potassium channel, voltage gated		
KCND1	NM_004979.4	Shal related subfamily D, member 1	potassium voltage-gated channel subfamily D member 1	
KCND2	NM_012281.3	potassium voltage-gated channel, Shal-related subfamily, member 2	potassium voltage-gated channel subfamily D member 2	
	-	potassium channel, subfamily K, member 13, potassium channel, two pore domain subfamily K,	potassium two pore domain channel subfamily K member	
KCNK13	NM_022054.3	member 13	13	
		EBN2; potassium voltage-gated channel, KQT-like subfamily, member 3, potassium channel, voltage		
KCNQ3	NM_004519.2	gated KQT-like subfamily Q, member 3	potassium voltage-gated channel subfamily Q member 3	
		potassium voltage-gated channel, KQT-like subfamily, member 5, potassium channel, voltage gated		
KCNQ5	NM_001160132.1	KQT-like subfamily Q, member 5	potassium voltage-gated channel subfamily Q member 5	
1/Ch11/4	NIA 044270 2	potassium channel, subfamily V, member 1, potassium channel, voltage gated modifier subfamily V,	potassium voltage-gated channel modifier subfamily V	
KCINV1	NM_014379.2	member 1 C13orf2;chromosome 13 open reading frame 2,potassium channel tetramerisation domain containing	member 1	
KCTD12	NM_138444.2	Cl3orf2;chromosome 13 open reading frame 2,potassium channel tetramerisation domain containing 12	potassium channel tetramerization domain containing 12	
KHSRP	NM 001366299.1	12	KH-type splicing regulatory protein	
	00100255.1			KIR2DS2
			killer cell immunoglobulin like receptor, two Ig domains and	
KIR2DL3	NM_015868.2	killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 3	long cytoplasmic tail 3	91695), KIR2DL2 (NM_014219)
				(NM_001282171;NM_001282170;NM_0
				01083539), KIR3DL2
			killer cell immunoglobulin like receptor, three Ig domains	(NM_001242867;NM_006737),
KIR3DL1	NM_001322168.1	KIR;killer cell immunoglobulin-like receptor, three domains, long cytoplasmic tail, 1	and long cytoplasmic tail 1	LOC112268355 (NM_001368254)
			killer cell immunoglobulin like receptor, three Ig domains	
KIR3DL2	NM_006737.2	killer cell immunoglobulin-like receptor, three domains, long cytoplasmic tail, 2	and long cytoplasmic tail 2	
KITLG KLHL12	NM_003994.5 NM_021633.2	MGF kelch-like 12 (Drosophila)	KIT ligand kelch like family member 12	
KLRB1	NM_002258.2	NKR;killer cell lectin-like receptor subfamily B, member 1	killer cell lectin like receptor B1	
KLRD1	NM_001351060.1	CD94;killer cell lectin-like receptor subfamily D, member 1	killer cell lectin like receptor D1	
		D1252489E;DNA segment on chromosome 12 (unique) 2489 expressed sequence,killer cell lectin-like		
KLRK1	NM_007360.1	receptor subfamily K, member 1	killer cell lectin like receptor K1	
KPNA1	NM_002264.2	karyopherin alpha 1 (importin alpha 5), karyopherin alpha 1	karyopherin subunit alpha 1	
		KRAS2;v-Ki-ras2 Kirsten rat sarcoma 2 viral oncogene homolog,v-Ki-ras2 Kirsten rat sarcoma viral		
KRAS	NM_033360.2	oncogene homolog, Kirsten rat sarcoma viral oncogene homolog	KRAS proto-oncogene, GTPase	
LAG3	NM_002286.5	lymphocyte-activation gene 3	lymphocyte activating 3	
LAIR1	NM_001289023.2	leukocyte-associated Ig-like receptor 1, leukocyte-associated immunoglobulin-like receptor 1	leukocyte associated immunoglobulin like receptor 1	
LAMP1 LAMP2	NM_005561.3 NM_002294.2	lysosomal-associated membrane protein 1	lysosomal associated membrane protein 1	
LAIVIPZ	NIVI_002294.2	lysosomal-associated membrane protein 2 MAP2K1IP1,MAPKSP1;mitogen-activated protein kinase kinase 1 interacting protein 1,MAPK scaffold	lysosomal associated membrane protein 2 late endosomal/lysosomal adaptor, MAPK and MTOR	
LAMTOR3	NM_001243736.1	map2K1IP1,MAPKSP1;mitogen-activated protein kinase kinase 1 interacting protein 1,MAPK scattold protein 1	activator 3	
LGALS3	NM_001243738.1	LGALS2;lectin, galactoside-binding, soluble, 3	galectin 3	
LGMN	NM_001008530.2	PRSC1;protease, cysteine, 1 (legumain)	legumain	
LILRB4	NM_001278429.3	leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 4	leukocyte immunoglobulin like receptor B4	
LPAR6	NM_005767.3	P2RY5;purinergic receptor P2Y, G-protein coupled, 5	lysophosphatidic acid receptor 6	
LPL	NM_000237.2	LIPD	lipoprotein lipase	
LRRC25	NM_145256.2		leucine rich repeat containing 25	
LRRC7	NM_020794.2		leucine rich repeat containing 7	
LSR	NM_205835.3		lipolysis stimulated lipoprotein receptor	
LTA4H	NM_001256643.1		leukotriene A4 hydrolase	

LTC4S	NM_145867.1		leukotriene C4 synthase	
YZ	NM_000239.2	lysozyme (renal amyloidosis)	lysozyme	
MAD2L1	NM_002358.3	MAD2 (mitotic arrest deficient, yeast, homolog)-like 1 KRML;Kreisler (mouse) maf-related leucine zipper homolog,v-maf avian musculoaponeurotic	mitotic arrest deficient 2 like 1	
1AFB	NM_005461.4	fibrosarcoma oncogene homolog B	MAF bZIP transcription factor B	
1AG	NM_001199216.1	GMA	myelin associated glycoprotein	
IAL2	NM_052886.2	mal, T-cell differentiation protein 2 (gene/pseudogene)	mal, T cell differentiation protein 2 (gene/pseudogene)	
AP1LC3B	NM_022818.5		microtubule associated protein 1 light chain 3 beta	MAP1LC3B2 (NM_001085481)
AP2	NM_001039538.1		microtubule associated protein 2	
AP2K1	NM_002755.3	PRKMK1	mitogen-activated protein kinase kinase 1	
AP2K4	NM_003010.2	SERK1	mitogen-activated protein kinase kinase 4	
AP3K4	NM_005922.2	MEKK4	mitogen-activated protein kinase kinase kinase 4	
APK1	NM_138957.2	PRKM2,PRKM1	mitogen-activated protein kinase 1	
APK10	NM_138981.2	PRKM10	mitogen-activated protein kinase 10	
APK13	NM_002754.3	PRKM13	mitogen-activated protein kinase 13	
APK14	NM_001315.2	CSPB1,CSBP1,CSBP2	mitogen-activated protein kinase 14	
APK8	NM_002750.2	PRKM8	mitogen-activated protein kinase 8	
APK9	NM_001135044.1	PRKM9	mitogen-activated protein kinase 9	
1APT	NM_016834.4	DDPAC,MAPTL	microtubule associated protein tau	
1BP	NM_002385.2	membrane-bound transcription factor protease, site 1	myelin basic protein membrane bound transcription factor peptidase, site 1	
1BTPS1 1EAF6	NM_003791.2			
1EF2A	NM_001270875.2 NM_005587.2	C1orf149;chromosome 1 open reading frame 149,MYST/Esa1-associated factor 6	MYST/Esa1 associated factor 6 myocyte enhancer factor 2A	
IERTK	NM_006343.2	c-mer proto-oncogene tyrosine kinase	MER proto-oncogene, tyrosine kinase	
1KI67	NM_002417.2	antigen identified by monoclonal antibody Ki-67	marker of proliferation Ki-67	
IKRN1		ancigen identified by monocional ancioody ki-o/		
1MUT	NM_013446.4 NM_000255.2	MUT;methylmalonyl Coenzyme A mutase	makorin ring finger protein 1	
10G		wor; methylmalonyl coenzyme A mutase	methylmalonyl-CoA mutase	
	NM_001008228.2 NM 152866.2	CD20-members exercise 4 demains subfamily 4 member 1	myelin oligodendrocyte glycoprotein	
1S4A1	NIVI_152866.2	CD20;membrane-spanning 4-domains, subfamily A, member 1	membrane spanning 4-domains A1	
		FCER1B,IGER,APY;IgE responsiveness (atopic),membrane-spanning 4-domains, subfamily A, member 2 (Ec fragment of IgE_high affinity I_recentor for: beta polypentide) membrane-spanning 4-domains		
16113	NM 000120 2	(Fc fragment of IgE, high affinity I, receptor for; beta polypeptide),membrane-spanning 4-domains,	membrane coopping 4 domeine 42	
AS4A2	NM_000139.3	subfamily A, member 2 MS4A4;membrane-spanning 4-domains, subfamily A, member 4,membrane-spanning 4-domains,	membrane spanning 4-domains A2	
AS4A4A	NM_001243266.1	MS4A4;membrane-spanning 4-domains, subramily A, member 4,membrane-spanning 4-domains, subfamily A, member 4A	membrane spanning 4-domains A4A	
/IS4A4A /ISR1	NM_001243266.1 NM_002445.3	Sublaminy A, HEHDEL 4A	membrane spanning 4-domains A4A macrophage scavenger receptor 1	
ASR1 ATMR4	NM_002445.3 NM_004687.4		macrophage scavenger receptor 1 myotubularin related protein 4	
ALL WIRH	11110_004067.4	EPAD EPAD2 EPAD1-EKS06 hinding protein 12 repenyein accordiated archein 1 menhanistic toront of	myotabalarin related proteill 4	
ATOR	NM 004958.3	FRAP,FRAP2,FRAP1;FK506 binding protein 12-rapamycin associated protein 1,mechanistic target of	mechanistic target of ranamycin kingen	
ATOR	11111_004958.3	rapamycin (serine/threonine kinase),mechanistic target of rapamycin myxovirus (influenza) resistance 1, homolog of murine (interferon-inducible protein p78),myxovirus	mechanistic target of rapamycin kinase	
ИX1	NM 002462.2		MAY descends the CTD on A	
	NM_002462.2 NM 025107.2	(influenza virus) resistance 1, interferon-inducible protein p78 (mouse)	MX dynamin like GTPase 1	
AYCT1		MVH12:myocin V/A (hoose polycoptide 12, myoyin) myocin V/A (hoose chain 12, myoyin)	MYC target 1	
AYO5A	NM_000259.1 NM 020702.5	MYH12;myosin VA (heavy polypeptide 12, myoxin),myosin VA (heavy chain 12, myoxin)	myosin VA	
AYORG	-	KIAA1161;KIAA1161	myogenesis regulating glycosidase (putative)	
/YRF	NM_013279.4	C11orf9;chromosome 11 open reading frame 9	myelin regulatory factor	
IAP1L2	NM_021963.4	nucleosome assembly protein 1-like 2	nucleosome assembly protein 1 like 2	
ICAM1	NM_000615.5		neural cell adhesion molecule 1	
ICAM2	NM_004540.4	cenes de la	neural cell adhesion molecule 2 neurocan	
	NM_004386.3	CSPG3;chondroitin sulfate proteoglycan 3		
NCF1	NM_000265.4	neutrophil cytosolic factor 1 (47kD, chronic granulomatous disease, autosomal 1)	neutrophil cytosolic factor 1	
NCKAP1	NM_013436.3	1/04 has been to entire 04 (merce) here les (estimation NK recenter, NK e4C)	NCK associated protein 1	
NCR1	NM_004829.5	LY94; lymphocyte antigen 94 (mouse) homolog (activating NK-receptor; NK-p46)	natural cytotoxicity triggering receptor 1	
	NINA 004544.2	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 10 (42kD), NADH dehydrogenase (ubiquinone		
NDUFA10	NM_004544.3	1 alpha subcomplex, 10, 42kDa	NADH:ubiquinone oxidoreductase subunit A10	
000505		NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 5 (16kD, SGDH),NADH dehydrogenase	NADU - March - Colored - March - Colored - Colored	
NDUFB5	NM_002492.3	(ubiquinone) 1 beta subcomplex, 5, 16kDa	NADH:ubiquinone oxidoreductase subunit B5	
NEFH	NM_021076.3	neurofilament, heavy polypeptide 200kDa, neurofilament heavy polypeptide	neurofilament heavy	
NEFL	NM_006158.3	neurofilament, light polypeptide 68kDa,neurofilament, light polypeptide	neurofilament light	
NES	NM_006617.1 NM_000267.2		nestin	
NF1 NGF	NM_002506.2	NGFB;nerve growth factor (beta polypeptide)	neurofibromin 1	
NINJ2	NM_016533.6	NGFB, Herve growth factor (beta polypeptide)	nerve growth factor ninjurin 2	
NKG7	NM_005601.3	natural killer cell group 7 coguence		
NKIRAS1	NM_020345.3	natural killer cell group 7 sequence NFKB inhibitor interacting Ras-like protein 1	natural killer cell granule protein 7 NFKB inhibitor interacting Ras like 1	
		nemo-like kinase	nemo like kinase	
ILK	NM_016231.4		nemo nike kinase	
		NALP1, SLEV1; NACHT, leucine rich repeat and PYD (pyrin domain) containing 1, systemic lupus	All D Courth and a description of the second states of	
NLRP1	NM_033004.2	erythematosus, vitiligo-related 1	NLR family pyrin domain containing 1	
NLRP3	NM_001079821.2	C1orf7,CIAS1,DFNA34;cold autoinflammatory syndrome 1,deafness, autosomal dominant 34	NLR family pyrin domain containing 3	
MNAT2	NM_170706.3	C1orf15;chromosome 1 open reading frame 15	nicotinamide nucleotide adenylyltransferase 2	
NOS1AP	NM_014697.3	nitric oxide synthase 1 (neuronal) adaptor protein	nitric oxide synthase 1 adaptor protein	
NOS2	NM_000625.4	NOS2A;nitric oxide synthase 2A (inducible, hepatocytes),nitric oxide synthase 2, inducible	nitric oxide synthase 2	
NOSTRIN	NM_001039724.3	nitric oxide synthase trafficker	nitric oxide synthase trafficking	
NPAS2	NM_002518.3	CDED1 stromal call derived factor reserves 1	neuronal PAS domain protein 2	
NPTN	NM_001161363.1	SDFR1;stromal cell derived factor receptor 1	neuroplastin	
NRCAM	NM_005010.4	HCL NRG1 IT2-NRG1 intropic trapersist 2 (new protein padias)	neuronal cell adhesion molecule	
NRG1	NM_004495.2	HGL,NRG1-IT2;NRG1 intronic transcript 2 (non-protein coding)	neuregulin 1	Sub-maximal transmist several durit
IDVN1	NIM 001220155			Sub-maximal transcript coverage due to
NRXN1	NM_001320156.1	N ather developments and the fraction of the development of the second states of the second s	neurexin 1	non-overlapping transcripts
NSF	NM_006178.3	N-ethylmaleimide-sensitive factor,N-ethylmaleimide sensitive factor	N-ethylmaleimide sensitive factor, vesicle fusing ATPase	
NUAK1	NM_014840.2	NUAK family, SNF1-like kinase, 1	NUAK family kinase 1	
WD1	NM_001007525.3		NACHT and WD repeat domain containing 1	
OLFM3 OLFML3	NM_058170.3	olfactomedin-like 3	olfactomedin 3 olfactomedin like 3	
	NM_020190.4	Ondecomediti*IIAE 3		
DLIG1	NM_138983.3		oligodendrocyte transcription factor 1	
	NM_005806.3	PRKCBP2,BHLHB1;protein kinase C binding protein 2,oligodendrocyte lineage transcription factor 2	oligodendrocyte transcription factor 2	
1162	C.006C00 IVIVI			
		ontic stronby 1 (sutocomal dominant) ORA1 mitochondrial dynamia like GTPace	OPA1 mitochondrial dynamin like GTPase	
OPA1	NM_130837.1	optic atrophy 1 (autosomal dominant), OPA1, mitochondrial dynamin like GTPase		
DPA1 DPCML	NM_130837.1 NM_002545.4		opioid binding protein/cell adhesion molecule like	
DPA1 DPCML	NM_130837.1	olfactory receptor, family 5, subfamily V, member 1	opioid binding protein/cell adhesion molecule like olfactory receptor family 5 subfamily V member 1	
DPA1 DPCML	NM_130837.1 NM_002545.4	olfactory receptor, family 5, subfamily V, member 1 ORC3L;origin recognition complex, subunit 3 (yeast homolog)-like,origin recognition complex, subunit	olfactory receptor family 5 subfamily V member 1	
DPA1 DPCML DR5V1	NM_130837.1 NM_002545.4 NM_030876.5	olfactory receptor, family 5, subfamily V, member 1 ORC3L:origin recognition complex, subunit 3 (yeast homolog)-like,origin recognition complex, subunit 3-like (yeast),origin recognition complex, subunit 3 honolog (yeast),origin recognition complex, subunit	olfactory receptor family 5 subfamily V member 1	
DPA1 DPCML DR5V1	NM_130837.1 NM_002545.4	olfactory receptor, family 5, subfamily V, member 1 ORC3L;origin recognition complex, subunit 3 (yeast homolog)-like,origin recognition complex, subunit 3-like (yeast),origin recognition complex, subunit 3 honolog (yeast),origin recognition complex, subunit 3	olfactory receptor family 5 subfamily V member 1	
DPA1 DPCML DR5V1	NM_130837.1 NM_002545.4 NM_030876.5	olfactory receptor, family 5, subfamily V, member 1 ORC3L;origin recognition complex, subunit 3 (yeast homolog)-like,origin recognition complex, subunit 3-like (yeast),origin recognition complex, subunit 3 honolog (yeast),origin recognition complex, subunit 3 ORC4L;origin recognition complex, subunit 4 (yeast homolog)-like,origin recognition complex, subunit	olfactory receptor family 5 subfamily V member 1	
DPA1 DPCML DR5V1 DRC3	NM_130837.1 NM_002545.4 NM_030876.5 NM_181837.1	olfactory receptor, family 5, subfamily V, member 1 ORC3L;origin recognition complex, subunit 3 (yeast homolog)-like,origin recognition complex, subunit 3-like (yeast),origin recognition complex, subunit 3 honolog (yeast),origin recognition complex, subunit 3 ORC4L;origin recognition complex, subunit 4 (yeast homolog)-like,origin recognition complex, subunit 4-like (yeast),origin recognition complex, subunit 4-like (5. cerevisiae),origin recognition complex,	olfactory receptor family 5 subfamily V member 1 t origin recognition complex subunit 3	
DPA1 DPCML DR5V1 DRC3 DRC4	NM_130837.1 NM_002545.4 NM_030876.5 NM_181837.1 NM_181742.1	olfactory receptor, family 5, subfamily V, member 1 ORG3L;origin recognition complex, subunit 3 (yeast homolog)-like,origin recognition complex, subunit 3-like (yeast),origin recognition complex, subunit 3 homolog (yeast),origin recognition complex, subunit 3 ORC4L;origin recognition complex, subunit 4 (yeast homolog)-like,origin recognition complex, subunit 4-like (yeast),origin recognition complex, subunit 4-like (yeast),origin recognition complex, subunit 4 homolog (S. cerevisiae),origin recognition complex, subunit 4	olfactory receptor family 5 subfamily V member 1 t origin recognition complex subunit 3 origin recognition complex subunit 4	
DPA1 DPCML DR5V1 DRC3 DRC4 P2RX7	NM_130837.1 NM_002545.4 NM_030876.5 NM_181837.1 NM_181742.1 NM_002562.5	olfactory receptor, family 5, subfamily V, member 1 ORC31;corigin recognition complex, subunit 3 (yeast homolog)-like,origin recognition complex, subunit 3-like (yeast),origin recognition complex, subunit 4 homolog)-like,origin recognition complex, subunit 4-like (yeast),origin recognition complex, subunit 4 (yeast homolog)-like,origin recognition complex, subunit 4-like (yeast),origin recognition complex, subunit 4 (ke (S. cerevisiae),origin recognition complex, subunit 4 homolog (S. cerevisiae),origin recognition complex, subunit 4 purinergic receptor P2X, ligand-gated ion channel, 7	olfactory receptor family 5 subfamily V member 1 t origin recognition complex subunit 3 origin recognition complex subunit 4 purinergic receptor P2X 7	
DPA1 DPCML DR5V1 DR5V1 DRC3 DRC4 P2RX7 P2RX7 P2RY1	NM_130837.1 NM_002545.4 NM_030876.5 NM_181837.1 NM_022562.5 NM_002562.5 NM_002563.2	olfactory receptor, family 5, subfamily V, member 1 ORC31:origin recognition complex, subunit 3 (yeast homolog)-like,origin recognition complex, subunit 3-like (yeast),origin recognition complex, subunit 4 homolog)-like,origin recognition complex, subunit 4-like (yeast),origin recognition complex, subunit 4 (yeast homolog)-like,origin recognition complex, subunit 4-like (yeast),origin recognition complex, subunit 4-like (5. cerevisiae),origin recognition complex, subunit 4 homolog (5. cerevisiae),origin recognition complex, subunit 4 purinergic receptor P2X, ligand-gated ion channel, 7 purinergic receptor P2X, G-protein coupled, 1	olfactory receptor family 5 subfamily V member 1 origin recognition complex subunit 3 origin recognition complex subunit 4 purinergic receptor P2X 7 purinergic receptor P2Y1	
DPA1 DPCML DRCV1 DRC3 DRC4 22RX7 2RV1 2RV1 22RY11	NM_130837.1 NM_002545.4 NM_030876.5 NM_181837.1 NM_1818742.1 NM_002562.5 NM_002563.2 NM_002564.4	olfactory receptor, family 5, subfamily V, member 1 ORC3L;origin recognition complex, subunit 3 (yeast homolog)-like,origin recognition complex, subunit 3-like (yeast),origin recognition complex, subunit 3 honolog (yeast),origin recognition complex, subunit 4-like (yeast),origin recognition complex, subunit 4 (yeast homolog)-like,origin recognition complex, subunit 4-like (yeast),origin recognition complex, subunit 4-like (S. cerevisiae),origin recognition complex, subunit 4 homolog (S. cerevisiae),origin recognition complex, subunit 4 purinergic receptor P2X, ligand-gated ion channel, 7 purinergic receptor P2X, G-protein coupled, 1 purinergic receptor P2X, G-protein coupled, 11	olfactory receptor family 5 subfamily V member 1 t origin recognition complex subunit 3 origin recognition complex subunit 4 purinergic receptor P2X 7 purinergic receptor P2Y11 purinergic receptor P2Y11	
DPA1 DPCML DR5V1 DRC3 DRC4 22RX7 22RY1 22RY1 22RY11 22RY12	NM_130837.1 NM_002545.4 NM_030876.5 NM_181837.1 NM_181742.1 NM_002562.5 NM_002563.2 NM_002563.4 NM_002566.4 NM_022788.3	olfactory receptor, family 5, subfamily V, member 1 ORC31;corigin recognition complex, subunit 3 (yeast homolog)-like,origin recognition complex, subunit 3-like (yeast),origin recognition complex, subunit 4 homolog)-like,origin recognition complex, subunit 4-like (yeast),origin recognition complex, subunit 4 (yeast homolog)-like,origin recognition complex, subunit 4-like (yeast),origin recognition complex, subunit 4 (ke (S. cerevisiae),origin recognition complex, subunit 9-unit 4 homolog (S. cerevisiae),origin recognition complex, subunit 4 9-uninergic receptor P2X, ligand-gated ion channel, 7 9-uninergic receptor P2X, G-protein coupled, 1 9-uninergic receptor P2X, G-protein coupled, 11 9-uninergic receptor P2X, G-protein coupled, 12	olfactory receptor family 5 subfamily V member 1 origin recognition complex subunit 3 origin recognition complex subunit 4 purinergic receptor P2X 7 purinergic receptor P2Y1 purinergic receptor P2Y11 purinergic receptor P2Y12	
DPA1 DPCML DR5V1 DRC3 DRC4 22RX7 22RV1 22RV11 22RV12 22RV12 22RV12 22RV13	NM_130837.1 NM_002545.4 NM_030876.5 NM_181837.1 NM_181742.1 NM_002562.5 NM_002563.2 NM_002566.4 NM_022568.3 NM_176894.2	olfactory receptor, family 5, subfamily V, member 1 ORC3Lorigin recognition complex, subunit 3 (yeast homolog)-like,origin recognition complex, subunit 3-like (yeast),origin recognition complex, subunit 4 homolog)-like,origin recognition complex, subunit 4-like (yeast),origin recognition complex, subunit 4 (yeast homolog)-like,origin recognition complex, subunit 4-like (yeast),origin recognition complex, subunit 4-like (5. cerevisiae),origin recognition complex, subunit 4-like (yeast),origin recognition complex, subunit 4-like (5. cerevisiae),origin recognition complex, subunit 9-unit 4 homolog (5. cerevisiae),origin recognition complex, subunit 4 9-unit 4-like (yeast), origin recognition complex, subunit 4 9-unit gic receptor P2X, G-protein coupled, 1 9-unit gic receptor P2Y, G-protein coupled, 11 9-unit gic receptor P2Y, G-protein coupled, 12 9-PR94, GPR86;G-protein-coupled receptor 86, purinergic receptor P2Y, G-protein coupled, 13	olfactory receptor family 5 subfamily V member 1 origin recognition complex subunit 3 origin recognition complex subunit 4 purinergic receptor P2X 7 purinergic receptor P2Y11 purinergic receptor P2Y11 purinergic receptor P2Y12 purinergic receptor P2Y13	
DPA1 DPCML DR5V1 DRC3 DRC4 22RX7 22RV1 22RV12 22RV12 22RV12 22RV12	NM_130837.1 NM_002545.4 NM_030876.5 NM_181837.1 NM_181742.1 NM_002562.5 NM_002563.2 NM_002563.4 NM_002566.4 NM_022788.3	olfactory receptor, family 5, subfamily V, member 1 ORC31;corigin recognition complex, subunit 3 (yeast homolog)-like,origin recognition complex, subunit 3-like (yeast),origin recognition complex, subunit 4 homolog)-like,origin recognition complex, subunit 4-like (yeast),origin recognition complex, subunit 4 (yeast homolog)-like,origin recognition complex, subunit 4-like (yeast),origin recognition complex, subunit 4 (ke (S. cerevisiae),origin recognition complex, subunit 9-unit 4 homolog (S. cerevisiae),origin recognition complex, subunit 4 9-uninergic receptor P2X, ligand-gated ion channel, 7 9-uninergic receptor P2X, G-protein coupled, 1 9-uninergic receptor P2X, G-protein coupled, 11 9-uninergic receptor P2X, G-protein coupled, 12	olfactory receptor family 5 subfamily V member 1 origin recognition complex subunit 3 origin recognition complex subunit 4 purinergic receptor P2X 7 purinergic receptor P2Y1 purinergic receptor P2Y11 purinergic receptor P2Y12	
DPA1 DPCML DR5V1 DRC3 DRC4 22RX7 22RV1 22RV11 22RV11 22RV11 22RV13 22RV13 22RV13 22RV14	NM_130837.1 NM_002545.4 NM_030876.5 NM_181837.1 NM_181742.1 NM_002562.5 NM_002563.2 NM_002566.4 NM_022568.3 NM_176894.2	olfactory receptor, family 5, subfamily V, member 1 ORC3Lorigin recognition complex, subunit 3 (yeast homolog)-like,origin recognition complex, subunit 3-like (yeast),origin recognition complex, subunit 4 homolog)-like,origin recognition complex, subunit 4-like (yeast),origin recognition complex, subunit 4 (yeast homolog)-like,origin recognition complex, subunit 4-like (yeast),origin recognition complex, subunit 4-like (5. cerevisiae),origin recognition complex, subunit 4-like (yeast),origin recognition complex, subunit 4-like (5. cerevisiae),origin recognition complex, subunit 9-unit 4 homolog (5. cerevisiae),origin recognition complex, subunit 4 9-unit 4-like (yeast), origin recognition complex, subunit 4 9-unit gic receptor P2X, G-protein coupled, 1 9-unit gic receptor P2Y, G-protein coupled, 11 9-unit gic receptor P2Y, G-protein coupled, 12 9-PR94, GPR86;G-protein-coupled receptor 86, purinergic receptor P2Y, G-protein coupled, 13	olfactory receptor family 5 subfamily V member 1 origin recognition complex subunit 3 origin recognition complex subunit 4 purinergic receptor P2X 7 purinergic receptor P2Y11 purinergic receptor P2Y11 purinergic receptor P2Y12 purinergic receptor P2Y13	
DPA1 DPCML DR5V1 DRC3 DRC4 22RX7 22RV1 22RV11 22RV11 22RV12 22RV12 22RV14 22RV14 22RV6	NM_130837.1 NM_002545.4 NM_030876.5 NM_181837.1 NM_181742.1 NM_002562.5 NM_002562.2 NM_002563.2 NM_002563.4 NM_022788.3 NM_176894.2 NM_014879.2 NM_176797.1	olfactory receptor, family 5, subfamily V, member 1 ORC3Lorigin recognition complex, subunit 3 (yeast homolog)-like,origin recognition complex, subunit 3-like (yeast),origin recognition complex, subunit 3 honolog (yeast),origin recognition complex, subunit 4-like (yeast),origin recognition complex, subunit 4 (yeast homolog)-like,origin recognition complex, subunit 4-like (yeast),origin recognition complex, subunit 4-like (S. cerevisiae),origin recognition complex, subunit 4-like (yeast),origin recognition complex, subunit 4-like (S. cerevisiae),origin recognition complex, subunit 4-like (yeast),origin recognition complex, subunit 4-like (S. cerevisiae),origin recognition complex, subunit 4 purinergic receptor P2X, G-protein coupled, 1 purinergic receptor P2Y, G-protein coupled, 12 GPR94, GPR86;G protein-coupled receptor 86,purinergic receptor P2Y, G-protein coupled, 13 GPR105;G protein-coupled receptor 86,purinergic receptor P2Y, G-protein coupled, 13 GPR105;G protein-coupled receptor 105,purinergic receptor P2Y, G-protein coupled, 14 pyrimidinergic receptor P2Y, G-protein coupled, 6 p21/Cdc42/Rac1-activated kinase 1 (yeast Ste20-related),p21/Cdc42/Rac1-activated kinase 1 (STE20	olfactory receptor family 5 subfamily V member 1 origin recognition complex subunit 3 origin recognition complex subunit 4 purinergic receptor P2X 7 purinergic receptor P2Y11 purinergic receptor P2Y11 purinergic receptor P2Y12 purinergic receptor P2Y13 purinergic receptor P2Y14 purinergic receptor P2Y14 pyrimidinergic receptor P2Y6	
DLIG2 DPA1 DPCML DPCML DPCML DPCML DPCM DPCM DPCML DPC	NM_130837.1 NM_002545.4 NM_030876.5 NM_181837.1 NM_02562.5 NM_002562.5 NM_002562.4 NM_002562.4 NM_002563.2 NM_022788.3 NM_176894.2 NM_014879.2	olfactory receptor, family 5, subfamily V, member 1 ORC3Lorigin recognition complex, subunit 3 (yeast homolog)-like,origin recognition complex, subunit 3-like (yeast),origin recognition complex, subunit 4 homolog)-like,origin recognition complex, subunit 4-like (yeast),origin recognition complex, subunit 4 (yeast homolog)-like,origin recognition complex, subunit 4-like (yeast),origin recognition complex, subunit 4-like (S. cerevisiae),origin recognition complex, subunit 4-like (yeast),origin recognition complex, subunit 4-like (S. cerevisiae),origin recognition complex, subunit 4-like (yeast),origin recognition complex, subunit 4-like (S. cerevisiae),origin recognition complex, subunit 4-like (yeast), cereoter coupled, 2-protein coupled, 1 purinergic receptor P2X, G-protein coupled, 11 purinergic receptor P2X, G-protein coupled, 12 GPR49,GPR86;G protein-coupled receptor 86,purinergic receptor P2Y, G-protein coupled, 13 GPR105;G protein-coupled receptor 105,purinergic receptor P2Y, G-protein coupled, 14 pyrimidinergic receptor P2X, G-protein coupled, 6	olfactory receptor family 5 subfamily V member 1 t origin recognition complex subunit 3 origin recognition complex subunit 4 purinergic receptor P2X1 purinergic receptor P2Y11 purinergic receptor P2Y11 purinergic receptor P2Y12 purinergic receptor P2Y13 purinergic receptor P2Y13	

PARP2 PCCA	NM 005484.3	ADPRTL2;ADP-ribosyltransferase (NAD+; poly(ADP-ribose) polymerase)-like 2,poly (ADP-ribose) polymerase family, member 2	poly(ADP-ribose) polymerase 2	
	NM_000282.3	propionyl Coenzyme A carboxylase, alpha polypeptide	propionyl-CoA carboxylase subunit alpha	
PDE1A	NM_005019.3	phosphodiesterase 1A, calmodulin-dependent	phosphodiesterase 1A	
PDGFRA	NM_006206.3	platelet-derived growth factor receptor, alpha polypeptide	platelet derived growth factor receptor alpha	
PDHA1	NM_000284.3	PDHA;pyruvate dehydrogenase (lipoamide) alpha 1,pyruvate dehydrogenase alpha 1	pyruvate dehydrogenase E1 subunit alpha 1	
DHB	NM_000925.3	pyruvate dehydrogenase (lipoamide) beta	pyruvate dehydrogenase E1 subunit beta	
PDPK1	XM_011522521.2	a bana dan Zana alamba Parla a Hara dan ana dan sa dan se	3-phosphoinositide dependent protein kinase 1	
PECAM1 PFKP	NM_000442.3 NM_002627.3	platelet/endothelial cell adhesion molecule 1	platelet and endothelial cell adhesion molecule 1 phosphofructokinase, platelet	
PGAM1	NM_002629.3	PGAMA;phosphoglycerate mutase 1 (brain)	phosphoglycerate mutase 1	PGAM4 (NM_001029891)
PGK1	NM_000291.2		phosphoglycerate kinase 1	10,000,000,000,000,000,000,000,000,000,
РНҮН	NM_001037537.1	phytanoyl-CoA hydroxylase (Refsum disease), phytanoyl-CoA hydroxylase	phytanoyl-CoA 2-hydroxylase	
PIAS1	NM_016166.1	DDXBP1;DEAD/H (Asp-Glu-Ala-Asp/His) box binding protein 1	protein inhibitor of activated STAT 1	
		PIK3C1; phosphoinositide-3-kinase, catalytic, beta polypeptide, phosphatidylinositol-4,5-bisphosphate	phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic	
PIK3CB	NM_006219.1	3-kinase, catalytic subunit beta	subunit beta	
PIK3R1	NM_181504.2	phosphoinositide-3-kinase, regulatory subunit 1 (alpha)	phosphoinositide-3-kinase regulatory subunit 1	
PKD2 PLAA	NM_000297.2 NM_001031689.2	polycystic kidney disease 2 (autosomal dominant)	polycystin 2, transient receptor potential cation channel phospholipase A2 activating protein	
PLCB4	NM_182797.2	phospholipase C, beta 4	phospholipase C beta 4	
12004	1111_102/3/12	PHRET1;PH domain containing, retinal 1, pleckstrin homology domain containing, family B (evectins)		
PLEKHB1	NM_021200.3	member 1	pleckstrin homology domain containing B1	
		TM4SF11;transmembrane 4 superfamily member 11 (plasmolipin),plasma membrane proteolipid		
PLLP	NM_015993.2	(plasmolipin)	plasmolipin	
PLP1	NM_000533.3	SPG2,PLP;spastic paraplegia 2, uncomplicated	proteolipid protein 1	
PLXDC2 PLXNB3	NM_032812.7 NM_001163257.1	PLXN6	plexin domain containing 2 plexin B3	
PLANDS PMEPA1	NM_001183257.1 NM_199171.2	TMEPAI;transmembrane, prostate androgen induced RNA	prostate transmembrane protein, androgen induced 1	
FIVILFAL	INIVI_1331/1.2	CMT1A;Charcot-Marie-Tooth neuropathy 1A (greatly reduced nerve conduction velocity, hereditary	prostate transmeniorane protein, and ogen induced 1	
PMP22	NM_000304.3	motor sensory neuropathy la)	peripheral myelin protein 22	
PNOC	NM_001284244.1		prepronociceptin	
POR	NM_000941.2	P450 (cytochrome) oxidoreductase	cytochrome p450 oxidoreductase	
		protein phosphatase 1A (formerly 2C), magnesium-dependent, alpha isoform, protein phosphatase,		
PPM1A	NM_021003.4	Mg2+/Mn2+ dependent, 1A	protein phosphatase, Mg2+/Mn2+ dependent 1A	
PPM1L	NM_139245.2	protein phosphatase 1 (formerly 2C)-like, protein phosphatase, Mg2+/Mn2+ dependent, 1L	protein phosphatase, Mg2+/Mn2+ dependent 1L	
PPP2CA	NM 002715.2	protein phosphatase 2 (formerly 2A), catalytic subunit, alpha isoform, protein phosphatase 2, catalytic subunit, alpha isograme		
I FFZCA	NNI_002715.2	subunit, alpha isozyme SCA12;spinocerebellar ataxia 12,protein phosphatase 2 (formerly 2A), regulatory subunit B (PR 52),	protein phosphatase 2 catalytic subunit alpha	
PPP2R2B	NM_181676.2	beta isoform	protein phosphatase 2 regulatory subunit Bbeta	
		CALNB;protein phosphatase 3 (formerly 2B), catalytic subunit, beta isoform (calcineurin A	,,	
		beta), protein phosphatase 3 (formerly 2B), catalytic subunit, beta isoform, protein phosphatase 3,		
PPP3CB	NM_021132.2	catalytic subunit, beta isozyme	protein phosphatase 3 catalytic subunit beta	
		protein phosphatase 3 (formerly 2B), regulatory subunit B (19kD), alpha isoform (calcineurin B, type		
		I),protein phosphatase 3 (formerly 2B), regulatory subunit B, 19kDa, alpha isoform (calcineurin B, type		
		I),protein phosphatase 3 (formerly 2B), regulatory subunit B, alpha isoform,protein phosphatase 3,		
PPP3R1 PPT1	NM_000945.3	regulatory subunit B, alpha	protein phosphatase 3 regulatory subunit B, alpha	
PPT1 PRF1	NM_000310.3 NM_001083116.1	PPT perforin 1 (pore forming protein)	palmitoyl-protein thioesterase 1 perforin 1	
PRKAB1	NM 006253.4	protein kinase, AMP-activated, beta 1 non-catalytic subunit	protein kinase AMP-activated non-catalytic subunit beta 1	
PRKAB2	NM_005399.5	protein kinase, AMP-activated, beta 2 non-catalytic subunit	protein kinase AMP-activated non-catalytic subunit beta 2	
	-	protein kinase, cAMP-dependent, catalytic, beta, protein kinase, cAMP-dependent, beta catalytic		
PRKACB	NM_182948.2	subunit	protein kinase cAMP-activated catalytic subunit beta	
PRKAG1	NM_002733.3	protein kinase, AMP-activated, gamma 1 non-catalytic subunit	protein kinase AMP-activated non-catalytic subunit gamma	а
		PRKAR1,TSE1;tissue specific extinguisher 1,protein kinase, cAMP-dependent, regulatory, type I,	protein kinase cAMP-dependent type I regulatory subunit	
PRKAR1A	NM_212472.1	alpha,protein kinase, cAMP-dependent, regulatory subunit type I alpha	alpha	
PRKCD	NM_006254.3	protein kinase C, delta	protein kinase C delta	
PRKCE PRKCI	NM_005400.2 NM_002740.5	protein kinase C, epsilon DXS1179E;protein kinase C, iota	protein kinase C epsilon protein kinase C iota	
PRKCQ	NM_006257.2	protein kinase C, theta	protein kinase C theta	
PRKCZ	NM_002744.4	protein kinase C, zeta	protein kinase C zeta	
PRKDC	NM_001081640.1	HYRC, HYRC1; protein kinase, DNA-activated, catalytic polypeptide	protein kinase, DNA-activated, catalytic subunit	
PROS1	NM_000313.1	PROS;protein S (alpha)	protein S	
PSEN1	NM_000021.2	AD3;Alzheimer disease 3	presenilin 1	
PSMA5	NM_002790.2	proteasome (prosome, macropain) subunit, alpha type, 5, proteasome subunit alpha 5	proteasome 20S subunit alpha 5	
		LMP7; proteasome (prosome, macropain) subunit, beta type, 8 (large multifunctional protease 7), large		
PSMB8				
F SIVIDO		multifunctional peptidase 7, proteasome (prosome, macropain) subunit, beta type, 8, proteasome subunit beta 8	protessome 205 subunit bets 8	
PSMC6	NM_004159.4 NM 002806.3	subunit beta 8	proteasome 20S subunit beta 8 proteasome 26S subunit, ATPase 6	
	NM_002806.3 NM_002814.2		proteasome 205 subunit beta 8 proteasome 265 subunit, ATPase 6 proteasome 265 subunit, non-ATPase 10	
PSMD10	NM_002806.3 NM_002814.2 NM_005805.4	subunit beta 8 proteasome (prosome, macropain) 26S subunit, ATPase, 6	proteasome 26S subunit, ATPase 6	
PSMD10 PSMD14 PSMD6	NM_002806.3 NM_002814.2 NM_005805.4 NM_001271779.1	subunit beta 8 proteasome (prosome, macropain) 265 subunit, ATPase, 6 proteasome (prosome, macropain) 265 subunit, non-ATPase, 10 proteasome (prosome, macropain) 265 subunit, non-ATPase, 14 proteasome (prosome, macropain) 265 subunit, non-ATPase, 6	proteasome 265 subunit, ATPase 6 proteasome 265 subunit, non-ATPase 10 proteasome 265 subunit, non-ATPase 14 proteasome 265 subunit, non-ATPase 6	
PSMD10 PSMD14 PSMD6 PTGER4	NM_002806.3 NM_002814.2 NM_005805.4 NM_001271779.1 NM_000958.2	subunit beta 8 proteasome (prosome, macropain) 265 subunit, ATPase, 6 proteasome (prosome, macropain) 265 subunit, non-ATPase, 10 proteasome (prosome, macropain) 265 subunit, non-ATPase, 14 prostaglandin E receptor 4 (subtype EP4)	proteasome 265 subunit, ATPase 6 proteasome 265 subunit, non-ATPase 10 proteasome 265 subunit, non-ATPase 14 proteasome 265 subunit, non-ATPase 6 prostaglandin E receptor 4	
PSMD10 PSMD14 PSMD6 PTGER4 PTGIS	NM_002806.3 NM_002814.2 NM_005805.4 NM_001271779.1 NM_000958.2 NM_000961.3	subunit beta 8 proteasome (prosome, macropain) 265 subunit, ATPase, 6 proteasome (prosome, macropain) 265 subunit, non-ATPase, 10 proteasome (prosome, macropain) 265 subunit, non-ATPase, 6 prostaglandin E receptor 4 (subtype EP4) prostaglandin 12 (prostacyclin) synthase	proteasome 26S subunit, ATPase 6 proteasome 26S subunit, non-ATPase 10 proteasome 26S subunit, non-ATPase 14 proteasome 26S subunit, non-ATPase 6 prostaglandin Ereceptor 4 prostaglandin I2 synthase	
PSMD10 PSMD14 PSMD6 PTGER4 PTGIS PTGS2	NM_002806.3 NM_002814.2 NM_005805.4 NM_001271779.1 NM_000958.2 NM_000961.3 NM_000963.1	subunit beta 8 proteasome (prosome, macropain) 265 subunit, ATPase, 6 proteasome (prosome, macropain) 265 subunit, non-ATPase, 10 proteasome (prosome, macropain) 265 subunit, non-ATPase, 14 proteasome (prosome, macropain) 265 subunit, non-ATPase, 6 prostaglandin Iz (prostarcycini) synthase prostaglandin Iz (prostarcycini) synthase prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)	proteasome 26S subunit, ATPase 6 proteasome 26S subunit, non-ATPase 10 proteasome 26S subunit, non-ATPase 14 proteasome 26S subunit, non-ATPase 6 prostaglandin E receptor 4 prostaglandin I 2 synthase prostaglandin-endoperoxide synthase 2	
PSMD10 PSMD14 PSMD6 PTGER4 PTGIS PTGS2 PTH2R	NM_002806.3 NM_002814.2 NM_005805.4 NM_001271779.1 NM_000958.2 NM_000963.3 NM_000963.1 NM_001371906.1	subunit beta 8 proteasome (prosome, macropain) 265 subunit, ATPase, 6 proteasome (prosome, macropain) 265 subunit, non-ATPase, 10 proteasome (prosome, macropain) 265 subunit, non-ATPase, 14 proteasome (prosome, macropain) 265 subunit, non-ATPase, 6 prostaglandin E receptor 4 (subtype EP4) prostaglandin 12 (prostaryclin) synthase prostaglandin -endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase) PTIRR2;parathyroid hormone receptor 2	proteasome 265 subunit, ATPase 6 proteasome 265 subunit, non-ATPase 10 proteasome 265 subunit, non-ATPase 14 proteasome 265 subunit, non-ATPase 6 prostaglandin E receptor 4 prostaglandin I2 synthase prostaglandin-endoperoxide synthase 2 parathyroid hormone 2 receptor	
PSMD10 PSMD14 PSMD6 PTGER4 PTGIS PTGS2 PTH2R PTK2	NM_002806.3 NM_002814.2 NM_005805.4 NM_001271779.1 NM_000958.2 NM_000963.3 NM_000963.1 NM_001371906.1 NM_005607.5	subunit beta 8 proteasome (prosome, macropain) 265 subunit, ATPase, 6 proteasome (prosome, macropain) 265 subunit, non-ATPase, 10 proteasome (prosome, macropain) 265 subunit, non-ATPase, 14 proteasome (prosome, macropain) 265 subunit, non-ATPase, 6 prostaglandin Iz (prostarcycini) synthase prostaglandin Iz (prostarcycini) synthase prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)	proteasome 26S subunit, ATPase 6 proteasome 26S subunit, non-ATPase 10 proteasome 26S subunit, non-ATPase 14 proteasome 26S subunit, non-ATPase 6 prostaglandin 2 synthase prostaglandin 2 synthase prostaglandin-endoperoxide synthase 2 parathyroid hormone 2 receptor protein tyrosine kinase 2	
PSMD10 PSMD14 PSMD6 PTGER4 PTGIS PTGS2 PTH2R PTK2 PTK2B	NM_002806.3 NM_002814.2 NM_005805.4 NM_001271779.1 NM_000958.2 NM_000963.3 NM_000963.1 NM_001371906.1	subunit beta 8 proteasome (prosome, macropain) 265 subunit, ATPase, 6 proteasome (prosome, macropain) 265 subunit, non-ATPase, 10 proteasome (prosome, macropain) 265 subunit, non-ATPase, 14 proteasome (prosome, macropain) 265 subunit, non-ATPase, 6 prostaglandin E receptor 4 (subtype EP4) prostaglandin = receptor 4 (subtype EP4) prostaglandin = receptor 4 (subtype EP4) PTHR2;parathyroid hormone receptor 2 PTK2 protein tyrosine kinase 2	proteasome 265 subunit, ATPase 6 proteasome 265 subunit, non-ATPase 10 proteasome 265 subunit, non-ATPase 14 proteasome 265 subunit, non-ATPase 6 prostaglandin E receptor 4 prostaglandin I2 synthase prostaglandin-endoperoxide synthase 2 parathyroid hormone 2 receptor	
PSMD10 PSMD14 PSMD6 PTGER4 PTGIS PTGS2 PTH2R PTH2R PTH22 PTK2 PTK2B PTPN1	NM_002806.3 NM_002814.2 NM_002805.4 NM_002805.4 NM_000958.2 NM_000963.1 NM_000963.1 NM_00371906.1 NM_005607.5 NM_004103.3	subunit beta 8 proteasome (prosome, macropain) 265 subunit, ATPase, 6 proteasome (prosome, macropain) 265 subunit, non-ATPase, 10 proteasome (prosome, macropain) 265 subunit, non-ATPase, 14 proteasome (prosome, macropain) 265 subunit, non-ATPase, 6 prostaglandin E receptor 4 (subtype EP4) prostaglandin -endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase) PTHR2;parathyroid hormone receptor 2 PTK2 protein tyrosine kinase 2 FAK2;FAK2	proteasome 26S subunit, ATPase 6 proteasome 26S subunit, non-ATPase 10 proteasome 26S subunit, non-ATPase 14 proteasome 26S subunit, non-ATPase 6 prostaglandin E receptor 4 prostaglandin I 2 synthase prostaglandin-endoperoxide synthase 2 parathyroid hormone 2 receptor protein tyrosine kinase 2 protein tyrosine kinase 2 beta	
PSMD10 PSMD14 PSMD6 PTGER4 PTGIS PTGS2 PTH2R PTK2 PTK2 PTK2B PTK2B PTFN1 PTPN11	NM_002806.3 NM_002814.2 NM_002805.4 NM_00271779.1 NM_000961.3 NM_000963.1 NM_000963.1 NM_000963.1 NM_002607.5 NM_004103.3 NM_002827.3	subunit beta 8 proteasome (prosome, macropain) 265 subunit, ATPase, 6 proteasome (prosome, macropain) 265 subunit, non-ATPase, 10 proteasome (prosome, macropain) 265 subunit, non-ATPase, 14 proteasome (prosome, macropain) 265 subunit, non-ATPase, 6 prostaglandin E receptor 4 (subtype EP4) prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase) PTHR2;parathyroid hormone receptor 2 PTK2 protein tyrosine kinase 2 FAK2;FAK2 FPT18 NS1;Noonan syndrome 1,protein tyrosine phosphatase, non-receptor type 11 CC045	proteasome 265 subunit, ATPase 6 proteasome 265 subunit, non-ATPase 10 proteasome 265 subunit, non-ATPase 14 proteasome 265 subunit, non-ATPase 6 prostaglandin E receptor 4 prostaglandin E receptor 4 prostaglandin-endoperoxide synthase 2 parathyroid hormone 2 receptor protein tyrosine kinase 2 protein tyrosine kinase 2 beta protein tyrosine kinase 2 beta	
PSMC6 PSMD10 PSMD16 PTGER4 PTG52 PTG52 PTH2R PTH2R PTH2R PTH2R PTPN11 PTPN11 PTPN11 PTPN11 PTPN11 PTPN12 PTPN11 PTPN11 PTPN12 PTPN11 PTPN12 PT	NN_002806.3 NM_002814.2 NM_002805.4 NM_002805.4 NM_000961.3 NM_000963.1 NM_000963.1 NM_002963.1 NM_002607.5 NM_004103.3 NM_002827.3 NM_00283.4 NM_00283.2 NM_002845.3	subunit beta 8 proteasome (prosome, macropain) 265 subunit, ATPase, 6 proteasome (prosome, macropain) 265 subunit, non-ATPase, 10 proteasome (prosome, macropain) 265 subunit, non-ATPase, 14 proteasome (prosome, macropain) 265 subunit, non-ATPase, 6 prostaglandin E receptor 4 (subtype EP4) prostaglandin 2 (prostaryclin) synthase prostaglandin 2 (prostaryclin) synthase 2 prostaglandin 2 (prostaryclin) synthase 2 prostaglandin 6/H synthase and cyclooxygenase) PTHR2; prathyroid hormone receptor 2 PTR2 protein tyrosine kinase 2 FAK2; FAK2 FTF18 NS1; Noonan syndrome 1, protein tyrosine phosphatase, non-receptor type 11 CD45 PTPR11	proteasome 26S subunit, ATPase 6 proteasome 26S subunit, non-ATPase 10 proteasome 26S subunit, non-ATPase 14 proteasome 26S subunit, non-ATPase 4 prostaglandin 2 synthase prostaglandin end operoxide synthase 2 parathyroid hormone 2 receptor protein tyrosine kinase 2 beta protein tyrosine phosphatase non-receptor type 1 protein tyrosine phosphatase non-receptor type 11 protein tyrosine phosphatase non-receptor type 11 protein tyrosine phosphatase non-receptor type 11 protein tyrosine phosphatase non-type M	
PSMD10 PSMD14 PSMD6 PTGER4 PTGIS PTGIS PTGS2 PTH2R PTK2 PTK2 PTK2 PTPN1 PTPN11 PTPRC	NM_002806.3 NM_002814.2 NM_002815.4 NM_001271779.1 NM_000958.2 NM_000963.1 NM_000963.1 NM_000963.1 NM_005607.5 NM_004103.3 NM_002827.3 NM_002827.3 NM_002823.2	subunit beta 8 proteasome (prosome, macropain) 265 subunit, ATPase, 6 proteasome (prosome, macropain) 265 subunit, non-ATPase, 10 proteasome (prosome, macropain) 265 subunit, non-ATPase, 14 proteasome (prosome, macropain) 265 subunit, non-ATPase, 14 proteasome (prosome, macropain) 265 subunit, non-ATPase, 14 prostaglandin E receptor 4 (subtype EP4) prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase) PTHR2;parathyroid hormone receptor 2 PTK2 protein tyrosine kinase 2 FTK2, FAK2 PTP18 NS1;Noonan syndrome 1,protein tyrosine phosphatase, non-receptor type 11 CD45 PTR2,PTPRZ;protein tyrosine phosphatase, receptor-type, Z polypeptide 1	proteasome 26S subunit, ATPase 6 proteasome 26S subunit, non-ATPase 10 proteasome 26S subunit, non-ATPase 14 proteasome 26S subunit, non-ATPase 4 prostaglandin E receptor 4 prostaglandin L2 synthase prostaglandin-endoperoxide synthase 2 parathyroid hormone 2 receptor protein tyrosine kinase 2 protein tyrosine kinase 2 beta protein tyrosine phosphatase non-receptor type 1 protein tyrosine phosphatase receptor type 11 protein tyrosine phosphatase receptor type 1	
PSMD10 PSMD6 PTGER4 PTGIS PTGS2 PTH22 PTK2 PTK2 PTK2 PTK2B PTPN11 PTPN11 PTPRC PTPRM PTPR21	NM_002806.3 NM_002814.2 NM_002815.4 NM_001271779.1 NM_000958.2 NM_000963.1 NM_000963.1 NM_000963.1 NM_000963.1 NM_005607.5 NM_004103.3 NM_002827.3 NM_00283.3 NM_00283.3 NM_002845.3 NM_002851.2	subunit beta 8 proteasome (prosome, macropain) 265 subunit, ATPase, 6 proteasome (prosome, macropain) 265 subunit, non-ATPase, 10 proteasome (prosome, macropain) 265 subunit, non-ATPase, 14 proteasome (prosome, macropain) 265 subunit, non-ATPase, 14 proteasome (prosome, macropain) 265 subunit, non-ATPase, 6 prostaglandin E receptor 4 (subtype EP4) prostaglandin-endoperoxide synthase 1 prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase) PTHR2;parathyroid hormone receptor 2 PTK2 protein tyrosine kinase 2 FAK2;FAK2 PTP18 NS1;Noonan syndrome 1,protein tyrosine phosphatase, non-receptor type 11 CD45 PTPRL1 PTP2,PTPR2;protein tyrosine phosphatase, receptor-type, Z polypeptide 1 TNFAIPS;pentaxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced	proteasome 26S subunit, ATPase 6 proteasome 26S subunit, non-ATPase 10 proteasome 26S subunit, non-ATPase 14 proteasome 26S subunit, non-ATPase 6 prostaglandin E receptor 4 prostaglandin 2 synthase prostaglandin-endoperoxide synthase 2 prostaglandin-endoperoxide synthase 2 prostaglandin-endoperoxide synthase 2 protein tyrosine kinase 2 protein tyrosine kinase 2 beta protein tyrosine phosphatase non-receptor type 1 protein tyrosine phosphatase non-receptor type 11 protein tyrosine phosphatase receptor type C protein tyrosine phosphatase receptor type M protein tyrosine phosphatase receptor type 21	
PSMD10 PSMD6 PTGER4 PTGS7 PTGS2 PTGS2 PTH2R PTK2 PTK28 PTPN1 PTPN1 PTPN11 PTPN11 PTPRC PTPRC PTPRM PTPR21 PTX3	NM_002806.3 NM_002814.2 NM_002805.4 NM_002805.4 NM_000961.3 NM_000961.3 NM_000963.1 NM_002963.1 NM_00263.3 NM_002827.3 NM_00283.3 NM_002845.3 NM_00285.2 NM_00285.2	subunit beta 8 proteasome (prosome, macropain) 265 subunit, ATPase, 6 proteasome (prosome, macropain) 265 subunit, non-ATPase, 10 proteasome (prosome, macropain) 265 subunit, non-ATPase, 14 proteasome (prosome, macropain) 265 subunit, non-ATPase, 14 proteasome (prosome, macropain) 265 subunit, non-ATPase, 14 prostaglandin E receptor 4 (subtype EP4) prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase) PTHR2;parathyroid hormone receptor 2 PTK2 protein tyrosine kinase 2 FTK2, FAK2 PTP18 NS1;Noonan syndrome 1,protein tyrosine phosphatase, non-receptor type 11 CD45 PTR2,PTPRZ;protein tyrosine phosphatase, receptor-type, Z polypeptide 1	proteasome 26S subunit, ATPase 6 proteasome 26S subunit, non-ATPase 10 proteasome 26S subunit, non-ATPase 14 proteasome 26S subunit, non-ATPase 4 prostaglandin E receptor 4 prostaglandin-endoperoxide synthase 2 parathyroid hormone 2 receptor protein tyrosine kinase 2 beta protein tyrosine phosphatase non-receptor type 1 protein tyrosine phosphatase non-receptor type 11 protein tyrosine phosphatase non-receptor type 11 protein tyrosine phosphatase receptor type 11 protein tyrosine phosphatase receptor type X protein tyrosine phosphatase receptor type X protein tyrosine phosphatase receptor type Z protein tyrosine phosphatase receptor type Z1	
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PSMD10 PSMD14 PSMD6 PSMD6 PTGEK4 PTG52 PTG25 PTF27 PTK2 PTFX8 PTFX1 PTFX7 PTFX7 PTFX1 PTFX7 PTFX1 PTFX1 PTFX7 PTFX3 QDPR RAB3A RA56B R	NN_002806.3 NM_002814.2 NM_002805.4 NM_002805.4 NM_000961.3 NM_000961.3 NM_000963.2 NM_00263.1 NM_00285.3 NM_002827.3 NM_002834.3 NM_002834.3 NM_00285.3 NM_00285.3 NM_00285.3 NM_00285.3 NM_00285.3 NM_00285.3 NM_00285.3 NM_00285.3 NM_00285.3 NM_00285.3 NM_00285.3 NM_00285.3 NM_00285.3 NM_00285.3 NM_00285.3 NM_00285.3 NM_00285.3 NM_00285.3 NM_00285.3 NM_00124471.3 NM_002863.4 NM_002890.2 NM_014247.2 NM_0014564.1 NM_005739.3 NM_014248.2 NM_014248.2 NM_002739.3 NM_014248.2 NM_002739.3 NM_014248.2 NM_002739.3	subunit beta 8 proteasome (prosome, macropain) 265 subunit, ATPase, 6 proteasome (prosome, macropain) 265 subunit, non-ATPase, 10 proteasome (prosome, macropain) 265 subunit, non-ATPase, 14 proteasome (prosome, macropain) 265 subunit, non-ATPase, 14 proteasome (prosome, macropain) 265 subunit, non-ATPase, 6 prostaglandin E receptor 4 (subtype EP4) prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase) PTHR2;parathyroid hormone receptor 2 PTK2 protein tyrosine kinase 2 FAX2;FAK2 FTP18 NS1;Noonan syndrome 1,protein tyrosine phosphatase, non-receptor type 11 CD45 PTPRL1 PTP2.PTR2;protein tyrosine phosphatase, receptor-type, Z polypeptide 1 TNFAIPS;pentaxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5,pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5, pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5, pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5, pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5, pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5, pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5, pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5, pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5, pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5, pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5, pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5, pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5, pentraxin-related gene, rapidly induced by IL-1 bet	proteasome 265 subunit, ATPase 6 proteasome 265 subunit, non-ATPase 10 proteasome 265 subunit, non-ATPase 14 proteasome 265 subunit, non-ATPase 14 prostaglandin E receptor 4 prostaglandin E receptor 4 prostaglandin-endoperoxide synthase 2 parathyroid hormone 2 receptor 1 protein tyrosine kinase 2 beta protein tyrosine phosphatase non-receptor type 1 protein tyrosine phosphatase neeroft type 2 protein tyrosine phosphatase receptor type 3 pathyroid dihydropteridine reductase RAB3A, member RAS oncogene family RAB6B, member RAS oncogene family RAB023 homoleg B, nucleotide excision repair protein RAN binding protein 9 Rag guanine nucleotide exchange factor 2 RAS p21 protein activator 1 RAS guanyl releasing protein 1 ring-box 1 reversion inducing cystein rich protein with kazal motifs receptor accessory protein 5 ret proto-oncogene	
PSMD10 PSMD14 PSMD14 PSMD6 PTGIR4 PTGIS2 PTK25 PTK25 PTK25 PTK27 PTK27 PTK28 PTK27 PTK37 PTK3	NN_002806.3 NM_002814.2 NM_002805.4 NM_002805.4 NM_000963.2 NM_000963.2 NM_000963.1 NM_000963.1 NM_00263.2 NM_00285.3 NM_00283.3 NM_00285.3 NM_00285.3 NM_00285.3 NM_00285.3 NM_00285.3 NM_00285.3 NM_00285.3 NM_00285.3 NM_00285.3 NM_00285.3 NM_00285.3 NM_00285.3 NM_00285.3 NM_00285.3 NM_00285.3 NM_00285.3 NM_00285.3 NM_00286.4 NM_00286.4 NM_005739.3 NM_0014247.2 NM_005739.3 NM_014247.2 NM_005739.3 NM_014248.2 NM_005739.3 NM_014248.2 NM_005769.4 NM_00569.4 NM_020630.4 NM_020630.4 NM_020630.4 NM_004040.2	subunit beta 8 proteasome (prosome, macropain) 265 subunit, non-ATPase, 10 proteasome (prosome, macropain) 265 subunit, non-ATPase, 10 proteasome (prosome, macropain) 265 subunit, non-ATPase, 14 proteasome (prosome, macropain) 265 subunit, non-ATPase, 6 prostaglandin E receptor 4 (subtype EP4) prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase) PTHR2;parathyroid hormone receptor 2 PTK2 protein tyrosine kinase 2 FAX2;FAK2 PTP18 NS1;Noonan syndrome 1,protein tyrosine phosphatase, non-receptor type 11 CD45 PTPRL1 PTP2.PTR2;protein tyrosine phosphatase, receptor-type, Z polypeptide 1 TNFAIPS;pentaxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5,pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5, pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5, pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5, pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5, pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5, pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5, pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5, pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5, pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5, pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5, pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5, pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5, pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis PD2GEF1;PD2 domain containing guanine	proteasome 26S subunit, ATPase 6 proteasome 26S subunit, non-ATPase 10 proteasome 26S subunit, non-ATPase 14 proteasome 26S subunit, non-ATPase 14 prostaglandin Ereceptor 4 prostaglandin ereceptor 2 protein tyrosine kinase 2 protein tyrosine kinase 2 beta protein tyrosine phosphatase non-receptor type 1 protein tyrosine phosphatase neceptor type 2 protein tyrosine phosphatase neceptor type 4 protein tyrosine phosphatase neceptor type 4 protein tyrosine phosphatase receptor type 8 protein tyrosine phosphatase receptor type 8 protein tyrosine phosphatase receptor type 8 Pathage 10 pentrawin 3 quinoid dihydropteridine reductase RAB3A, member RAS oncogene family RAB6B, member RAS oncogene family RAB6B, member RAS oncogene family RAB6B, penther RAS oncogene family RAB02 homoulog B, nucleotide exclasion repair protein RAN binding protein 1 ring-Box 1 reversion inducing cystein rich protein with kazal motifs receptor accessory protein 5 ret proto-oncogene regulatory factor X4 ras homolog family member B	
PSMD10 PSMD14 PSMD6 PSMD6 PTGEK4 PTG52 PTG25 PTF27 PTK2 PTFX8 PTFX1 PTFX7 PTFX7 PTFX1 PTFX7 PTFX1 PTFX1 PTFX7 PTFX3 QDPR RAB3A RA56B R	NN_002806.3 NM_002814.2 NM_002805.4 NM_002805.4 NM_000961.3 NM_000961.3 NM_000963.1 NM_002963.1 NM_00283.3 NM_00283.3 NM_00283.3 NM_00283.3 NM_002845.3 NM_00285.3 NM_00285.3 NM_00285.3 NM_00285.3 NM_00285.4 NM_002865.4 NM_01306140.1 NM_002866.4 NM_01306140.1 NM_002866.4 NM_014247.2 NM_00286.2 NM_014247.2 NM_002890.2 NM_014247.2 NM_014247.2 NM_002890.2 NM_002890.2	subunit beta 8 proteasome (prosome, macropain) 265 subunit, ATPase, 6 proteasome (prosome, macropain) 265 subunit, non-ATPase, 10 proteasome (prosome, macropain) 265 subunit, non-ATPase, 14 proteasome (prosome, macropain) 265 subunit, non-ATPase, 6 prostaglandin E receptor 4 (subtype EP4) prostaglandin endoperovide synthase 1 prostaglandin-endoperovide synthase 2 (prostaglandin G/H synthase and cyclooxygenase) PTHR2;parathyroid hormone receptor 2 PTK2 protein tyrosine kinase 2 FAK2;FAK2 PTP18 NS1;Noonan syndrome 1,protein tyrosine phosphatase, non-receptor type 11 CD45 PTPR1 PTPZ;protein tyrosine phosphatase, receptor-type, Z polypeptide 1 TTNFAPS;pentaxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5,pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5,pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5,pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5,pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5,pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5,pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5,pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5,pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5,pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5,pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5,pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5,pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced protein 5,pentraxin-related gene, rapidly induced by IL-1 beta,tumor necrosis factor, alpha-induced p	proteasome 26S subunit, ATPase 6 proteasome 26S subunit, non-ATPase 10 proteasome 26S subunit, non-ATPase 14 proteasome 26S subunit, non-ATPase 4 prostaglandin 2 synthase prostaglandin endoperoxide synthase 2 parathyroid hormone 2 receptor protein tyrosine phosphatase non-receptor type 1 protein tyrosine phosphatase non-receptor type 11 protein tyrosine phosphatase non-receptor type 11 protein tyrosine phosphatase non-receptor type 1 protein tyrosine phosphatase non-receptor type 1 protein tyrosine phosphatase non-receptor type 21 protein tyrosine phosphatase receptor type X protein tyrosine phosphatase receptor type X PaBaBA, member RAS oncogene family RAB2A homolog B, nucleotide excision repair protein RAN blinding protein 9 Rap guanine nucleotide exchange factor 2 RAS p21 protein activator 1 RAS guang releasing protein 1 ring-box 1 reversion inducing cysteine rich protein with kazal motifs receptor accessory protein 5 ret proto-oncogene regulatory factor X4	Sub-maximal transcript coverage due to non-overlapping transcripts

RNF10	NM_014868.3		ring finger protein 10	
ROCK2	NM_004850.3		Rho associated coiled-coil containing protein kinase 2	
RORB	NM_006914.3	RAR-related orphan receptor B	RAR related orphan receptor B	
RTN1	NM_021136.2	NSP;neuroendocrine-specific protein	reticulon 1	
RTN4	NM_007008.2	LCD7. Iso sink represe containing Constain according reporter 7 relavia linguin like family, particle	reticulon 4	
RXFP1	NM_021634.4	LGR7;leucine-rich repeat-containing G protein-coupled receptor 7,relaxin/insulin like family peptide receptor 1	relaxin family peptide receptor 1	
			and a second sec	
S100A10	NM_002966.1	ANX2LG,CAL1L;S100 calcium-binding protein A10 (annexin II ligand, calpactin I, light polypeptide (p11)	S100 calcium binding protein A10	
S100A12	NM_005621.1	S100 calcium-binding protein A12 (calgranulin C)	S100 calcium binding protein A12	
\$100B	NM_006272.2	S100 calcium binding protein, beta (neural)	S100 calcium binding protein B	
SALL1	NM_002968.2	TBS;sal (Drosophila)-like 1,sal-like 1 (Drosophila)	spalt like transcription factor 1	
SALL3 SAMM50	NM_171999.3 NM_015380.4	sal (Drosophila)-like 3,sal-like 3 (Drosophila)	spalt like transcription factor 3	
SCD5	NM 024906.2	sorting and assembly machinery component 50 homolog (S. cerevisiae) SCD4;stearoyl-CoA desaturase 4	SAMM50 sorting and assembly machinery component stearoyl-CoA desaturase 5	
		SCN1,FEB3;febrile convulsions 3,sodium channel, voltage-gated, type I, alpha subunit,sodium channel,		
SCN1A	NM_006920.4	voltage gated, type I alpha subunit	sodium voltage-gated channel alpha subunit 1	
		MED;sodium channel, voltage gated, type VIII, alpha polypeptide,sodium channel, voltage gated, type		
SCN8A	NM_014191.2	VIII, alpha subunit, sodium channel, voltage gated, type VIII alpha subunit	sodium voltage-gated channel alpha subunit 8	
SCOC	NM_032547.3	short coiled coil protein	short coiled-coil protein	
SCP2	NM 001007100.2		stand contactor 2	Sub-maximal transcript coverage due to
SEC23A	NM_006364.2	Sec23 (S. cerevisiae) homolog A, Sec23 homolog A (S. cerevisiae)	sterol carrier protein 2 Sec23 homolog A, COPII coat complex component	non-overlapping transcripts
SEC61A2	NM_001142627.1	Sec61 alpha 2 subunit (S. cerevisiae)	SEC61 translocon subunit alpha 2	
SELENOS	NM_203472.1	VIMP;VCP-interacting membrane protein,VCP interacting membrane selenoprotein	selenoprotein S	
SELPLG	NM_001206609.1		selectin P ligand	
SERINC3	NM_006811.2	TDE1;tumor differentially expressed 1	serine incorporator 3	
		AACT;alpha-1-antichymotrypsin,serine (or cysteine) proteinase inhibitor, clade A (alpha-1		
		antiproteinase, antitrypsin), member 3, serpin peptidase inhibitor, clade A (alpha-1 antiproteinase,		
SERPINA3	NM_001085.4	antitrypsin), member 3	serpin family A member 3	
		PI7;serine (or cysteine) proteinase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 2,serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member		
SERPINE2	NM 006216.2	2	serpin family E member 2	
		C1NH;serine (or cysteine) proteinase inhibitor, clade G (C1 inhibitor), member 1, (angioedema,		
SERPING1	NM_000062.2	hereditary), serpin peptidase inhibitor, clade G (C1 inhibitor), member 1	serpin family G member 1	
SERPINI1	NM_005025.4	PI12;serine (or cysteine) proteinase inhibitor, clade I (neuroserpin), member 1	serpin family I member 1	
SGCE	NM_001099400.1	DYT11	sarcoglycan epsilon	
SH2D1A	NM_002351.4	IMD5,LYP;lymphoproliferative syndrome,SH2 domain protein 1A	SH2 domain containing 1A	
SH3GL2	NM_003026.2	SH3 domain containing GRB2 like 2	SH3 domain containing GRB2 like 2, endophilin A1	
SHANK2	NM_012309.4	CORTBP1;cortactin binding protein 1	SH3 and multiple ankyrin repeat domains 2	
		src homology 2 domain containing transforming protein C3,SHC (Src homology 2 domain containing)		
SHC3	NM_016848.5	transforming protein 3	SHC adaptor protein 3	
SIGLEC5	NM_003830.3	CD33L2;sialic acid binding Ig-like lectin 5	sialic acid binding Ig like lectin 5	
CIDDA	NINA 001040022 1	DTDNC1 - sets in the set of the set of the set of the substants 1 signal seculators, protein sinks		
SIRPA	NM_001040022.1	PTPNS1;protein tyrosine phosphatase, non-receptor type substrate 1,signal-regulatory protein alpha	signal regulatory protein alpha	
SIRT5	NM_012241.3	sirtuin (silent mating type information regulation 2, S.cerevisiae, homolog) 5, sirtuin (silent mating type information regulation 2 homolog) 5 (S. cerevisiae)	sirtuin 5	
SKP1	NM 006930.3	SKP1A;S-phase kinase-associated protein 1A (p19A)	S-phase kinase associated protein 1	
SLC10A6	NM_197965.2	solute carrier family 10 (sodium/bile acid cotransporter), member 6	solute carrier family 10 member 6	
		LSH,NRAMP,NRAMP1;solute carrier family 11 (proton-coupled divalent metal ion transporter),		
SLC11A1	NM_000578.3	member 1	solute carrier family 11 member 1	
SLC12A2	NM_001046.2	solute carrier family 12 (sodium/potassium/chloride transporter), member 2	solute carrier family 12 member 2	
SLC12A5	NM_001134771.1	solute carrier family 12 (potassium/chloride transporter), member 5	solute carrier family 12 member 5	
		solute carrier family 17 (sodium-dependent inorganic phosphate cotransporter), member 6, solute		
SLC17A6	NM_020346.2	carrier family 17 (vesicular glutamate transporter), member 6	solute carrier family 17 member 6	
		solute carrier family 17 (sodium-dependent inorganic phosphate cotransporter), member 7, solute		
SLC17A7 SLC1A3	NM_020309.2 NM_004172.4	carrier family 17 (vesicular glutamate transporter), member 7	solute carrier family 17 member 7 solute carrier family 1 member 3	
SLC1A5 SLC24A3	NM_020689.3	solute carrier family 1 (glial high affinity glutamate transporter), member 3 solute carrier family 24 (sodium/potassium/calcium exchanger), member 3	solute carrier family 24 member 3	
5002485	14141_020005.5	solute carrier family 25 (mitochondrial carrier, Aralar), member 12, solute carrier family 25	soluce carrier family 24 member 5	
SLC25A12	NM_003705.5	(aspartate/glutamate carrier), member 12	solute carrier family 25 member 12	
	-	PEO3, PEO2, ANT1; solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator),	,	
SLC25A4	NM_001151.4	member 4	solute carrier family 25 member 4	
SLC2A5	NM_003039.2	GLUT5;solute carrier family 2 (facilitated glucose/fructose transporter), member 5	solute carrier family 2 member 5	
SLC38A1	NM_001077484.1	solute carrier family 38, member 1	solute carrier family 38 member 1	
SLC38A2	NM_018976.4	solute carrier family 38, member 2	solute carrier family 38 member 2	
SLC46A1	NM_001242366.1	solute carrier family 46, member 1, solute carrier family 46 (folate transporter), member 1	solute carrier family 46 member 1	
SICEAL	NM 002042 2	solute carrier family 6 (neurotransmitter transporter, GABA), member 1, solute carrier family 6	colute carrier family 6 member 1	
SLC6A1	NM_003042.3	(neurotransmitter transporter), member 1 colute carrier family 7 (amine acid transporter light chain 1 system), member 8	solute carrier family 6 member 1	
SLC7A8 SLC8A1	NM_001267036.1 NM 021097.1	solute carrier family 7 (amino acid transporter light chain, L system), member 8 NCX1;solute carrier family 8 (sodium/calcium exchanger), member 1	solute carrier family 7 member 8 solute carrier family 8 member A1	
JUCOAL	NNI_021057.1	solute carrier family 9 (sodium/bydrogen exchanger), isoform 6, solute carrier family 9	Contraction of the second of AL	
		(sodium/hydrogen exchanger), member 6, solute carrier family 9, subfamily A (NHE6, cation proton		
SLC9A6	NM_001042537.1	antiporter 6), member 6	solute carrier family 9 member A6	
		NHEDC2;Na+/H+ exchanger domain containing 2,solute carrier family 9, subfamily B (cation proton		
		antiporter 2), member 2, solute carrier family 9, subfamily B (NHA2, cation proton antiporter 2),		
SLC9B2	NM_178833.4	member 2	solute carrier family 9 member B2	
		SLC21A9;solute carrier family 21 (organic anion transporter), member 9,solute carrier organic anion		
SLCO2B1	NM_001145211.2	transporter family, member 2B1	solute carrier organic anion transporter family member 2B1	
SLPI	NM_003064.2	secretory leukocyte protease inhibitor (antileukoproteinase)	secretory leukocyte peptidase inhibitor	
SMAD3	NM 005002.2	MADH3;MAD, mothers against decapentaplegic homolog 3 (Drosophila),SMAD, mothers against DPP homolog 3 (Drosophila)	SMAD family member 2	
SMAD3 SNAP25	NM_005902.3 NM 003081.3	homolog 3 (Drosophila) SNAP;synaptosomal-associated protein, 25kDa	SMAD family member 3 synaptosome associated protein 25	
SOD1	NM_000454.4	ALS,ALS1;amyotrophic lateral sclerosis 1 (adult),superoxide dismutase 1, soluble	superoxide dismutase 1	
		C11orf32;chromosome 11 open reading frame 32,sortilin-related receptor, L(DLR class) A repeats-		
SORL1	NM_003105.4	containing	sortilin related receptor 1	
SOX10	NM_006941.3	SRY (sex determining region Y)-box 10,SRY-box 10	SRY-box transcription factor 10	
SOX2	NM_003106.3	SRY (sex determining region Y)-box 2,SRY-box 2	SRY-box transcription factor 2	
		CMD1,CMPD1;campomelic dysplasia, autosomal sex-reversal,SRY (sex determining region Y)-box 9,SRY	-	
SOX9	NM_000346.3	box 9	SRY-box transcription factor 9	
SPARC	NM_003118.3	ON;osteonectin	secreted protein acidic and cysteine rich	
SPHK1	NM_021972.2		sphingosine kinase 1	
SPI1	NM_003120.1	spleen focus forming virus (SFFV) proviral integration oncogene	Spi-1 proto-oncogene	
SPIB	NM_003121.4	Spi-B transcription factor (Spi-1/PU.1 related)	Spi-B transcription factor	
SPP1	NM_000582.2	BNSP,OPN;osteopontin,bone sialoprotein I	secreted phosphoprotein 1	
SPTAN1	NM_001130438.1	DDD2 OCH Depart disease of loops 2 avidetive stress is the set Physical PhysicaPhys	spectrin alpha, non-erythrocytic 1	
SQSTM1	NM_001142298.1	PDB3,OSIL;Paget disease of bone 3,oxidative stress induced like	sequestosome 1	
SRGN	NM_002727.3	PRG,PRG1;proteoglycan 1, secretory granule	serglycin SRP recentor subunit aloba	
SRPRA STAB1	NM_001177842.1 NM_015136.2	SRPR;signal recognition particle receptor (docking protein)	SRP receptor subunit alpha stabilin 1	
STAB1 STAMBPL1	NM_015136.2 NM 020799.2	STAM binding protein-like 1	STAM binding protein like 1	
	_020733.2			
STAT1	NM 139266.1			
STAT1	NM_139266.1	signal transducer and activator of transcription 1, 91kD,signal transducer and activator of transcription 1, 91kDa	signal transducer and activator of transcription 1	

		development of the state of the	
STAT2	NM_005419.3	signal transducer and activator of transcription 2, 113kD, signal transducer and activator of transcription 2, 113kDa	signal transducer and activator of transcription 2
STAT2	NM_003150.3	signal transducer and activator of transcription 3 (acute-phase response factor)	signal transducer and activator of transcription 2 signal transducer and activator of transcription 3
STMN1	NM_203401.1	LAP18,C1orf215;chromosome 1 open reading frame 215,stathmin 1/oncoprotein 18	stathmin 1
STMN4	NM_030795.2	stathmin-like 4	stathmin 4
STXBP1	NM_001032221.3		syntaxin binding protein 1
			SGT1 homolog, MIS12 kinetochore complex assembly
SUGT1	NM_001130912.1	SGT1, suppressor of G2 allele of SKP1 (S. cerevisiae)	cochaperone
CU11404	NNA 002252.0	UBL1; ubiquitin-like 1 (sentrin), SMT3 suppressor of mif two 3 homolog 1 (yeast), SMT3 suppressor of	and the later star the second Plance
SUM01	NM_003352.8	mif two 3 homolog 1 (S. cerevisiae)	small ubiquitin like modifier 1
SYBU	NM_001099744.1	syntabulin (syntaxin-interacting)	syntabulin
SYN1 SYN2	NM_006950.3 NM 003178.5	MRX50;mental retardation, X-linked 50	synapsin I
SYNGR1	NM_003178.5 NM_145731.3		synapsin II synaptomyrin 1
SYT1	NM_005639.2	SYT,SVP65;synaptotagmin I	synaptogyrin 1 synaptotagmin 1
SYT13	NM_001247987.2	synaptotagmin XIII	synaptotagmin 13
SYT4	NM_020783.3	synaptotagmin IV	synaptotagmin 4
			tetratricopeptide repeat, ankyrin repeat and coiled-coil
TANC2	NM_025185.3		containing 2
TAP1	NM_000593.5	ABCB2;transporter 1, ATP-binding cassette, sub-family B (MDR/TAP)	transporter 1, ATP binding cassette subfamily B member
TARDBP	NM_007375.3		TAR DNA binding protein
TBK1	NM_013254.2	TANK-binding kinase 1	TANK binding kinase 1
TBR1	NM_006593.4	T-box, brain, 1,T-box, brain 1	T-box brain transcription factor 1
TBX21	NM_013351.1	T-box 21	T-box transcription factor 21
TCL1A	NM_001098725.1	T-cell leukemia/lymphoma 1A	T cell leukemia/lymphoma 1A
TENM4	NM_001098816.3	ODZ4;odz, odd Oz/ten-m homolog 4 (Drosophila)	teneurin transmembrane protein 4
TFEC	NM_012252.2	TCED DDD1.transformiae grouth factor hate 1	transcription factor EC
TGFB1	NM_000660.4	TGFB,DPD1;transforming growth factor, beta 1	transforming growth factor beta 1
TGFBR1	NM_004612.2	MSSE,ESS1;multiple self-healing squamous epithelioma,transforming growth factor beta receptor I	transforming growth factor beta receptor 1
101011	14141_004012.2	ICR2;transglutaminase 1 (K polypeptide epidermal type I, protein-glutamine-gamma-	נוטוטוטווווק הושענו ומכוטו שכומ וככביונו ב
TGM1	NM_000359.2	ICR2;transgiutaminase 1 (K polypeptide epidermai type I, protein-giutamine-gamma- glutamyltransferase)	transglutaminase 1
TH	NM_000360.3	0	tyrosine hydroxylase
	14141_000300.5		
		ERBA2,PRTH;thyroid hormone receptor, beta (avian erythroblastic leukemia viral (v-erb-a) oncogene	
		homolog 2), pituitary resistance to thyroid hormone, thyroid hormone receptor, beta (erythroblastic	
THRB	NM_000461.4	leukemia viral (v-erb-a) oncogene homolog 2, avian),thyroid hormone receptor, beta	thyroid hormone receptor beta
THY1	NM_006288.4		Thy-1 cell surface antigen
TIAM1	NM_001353691.1	T-cell lymphoma invasion and metastasis 1	TIAM Rac1 associated GEF 1
TICAM1	NM_014261.1	toll-like receptor adaptor molecule 1	toll like receptor adaptor molecule 1
		TIE;tyrosine kinase with immunoglobulin and epidermal growth factor homology domains 1,tyrosine	tyrosine kinase with immunoglobulin like and EGF like
TIE1	NM_005424.2	kinase with immunoglobulin-like and EGF-like domains 1	domains 1
TIMP2	NM_003255.4	tissue inhibitor of metalloproteinase 2	TIMP metallopeptidase inhibitor 2
TJP1	NM_175610.2		tight junction protein 1
TLN2	NM_015059.2		talin 2
TLR2	NM_003264.3	toll-like receptor 2	toll like receptor 2
TLR3	NM_003265.2	toll-like receptor 3	toll like receptor 3
TLR4	NM_138554.2	toll-like receptor 4	toll like receptor 4
TLR7	NM_016562.3	toll-like receptor 7	toll like receptor 7
TM4SF1	NM_014220.2	M3S1;transmembrane 4 superfamily member 1	transmembrane 4 L six family member 1
TMEM100	NM_018286.2		transmembrane protein 100
TMEM119 TMEM47	NM_181724.2 NM_031442.4	TNAACE10.teananamheana A ann anfamilt, mannhas 10	transmembrane protein 119
TMEM88B	NM_001146685.1	TM4SF10;transmembrane 4 superfamily member 10	transmembrane protein 47 transmembrane protein 88B
TMSB4X	NM 021109.4	TMSB4;thymosin, beta 4, X chromosome	thymosin beta 4 X-linked
TNF	NM_000594.2	TNFA;tumor necrosis factor (TNF superfamily, member 2)	tumor necrosis factor
		PDB2,LOH18CR1;tumor necrosis factor receptor superfamily, member 11a, activator of NFKB,Paget	
		disease of bone 2, loss of heterozygosity, 18, chromosomal region 1, tumor necrosis factor receptor	
TNFRSF11A	NM_003839.3	superfamily, member 11a, NFKB activator	TNF receptor superfamily member 11a
TNFRSF17	NM_001192.2	BCMA;tumor necrosis factor receptor superfamily, member 17	TNF receptor superfamily member 17
TNFRSF21	NM_014452.3	tumor necrosis factor receptor superfamily, member 21	TNF receptor superfamily member 21
TPI1	NM_000365.5		triosephosphate isomerase 1
TPSAB1/B2	NM_003294.3		
TRAC	ENST00000611116.1		T cell receptor alpha constant
TRAT1	NM_016388.3	TCRIM;TCRIM	T cell receptor associated transmembrane adaptor 1
TREM2	NM_018965.3	triggering receptor expressed on myeloid cells 2a	triggering receptor expressed on myeloid cells 2
TRIM17	NM_001024940.2	RNF16;tripartite motif-containing 17	tripartite motif containing 17
TRIM2	NM_001302694.1	tripartite motif-containing 2	tripartite motif containing 2
TRIM26	NM_001242783.1 NM 006458.2	ZNF173;tripartite motif-containing 26	tripartite motif containing 26 tripartite motif containing 3
TRIM3 TRIM35	NM_006458.2 NM 171982.3	RNF22;tripartite motif-containing 3 tripartite motif-containing 35	tripartite motif containing 3 tripartite motif containing 35
TRIM35 TRIM37	NM_171982.3 NM_015294.4	MUL;tripartite motif-containing 35	tripartite motif containing 35 tripartite motif containing 37
TRIM45	NM_015294.4 NM_025188.4	tripartite motif-containing 45	tripartite motif containing 37
TRIM46	NM_025058.4	tripartite motif-containing 46	tripartite motif containing 45
TRIM68	NM_001304496.2	RNF137;ring finger protein 137,tripartite motif-containing 68	tripartite motif containing 68
TSC1	NM_001162427.1	TSC;tuberous sclerosis 1	TSC complex subunit 1
TSPAN7	NM_004615.3	MXS1,TM4SF2,MRX58;transmembrane 4 superfamily member 2,mental retardation, X-linked 58	tetraspanin 7
TSPO	NM_000714.6	BZRP; benzodiazapine receptor (peripheral), translocator protein (18kDa)	translocator protein
TUSC3	NM_006765.2	MRT22;mental retardation, non-syndromic, autosomal recessive, 22	tumor suppressor candidate 3
TXN	NM_003329.2		thioredoxin
		PLOSL; polycystic lipomembranous osteodysplasia with sclerosing leukoencephalopathy, TYRO protein	
TYROBP	NM_003332.3	tyrosine kinase binding protein	transmembrane immune signaling adaptor TYROBP
		ubiquitin-conjugating enzyme E2D 2 (homologous to yeast UBC4/5), ubiquitin-conjugating enzyme E2D	
UBE2D2	NM_181838.1	2 (UBC4/5 homolog, yeast), ubiquitin-conjugating enzyme E2D 2	ubiquitin conjugating enzyme E2 D2
		UBE2G; ubiquitin-conjugating enzyme E2G 1 (homologous to C. elegans UBC7), ubiquitin-conjugating	
		enzyme E2G 1 (UBC7 homolog, C. elegans), ubiquitin-conjugating enzyme E2G 1 (UBC7 homolog,	
UBE2G1	NM_003342.4	yeast),ubiquitin-conjugating enzyme E2G 1	ubiquitin conjugating enzyme E2 G1
		ubiquitin-conjugating enzyme E2N (homologous to yeast UBC13), ubiquitin-conjugating enzyme E2N	
UBE2N	NM_003348.4	(UBC13 homolog, yeast), ubiquitin-conjugating enzyme E2N	ubiquitin conjugating enzyme E2 N UBE2NL (NM_001012989)
UBE3C	NM_014671.2		ubiquitin protein ligase E3C
		ubiquitination factor E4B (homologous to yeast UFD2), ubiquitination factor E4B (UFD2 homolog,	
UBE4B	NM_006048.3	yeast)	ubiquitination factor E4B
UBQLN1	NM_053067.2		ubiquilin 1
UBQLN2	NM_013444.3	DADI/Conditional territional entering of the state of the	ubiquilin 2
UCHL1	NM_004181.4	PARK5; ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase)	ubiquitin C-terminal hydrolase L1
UGT8 ULK1	NM_001128174.1 NM_003565.1	CGT;UDP-galactose ceramide galactosyltransferase unc-51 (C. elegans)-like kinase 1,unc-51-like kinase 1 (C. elegans)	UDP glycosyltransferase 8 unc-51 like autophagy activating kinase 1
ULKI UNC79	NM_003565.1 NM 020818.5	KIAA1409;KIAA1409,unc-79 homolog (C. elegans)	unc-51 like autophagy activating kinase 1 unc-79 homolog, NALCN channel complex subunit
UNC80 USP2	NM_032504.1 NM_001243759.1	C2orf21;chromosome 2 open reading frame 21,unc-80 homolog (C. elegans) ubiquitin specific protease 2	unc-80 homolog, NALCN channel complex subunit ubiquitin specific peptidase 2
VDAC1	NM_001243759.1 NM_003374.3		voltage dependent anion channel 1
VDACI VDAC3	NM_003374.3 NM_001135694.2		voltage dependent anion channel 3
VEGFA	NM_001025366.1	VEGF;vascular endothelial growth factor	vascular endothelial growth factor A
VIM	NM 003380.2		vimentin
VIM WASF1		WAS protein family, member 1, WAS protein family member 1	vimentin WASP family member 1

WDR35	NM_001006657.1		WD repeat domain 35	
XCL1/2	NM_002995.2	SCYC2;small inducible cytokine subfamily C, member 2,chemokine (C motif) ligand 2	X-C motif chemokine ligand 2	
		NA,NAC;Kell blood group precursor (McLeod phenotype),XK, Kell blood group complex subunit		
ХК	NM_021083.2	(McLeod syndrome), neuroacanthocytosis, neurocanthocytosis	X-linked Kx blood group	
			tyrosine 3-monooxygenase/tryptophan 5-monooxygenase	
YWHAE	NM_006761.4	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, epsilon polypeptide	activation protein epsilon	
			tyrosine 3-monooxygenase/tryptophan 5-monooxygenase	
YWHAG	NM_012479.4	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, gamma polypeptide	activation protein gamma	
			tyrosine 3-monooxygenase/tryptophan 5-monooxygenase	
YWHAH	NM_003405.3	YWHA1;tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, eta polypeptide	activation protein eta	
		tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, theta	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase	
YWHAQ	NM_006826.3	polypeptide,protein, theta	activation protein theta	
		YWHAD;tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, delta		
		polypeptide,tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase	
YWHAZ	NM_001135699.1	polypeptide	activation protein zeta	
				Sub-maximal transcript coverage due to
ZNF365	NM_014951.2		zinc finger protein 365	non-overlapping transcripts
ZPR1	NM_003904.3	ZNF259;zinc finger protein 259	ZPR1 zinc finger	
Internal Reference	ce Genes			
AARS1	NM_001605.2	AARS;alanyl-tRNA synthetase	alanyl-tRNA synthetase 1	
ASB7	NM_024708.3	ankyrin repeat and SOCS box-containing 7	ankyrin repeat and SOCS box containing 7	
CCDC127	NM_145265.2		coiled-coil domain containing 127	
CNOT10	NM_001256741.1	CCR4-NOT transcription complex, subunit 10	CCR4-NOT transcription complex subunit 10	
CSNK2A2	NM_001896.2	casein kinase 2, alpha prime polypeptide	casein kinase 2 alpha 2	
FAM104A	NM_032837.2	family with sequence similarity 104, member A	family with sequence similarity 104 member A	
GUSB	NM_000181.3	glucuronidase, beta	glucuronidase beta	
LARS1	NM_020117.9	LARS;leucyl-tRNA synthetase	leucyl-tRNA synthetase 1	
MT01	NM_133645.2	mitochondrial translation optimization 1 homolog (S. cerevisiae)	mitochondrial tRNA translation optimization 1	
SUPT7L	NM_014860.2	suppressor of Ty 7 (S. cerevisiae)-like	SPT7 like, STAGA complex subunit gamma	
TADA2B	NM_152293.3		transcriptional adaptor 2B	
		GTF2D1.SCA17	TATA-box binding protein	
твр	NM_001172085.1	GT-2DT,SCAT/	TATA-box binding protein	
ТВР	NM_001172085.1	GTF2D1,SCA17 XPNPEP,XPNPEPL1,XPNPEPL;X-prolyl aminopeptidase (aminopeptidase P)-like,X-prolyl aminopeptidase		
TBP XPNPEP1	NM_001172085.1 NM_020383.3			