

Tabelle 1: RMA present all

Transcript_ID	gene_id	gene_symbol	gene_description	FC ret/norm
12688416	505991	CHAC1	ChaC, cation transport regulator homolog 1 (E. coli)	2,3
12747893	540830	HHIP	hedgehog interacting protein	2,0
12748384	785809	LOC785809	similar to CG12393 CG12393-PA	2,0
12678266	100294973	LOC100294973	similar to CG11897	2,0
12745564	347699	OAS1	2',5'-oligoadenylate synthetase 1, 40/46kDa	1,9
12766839	100336469	LOC100336469	secreted and transmembrane protein 1A-like	1,9
12795404	512583	CCBP2	chemokine binding protein 2	1,8
12853004	281450	RELN	reelin	1,8
12851009	533374	GGCT	gamma-glutamyl cyclotransferase	1,8
12720619	538465	TRIB3	tribbles homolog 3 (Drosophila)	1,8
12807029	782166	KCNK5	potassium channel, subfamily K, member 5	1,8
12773293	781942	SECTM1	secreted and transmembrane 1	1,8
12713920	353354	DNMT3B	DNA (cytosine-5-)-methyltransferase 3 beta	1,8
12833967	518205	MGC157405	pregnancy-associated glycoprotein	1,8
12832775	337899	PAG5	pregnancy-associated glycoprotein 5	1,8
12776827	518563	HS6ST1	heparan sulfate 6-O-sulfotransferase 1	1,8
12861727	539337	WNT10B	wingless-type MMTV integration site family, member 10B	1,7
12699011	505058	MRPS24	mitochondrial ribosomal protein S24	1,7
12692805	100125937	SNX22	sorting nexin 22	1,7
12869326	786474	PNPLA3	patatin-like phospholipase domain containing 3	1,7
12907734	509206	STS	steroid sulfatase (microsomal), isozyme S	1,7
12792372	512648	ELL3	elongation factor RNA polymerase II-like 3	1,7
12893422	511556	SLC46A2	solute carrier family 46, member 2	1,7
12846771	538699	LOC538699	similar to TAF5-like RNA polymerase II p300/CBP-associated factor-associated factor 65 kDa subunit 5L (PCAF-associated factor 65 beta) (PAF65-beta)	1,7
12879457	520348	3-Mar	membrane-associated ring finger (C3HC4) 3	1,7
12828049	513137	TMEM72	transmembrane protein 72	1,7
12832740	337896	PAG3	pregnancy-associated glycoprotein 3	1,7
12705913	516021	SLC5A6	solute carrier family 5 (sodium-dependent vitamin transporter), member 6	1,7
12894406	530624	ADAMTSL1	ADAMTS-like 1	1,7
12754748	787892	PLEKHG4	pleckstrin homology domain containing, family G (with RhoGef domain) member 4	1,7
12866308	516864	ALDH1L2	aldehyde dehydrogenase 1 family, member L2	1,6
12808352	537150	SLC14A2	solute carrier family 14 (urea transporter), member 2	1,6
12888147	781423	ZNF474	zinc finger protein 474	1,6
12832787	337900	PAG6	pregnancy-associated glycoprotein 6	1,6
12762540	509931	FAM117A	family with sequence similarity 117, member A	1,6
12735060	505916	SRM	spermidine synthase	1,6
12691574	540939	THSD4	thrombospondin, type I, domain containing 4	1,6
12824957	506406	GSR	glutathione reductase	1,6
12901076	537433	SOBP	sine oculis binding protein homolog (Drosophila)	1,6
12846824	538883	DEM1	defects in morphology 1 homolog (S. cerevisiae)	1,6
12825041	509338	DKK4	dickkopf homolog 4 (Xenopus laevis)	1,6
12796976	616071	LOC616071	similar to gamma-aminobutyric acid (GABA-A) transporter 4	1,6
12807051	782894	LOC782894	similar to thrombin inhibitor	1,6
12832893	337914	PAG20	pregnancy-associated glycoprotein 20	1,6
12757474	518157	DBNDD1	dysbindin (dystrobrevin binding protein 1) domain containing 1	1,6
12791724	282151	BCL2A1	BCL2-related protein A1	1,6
12756208	504861	LOC504861	similar to cationic amino acid transporter 5	1,6
12742795	516058	HPD	4-hydroxyphenylpyruvate dioxygenase	1,6
12804490	281430	PRP3	prolactin-related protein 3	1,6
12692539	785763	LOC785763	similar to 2,3-bisphosphoglycerate mutase	1,6

12744008	538759	GPR81	G protein-coupled receptor 81	1,6
12783275	535750	ALS2	amyotrophic lateral sclerosis 2 (juvenile)	1,6
12778478	538799	B3GNT7	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 7	1,6
12802416	524513	SERPINB9	serpin peptidase inhibitor, clade B (ovalbumin), member 9	1,6
12798275	504226	URGCP	upregulator of cell proliferation	1,6
12830008	507693	INCENP	inner centromere protein antigens 135/155kDa	1,6
12740069	530613	AADACL3	arylacetamide deacetylase-like 3	1,6
12874454	520101	RASSF6	Ras association (RalGDS/AF-6) domain family member 6	1,6
12814185	617802	SCNN1G	sodium channel, nonvoltage-gated 1, gamma	1,6
12760443	100300442	LOC100300442	similar to secreted and transmembrane 1	1,6
12829673	445416	FZD4	frizzled homolog 4 (Drosophila)	1,6
12709107	407154	GJB2	gap junction protein, beta 2, 26kDa	1,6
12751808	515476	ORC6L	origin recognition complex, subunit 6 like (yeast)	1,6
12835200	784756	LOC784756	similar to PAG17 protein	1,6
12700860	525256	PREB	prolactin regulatory element binding	1,6
12876092	784340	LOC784340	similar to 2,3-bisphosphoglycerate mutase	1,6
12801585	509620	FTSJD2	FtsJ methyltransferase domain containing 2	1,6
12716096	530173	OTUD1	OTU domain containing 1	1,5
12873854	509228	PLAC8	placenta-specific 8	1,5
12765776	751574	LOC751574	secreted and transmembrane protein 1B	1,5
12769835	512313	ATP2A3	ATPase, Ca++ transporting, ubiquitous	1,5
12841743	784894	TGFBR3	transforming growth factor, beta receptor III	1,5
12843671	507323	RIMKLA	ribosomal modification protein rimK-like family member A	1,5
12707025	534311	TOR2A	torsin family 2, member A	1,5
12730813	281719	CRYAB	crystallin, alpha B	1,5
12871228	519739	AGPAT9	1-acylglycerol-3-phosphate O-acyltransferase 9	1,5
12811594	404153	CLDN3	claudin 3	1,5
12808543	539795	ABHD3	abhydrolase domain containing 3	1,5
12793863	618633	LOC618633	similar to Myeloid-associated differentiation marker	1,5
12806949	751562	LOC751562	prolactin-related protein 11	1,5
12732676	532719	GDPD5	glycerophosphodiester phosphodiesterase domain containing 5	1,5
12763791	524639	PHOSPHO1	phosphatase, orphan 1	1,5
12714979	513420	BTBD3	BTB (POZ) domain containing 3	1,5
12766193	788992	FMNL1	formin-like 1	1,5
12859556	514618	RACGAP1	Rac GTPase activating protein 1	1,5
12841016	541222	GLIS1	GLIS family zinc finger 1	1,5
12740723	539953	LOC539953	similar to Denticleless protein homolog (Lethal(2) denticleless protein homolog) (Ddb1- and Cul4-associated factor 2) (Retinoic acid-regulated nuclear matrix-associated protein)	1,5
12689173	513300	LOC513300	similar to SUMO/sentrin specific peptidase family member 8	1,5
12696380	537813	KCNH5	potassium voltage-gated channel, subfamily H (eag-related), member 5	1,5
12813150	524593	LOC524593	similar to opposite strand transcription unit to Stag3	1,5
12682289	613977	LOC613977	similar to TPA-induced transmembrane protein	1,5
12714668	510420	MYBL2	v-myb myeloblastosis viral oncogene homolog (avian)-like 2	1,5
12876009	781671	LOC781671	similar to KIAA0063 gene product	1,5
12747110	527631	PLA2G3	phospholipase A2, group III	1,5
12694567	511375	SFXN1	sideroflexin 1	1,5
12759325	616720	LOC616720	similar to mCG67989	1,5
12871689	534164	SLIT2	slit homolog 2 (Drosophila)	1,5
12832873	337912	PAG17	pregnancy-associated glycoprotein 17	1,5

12691139	539224	PAK6	p21 protein (Cdc42/Rac)-activated kinase 6	1,5
12695025	516557	SAV1	salvador homolog 1 (Drosophila)	1,5
12873497	504350	ENPEP	glutamyl aminopeptidase (aminopeptidase A)	1,5
12809659	514078	LOC514078	similar to Myosin-Vb	1,5
12894398	529443	MFAP3L	microfibrillar-associated protein 3-like	1,5
12727230	507975	FIBIN	fin bud initiation factor homolog (zebrafish)	1,5
12716151	532407	SLC4A11	solute carrier family 4, sodium borate transporter, member 11	1,5
12844219	511264	SKP1	S-phase kinase-associated protein 1	1,5
12805993	527645	LOC527645	similar to Histone H4 replacement CG3379-PC	1,5
12893924	515749	CTNNAL1	catenin (cadherin-associated protein), alpha-like 1	1,5
12754440	782309	PLEKHF1	pleckstrin homology domain containing, family F (with FYVE domain) member 1	1,5
12824241	530874	CLN8	ceroid-lipofuscinosis, neuronal 8 (epilepsy, progressive with mental retardation)	1,5
12753384	539353	HEATR3	HEAT repeat containing 3	1,5
12778074	535605	TUBA1D	tubulin, alpha 3d	1,5
12687041	617307	SLC19A1	solute carrier family 19 (folate transporter), member 1	1,5
12875937	618404	LOC618404	similar to dynamin binding protein	1,5
12796483	535858	VIPR1	vasoactive intestinal peptide receptor 1	1,5
12707387	538967	CDC42EP3	CDC42 effector protein (Rho GTPase binding) 3	1,5
12905677	614768	LOC614768	similar to premature ovarian failure 1B (predicted)	1,5
12805950	525511	LOC525511	similar to histone cluster 1, H3f	1,5
12848259	787258	FOXE3	forkhead box E3	1,5
12767740	360192	AURKB	aurora kinase B	1,5
12768579	507710	TMEM92	transmembrane protein 92	1,5
12746135	508790	TMEM120B	transmembrane protein 120B	1,5
12784956	100301247	LOC100301247	similar to cyclin A1	1,5
12691859	614323	CA12	carbonic anhydrase XII	1,5
12791280	767818	PRC1	protein regulator of cytokinesis 1	1,4
12833412	510038	AQP11	aquaporin 11	1,4
12845651	527708	LRRC8C	leucine rich repeat containing 8 family, member C	1,4
12802230	517481	LOC517481	similar to Histone H4 replacement CG3379-PC	1,4
12864073	281952	SLC6A15	solute carrier family 6 (neutral amino acid transporter), member 15	1,4
12688730	509034	LOC509034	similar to Feline leukemia virus subgroup C receptor-related protein 2 (Calcium-chelate transporter) (CCT)	1,4
12832903	337915	PAG21	pregnancy-associated glycoprotein 21	1,4
12692561	786492	LGALS3	lectin, galactoside-binding, soluble, 3	1,4
12893857	515287	CDCA2	cell division cycle associated 2	1,4
12693726	404167	GCNT3	glucosaminyl (N-acetyl) transferase 3, mucin type	1,4
12899189	100298760	LOC100298760	similar to discoidin, CUB and LCCL domain containing 2	1,4
12830997	520599	TBC1D10C	TBC1 domain family, member 10C	1,4
12853428	505060	CYP51A1	cytochrome P450, family 51, subfamily A, polypeptide 1	1,4
12773167	619066	RAC3	ras-related C3 botulinum toxin substrate 3 (rho family, small GTP binding protein Rac3)	1,4
12850069	512293	LOC512293	similar to Cyclin B1	1,4
12861552	538476	LOC538476	similar to Protein FAM83F	1,4
12847611	616665	FNBP1L	formin binding protein 1-like	1,4
12788328	614612	SRD5A1	steroid-5-alpha-reductase, alpha polypeptide 1 (3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha 1)	1,4
12896388	100336768	LOC100336768	v-ros UR2 sarcoma virus oncogene homolog 1 (avian)-like	1,4
12729060	534309	C8H9orf30	chromosome 9 open reading frame 30 ortholog	1,4
12727556	511885	PLEKHB1	pleckstrin homology domain containing, family B (evectins) member 1	1,4
12826384	522371	TSPAN15	tetraspanin 15	1,4

12834190	523885	TMEM135	transmembrane protein 135	1,4
12865696	513301	PIK3C2G	phosphoinositide-3-kinase, class 2, gamma polypeptide	1,4
12812158	510243	HMOX2	heme oxygenase (decycling) 2	1,4
12742595	513234	OSAP	ovary-specific acidic protein	1,4
12704183	404124	ST6GALNAC2	ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-acetylglactosaminide alpha-2,6-sialyltransferase 2	1,4
12824282	532571	WWC2	WW and C2 domain containing 2	1,4
12863567	100297468	LOC100297468	similar to CD24 antigen	1,4
12744415	614726	SH2B3	SH2B adaptor protein 3	1,4
12829936	506687	SLC37A2	solute carrier family 37 (glycerol-3-phosphate transporter), member 2	1,4
12844589	513428	PPIH	peptidylprolyl isomerase H (cyclophilin H)	1,4
12804243	100298767	LOC100298767	similar to prolactin	1,4
12841969	788724	LOC788724	similar to histone cluster 2, H2aa4	1,4
12787030	327679	CCNB1	cyclin B1	1,4
12723771	783254	SAMD12	sterile alpha motif domain containing 12	1,4
12889361	505572	DOCK5	dedicator of cytokinesis 5	1,4
12804021	788250	LOC788250	similar to histone cluster 1, H3f	1,4
12721343	787809	LOC787809	similar to zinc finger protein 64	1,4
12813377	531092	MMP25	similar to matrix metalloproteinase 25 preproprotein	1,4
12833133	506260	LOC506260	similar to Rho GTPase-activating protein	1,4
12680013	512028	LIPH	lipase, member H	1,4
12731246	505537	RRM1	ribonucleotide reductase M1	1,4
12819138	504632	CNNM2	cyclin M2	1,4
12874156	513362	NPNT	nephronectin	1,4
12694899	515330	MYO9A	myosin IXA	1,4
12721672	282351	ST3GAL1	ST3 beta-galactoside alpha-2,3-sialyltransferase 1	1,4
12832863	337911	PAG18	pregnancy-associated glycoprotein 18	1,4
12896970	508105	TNFAIP3	tumor necrosis factor, alpha-induced protein 3	1,4
12804010	787581	H2B	histone H2B	1,4
12721562	100313407	MIR2489	microRNA mir-2489	1,4
12784724	788312	LOC788312	similar to Formin-like protein 2 (Formin homology 2 domain-containing protein 2)	1,4
12768879	508490	ITGA3	integrin, alpha 3 (antigen CD49C, alpha 3 subunit of VLA-3 receptor)	1,4
12826200	513640	LOC513640	similar to CXXC-type zinc finger protein 6 (Leukemia-associated protein with a CXXC domain)	1,4
12854718	523798	PON1	paraoxonase 1	1,4
12822410	521231	PKD2L1	polycystic kidney disease 2-like 1	1,4
12767942	504242	HDAC5	histone deacetylase 5	1,4
12739399	513095	ENAH	enabled homolog (Drosophila)	1,4
12804755	497206	PRP-VII	prolactin-related protein VII	1,4
12865396	510781	JOSD1	Josephin domain containing 1	1,4
12827101	615066	ANAPC11	similar to anaphase promoting complex subunit 11 homolog	1,4
12864766	506480	KRT18	keratin 18	1,4
12726914	404129	DGAT2	diacylglycerol O-acyltransferase homolog 2 (mouse)	1,4
12718754	507969	SLCO4A1	solute carrier organic anion transporter family, member 4A1	1,4
12854099	514209	ASNS	asparagine synthetase	1,4
12815840	507073	CCDC64B	coiled-coil domain containing 64B	1,4
12899094	785633	LOC785633	similar to S-phase kinase-associated protein 1	1,4
12859437	513922	GTPBP1	GTP binding protein 1	1,4
12874611	527169	GRSF1	G-rich RNA sequence binding factor 1	1,4
12838795	519027	KANK4	KN motif and ankyrin repeat domains 4	1,4
12791099	614354	LASS3	LAG1 homolog, ceramide synthase 3	1,4
12701303	534119	DTNB	dystrobrevin, beta	1,4

12817058	520173	TMEM120A	transmembrane protein 120A	1,4
12762867	511690	ST6GALNAC2	ST6 (alpha-N-acetyl-neuraminy-2,3-beta-galactosyl-1,3)-N-acetylglactosaminide alpha-2,6-sialyltransferase 2	1,4
12787593	519018	SKP2	S-phase kinase-associated protein 2 (p45)	1,4
12898308	535263	SCML4	sex comb on midleg-like 4 (Drosophila)	1,4
12761869	506146	UNC13D	unc-13 homolog D (C. elegans)	1,4
12905702	615421	ZDHHC15	zinc finger, DHHC-type containing 15	1,4
12785235	506404	CENPK	centromere protein K	1,4
12809449	510230	PPP4R1	protein phosphatase 4, regulatory subunit 1	1,4
12895494	617620	CORO2A	coronin, actin binding protein, 2A	1,4
12872471	615885	GABRG1	gamma-aminobutyric acid (GABA) A receptor, gamma 1	1,4
12803572	616627	HIST1H2BK	H2B histone family, member T	1,4
12794535	445425	TKT	transketolase	1,4
12721928	504480	SGK3	similar to Serine/threonine-protein kinase Sgk3 (Serum/glucocorticoid-regulated kinase 3) (Serum/glucocorticoid-regulated kinase-like)	1,4
12703774	280715	AK1	adenylate kinase 1	1,4
12851025	533785	BPGM	2,3-bisphosphoglycerate mutase	1,4
12698714	326577	SLC1A4	solute carrier family 1 (glutamate/neutral amino acid transporter), member 4	1,4
12879363	518833	CYFIP2	cytoplasmic FMR1 interacting protein 2	1,4
12803582	616800	LOC616800	similar to histone cluster 1, H3f	1,4
12872715	782858	LOC782858	similar to ring finger protein 126	1,4
12806768	616634	LOC616634	similar to histone cluster 1, H2ag	1,4
12690214	529131	DAPK2	death-associated protein kinase 2	1,4
12862008	540703	FOXJ2	forkhead box J2	1,4
12828604	535132	SIPA1L2	signal-induced proliferation-associated 1 like 2	1,4
12724305	286813	TTPA	tocopherol (alpha) transfer protein	1,4
12900524	521027	SLC22A2	solute carrier family 22 (organic cation transporter), member 2	1,4
12894264	525698	C8H4orf27	chromosome 4 open reading frame 27 ortholog	1,4
12730190	782358	LOC782358	similar to Protein FAM55A	1,4
12827480	100336408	LOC100336408	egl nine homolog 1-like	1,4
12855131	535171	MPP6	membrane protein, palmitoylated 6 (MAGUK p55 subfamily member 6)	1,4
12726011	615095	KHDRBS3	KH domain containing, RNA binding, signal transduction associated 3	1,4
12782544	529043	ARHGEF10L	Rho guanine nucleotide exchange factor (GEF) 10-like	1,4
12800901	100271839	C23H6orf141	chromosome 6 open reading frame 141 ortholog	1,4
12883870	505310	SLC5A5	solute carrier family 5 (sodium iodide symporter), member 5	1,4
12835111	618649	SHANK2	SH3 and multiple ankyrin repeat domains 2	1,4
12791484	100140180	LOC100140180	hypothetical protein LOC100140180	1,4
12768988	508942	LIMD2	LIM domain containing 2	1,4
12791907	503579	FOXA1	forkhead box A1	1,4
12760156	789870	LOC789870	similar to Peptidyl-prolyl cis-trans isomerase H (PPIase H) (Rotamase H) (U-snRNP-associated cyclophilin SnuCyp-20) (USA-CYP) (Small nuclear ribonucleoprotein particle-specific cyclophilin H) (CypH)	1,4
12711148	281750	EDNRB	endothelin receptor type B	1,4
12832798	337901	PAG7	pregnancy-associated glycoprotein 7	1,4
12846750	538209	PTGFRN	prostaglandin F2 receptor negative regulator	1,4
12873186	281230	HPSE	heparanase	1,4
12857319	286767	PTH1H	parathyroid hormone-like hormone	1,4
12790554	530688	RPP25	ribonuclease P/MRP 25kDa subunit	1,4

12907975	511661	SLC6A14	solute carrier family 6 (amino acid transporter), member 14	1,4
12736678	534048	CDK18	cyclin-dependent kinase 18	1,4
12845080	517584	LRRC8B	leucine rich repeat containing 8 family, member B	1,4
12840786	539979	TESK2	testis-specific kinase 2	1,3
12812144	509616	LOC509616	similar to Williams-Beuren syndrome chromosome region 27	1,3
12731414	507022	LOC507022	similar to olfactory receptor Olr37	1,3
12903280	504822	XPNPEP2	X-prolyl aminopeptidase (aminopeptidase P) 2, membrane-bound	1,3
12869954	281681	CENPE	centromere protein E, 312kDa	1,3
12735556	514447	CLSTN1	calsyntenin 1	1,3
12839991	534576	PABPC4	poly(A) binding protein, cytoplasmic 4 (inducible form)	1,3
12843900	509004	CD1B	CD1b molecule	1,3
12813534	533355	SCNN1B	sodium channel, nonvoltage-gated 1, beta	1,3
12802575	527388	LOC527388	similar to Histone H4 replacement CG3379-PC	1,3
12810066	529859	LOC529859	similar to KIAA1632	1,3
12838432	514345	MCOLN3	mucolipin 3	1,3
12717920	280712	ADA	adenosine deaminase	1,3
12754885	789894	LOC789894	similar to PAP-associated domain-containing protein 5 (Topoisomerase-related function protein 4-2) (TRF4-2)	1,3
12782441	527199	INO80D	INO80 complex subunit D	1,3
12810723	782054	LOC782054	similar to S-phase kinase-associated protein 1	1,3
12762566	510264	DHRS11	dehydrogenase/reductase (SDR family) member 11	1,3
12832069	767970	ASRGL1	asparaginase like 1	1,3
12836813	505886	IQGAP3	IQ motif containing GTPase activating protein 3	1,3
12705249	510955	C11H2orf50	chromosome 2 open reading frame 50 ortholog	1,3
12859274	513221	HMOX1	heme oxygenase (decycling) 1	1,3
12874291	516104	CXCL11	chemokine (C-X-C motif) ligand 11	1,3
12835088	618360	LOC618360	similar to Nitric oxide-inducible gene protein	1,3
12854164	514986	MKRN1	makorin ring finger protein 1	1,3
12685459	530157	ESYT3	extended synaptotagmin-like protein 3	1,3
12843976	509609	CD101	CD101 molecule	1,3
12739111	508637	SUSD4	sushi domain containing 4	1,3
12755716	281677	CEBPA	CCAAT/enhancer binding protein (C/EBP), alpha	1,3
12848404	100125928	HIG2	hypoxia-inducible protein 2	1,3
12719715	519069	LOC519069	similar to histone cluster 1, H2bd	1,3
12786321	539571	ESM1	endothelial cell-specific molecule 1	1,3
12685446	530116	DAZL	deleted in azoospermia-like	1,3
12774809	338070	CHRNA1	cholinergic receptor, nicotinic, alpha 1 (muscle)	1,3
12850290	516290	ARHGEF5	Rho guanine nucleotide exchange factor (GEF) 5	1,3
12802789	533049	BOLA	non-classical MHC class I antigen	1,3
12817842	534672	LOC534672	similar to family with sequence similarity 20, member C	1,3
12713427	100335935	LOC100335935	hypothetical protein LOC100335935	1,3
12710796	781586	SLITRK5	SLIT and NTRK-like family, member 5	1,3
12683992	507646	TM4SF4	transmembrane 4 L six family member 4	1,3
12807147	787465	LOC787465	similar to histone cluster 1, H2bd	1,3
12751545	514212	MYH14	myosin, heavy chain 14, non-muscle	1,3
12806818	617406	LOC617406	similar to thrombin inhibitor	1,3
12772859	616275	ANAPC11	anaphase promoting complex subunit 11	1,3
12899051	783090	LOC783090	similar to chromosome 6 open reading frame 168	1,3
12830506	512924	RHOD	ras homolog gene family, member D	1,3
12838856	520518	LOC520518	similar to Hcp beta-lactamase-like protein C1orf163	1,3
12791634	281456	RHCG	Rh family, C glycoprotein	1,3
12885827	523046	FAT2	FAT tumor suppressor homolog 2 (Drosophila)	1,3
12783927	541050	YTHDF2	YTH domain family, member 2	1,3
12825466	538708	SLC7A2	solute carrier family 7 (cationic amino acid transporter, y+ system), member 2	1,3
12893713	513828	TBC1D2	TBC1 domain family, member 2	1,3

12823365	100294770	LOC100294770	hypothetical protein LOC100294770	1,3
12741876	100337207	LOC100337207	transmembrane and coiled-coil domain-containing protein C6orf129 homolog-like	1,3
12720214	530401	NFATC2	nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 2	1,3
12699923	514039	EPCAM	epithelial cell adhesion molecule	1,3
12815016	100300956	LOC100300956	hypothetical protein LOC100300956	1,3
12800906	100294773	LOC100294773	similar to histone cluster 1, H2ag	1,3
12837120	506991	TXNDC12	thioredoxin domain containing 12 (endoplasmic reticulum)	1,3
12752815	533130	PHLPP2	PH domain and leucine rich repeat protein phosphatase 2	1,3
12847418	615039	AKIRIN1	akirin 1	1,3
12832763	337898	PAG4	pregnancy-associated glycoprotein 4	1,3
12888738	100139803	TMEFF1	transmembrane protein with EGF-like and two follistatin-like domains 1	1,3
12899207	100299874	LOC100299874	similar to nucleolar and spindle associated protein 1	1,3
12737129	540090	RNF2	ring finger protein 2	1,3
12803265	539875	LOC539875	similar to histone cluster 1, H3f	1,3
12685379	529537	C2CD2	C2 calcium-dependent domain containing 2	1,3
12779218	614932	ALS2CR13	amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 13	1,3
12899267	100336870	LOC100336870	5-nucleotidase-like	1,3
12775831	508763	TFPI	tissue factor pathway inhibitor (lipoprotein-associated coagulation inhibitor)	1,3
12871032	514798	RUFY3	RUN and FYVE domain containing 3	1,3
12701722	535992	RAB11FIP5	RAB11 family interacting protein 5 (class I)	1,3
12792769	520207	LOC520207	similar to Nesprin-3	1,3
12764375	532807	LOC532807	similar to RUN and FYVE domain containing 3	1,3
12896625	281849	IGF2R	insulin-like growth factor 2 receptor	1,3
12899815	506781	CNKSR3	CNKSR family member 3	1,3
12841430	617707	PPAP2B	phosphatidic acid phosphatase type 2B	1,3
12890336	515437	SLC39A14	solute carrier family 39 (zinc transporter), member 14	1,3
12690136	528109	MPP5	membrane protein, palmitoylated 5 (MAGUK p55 subfamily member 5)	1,3
12789584	508575	G2E3	G2/M-phase specific E3 ubiquitin ligase	1,3
12851976	616302	AGAP3	ArfGAP with GTPase domain, ankyrin repeat and PH domain 3	1,3
12892532	100336804	LOC100336804	hCG1818607-like	1,3
12766690	100295130	LOC100295130	similar to lysosomal-associated protein transmembrane 4B	1,3
12836457	504657	ARHGAP29	Rho GTPase activating protein 29	1,3
12898982	767920	MGC127538	hypothetical protein MGC127538	1,3
12872263	541299	STIM2	stromal interaction molecule 2	1,3
12867807	539381	CSRP2	cysteine and glycine-rich protein 2	1,3
12702089	539646	GAPVD1	GTPase activating protein and VPS9 domains 1	1,3
12727180	507159	BBOX1	butyrobetaine (gamma), 2-oxoglutarate dioxygenase (gamma-butyrobetaine hydroxylase) 1	1,3
12896039	785867	LOC785867	similar to Rho-related BTB domain containing 2	1,3
12742398	510256	SVOP	SV2 related protein homolog (rat)	1,3
12764393	533484	DHX40	DEAH (Asp-Glu-Ala-His) box polypeptide 40	1,3
12842705	282020	PTGFR	prostaglandin F receptor (FP)	1,3
12689529	515748	KIF23	kinesin family member 23	1,3
12734981	505149	DYRK3	tau-specificity tyrosine-(Y)-phosphorylation regulated kinase 3	1,3
12895327	615498	AQP7	aquaporin 7	1,3
12890164	512907	PDLIM2	PDZ and LIM domain 2 (mystique)	1,3
12771502	532359	FOXK2	forkhead box K2	1,3
12761302	327712	CCL5	chemokine (C-C motif) ligand 5	1,3

12707965	614868	KHK	ketoheokinase (fructokinase)	1,3
12821102	783804	CENPN	centromere protein N	1,3
12871633	533333	ELOVL6	ELOVL family member 6, elongation of long chain fatty acids (FEN1/Elo2, SUR4/Elo3-like, yeast)	1,3
12806644	613971	PRP8	prolactin-related protein VIII	1,3
12705899	515820	SH2D3C	SH2 domain containing 3C	1,3
12722842	524974	LOC524974	similar to Prion-like-(Q/N-rich)-domain-bearing protein family member (pqn-75)	1,3
12877473	504458	MLLT1	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 1	1,3
12792414	513372	MTHFS	5,10-methenyltetrahydrofolate synthetase (5-formyltetrahydrofolate cyclo-ligase)	1,3
12723812	786966	LOC786966	similar to rCG59523	1,3
12733029	538739	DSCAML1	Down syndrome cell adhesion molecule like 1	1,3
12679790	511229	LOC511229	similar to mCG142710	1,3
12683430	282184	CLDN16	claudin 16	1,3
12777627	532067	COBLL1	COBL-like 1	1,3
12710644	617043	LOC617043	similar to histone 1, H2bn (predicted)	1,3
12847763	619141	LOC619141	similar to His3:CG31613 CG31613-PA	1,3
12841924	788077	LOC788077	similar to Hist1h3e protein	1,3
12847254	613828	DR1	down-regulator of transcription 1, TBP-binding (negative cofactor 2)	1,3
12683071	100336456	LOC100336456	limbic system-associated membrane protein-like	1,3
12709325	508454	GJB6	gap junction protein, beta 6, 30kDa	1,3
12691559	540869	SLC30A4	solute carrier family 30 (zinc transporter), member 4	1,3
12832853	337910	PAG16	pregnancy-associated glycoprotein 16	1,3
12690420	532574	MYO5C	myosin VC	1,3
12728753	529030	RTN4RL2	reticulon 4 receptor-like 2	1,3
12681054	525900	SHOX2	short stature homeobox 2	1,3
12815354	504245	ARHGAP17	Rho GTPase activating protein 17	1,3
12823616	504489	LONRF1	LON peptidase N-terminal domain and ring finger 1	1,3
12724911	511940	MAL2	mal, T-cell differentiation protein 2	1,3
12759184	614988	TPPP3	tubulin polymerization-promoting protein family member 3	1,3
12737853	789713	RALGPS2	Ral GEF with PH domain and SH3 binding motif 2	1,3
12702232	540187	EML4	echinoderm microtubule associated protein like 4	1,3
12795865	520167	LAMB2	laminin, beta 2 (laminin S)	1,3
12821398	281206	GOT1	glutamic-oxaloacetic transaminase 1, soluble (aspartate aminotransferase 1)	1,3
12804914	505183	LOC505183	similar to histone cluster 1, H2bd	1,3
12825927	282142	ANXA11	annexin A11	1,3
12802623	528329	LOC528329	similar to Histone H4 replacement CG3379-PC	1,3
12803164	538212	GNMT	glycine N-methyltransferase	1,3
12806778	616776	LOC616776	similar to histone cluster 1, H2bd	1,3
12873166	280934	SULT1E1	sulfotransferase family 1E, estrogen-preferring, member 1	1,3
12881001	538519	MKNK2	MAP kinase interacting serine/threonine kinase 2	1,3
12738139	100335299	LOC100335299	hypothetical protein LOC100335299	1,3
12869630	100313258	MIR218-1	microRNA mir-218-1	1,3
12785155	326597	CALM	calmodulin-like	1,3
12835535	100297337	LOC100297337	hypothetical protein LOC100297337	1,3
12842845	282709	RHBG	Rh family, B glycoprotein (gene/pseudogene)	1,3
12821704	504991	ANKRD22	ankyrin repeat domain 22	1,3
12782838	533324	LOC533324	similar to Protein FAM126B	1,3
12709172	505595	MCF2L	MCF.2 cell line derived transforming sequence-like	1,3
12805809	517138	LOC517138	similar to Histone H4 replacement CG3379-PC	1,3
12836428	504595	DENND2D	DENN/MADD domain containing 2D	1,3
12781280	511199	LDLRAP1	low density lipoprotein receptor adaptor protein 1	1,3

12848001	782689	LOC782689	similar to ST6 (alpha-N-acetyl-neuraminy-2,3-beta-galactosyl-1,3)-N-acetyl-galactosaminide alpha-2,6-sialyltransferase 3	1,3
12823376	100295597	LOC100295597	similar to histone cluster 1, H2bd	1,3
12869693	100336936	LOC100336936	CDP-diacylglycerol synthase 1-like	1,3
12691569	540925	SCN3B	sodium channel, voltage-gated, type III, beta	1,3
12687118	781410	LOC781410	similar to histone cluster 1, H2bd	1,3
12882076	767948	FAF2	Fas associated factor family member 2	1,3
12845601	526978	MANEAL	mannosidase, endo-alpha-like	1,3
12892785	282353	SLC1A1	solute carrier family 1 (neuronal/epithelial high affinity glutamate transporter, system Xag), member 1	1,3
12810182	532895	TTC39C	similar to TPR repeat-containing protein C18orf17	1,3
12859257	512905	APOL3	apolipoprotein L, 3	1,3
12725482	525303	GGH	gamma-glutamyl hydrolase (conjugase, folylpolyglutamyl hydrolase)	1,3
12750348	507593	TMEM188	transmembrane protein 188	1,3
12869279	785824	MGC127055	hypothetical protein LOC785824	1,3
12781790	517552	GAD1	glutamate decarboxylase 1 (brain, 67kDa)	1,3
12743757	534793	INPP4B	inositol polyphosphate-4-phosphatase, type II, 105kDa	1,3
12887757	615427	SKP1	S-phase kinase-associated protein 1	1,3
12854261	517496	ZNF777	zinc finger protein 777	1,3
12804810	504548	UBD	ubiquitin D	1,3
12779369	616887	LOC616887	hypothetical LOC616887	1,3
12774276	100337041	LOC100337041	sphingosine-1-phosphate phosphatase 2-like	1,3
12765661	618012	LOC618012	similar to histone cluster 1, H2bd	1,3
12686668	614056	SGOL1	shugoshin-like 1 (S. pombe)	1,3
12836443	504599	LOC504599	histone H3.2	1,3
12872704	782350	LOC782350	similar to histone cluster 1, H2bd	1,3
12696829	540039	NPTN	neuroplastin	1,3
12780807	507139	GCA	grancalcin, EF-hand calcium binding protein	1,3
12829677	493720	FADD	Fas (TNFRSF6)-associated via death domain	1,3
12804435	280989	AIF1	allograft inflammatory factor 1	1,3
12826028	505563	KCNK1	potassium channel, subfamily K, member 1	1,3
12801980	513929	FKBPL	FK506 binding protein like	1,3
12767454	282365	SLC6A4	solute carrier family 6 (neurotransmitter transporter, serotonin), member 4	1,3
12871275	522345	SLC30A9	solute carrier family 30 (zinc transporter), member 9	1,3
12906073	783451	BEX4	brain expressed, X-linked 4	1,3
12829162	100297610	LOC100297610	similar to CG10465	1,3
12837452	509100	C3H1ORF210	chromosome 1 open reading frame 210 ortholog	1,3
12900926	534254	FAM54A	DUF729 domain containing 1	1,3
12870366	337870	MAD2L1	MAD2 mitotic arrest deficient-like 1 (yeast)	1,3
12817696	532337	GSPT1	G1 to S phase transition 1	1,3
12863929	280946	TST	thiosulfate sulfurtransferase (rhodanese)	1,3
12814059	616898	LOC616898	hypothetical protein LOC616898	1,3
12820554	536516	TDRD1	tudor domain containing 1	1,3
12785058	100337431	LOC100337431	solute carrier family 12, member 7-like	1,3
12832393	100297748	LOC100297748	hypothetical protein LOC100297748	1,3
12698951	504477	NCAPH	non-SMC condensin I complex, subunit H	1,3
12679162	506114	TFDP2	transcription factor Dp-2 (E2F dimerization partner 2)	1,3
12690591	534040	SPINT1	serine peptidase inhibitor, Kunitz type 1	1,3
12730037	617470	IL18BP	interleukin 18 binding protein	1,3
12799135	515845	FANCD2	Fanconi anemia, complementation group D2	1,3
12689874	523056	LOC523056	similar to BCL2-like 10 (apoptosis facilitator)	1,3
12897811	532081	LOC532081	similar to Protein FAM135A	1,3
12893362	511010	PTPN3	protein tyrosine phosphatase, non-receptor type 3	1,3
12849944	511416	CPA5	carboxypeptidase A5	1,3
12683782	504746	ECT2	epithelial cell transforming sequence 2 oncogene	1,3

12706341	525901	KCNG3	potassium voltage-gated channel, subfamily G, member 3	1,3
12860032	520087	MGAT3	mannosyl (beta-1,4-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase	1,3
12780177	281356	NPPC	natriuretic peptide precursor C	1,3
12802519	525512	LOC525512	similar to Hist1h2bj protein	1,3
12872011	538409	CASP6	caspase 6, apoptosis-related cysteine peptidase	1,3
12729690	540848	B3GNT6	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 6 (core 3 synthase)	1,3
12850105	512903	CPA4	carboxypeptidase A4	1,3
12750435	508131	ZNF836	zinc finger protein 836	1,3
12730711	280713	ADM	adrenomedullin	1,3
12847081	540776	EFNA3	ephrin-A3	1,3
12679105	505569	CLCN2	chloride channel 2	1,3
12843700	507455	SLC44A3	solute carrier family 44, member 3	1,3
12683750	504698	TFRC	transferrin receptor (p90, CD71)	1,3
12847510	615827	CKS1B	CDC28 protein kinase regulatory subunit 1B	1,3
12775398	506029	STRADB	STE20-related kinase adaptor beta	1,3
12832622	281173	FTH1	ferritin, heavy polypeptide 1	1,3
12802308	519934	H2B	histone H2B-like	1,3
12903071	337918	SRPX	sushi-repeat-containing protein, X-linked	1,3
12804005	787269	LOC787269	similar to histone cluster 1, H2bd	1,3
12688316	414732	GATM	glycine amidinotransferase (L-arginine:glycine amidinotransferase)	1,3
12803584	616819	LOC616819	similar to histone cluster 1, H3f	1,3
12693824	504425	LOC504425	similar to ribosomal protein L18a	1,3
12693160	100300494	LOC100300494	hypothetical LOC100300494	1,3
12721190	782061	LOC782061	similar to AKRIC1 protein	1,3
12888968	100337045	LOC100337045	cell division cycle-associated protein 2-like	1,3
12689577	516537	LOC516537	similar to peroxisomal long-chain acyl-coA thioesterase	1,3
12806954	751813	BOLA	MHC class I antigen clone 2	1,3
12819469	511417	SHOC2	soc-2 suppressor of clear homolog (C. elegans)	1,3
12691776	613752	LOC613752	similar to histone cluster 1, H2bd	1,3
12895648	780881	C9orf100	vav-like protein C9orf100 homolog	1,3
12720338	533289	PIP4K2A	phosphatidylinositol-5-phosphate 4-kinase, type II, alpha	1,3
12874307	516507	LRRC66	leucine rich repeat containing 66	1,3
12807165	788496	LOC788496	similar to MGC133868 protein	1,3
12807717	507631	TYMS	thymidylate synthetase	1,3
12848182	785516	RPS25	similar to mCG10725	1,3
12728637	527418	CBL	Cas-Br-M (murine) ecotropic retroviral transforming sequence	1,3
12719311	514399	NDRG3	NDRG family member 3	1,3
12896683	282150	BCKDHB	branched chain keto acid dehydrogenase E1, beta polypeptide	1,3
12805834	518961	LOC518961	similar to Histone H4 replacement CG3379-PC	1,3
12803716	618824	LOC618824	similar to histone cluster 1, H2ag	1,3
12813668	538163	CALN1	calneuron 1	1,3
12802810	533188	CD2AP	CD2-associated protein	1,3
12728515	525863	LOC525863	similar to Hist1h4c protein	1,3
12874182	513990	CXCL9	chemokine (C-X-C motif) ligand 9	1,3
12783946	541192	SATB2	SATB homeobox 2	1,3
12832809	337903	PAG9	pregnancy-associated glycoprotein 9	1,3
12898421	537625	LOC537625	similar to chromosome 6 open reading frame 204	1,3
12786255	539442	FOXI1	forkhead box I1	1,3
12832843	337909	PAG15	pregnancy-associated glycoprotein 15	1,3
12715236	515919	EPB41L1	erythrocyte membrane protein band 4.1-like 1	1,3
12716738	540206	MASTL	microtubule associated serine/threonine kinase-like	1,3

12739768	518632	NUAK2	NUAK family, SNF1-like kinase, 2	1,3
12697409	617811	ARHGAP11A	Rho GTPase activating protein 11A	1,3
12807027	781915	LOC781915	similar to mCG117348	1,3
12836031	282356	SLC2A1	solute carrier family 2 (facilitated glucose transporter), member 1	1,3
12880562	534125	MAPK9	mitogen-activated protein kinase 9	1,3
12892141	784567	RHOBTB2	Rho-related BTB domain containing 2	1,3
12690910	537027	BUB1B	budding uninhibited by benzimidazoles 1 homolog beta (yeast)	1,2
12841028	541250	PSRC1	proline/serine-rich coiled-coil 1	1,2
12741290	617138	MGC151839	similar to calpain	1,2
12765308	614679	HEXIM2	hexamethylene bis-acetamide inducible 2	1,2
12698109	100299044	LOC100299044	similar to pleckstrin homology domain-containing, family A (phosphoinositide binding specific) member 2	1,2
12899456	281496	SOD2	superoxide dismutase 2, mitochondrial	1,2
12704229	504261	CAD	carbamoyl-phosphate synthetase 2, aspartate transcarbamylase, and dihydroorotase	1,2
12708314	618618	CREG2	cellular repressor of E1A-stimulated genes 2	1,2
12905651	614207	LOC614207	similar to Eukaryotic translation initiation factor 5B (eIF-5B) (Translation initiation factor IF-2)	1,2
12702750	616640	TTC7A	tetratricopeptide repeat domain 7A	1,2
12782928	534142	SNHG3-RCC1	SNHG3-RCC1 readthrough transcript	1,2
12708296	618444	LOC618444	hypothetical LOC618444	1,2
12907179	281658	S100G	S100 calcium binding protein G	1,2
12869246	785078	LOC785078	similar to tafazzin	1,2
12717822	100296768	LOC100296768	similar to histone cluster 1, H2bd	1,2
12823973	513986	MTMR7	myotubularin related protein 7	1,2
12897842	532916	LOC532916	similar to CG14803 CG14803-PA	1,2
12681636	536517	TIAM1	T-cell lymphoma invasion and metastasis 1	1,2
12875165	535060	SEL1L3	sel-1 suppressor of lin-12-like 3 (C. elegans)	1,2
12732324	520044	LOC520044	similar to histone cluster 1, H2bd	1,2
12680815	521010	LOC521010	similar to FK506-binding protein 2	1,2
12708050	615907	FAM102A	early estrogen-induced gene 1 protein	1,2
12714343	506962	UBE2C	ubiquitin-conjugating enzyme E2C	1,2
12684570	514192	YEATS2	YEATS domain containing 2	1,2
12890007	510535	FSD1L	fibronectin type III and SPRY domain containing 1-like	1,2
12832191	786629	E2F8	E2F transcription factor 8	1,2
12897242	516032	SMAP1	small ArfGAP 1	1,2
12682639	780785	C3orf57	small subunit of serine palmitoyltransferase B	1,2
12858199	506574	LRIG3	leucine-rich repeats and immunoglobulin-like domains 3	1,2
12898573	539988	BVES	blood vessel epicardial substance	1,2
12794603	504538	PRSS42	protease, serine, 42	1,2
12704220	493639	PTGES2	prostaglandin E synthase 2	1,2
12861173	534995	SYNGR1	synaptogyrin 1	1,2
12732706	533323	PDE3B	phosphodiesterase 3B, cGMP-inhibited	1,2
12774529	281758	FABP3	fatty acid binding protein 3, muscle and heart (mammary-derived growth inhibitor)	1,2
12714763	512397	LOC512397	similar to Uncharacterized protein KIAA0552	1,2
12901668	791053	MIR30A	microRNA mir-30a	1,2
12865041	508535	FKBP4	FK506 binding protein 4, 59kDa	1,2
12884048	507199	FAM125A	family with sequence similarity 125, member A	1,2
12679724	510809	MIS18A	Protein Mis18-alpha	1,2
12906465	100296541	LOC100296541	similar to histone cluster 1, H2bd	1,2
12819603	513594	CEP55	centrosomal protein 55kDa	1,2
12867367	535381	PLA2G6	phospholipase A2, group VI (cytosolic, calcium-independent)	1,2
12712068	521939	CCNA1	cyclin A1	1,2
12696623	539248	C10H14ORF1	chromosome 14 open reading frame 1 ortholog	1,2

12798781	509977	ARL6IP5	ADP-ribosylation-like factor 6 interacting protein 5	1,2
12838179	513523	ORC1L	origin recognition complex, subunit 1-like (yeast)	1,2
12849084	282603	PRSS2	protease, serine, 2 (trypsin 2)	1,2
12712187	525823	SLC10A2	solute carrier family 10 (sodium/bile acid cotransporter family), member 2	1,2
12694950	515823	LOC515823	similar to Keratin 8	1,2
12744739	768238	LOC768238	hypothetical protein LOC768238	1,2
12745816	506096	HSPA4L	heat shock 70kDa protein 4-like	1,2
12836232	407179	LRP8	low density lipoprotein receptor-related protein 8, apolipoprotein e receptor	1,2
12791566	100313396	MIR1282	microRNA mir-1282	1,2
12742161	504481	SC4MOL	sterol-C4-methyl oxidase-like	1,2
12726994	504551	LOC504551	similar to Olfactory receptor 51G1	1,2
12825196	520201	TRIML2	tripartite motif family-like 2	1,2
12767910	503581	HNF1B	HNF1 homeobox B	1,2
12689085	512541	ACOT4	acyl-CoA thioesterase 4	1,2
12700024	514777	BUB1	budding uninhibited by benzimidazoles 1 homolog (yeast)	1,2
12725874	539427	E2F5	E2F transcription factor 5, p130-binding	1,2
12867030	533284	RAB3IP	RAB3A interacting protein (rabin3)	1,2
12811770	505200	CCNF	cyclin F	1,2
12728869	532436	LOC532436	similar to olfactory receptor 649	1,2
12785196	407767	HMGCS1	3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1 (soluble)	1,2
12818983	282135	ADRA2A	adrenergic, alpha-2A-, receptor	1,2
12748024	614972	NIPSNAP1	nipsnap homolog 1 (C. elegans)	1,2
12895040	539634	LZTS1	leucine zipper, putative tumor suppressor 1	1,2
12694333	509509	LOC509509	similar to LOC784904 protein	1,2
12858387	506970	MCM5	minichromosome maintenance complex component 5	1,2
12801220	286854	SERPINF6	serpin peptidase inhibitor, clade B (ovalbumin), member 6	1,2
12832674	281964	PAG1	phosphoprotein associated with glycosphingolipid microdomains 1	1,2
12761790	505709	LOC505709	similar to erbB-2	1,2
12704518	506958	PQLC3	PQ loop repeat containing 3	1,2
12759303	616578	LOC616578	similar to mCG125076	1,2
12841676	782781	LOC782781	hypothetical LOC782781	1,2
12819256	506724	PDCD4	programmed cell death 4 (neoplastic transformation inhibitor)	1,2
12871252	521106	UTP3	UTP3, small subunit (SSU) processome component, homolog (S. cerevisiae)	1,2
12704737	508167	RRM2	ribonucleotide reductase M2 polypeptide	1,2
12731952	512928	CHRM4	cholinergic receptor, muscarinic 4	1,2
12720317	533264	SULF2	sulfatase 2	1,2
12684009	507707	TOMM70A	translocase of outer mitochondrial membrane 70 homolog A (S. cerevisiae)	1,2
12826646	534075	EGLN1	egl nine homolog 1 (C. elegans)	1,2
12696012	533088	GPX2	glutathione peroxidase 2	1,2
12714015	504437	AURKA	aurora kinase A	1,2
12837852	511675	RSP01	R-spondin homolog (Xenopus laevis)	1,2
12765359	615081	MGC128049	hypothetical protein LOC615081	1,2
12679896	511654	CHAF1B	chromatin assembly factor 1, subunit B (p60)	1,2
12809935	523223	PSTPIP2	proline-serine-threonine phosphatase interacting protein 2	1,2
12759762	783144	LOC783144	similar to RPL13 protein-like	1,2
12884534	509418	CSF1R	colony stimulating factor 1 receptor	1,2
12846948	539753	BTF3L4	basic transcription factor 3-like 4	1,2
12820342	532236	INA	internexin neuronal intermediate filament protein, alpha	1,2
12745867	506353	KNTC1	kinetochore associated 1	1,2

12721780	327705	ASAP1	ArfGAP with SH3 domain, ankyrin repeat and PH domain 1	1,2
12842410	100297758	LOC100297758	similar to histone cluster 2, H2aa3	1,2
12840980	541108	LOC541108	similar to histone cluster 2, H2aa4	1,2
12735623	514788	ACOT7	acyl-CoA thioesterase 7	1,2
12767708	353120	BRCA1	breast cancer 1, early onset	1,2
12756967	512420	LOC512420	hypothetical LOC512420	1,2
12907537	506924	FGF13	fibroblast growth factor 13	1,2
12723202	535306	TSNARE1	t-SNARE domain containing 1	1,2
12713021	767887	DIS3	DIS3 mitotic control homolog (S. cerevisiae)	1,2
12721978	505102	NFKBIL2	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor-like 2	1,2
12692627	787969	CASC5	cancer susceptibility candidate 5	1,2
12890691	524709	DNAI1	dynein, axonemal, intermediate chain 1	1,2
12689358	514749	RAD51	RAD51 homolog (RecA homolog, E. coli) (S. cerevisiae)	1,2
12717421	783871	PI3	peptidase inhibitor 3, skin-derived (SKALP)	1,2
12825884	280817	HK1	hexokinase 1	1,2
12787841	528871	GZMK	granzyme K (granzyme 3; tryptase II)	1,2
12789434	506182	TRAF3	TNF receptor-associated factor 3	1,2
12902954	282387	CD40LG	CD40 ligand	1,2
12865056	509009	SLC35E3	solute carrier family 35, member E3	1,2
12726830	282638	P2RY2	purinergic receptor P2Y, G-protein coupled, 2	1,2
12802386	521581	LOC521581	similar to histone cluster 1, H3f	1,2
12785681	517459	GABRP	gamma-aminobutyric acid (GABA) A receptor, pi	1,2
12707421	539172	LOC539172	similar to Olfactory receptor 1J4 (Olfactory receptor OR9-21) (HTPCRX01)	1,2
12834781	541233	RCOR2	REST corepressor 2	1,2
12838110	513231	GTF2B	general transcription factor IIB	1,2
12754444	782388	LOC782388	similar to copine II	1,2
12686550	540907	EPHB3	EPH receptor B3	1,2
12848262	787473	MGC139448	hypothetical protein LOC787473	1,2
12787023	286842	BASP1	brain abundant, membrane attached signal protein 1	1,2
12864151	282358	SLC2A3	solute carrier family 2 (facilitated glucose transporter), member 3	1,2
12811697	504902	BFAR	bifunctional apoptosis regulator	1,2
12746300	511673	MMAA	methylmalonic aciduria (cobalamin deficiency) cblA type	1,2
12842607	281156	FDPS	farnesyl diphosphate synthase (farnesyl pyrophosphate synthetase, dimethylallyltranstransferase, geranyltranstransferase)	1,2
12800908	100295221	LOC100295221	similar to histone cluster 1, H2bd	1,2
12756425	506887	ZBTB45	zinc finger and BTB domain containing 45	1,2
12821626	504445	DKK1	dickkopf homolog 1 (Xenopus laevis)	1,2
12762317	508847	GRB7	growth factor receptor-bound protein 7	1,2
12904842	533137	SLC9A6	solute carrier family 9 (sodium/hydrogen exchanger), member 6	1,2
12807066	783767	LOC783767	similar to histone cluster 1, H2aj	1,2
12688871	510673	PTTG1	pituitary tumor-transforming 1	1,2
12863589	100297709	LOC100297709	similar to patatin-like phospholipase domain containing 3	1,2
12898085	534352	MRPL18	mitochondrial ribosomal protein L18	1,2
12773833	100137875	LOC100137875	similar to MGC127538 protein	1,2
12717971	281102	CST3	cystatin C	1,2
12802644	529647	LOC529647	similar to Histone H4 replacement CG3379-PC	1,2
12804563	282007	PRP14	prolactin-related protein 14	1,2
12791683	281913	MFGE8	milk fat globule-EGF factor 8 protein	1,2
12732137	515398	PCSK7	proprotein convertase subtilisin/kexin type 7	1,2
12691481	540737	PAF	KIAA0101 protein	1,2

12870199	282484	SLC34A2	solute carrier family 34 (sodium phosphate), member 2	1,2
12819933	520925	ABCC2	ATP-binding cassette, sub-family C (CFTR/MRP), member 2	1,2
12773173	751575	SECTM1A	secreted and transmembrane protein 1A	1,2
12733232	540322	WEE1	WEE1 homolog (S. pombe)	1,2
12681159	528100	SERP1	stress-associated endoplasmic reticulum protein 1	1,2
12822057	513220	MKI67	antigen identified by monoclonal antibody Ki-67	1,2
12686083	538495	ILDR1	immunoglobulin-like domain containing receptor 1	1,2
12678679	281770	FOXL2	forkhead box L2	1,2
12861977	540546	KRT6C	keratin 6C	1,2
12839817	532671	MCOLN2	mucolipin 2	1,2
12891005	532751	PTPRD	protein tyrosine phosphatase, receptor type, D	1,2
12788284	541134	UBTD2	ubiquitin domain containing 2	1,2
12866428	519892	NUAK1	NUAK family, SNF1-like kinase, 1	1,2
12789156	338050	SERPINA5	serpin peptidase inhibitor, clade A (alpha-1 antitrypsin), member 5	1,2
12803695	618147	LOC618147	similar to histone, H2A	1,2
12712708	540990	LCP1	lymphocyte cytosolic protein 1 (L-plastin)	1,2
12736903	537131	SMG7	Smg-7 homolog, nonsense mediated mRNA decay factor (C. elegans)	1,2
12810056	527051	CIDEA	cell death-inducing DFFA-like effector a	1,2
12725168	513212	CA3	carbonic anhydrase III, muscle specific	1,2
12804452	281302	MCM3	minichromosome maintenance complex component 3	1,2
12726440	100300167	LOC100300167	similar to histone cluster 1, H2bc	1,2
12809424	510159	MAPRE2	microtubule-associated protein, RP/EB family, member 2	1,2
12694290	509161	DLGAP5	discs, large (Drosophila) homolog-associated protein 5	1,2
12740692	539441	SARG	chromosome 1 open reading frame 116 ortholog	1,2
12902795	280688	F9	coagulation factor IX	1,2
12686816	615335	TP63	tumor protein p63	1,2
12757637	519632	NQO1	NAD(P)H dehydrogenase, quinone 1	1,2
12844565	513214	SNX27	sorting nexin family member 27	1,2
12871525	531234	NCAPG	non-SMC condensin I complex, subunit G	1,2
12725792	538436	CCNE2	cyclin E2	1,2
12787048	327681	FST	follicle-stimulating hormone receptor	1,2
12825774	280817	HK1	hexokinase 1	1,2
12695183	518653	POLE2	polymerase (DNA directed), epsilon 2 (p59 subunit)	1,2
12850024	511899	INSIG1	insulin induced gene 1	1,2
12725522	526535	SQLE	squalene epoxidase	1,2
12847325	614376	LOC614376	similar to histone cluster 1, H2bd	1,2
12817145	522613	PKMYT1	protein kinase, membrane associated tyrosine/threonine 1	1,2
12880178	527854	KIF20A	kinesin family member 20A	1,2
12739839	520081	PLEKHN1	pleckstrin homology domain containing, family N member 1	1,2
12848067	784449	LOC784449	similar to KIAA1324	1,2
12748561	100138674	BOSTAUV1R432	vomerolateral 1 receptor bosTauV1R432	1,2
12802260	517950	GPR115	G protein-coupled receptor 115	1,2
12869943	281667	CCNA2	cyclin A2	1,2
12714863	512927	C13H20ORF118	chromosome 20 open reading frame 118 ortholog	1,2
12878562	510538	ASF1B	ASF1 anti-silencing function 1 homolog B (S. cerevisiae)	1,2
12709616	513047	ING1	inhibitor of growth family, member 1	1,2
12761510	504652	TK1	thymidine kinase 1, soluble	1,2
12685836	535323	POLQ	polymerase (DNA directed), theta	1,2
12826881	539055	TSPAN14	tetraspanin 14	1,2
12729888	614490	LOC614490	hypothetical LOC614490	1,2
12830605	513678	CHEK1	CHK1 checkpoint homolog (S. pombe)	1,2

12866116	515421	MYL6B	myosin, light chain 6B, alkali, smooth muscle and non-muscle	1,2
12772611	613919	GGT6	gamma-glutamyltransferase 6	1,2
12905380	539562	LOC539562	similar to CD63 antigen	1,2
12881358	540274	RNF14	ring finger protein 14	1,2
12817403	527934	CORO7	coronin 7	1,2
12840471	538498	ZZZ3	zinc finger, ZZ-type containing 3	1,2
12876554	100335582	LOC100335582	CG9147-like	1,2
12906558	100300589	LOC100300589	similar to nyctalopin	1,2
12708674	788926	HK2	hexokinase 2	1,2
12840595	539060	SERBP1	SERPINE1 mRNA binding protein 1	1,2
12751283	512610	TMC4	transmembrane channel-like 4	1,2
12831657	540138	TMEM109	transmembrane protein 109	1,2
12896461	100336955	LOC100336955	Monofunctional C1-tetrahydrofolate synthase, mitochondrial-like	1,2
12767844	414925	BIRC5	baculoviral IAP repeat-containing 5	1,2
12856256	100125833	RERGL	RERG/RAS-like	1,2
12714684	510512	ZNF438	zinc finger protein 438	1,2
12852768	100335204	LOC100335204	mCG141481-like	1,2
12704278	504429	MERTK	c-mer proto-oncogene tyrosine kinase	1,2
12835996	282030	RAB3B	RAB3B, member RAS oncogene family	1,2
12803497	614026	RANBP9	RAN binding protein 9	1,2
12857464	404150	METAP2	methionyl aminopeptidase 2	1,2
12864675	505791	TROAP	trophinin associated protein (tastin)	1,2
12910467	782177	LOC782177	similar to Vacuolar protein sorting 35 homolog (S. cerevisiae)	1,2
12823429	100336521	LOC100336521	minichromosome maintenance complex component 4-like	1,2
12883226	281946	NR3C1	nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor)	1,2
12693397	280894	PGF	placental growth factor	1,2
12797945	281439	DAG1	dystroglycan 1 (dystrophin-associated glycoprotein 1)	1,2
12891889	616369	CDKN2A	cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhibits CDK4)	1,2
12723730	782667	TP53INP1	tumor protein p53 inducible nuclear protein 1	1,2
12771026	522810	TEX14	testis expressed 14	1,2
12765398	615857	PRR11	proline rich 11	1,2
12857765	504449	NECAP1	NECAP endocytosis associated 1	1,2
12774409	281294	MAP2	microtubule-associated protein 2	1,2
12858517	507960	ARHGAP9	Rho GTPase activating protein 9	1,2
12805572	514090	BAK1	BCL2-antagonist/killer 1	1,2
12799926	535956	SCN11A	sodium channel, voltage-gated, type XI, alpha subunit	1,2
12720291	532761	OVOL2	ovo-like 2 (Drosophila)	1,2
12714109	505560	PYGB	phosphorylase, glycogen; brain	1,2
12805079	506900	LOC506900	histone H2A	1,2
12749058	100336101	LOC100336101	hypothetical protein LOC100336101	1,2
12906266	789808	LOC789808	similar to oxysterol binding protein-like 1A	1,2
12724566	507572	CHMP4C	chromatin modifying protein 4C	1,2
12862690	732539	SARNP	SAP domain containing ribonucleoprotein	1,2
12908835	523631	LOC523631	testis-specific histone 2a-like	1,2
12721596	281220	HAS2	hyaluronan synthase 2	1,2
12699169	505979	STON1-GTF2A1L	STON1-GTF2A1L readthrough	1,2
12816381	512060	SEPHS2	selenophosphate synthetase 2	1,2
12759052	613483	LOC613483	similar to MGC17624 protein	1,2
12891041	533044	PSAT1	phosphoserine aminotransferase 1	1,2
12745580	431786	PEBP1	phosphatidylethanolamine binding protein	1,2
12857916	505576	LOC505576	similar to olfactory receptor Olfr286	1,2
12705600	513870	HPCAL1	hippocalcin-like 1	1,2
12807964	517316	KLHL14	kelch-like 14 (Drosophila)	1,2

12876902	281227	HMMR	hyaluronan-mediated motility receptor (RHAMM)	1,2
12819342	508467	KIF11	kinesin family member 11	1,2
12777119	524255	FZD7	frizzled homolog 7 (Drosophila)	1,2
12836963	506306	LOC506306	similar to histone cluster 1, H2bd	1,2
12715074	514293	IDI1	isopentenyl-diphosphate delta isomerase 1	1,2
12686004	536815	ROBO1	roundabout, axon guidance receptor, homolog 1 (Drosophila)	1,2
12788410	617312	CEP72	centrosomal protein 72kDa	1,2
12869626	100313221	MIR2445	microRNA mir-2445	1,2
12870355	327677	CD38	CD38 molecule	1,2
12834866	614840	GAS2	growth arrest-specific 2	1,2
12713456	100336940	LOC100336940	serine palmitoyltransferase, long chain base subunit 2-like	1,2
12847154	541073	MAEL	maelstrom homolog (Drosophila)	1,2
12792366	512440	MGC152278	similar to Myeloid-associated differentiation marker	1,2
12801704	511316	LOC511316	similar to UPF0402 protein	1,2
12744061	539541	HIC2	hypermethylated in cancer 2	1,2
12723564	617724	C14H8orf46	chromosome 8 open reading frame 46 ortholog	1,2
12817625	530675	LOC530675	similar to cardiotrophin-2	1,2
12772434	540303	ENO3	enolase 3 (beta, muscle)	1,2
12744191	540479	NF2	neurofibromin 2 (merlin)	1,2
12835516	100296238	LOC100296238	similar to bone morphogenetic protein 8a	1,2
12829119	100139635	PPFIA1	protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (liprin), alpha 1	1,2
12768031	504585	SPAG5	sperm associated antigen 5	1,2
12900227	515080	FBXO5	F-box protein 5	1,2
12723435	614243	TMEM65	transmembrane protein 65	1,2
12745062	100140210	USP30	ubiquitin specific peptidase 30	1,2
12740194	533089	CENPF	centromere protein F, 350/400ka (mitosin)	1,2
12815755	506294	KIF22	kinesin family member 22	1,2
12709849	525628	DIAPH3	diaphanous homolog 3 (Drosophila)	1,2
12869555	100295476	LOC100295476	similar to epiregulin preproprotein	1,2
12910827	791047	MIR450	microRNA mir-450	1,2
12854454	519566	RAPGEF5	Rap guanine nucleotide exchange factor (GEF) 5	1,2
12779492	617851	PADI2	peptidyl arginine deiminase, type II	1,2
12711421	507069	LOC507069	similar to Brca2	1,2
12806691	614579	MRPL14	mitochondrial ribosomal protein L14	1,2
12906051	782916	ERCC6L	excision repair cross-complementing rodent repair deficiency, complementation group 6-like	1,2
12829563	337904	PAG10	pregnancy-associated glycoprotein 10	1,2
12757957	523367	SHCBP1	SHC SH2-domain binding protein 1	1,2
12791245	617694	NDUFB4	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 4, 15kDa	1,2
12830323	510798	TNFRSF10A	tumor necrosis factor receptor superfamily, member 10a	1,2
12772805	615800	PYY	peptide YY	1,2
12723396	613472	GDAP1	ganglioside-induced differentiation-associated protein 1	1,2
12786769	100313051	MIR449C	microRNA mir-449c	1,2
12808788	617265	TNIP2	TNFAIP3 interacting protein 2	1,2
12862452	616471	TTC38	tetratricopeptide repeat domain 38	1,2
12684671	514615	COLQ	collagen-like tail subunit (single strand of homotrimer) of asymmetric acetylcholinesterase	1,2
12878199	508555	CALR3	calreticulin 3	1,2
12800524	617466	MRPS24	mitochondrial ribosomal protein S24	1,2
12761228	286766	MFAP4	microfibrillar-associated protein 4	1,2
12892713	281767	FDFT1	farnesyl-diphosphate farnesyltransferase 1	1,2
12739683	515939	DENND1B	DENN/MADD domain containing 1B	1,2
12740081	531074	KIF14	kinesin family member 14	1,2

12834605	536947	LOC536947	similar to pregnancy-associated glycoprotein 1	1,2
12775884	509072	ALS2CR8	amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 8	1,2
12886767	534253	C7H19orf50	chromosome 19 open reading frame 50 ortholog	1,2
12904642	527180	GABRQ	gamma-aminobutyric acid (GABA) receptor, theta	1,2
12686683	614392	ATP11B	ATPase, class VI, type 11B	1,2
12898817	613867	LOC613867	similar to trace-amine-associated receptor 7a	1,2
12888111	777593	LOC777593	hypothetical protein LOC777593	1,2
12711480	507276	DHRS12	dehydrogenase/reductase (SDR family) member 12	1,2
12892073	782470	LOC782470	similar to tropomyosin 4	1,2
12720643	538584	ARHGAP21	Rho GTPase activating protein 21	1,2
12782631	530961	BARD1	BRCA1 associated RING domain 1	1,2
12762782	511378	TMEM97	transmembrane protein 97	1,2
12735929	519758	ATP1B1	ATPase, Na ⁺ /K ⁺ transporting, beta 1 polypeptide	1,2
12747381	533590	PTPN11	protein tyrosine phosphatase, non-receptor type 11	1,2
12813792	539924	MCM7	minichromosome maintenance complex component 7	1,2
12711817	515249	CKAP2	cytoskeleton associated protein 2	1,2
12766580	100139041	LOC100139041	similar to myosin ID	1,2
12892333	100139500	LOC100139500	similar to doublecortin domain containing 2	1,2
12791959	506540	TCL1A	T-cell leukemia/lymphoma 1A	1,2
12735389	510860	LOC510860	C4b-binding protein alpha-like	1,2
12733852	783548	TNKS1BP1	tankyrase 1 binding protein 1, 182kDa	1,2
12883164	281698	CLTB	clathrin, light chain (Lcb)	1,2
12736935	538320	PAPPA2	pappalysin 2	1,2
12732213	516840	SLC43A3	solute carrier family 43, member 3	1,2
12692009	616028	NUSAP1	nucleolar and spindle associated protein 1	1,2
12872458	615820	PPA2	pyrophosphatase (inorganic) 2	1,2
12806766	616611	LOC616611	similar to histone cluster 1, H2ag	1,2
12832640	281474	SAA3	serum amyloid A 3	1,2
12904741	529335	MAP3K15	mitogen-activated protein kinase kinase kinase 15	1,2
12897737	529405	ENPP3	ectonucleotide pyrophosphatase/phosphodiesterase 3	1,2
12772009	536989	PLXDC1	plexin domain containing 1	1,2
12854612	521867	MACC1	metastasis associated in colon cancer 1	1,2
12786039	533085	LOC533085	similar to RAN binding protein 17	1,2
12909607	537127	KIF4A	kinesin family member 4A	1,2
12845211	521549	ZNF642	zinc finger protein 642	1,2
12798786	510120	MCM2	similar to KIAA0030	1,2
12820806	540933	HELLS	helicase, lymphoid-specific	1,2
12831768	613739	LOC613739	similar to pregnancy-associated glycoprotein 10	1,2
12786564	614276	MED10	mediator complex subunit 10	1,2
12807256	790470	PRP2	prolactin-related protein 2	1,2
12868523	615953	CENPM	centromere protein M	1,2
12806854	617854	LOC617854	similar to Histone H1.4 (Histone H1b)	1,2
12755361	100299171	LOC100299171	similar to DNA replication complex GINS protein PSF2	1,2
12874907	533114	CDKL2	cyclin-dependent kinase-like 2 (CDC2-related kinase)	1,2
12740236	533229	ETNK2	ethanolamine kinase 2	1,2
12807159	787649	LOC787649	similar to Hist1h4c protein	1,2
12728447	523809	UBASH3B	similar to Ubiquitin associated and SH3 domain-containing protein B (Suppressor of T-cell receptor signaling 1) (STS-1) (Cbl-interacting protein p70)	1,2
12691957	615539	SNAPC1	small nuclear RNA activating complex, polypeptide 1, 43kDa	1,2
12881541	613794	ABLIM3	actin binding LIM protein family, member 3	1,2
12754138	618233	LOC618233	similar to Phosphatidylethanolamine-binding protein 1 (PEBP-1) (HCNPPp) (Basic cytosolic 21 kDa protein)	1,2
12761645	504961	MPDU1	mannose-P-dolichol utilization defect 1	1,2
12733522	615435	APLNR	apelin receptor	1,2
12850876	530241	SLC26A4	solute carrier family 26, member 4	1,2
12834840	613817	VPS37C	vacuolar protein sorting 37 homolog C (S. cerevisiae)	1,2

12688271	407159	HMGCR	3-hydroxy-3-methylglutaryl-coenzyme A reductase	1,2
12773803	100126042	ALDH4A1	aldehyde dehydrogenase 4 family, member A1	1,2
12870577	506880	LOC506880	similar to non-POU domain containing, octamer-binding	1,2
12687408	786701	MUC4	mucin 4, cell surface associated	1,2
12859343	513643	FOXM1	forkhead box M1	1,2
12732807	534041	MICAL2	microtubule associated monooxygenase, calponin and LIM domain containing 2	1,2
12693465	281668	CCNB2	cyclin B2	1,2
12827823	286838	NDST2	N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 2	1,2
12847661	617456	HJURP	Holliday junction recognition protein	1,2
12746842	518200	ZNF280A	zinc finger protein 280A	1,2
12744811	785457	POLE	polymerase (DNA directed), epsilon	1,2
12719289	514295	COMMD7	COMM domain containing 7	1,2
12864825	506740	ESPL1	extra spindle pole bodies homolog 1 (S. cerevisiae)	1,2
12879322	517952	HAND1	heart and neural crest derivatives expressed 1	1,2
12806578	540965	RPS10	ribosomal protein S10	1,2
12821658	504968	ABLIM1	actin binding LIM protein 1	1,2
12738665	286877	PRKCZ	protein kinase C, zeta	1,2
12890559	520088	MELK	maternal embryonic leucine zipper kinase	1,2
12806992	777644	GSTA1	glutathione S-transferase A1	1,2
12858341	506864	GTSF1	gametocyte specific factor 1	1,2
12887668	614105	TECR	trans-2,3-enoyl-CoA reductase	1,2
12805860	521685	GSTA5	glutathione S-transferase alpha 5	1,2
12800949	100297290	LOC100297290	hypothetical protein LOC100297290	1,2
12853343	415112	AGR2	anterior gradient homolog 2 (Xenopus laevis)	1,2
12708304	618517	GBGT1	globoside alpha-1,3-N-acetylgalactosaminyltransferase 1	1,2
12733332	541209	AMOTL1	angiomin like 1	1,2
12789797	511439	SLC28A1	solute carrier family 28 (sodium-coupled nucleoside transporter), member 1	1,2
12766730	100297242	LOC100297242	hypothetical protein LOC100297242	1,2
12892238	788176	MAMDC2	MAM domain containing 2	1,2
12811233	100336688	LOC100336688	hypothetical protein LOC100336688	1,2
12858405	507102	SREBF2	sterol regulatory element binding transcription factor 2	1,2
12899752	505856	LOC505856	similar to transgelin 2	1,2
12848971	281991	POLD2	polymerase (DNA directed), delta 2, regulatory subunit 50kDa	1,2
12817792	534628	NMRAL1	NmrA-like family domain containing 1	1,2
12699180	506264	CRIM1	cysteine rich transmembrane BMP regulator 1 (chordin-like)	1,2
12906742	100336965	LOC100336965	odz, odd Oz/ten-m homolog 1-like	1,2
12896442	100336835	LOC100336835	retinoic acid early transcript 1E-like	1,2
12832832	337908	PAG14	pregnancy-associated glycoprotein 14	1,2
12906190	786258	LOC786258	similar to GTP-binding nuclear protein Ran (GTPase Ran) (Ras-like protein TC4) (Androgen receptor-associated protein 24)	1,2
12822387	519172	BLOC1S2	biogenesis of lysosomal organelles complex-1, subunit 2	1,2
12780097	100337491	LOC100337491	LY6/PLAUR domain containing 6-like	1,2
12820292	531271	LOC531271	similar to Pancreatic lipase-related protein 3 precursor (PL-RP3)	1,2
12717566	786702	LOC786702	similar to mCG13184	1,2
12732120	515366	PGM2L1	phosphoglucomutase 2-like 1	1,2
12781753	517257	SP9	Sp9 transcription factor homolog (mouse)	1,2
12805112	507353	C23H6orf129	transmembrane and coiled-coil domain-containing protein C6orf129 homolog	1,2
12888541	789022	LOC789022	similar to olfactory receptor	1,2

12749577	282887	MMP15	matrix metalloproteinase 15 (membrane-inserted)	1,2
12852498	786461	DLX6	distal-less homeobox 6	1,2
12757071	513086	CCDC102A	coiled-coil domain containing 102A	1,2
12750696	509810	LOC509810	zinc finger protein LOC509810	1,2
12742809	516190	GSTT3	glutathione S-transferase, theta 3	1,2
12803875	782971	LOC782971	similar to histone cluster 1, H2bd	1,2
12695516	526104	LOC526104	similar to Homeobox protein SIX4 (Sine oculis homeobox homolog 4)	1,2
12778603	540176	ATP5G3	ATP synthase, H ⁺ transporting, mitochondrial F0 complex, subunit C3 (subunit 9)	1,2
12771875	535629	SRCIN1	SRC kinase signaling inhibitor 1	1,2
12808472	538789	NDC80	NDC80 homolog, kinetochore complex component (S. cerevisiae)	1,2
12852336	781426	NOD1	nucleotide-binding oligomerization domain containing 1	1,2
12760661	281069	CHAD	chondroadherin	1,2
12788447	767620	TNPO1	transportin 1	1,2
12716225	533734	R3HDML	R3H domain containing-like	1,2
12746604	514405	PLK4	polo-like kinase 4 (Drosophila)	1,2
12846146	533161	KIF2C	kinesin family member 2C	1,2
12894921	538949	ESCO2	establishment of cohesion 1 homolog 2 (S. cerevisiae)	1,2
12795937	521541	NUP210	nucleoporin 210kDa	1,2
12806528	540231	LOC540231	hypothetical LOC540231	1,2
12788298	613751	GPBP1	GC-rich promoter binding protein 1	1,2
12736300	523618	IER5	immediate early response 5	1,2
12737596	618428	CACYBP	calcyclin binding protein	1,2
12718534	506031	ZMYND8	zinc finger, MYND-type containing 8	1,2
12879523	521413	GRK6	G protein-coupled receptor kinase 6	1,2
12747614	536676	NAA15	N(alpha)-acetyltransferase 15, NatA auxiliary subunit	1,2
12871482	529752	QRFR	pyroglutamylated RFamide peptide receptor	1,2
12693035	100296641	LOC100296641	hypothetical protein LOC100296641	1,2
12744882	786852	CIT	citron (rho-interacting, serine/threonine kinase 21)	1,2
12872183	540223	COPS4	COP9 constitutive photomorphogenic homolog subunit 4 (Arabidopsis)	1,2
12868377	615149	BLOC1S1	biogenesis of lysosomal organelles complex-1, subunit 1	1,2
12757871	521864	VPS35	vacuolar protein sorting 35 homolog (S. cerevisiae)	1,2
12728656	528261	PLEKHA7	pleckstrin homology domain containing, family A member 7	1,2
12773142	618621	LOC618621	similar to Secreted and transmembrane protein 1A	1,2
12693115	100298391	LOC100298391	hypothetical protein LOC100298391	1,2
12841067	613530	LOC613530	similar to Uncharacterized protein C1orf194	1,2
12798637	507708	OSBPL10	oxysterol binding protein-like 10	1,2
12890860	528386	MURC	muscle-related coiled-coil protein	1,2
12844886	515376	CDC20	cell division cycle 20 homolog (S. cerevisiae)	1,2
12833917	517463	MGC157408	pregnancy-associated glycoprotein	1,2
12726957	408009	ApoC3	apolipoprotein C-III	1,2
12868991	781420	LOC781420	similar to ZW10 interactor	1,2
12810607	614200	CNDP1	carnosine dipeptidase 1 (metalloproteinase M20 family)	1,2
12877967	506589	CIST1	intestine-specific transcript 1 protein	1,2
12747792	538617	TRIM2	tripartite motif-containing 2	1,2
12766828	100313416	MIR2345	microRNA mir-2345	1,2
12743274	527744	LOC527744	similar to G protein-coupled receptor 109B	1,2
12740427	534849	ASPM	asp (abnormal spindle) homolog, microcephaly associated (Drosophila)	1,2
12751437	513551	CENPN	centromere protein N	1,2
12690792	535365	GNB5	guanine nucleotide binding protein (G protein), beta 5	1,2
12732525	527048	EXPH5	exophilin 5	1,2
12705866	515718	LOC515718	vav 2 protein	1,2

12708143	616888	MYCN	v-myc myelocytomatosis viral related oncogene, neuroblastoma derived (avian)	1,2
12869248	785655	ERBB3	v-erb-b2 erythroblastic leukemia viral oncogene homolog 3 (avian)	1,2
12878448	509748	LPAR2	lysophosphatidic acid receptor 2	1,2
12843452	506482	RAB25	RAB25, member RAS oncogene family	1,2
12852275	768208	AOAH	acyloxyacyl hydrolase (neutrophil)	1,2
12693066	100297185	LOC100297185	hypothetical protein LOC100297185	1,2
12844666	513666	HIST2H2AC	histone cluster 2, H2ac	1,2
12909473	535872	SLC16A2	solute carrier family 16, member 2 (monocarboxylic acid transporter 8)	1,2
12819218	505642	GSTO1	glutathione S-transferase omega 1	1,2
12685777	534581	IL20RB	interleukin 20 receptor beta	1,2
12884439	508809	DHFR	dihydrofolate reductase	1,2
12796646	538654	TMEM110	transmembrane protein 110	1,2
12804269	100313176	MIR2377	microRNA mir-2377	1,2
12842857	287023	YBX1	Y box binding protein 1	1,2
12773711	789296	ARHGAP27	Rho GTPase activating protein 27	1,2
12910027	613636	NAA10	N(alpha)-acetyltransferase 10, NatA catalytic subunit	1,2
12691926	615282	CDKN3	cyclin-dependent kinase inhibitor 3	1,2
12783369	537280	SLC19A3	solute carrier family 19, member 3	1,2
12827012	613811	CXCL12	chemokine (C-X-C motif) ligand 12 (stromal cell-derived factor 1)	1,2
12755282	100297240	LOC100297240	similar to calmodulin 2	1,2
12837709	511254	NRD1	nardilysin (N-arginine dibasic convertase)	1,2
12697707	785621	LOC785621	hypothetical protein LOC785621	1,2
12880753	536619	PAIP2	poly(A) binding protein interacting protein 2	1,2
12844744	514465	SMAP2	small ArfGAP2	1,2
12818296	616782	LOC616782	similar to conserved hypothetical protein	1,2
12754560	784324	LOC784324	similar to UPF0459 protein C19orf50	1,2
12784533	777775	TUBA4A	tubulin, alpha 4a	1,2
12905466	540373	PORCN	porcupine homolog (Drosophila)	1,2
12875625	614774	C6H4orf34	chromosome 4 open reading frame 34 ortholog	1,2
12906068	783362	LOC783362	similar to rCG61730	1,2
12735710	516303	ERRFI1	ERBB receptor feedback inhibitor 1	1,2
12801091	281879	ITPR3	inositol 1,4,5-triphosphate receptor, type 3	1,2
12777221	526135	RBMS1	RNA binding motif, single stranded interacting protein 1	1,2
12888119	780787	SRA1	steroid receptor RNA activator 1	1,2
12843787	508022	CDCA8	cell division cycle associated 8	1,2
12892046	781381	LOC781381	similar to nascent-polypeptide-associated complex alpha polypeptide	1,2
12792596	516210	CKB	creatine kinase, brain	1,2
12773515	787696	TOP2A	topoisomerase (DNA) II alpha 170kDa	1,2
12718149	286802	VSX1	visual system homeobox 1	1,2
12769558	511170	KIF18B	kinesin family member 18B	1,2
12698143	100299353	LOC100299353	hypothetical protein LOC100299353	1,2
12784210	614893	CDCA7	cell division cycle associated 7	1,2
12686938	615906	LSS	lanosterol synthase (2,3-oxidosqualene-lanosterol cyclase)	1,2
12744947	787139	HRK	harakiri, BCL2 interacting protein (contains only BH3 domain)	1,2
12851605	539417	C1GALT1	core 1 synthase, glycoprotein-N-acetylgalactosamine 3-beta-galactosyltransferase, 1	1,2
12823578	282716	VDAC1P5	voltage-dependent anion channel 1 pseudogene 5	1,2
12814850	100139157	LOC100139157	similar to hCG1657150	1,2
12827120	616014	LOC616014	similar to mixed lineage kinase 4	1,2
12758274	528818	FUZ	fuzzy homolog (Drosophila)	1,2

12802065	514368	ATP6V1G2	ATPase, H ⁺ transporting, lysosomal 13kDa, V1 subunit G2	1,2
12803483	613986	C23H6orf145	PX domain-containing protein C6orf145 homolog	1,2
12708816	100300624	LOC100300624	similar to actin related protein 2/3 complex subunit 1B	1,2
12869006	781834	ATF7IP	activating transcription factor 7 interacting protein	1,2
12680435	514701	LOC514701	similar to Protein FAM3B precursor (Cytokine-like protein 2-21)	1,2
12904652	527384	LOC527384	similar to Melanoma-associated antigen 9 (MAGE-9 antigen) (Cancer/testis antigen 1.9) (CT1.9)	1,2
12701198	531619	TTC16	tetratricopeptide repeat domain 16	1,2
12700529	520936	PROM2	prominin 2	1,2
12906911	100337225	LOC100337225	melanoma antigen family B, 4-like	1,2
12863021	784294	LOC784294	similar to voltage-dependent anion channel 2	1,2
12730616	100336629	LOC100336629	Yes-associated protein 1, 65kDa-like	1,2
12698464	281437	QPCT	glutaminy-peptide cyclotransferase	1,2
12692159	617543	REEP5	receptor accessory protein 5	1,2
12883740	504608	SLC25A42	solute carrier family 25, member 42	1,2
12906094	784061	LOC784061	similar to 60S ribosomal protein L21	1,2
12682723	782966	TUBA3D	similar to mCG18413	1,2
12763628	521795	SLFN11	schlafen family member 11	1,2
12772286	539545	LLGL2	lethal giant larvae homolog 2 (Drosophila)	1,2
12702384	541080	FUBP3	far upstream element (FUSE) binding protein 3	1,2
12760365	100196902	LOC100196902	hypothetical LOC100196902	1,2
12827550	100337251	LOC100337251	ankyrin 3-like	1,2
12809392	508151	DSG2	desmoglein 2	1,2
12877278	327693	HINT1	histidine triad nucleotide binding protein 1	1,2
12841009	541171	MGC143035	hypothetical LOC541171	1,2
12758079	526369	LENG9	leukocyte receptor cluster (LRC) member 9	1,2
12808630	615069	LOC615069	hypothetical protein LOC615069	1,2
12903203	497018	CXCR3	chemokine (C-X-C motif) receptor 3	1,2
12817648	531420	GP2	glycoprotein 2 (zymogen granule membrane)	1,2
12760801	281413	PNMT	phenylethanolamine N-methyltransferase	1,2
12829383	281204	GNG3	guanine nucleotide binding protein (G protein), gamma 3	1,2
12794079	100125264	NUP210	nucleoporin 210	1,2
12905566	613334	FMR1NB	fragile X mental retardation 1 neighbor	1,2
12733067	538914	APOA5	apolipoprotein A-V	1,2
12818863	100337286	LOC100337286	acyl-CoA desaturase-like	1,2
12878767	511891	LOC511891	similar to Serine/threonine-protein kinase PLK5 (Polo-like kinase 5) (PLK-5)	1,2
12806738	615278	RPP21	ribonuclease P/MRP 21kDa subunit	1,2
12736304	523998	NEK2	NIMA (never in mitosis gene a)-related kinase 2	1,2
12838051	513039	LOC513039	similar to ribosomal protein S16	1,2
12705367	511566	EFEMP1	EGF-containing fibulin-like extracellular matrix protein 1	1,2
12752020	519042	NCCRP1	non-specific cytotoxic cell receptor protein 1 homolog (zebrafish)	1,2
12899402	100337311	LOC100337311	chromosome 6 open reading frame 173-like	1,2
12861319	536187	CAPRIN2	caprin family member 2	1,2
12698486	281625	ANXA4	annexin A4	1,2
12689370	514822	GSTZ1	glutathione transferase zeta 1	1,2
12868101	540662	WNT1	wingless-type MMTV integration site family, member 1	1,2
12848026	783467	LOC783467	similar to NADH:ubiquinone oxidoreductase b17.2 subunit	1,2
12786454	540874	DEPDC1B	DEP domain containing 1B	1,2
12846903	539387	MPZL1	myelin protein zero-like 1	1,2
12776190	511061	SLC30A2	solute carrier family 30 (zinc transporter), member 2	1,2
12901673	100299182	LOC100299182	similar to ABC transporter, class F family member (abcf-1)	1,2
12692209	618806	LOC618806	similar to melanoma antigen family A, 10	1,2

12746309	511676	PES1	pescadillo homolog 1, containing BRCT domain (zebrafish)	1,2
12883673	504310	AP1M1	adaptor-related protein complex 1, mu 1 subunit	1,2
12725336	516073	C14H8ORF55	chromosome 8 open reading frame 55 ortholog	1,2
12885601	518124	LOC518124	similar to Os01g0835900	1,2
12823178	616266	SPRN	shadow of prion protein homolog (zebrafish)	1,2
12867545	537070	PMM1	phosphomannomutase 1	1,2
12854336	518832	SVOPL	SVOP-like	1,2
12703300	787677	WDR38	WD repeat domain 38	1,2
12692314	782535	DMXL2	Dmx-like 2	1,2
12798047	282366	SLC6A6	solute carrier family 6 (neurotransmitter transporter, taurine), member 6	1,2
12738141	100335511	LOC100335511	complement factor H-like	1,2
12898500	538797	EPHA7	EPH receptor A7	1,2
12881915	617624	SLC44A2	solute carrier family 44, member 2	1,2
12860293	523221	KRT78	keratin 78	1,2
12685985	536793	FXR1	fragile X mental retardation, autosomal homolog 1	1,2
12740403	534664	C16H1ORF55	chromosome 1 open reading frame 55 ortholog	1,2
12691736	613519	LOC613519	similar to ribosomal protein L3	1,2
12817249	524646	C1QTNF8	C1q and tumor necrosis factor related protein 8	1,2
12873401	407128	BMPR1B	bone morphogenetic protein receptor, type IB	1,2
12867352	535353	LOC535353	similar to Pleckstrin homology domain-containing family G member 6	1,2
12894994	539200	RNF183	ring finger protein 183	1,2
12688933	511054	ZFYVE19	zinc finger, FYVE domain containing 19	1,2
12701262	532850	EIF5B	eukaryotic translation initiation factor 5B	1,2
12726873	317704	SLCO2B1	solute carrier organic anion transporter family, member 2B1	1,2
12872984	100313346	MIR2451	microRNA mir-2451	1,2
12906948	280675	AR	androgen receptor	1,2
12726088	617196	SLC26A7	solute carrier family 26, member 7	1,2
12786673	781741	BAG1	BCL2-associated athanogene	1,2
12718493	505847	CDC25B	cell division cycle 25 homolog B (S. pombe)	1,2
12860698	530239	FGF23	fibroblast growth factor 23	1,2
12858092	506308	PDXP	pyridoxal (pyridoxine, vitamin B6) phosphatase	1,2
12860174	521525	LOC521525	similar to histone cluster 1, H2bl	1,2
12903123	399683	PLP2	proteolipid protein 2 (colonic epithelium-enriched)	1,2
12820973	616593	CYP2C87	cytochrome P450, family 2, subfamily C, polypeptide 87	1,2
12796434	534800	LOC534800	hypothetical LOC534800	1,2
12825838	281061	CDK1	cyclin-dependent kinase 1	1,2
12772333	539692	SPATA22	spermatogenesis associated 22	1,2
12781292	511248	NUP35	nucleoporin 35kDa	1,2
12843681	507346	MGST3	microsomal glutathione S-transferase 3	1,2
12832140	784502	LOC784502	similar to hCG2032690	1,2
12827996	511203	ANK3	ankyrin 3, node of Ranvier (ankyrin G)	1,2
12901737	100299244	LOC100299244	hypothetical LOC100299244	1,2
12830971	518931	LGALS12	lectin, galactoside-binding, soluble, 12	1,2
12786958	281872	ITGA2	integrin, alpha 2 (CD49B, alpha 2 subunit of VLA-2 receptor)	1,2
12693305	100336681	LOC100336681	SECIS-binding protein 2-like	1,2
12842122	100125592	RUSC1	RUN and SH3 domain containing 1	1,2
12708627	786621	LOC786621	similar to Endopin 1b	1,2
12873141	280737	BTC	betacellulin	1,2
12905830	616694	NSDHL	NAD(P) dependent steroid dehydrogenase-like	1,2
12784978	100335532	LOC100335532	non-histone chromosomal protein HMG-14-like	1,2
12868425	615392	TIGAR	chromosome 12 open reading frame 5 ortholog	1,2
12733466	614712	THY1	Thy-1 cell surface antigen	1,2
12683380	281963	P2RY1	purinergic receptor P2Y, G-protein coupled, 1	1,2
12880470	533548	ZNF346	zinc finger protein 346	1,2

12873035	100336989	LOC100336989	hypothetical protein LOC100336989	1,2
12679782	511081	COMMD2	COMM domain containing 2	1,2
12720844	614378	LOC614378	similar to histone cluster 1, H2bc	1,2
12801691	510995	KIFC1	kinesin family member C1	1,2
12871398	527214	PLA2G12A	phospholipase A2, group XIIA	1,2
12843141	504502	CPT2	carnitine palmitoyltransferase 2	1,2
12692772	790210	PPIL5	peptidylprolyl isomerase (cyclophilin)-like 5	1,2
12724716	509626	NSMAF	neutral sphingomyelinase (N-SMase) activation associated factor	1,2
12692466	784816	LOC784816	hypothetical LOC784816	1,2
12872772	100138886	GCSH	glycine cleavage system protein H (aminomethyl carrier)	1,2
12802355	520625	SLC44A4	solute carrier family 44, member 4	1,2
12853594	506984	LOC506984	similar to LCHN protein	1,2
12764053	528429	HOXB1	homeobox B1	1,2
12897137	512044	ACAT2	acetyl-Coenzyme A acetyltransferase 2	1,2
12826162	510574	VPS26A	vacuolar protein sorting 26 homolog A (S. pombe)	1,2
12839281	527172	TTC39A	tetratricopeptide repeat domain 39A	1,2
12899452	281193	GJA1	gap junction protein, alpha 1, 43kDa	1,2
12741770	100313111	MIR1306	microRNA mir-1306	1,2
12879187	515618	STXBP2	syntaxin binding protein 2	1,2
12693572	282577	GJD2	gap junction protein, delta 2, 36kDa	1,2
12830642	513874	SPDYC	speedy homolog C (Xenopus laevis)	1,2
12839617	531343	MLPH	melanophilin	1,2
12700202	516629	LOC516629	similar to RIKEN cDNA 1110067D22	1,2
12825443	537431	ENPP6	ectonucleotide pyrophosphatase/phosphodiesterase 6	1,2
12681106	526789	LOC526789	similar to Histone H4 replacement CG3379-PC	1,2
12791556	100301250	LOC100301250	similar to RAP2B, member of RAS oncogene family	1,2
12867912	539714	KCNA6	potassium voltage-gated channel, shaker-related subfamily, member 6	1,2
12816240	510492	ROGDI	rogdi homolog (Drosophila)	1,2
12803578	616790	HIST1H2AG	histone cluster 1, H2ag	1,2
12804741	406200	PRP4	prolactin-related protein 13	1,2
12805927	524808	LOC524808	similar to histone, H2A	1,2
12791538	100299692	LOC100299692	hypothetical protein LOC100299692	1,2
12801182	282490	BOLA-DMA	major histocompatibility complex, class II, DM alpha-chain, expressed	1,2
12780778	506961	ADC	arginine decarboxylase	1,2
12730894	282082	SSRP1	structure specific recognition protein 1	1,2
12807381	100336584	LOC100336584	cell death-inducing DFFA-like effector a-like	1,2
12847040	540714	DMBX1	diencephalon/mesencephalon homeobox 1	1,2
12708565	785690	GEN1	Gen homolog 1, endonuclease (Drosophila)	1,2
12836319	504209	IGSF9	immunoglobulin superfamily, member 9	1,2
12855442	539388	TMUB1	transmembrane and ubiquitin-like domain containing 1	1,2
12682754	783459	LOC783459	similar to MGC133577 protein	1,2
12908933	526887	REPS2	RALBP1 associated Eps domain containing 2	1,2
12772078	538501	UNC119	unc-119 homolog (C. elegans)	1,2
12790238	522442	FANCI	Fanconi anemia, complementation group I	1,2
12877949	506420	HIGD2A	HIG1 hypoxia inducible domain family, member 2A	1,2
12737845	789634	TOR3A	torsin family 3, member A	1,2
12842455	100336571	LOC100336571	hypothetical protein LOC100336571	1,2
12822586	531444	CISD1	CDGSH iron sulfur domain 1	1,2
12882640	100138869	LOC100138869	hypothetical protein LOC100138869	1,2
12686567	540975	TIPARP	TCDD-inducible poly(ADP-ribose) polymerase	1,2
12810791	100124510	BAP1	BRCA1 associated protein-1	1,2
12858588	508235	FBXO7	F-box protein 7	1,2
12722265	511937	LOC511937	similar to Annexin A1	1,2
12705815	515379	MAMDC4	MAM domain containing 4	1,2
12858473	507706	LOC507706	similar to complement component 1, r subcomponent	1,2

12906352	100125775	IGSF1	immunoglobulin superfamily, member 1	1,2
12754992	100124507	LIG1	ligase I, DNA, ATP-dependent	1,2
12736499	530880	CHD5	chromodomain helicase DNA binding protein 5	1,2
12710747	618135	SOX1	SR Y (sex determining region Y)-box 1	1,2
12878354	509071	LOC509071	similar to olfactory receptor, family 2, subfamily V, member 2	1,2
12758127	526694	SNAI3	snail homolog 3 (Drosophila)	1,2
12760438	100300004	LOC100300004	hypothetical protein LOC100300004	1,2
12773820	100126052	LOC100126052	UPF0546 membrane protein C1orf91 homolog	1,2
12906089	783716	LOC783716	similar to S100 calcium binding protein A14	1,2
12897877	532996	WTAP	Wilms tumor 1 associated protein	1,2
12764090	529171	SLC16A6	solute carrier family 16, member 6 (monocarboxylic acid transporter 7)	1,2
12681539	534842	ROBO2	roundabout, axon guidance receptor, homolog 2 (Drosophila)	1,2
12700657	521742	FOXN2	forkhead box N2	1,2
12729294	536988	CAPN5	calpain 5	1,2
12863513	100294723	LOC100294723	similar to killer cell lectin-like receptor subfamily F, member 1	1,2
12687275	784939	GCET2	germinal center expressed transcript 2	1,2
12757690	519777	SUV420H2	suppressor of variegation 4-20 homolog 2 (Drosophila)	1,2
12796326	533011	MRPS25	mitochondrial ribosomal protein S25	1,2
12775974	509773	TMEM54	transmembrane protein 54	1,2
12822811	535887	PANK1	pantothenate kinase 1	1,2
12794175	100140633	LOC100140633	hypothetical protein LOC100140633	1,2
12680761	519280	GPX6	glutathione peroxidase 6	1,2
12716694	539687	PARD6B	par-6 partitioning defective 6 homolog beta (C. elegans)	1,2
12795031	508625	MOBP	myelin-associated oligodendrocyte basic protein	1,2
12757367	515359	CA5A	carbonic anhydrase VA, mitochondrial	1,2
12907709	508703	PRAF2	PRA1 domain family, member 2	1,2
12852652	100295432	LOC100295432	hypothetical protein LOC100295432	1,2
12704300	504750	SH3GLB2	SH3-domain GRB2-like endophilin B2	1,2
12746898	519372	INTU	inturned planar cell polarity effector homolog (Drosophila)	1,2
12818771	100297382	LOC100297382	hypothetical LOC100297382	1,2
12816276	510858	GIYD1	GIY-YIG domain containing	1,2
12833750	514745	DHCR7	7-dehydrocholesterol reductase	1,2
12816326	511318	CLDN6	claudin 6	1,2
12765234	613386	FGF11	fibroblast growth factor 11	1,2
12782693	531906	GRHL3	grainyhead-like 3 (Drosophila)	1,2
12901711	790851	LOC790851	hypothetical LOC790851	1,2
12805296	511167	NRM	nurim (nuclear envelope membrane protein)	1,2
12886230	529336	TNFAIP8	tumor necrosis factor, alpha-induced protein 8	1,2
12739059	508138	THAP3	THAP domain containing, apoptosis associated protein 3	1,2
12756333	505571	TSEN34	tRNA splicing endonuclease 34 homolog (S. cerevisiae)	1,2
12792539	514862	GSC	goosecoid homeobox	1,2
12684999	520743	KCNJ6	potassium inwardly-rectifying channel, subfamily J, member 6	1,2
12714562	508561	FAM83D	Protein FAM83D	1,2
12848984	282188	COL1A2	collagen, type I, alpha 2	1,2
12830295	510305	TMEM45B	transmembrane protein 45B	1,2
12901592	787125	C6orf173	chromosome 6 open reading frame 173	1,2
12804519	281696	CLIC5	chloride intracellular channel 5	1,2
12721907	504367	MCM4	minichromosome maintenance complex component 4	1,2
12802572	527304	LOC527304	similar to Histone H1.5 (Histone H1a)	1,2
12816916	516442	PTCHD3	patched domain containing 3	1,2

12756387	506297	RPS16	ribosomal protein S16	1,2
12739525	514590	PLCH2	phospholipase C, eta 2	1,2
12814788	791066	MIR25	microRNA mir-25	1,2
12899795	506766	MAP7	microtubule-associated protein 7	1,2
12720971	616913	FZD8	frizzled homolog 8 (Drosophila)	1,2
12852369	781951	LOC781951	similar to T cell receptor gamma V6-1	1,2
12800480	615603	LOC615603	similar to Uncharacterized protein C3orf20	1,2
12742432	510458	SUSD2	sushi domain containing 2	1,2
12906387	100138998	LOC100138998	similar to casein kinase I-beta	1,2
12820061	524002	SEMA4G	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4G	1,2
12739614	515324	PROX1	prospero homeobox 1	1,2
12813931	614815	LOC614815	similar to SH3-binding domain kinase 1	1,2
12804619	282491	BOLA-DMB	major histocompatibility complex, class II, DM beta-chain, expressed	1,2
12885141	512830	RNASEH2A	ribonuclease H2, subunit A	1,2
12842868	317659	DNAJC6	DnaJ (Hsp40) homolog, subfamily C, member 6	1,2
12901689	100300686	LOC100300686	similar to CG3835	1,2
12740640	539000	RAB7L1	RAB7, member RAS oncogene family-like 1	1,2
12835058	618055	B3GNT2	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 2	1,2
12904042	514653	P2RY4	pyrimidinergic receptor P2Y, G-protein coupled, 4	1,2
12850143	513780	POLM	polymerase (DNA directed), mu	1,2
12853987	512679	KIAA1549	hypothetical protein LOC512679	1,2
12803873	782554	LOC782554	similar to olfactory receptor 1368	1,2
12758139	526915	LOC526915	similar to histone cluster 1, H2bn	1,2
12889512	506520	WNK2	WNK lysine deficient protein kinase 2	1,2
12739133	508958	SLC26A9	solute carrier family 26, member 9	1,2
12901550	783945	LOC783945	similar to T-cell receptor beta chain V region CTL-F3	1,2
12852367	781729	LOC781729	similar to histone H2B	1,2
12708398	767930	CENPO	centromere protein O	1,2
12781409	512452	C2H1orf144	chromosome 1 open reading frame 144 ortholog	1,1
12793762	616960	COMMD4	COMM domain containing 4	1,1
12835795	281056	CD247	CD247 molecule	1,1
12827458	100297131	LOC100297131	similar to cytochrome c oxidase, subunit VIc	1,1
12719803	523202	CUBN	cubilin (intrinsic factor-cobalamin receptor)	1,1
12880822	537034	GPR98	G protein-coupled receptor 98	1,1
12881048	538782	LOC538782	hypothetical LOC538782	1,1
12730070	618353	LOC618353	similar to mCG4182	1,1
12760918	282093	TIMP2	TIMP metalloproteinase inhibitor 2	1,1
12779273	615401	LOC615401	similar to RPL13 protein-like	1,1
12682645	781026	LOC781026	similar to kyphoscoliosis peptidase	1,1
12834915	615893	CYBASC3	cytochrome b, ascorbate dependent 3	1,1
12738739	445421	MRPS14	mitochondrial ribosomal protein S14	1,1
12906006	781022	LOC781022	similar to ferritin H subunit	1,1
12734684	286816	TNNT2	troponin T type 2 (cardiac)	1,1
12872399	615555	NEUROG2	neurogenin 2	1,1
12775777	508408	STK36	serine/threonine kinase 36, fused homolog (Drosophila)	1,1
12706689	531723	FIBCD1	fibrinogen C domain containing 1	1,1
12718858	508880	GTPBP5	GTP binding protein 5 (putative)	1,1
12710229	535702	KLF5	Kruppel-like factor 5 (intestinal)	1,1
12862370	615510	LOC615510	similar to UPF0419 protein C12orf48	1,1
12884529	509388	PCDH1	protocadherin 1	1,1
12689885	523451	LOC523451	similar to tetratricopeptide repeat domain 9	1,1
12821682	504975	TLL2	tolloid-like 2	1,1
12780762	506882	DNPEP	aspartyl aminopeptidase	1,1
12882876	100336948	LOC100336948	ATPase, class V, type 10A-like	1,1

12741180	616017	PTCHD2	patched domain containing 2	1,1
12871908	537989	LOC537989	similar to rCG64566	1,1
12801086	281572	VEGFA	vascular endothelial growth factor A	1,1
12825601	781916	LOC781916	similar to histone 1, H2bn (predicted)	1,1
12689784	520027	PLEKHG3	pleckstrin homology domain containing, family G (with RhoGef domain) member 3	1,1
12900682	526704	VNN1	vanin 1	1,1
12723414	613524	PKIA	protein kinase (cAMP-dependent, catalytic) inhibitor alpha	1,1
12860747	531175	LOC531175	similar to membrane-associated DHHC26 zinc finger protein	1,1
12759907	785970	NTN5	netrin 5	1,1
12770153	513592	KPNA2	karyopherin alpha 2 (RAG cohort 1, importin alpha 1)	1,1
12715473	520404	CALML5	calmodulin-like 5	1,1
12706287	525174	LOC525174	similar to F47B8.14	1,1
12750415	507746	LOC507746	similar to osteoclast associated, immunoglobulin-like receptor, isoform 4 (predicted)	1,1
12756549	508292	IL34	interleukin 34	1,1
12848532	100298335	LOC100298335	hypothetical LOC100298335	1,1
12759404	617320	YIF1B	Yip1 interacting factor homolog B (<i>S. cerevisiae</i>)	1,1
12685110	524531	USP25	ubiquitin specific peptidase 25	1,1
12850279	515772	LOC515772	similar to olfactory receptor, family 2, subfamily A, member 5	1,1
12744483	615530	CCDC92	coiled-coil domain containing 92	1,1
12719146	512838	WBP11	WW domain binding protein 11	1,1
12737277	614630	CTNNBIP1	catenin, beta interacting protein 1	1,1
12807995	522776	SIGLEC15	sialic acid binding Ig-like lectin 15	1,1
12861880	540045	ZNF385A	zinc finger protein 385A	1,1
12895123	540823	ZNF367	zinc finger protein 367	1,1
12892381	100295817	DOCK8	dedicator of cytokinesis 8	1,1
12744103	540161	DRG1	developmentally regulated GTP binding protein 1	1,1
12861658	538951	NANOG	Nanog homeobox	1,1
12832464	100300337	LOC100300337	hypothetical LOC100300337	1,1
12852106	618138	PEG10	paternally expressed 10	1,1
12856225	789765	MNX1	motor neuron and pancreas homeobox 1	1,1
12901763	100298124	LOC100298124	similar to CG6543	1,1
12742678	515309	MLEC	malectin	1,1
12835574	100300593	LOC100300593	hypothetical protein LOC100300593	1,1
12834661	538490	RASSF7	Ras association (RalGDS/AF-6) domain family (N-terminal) member 7	1,1
12879111	514873	ICAM4	intercellular adhesion molecule 4 (Landsteiner-Wiener blood group)	1,1
12832185	786577	TTC9C	tetratricopeptide repeat domain 9C	1,1
12775328	505011	SPC25	SPC25, NDC80 kinetochore complex component, homolog (<i>S. cerevisiae</i>)	1,1
12690151	528437	ESRRB	estrogen-related receptor beta	1,1
12765517	616711	RPRML	reprimin-like	1,1
12871367	525433	LOC525433	similar to histone cluster 1, H2bd	1,1
12899697	497031	SLC2A12	solute carrier family 2 (facilitated glucose transporter), member 12	1,1
12791395	789062	LOC789062	similar to hCG1802417	1,1
12901808	534337	SH3YL1	SH3 domain containing, Ysc84-like 1 (<i>S. cerevisiae</i>)	1,1
12833867	516175	PPP1CA	protein phosphatase 1, catalytic subunit, alpha isoform	1,1
12818178	614103	DCTPP1	dCTP pyrophosphatase 1	1,1
12686243	539186	GPR156	G protein-coupled receptor 156	1,1
12905417	540006	ZCCHC12	zinc finger, CCHC domain containing 12	1,1
12692212	618905	FAM71D	family with sequence similarity 71, member D ortholog	1,1
12847399	614845	MGC179469	hypothetical LOC614845	1,1
12703250	786435	LOC786435	similar to ring finger protein 38	1,1

12732670	531733	H2AFX	H2A histone family, member X	1,1
12697921	100125836	WDR5	WD repeat domain 5	1,1
12753948	617592	LOC617592	similar to olfactory receptor 1348	1,1
12796774	540622	CDCP1	CUB domain containing protein 1	1,1
12796835	541135	KIF15	kinesin family member 15	1,1
12884097	507447	RNF126	ring finger protein 126	1,1
12895060	540336	GAS1	growth arrest-specific 1	1,1
12746819	517697	SUHW2	suppressor of hairy wing homolog 2	1,1
12777237	527023	SLC40A1	solute carrier family 40 (iron-regulated transporter), member 1	1,1
12750871	510354	RLTPR	similar to RGD, leucine-rich repeat, tropomodulin and proline-rich containing protein	1,1
12756472	507619	ZNF580	similar to zinc finger protein 580	1,1
12703475	100295548	LOC100295548	similar to lipocalin 8	1,1
12858066	506293	LOC506293	similar to helicase	1,1
12856194	785436	KLF14	Kruppel-like factor 14	1,1
12829359	280745	CD5	CD5 molecule	1,1
12753541	540819	FOSB	FBJ murine osteosarcoma viral oncogene homolog B	1,1
12891575	540442	LOC540442	similar to interferon alpha H	1,1
12891472	539217	SMC2	structural maintenance of chromosomes 2	1,1
12825731	100336125	LOC100336125	hypothetical protein LOC100336125	1,1
12854731	524365	TRPV5	transient receptor potential cation channel, subfamily V, member 5	1,1
12818677	789913	AMZ1	archaelysin family metallopeptidase 1	1,1
12895045	539818	MGC152360	similar to ribophorin I	1,1
12898602	540298	COQ3	coenzyme Q3 homolog, methyltransferase (S. cerevisiae)	1,1
12762724	510813	LGALS9	lectin, galactoside-binding, soluble, 9	1,1
12703373	100125942	40636	apoptosis related protein 3	1,1
12697882	789452	LOC789452	similar to T-cell receptor alpha chain	1,1
12757775	520267	LOC520267	similar to Myb protein P42POP	1,1
12897436	521115	PDSS2	prenyl (decaprenyl) diphosphate synthase, subunit 2	1,1
12760031	788860	LOC788860	similar to Zinc finger protein 43 (Zinc finger protein 39) (Zinc protein HTF6) (Zinc finger protein KOX27)	1,1
12702570	614611	MOBKL1B	MOB1, Mps One Binder kinase activator-like 1B (yeast)	1,1
12692753	788696	LOC788696	similar to GTP-binding nuclear protein Ran (GTPase Ran) (Ras-like protein TC4) (Androgen receptor-associated protein 24)	1,1
12821152	100125941	CLRN3	clarin 3	1,1
12871337	523503	MAN2B2	mannosidase, alpha, class 2B, member 2	1,1
12856220	789410	XRCC2	X-ray repair complementing defective repair in Chinese hamster cells 2	1,1
12860268	522884	TIMELESS	timeless homolog (Drosophila)	1,1
12908618	520057	LOC520057	similar to type 1 protein phosphatase inhibitor	1,1
12696433	538143	RHOV	ras homolog gene family, member V	1,1
12841422	617467	LOC617467	similar to olfactory receptor Olr1347	1,1
12875784	616211	NKX6-1	NK6 homeobox 1	1,1
12794361	281371	OXTR	oxytocin receptor	1,1
12743174	524357	KREMEN1	kringle containing transmembrane protein 1	1,1
12775452	506494	MGC159500	hypothetical LOC506494	1,1
12870519	505766	LOC505766	similar to BMP-2-inducible protein kinase (BIKe)	1,1
12810821	100125938	UBFD1	ubiquitin family domain containing 1	1,1
12882142	780855	PIIP5K2	diphosphoinositol pentakisphosphate kinase 2	1,1
12909004	528138	KLHL13	kelch-like 13 (Drosophila)	1,1
12702117	539691	RTKN	rhotekin	1,1
12835609	100301420	LOC100301420	hypothetical protein LOC100301420	1,1
12740309	534017	TMEM63A	transmembrane protein 63A	1,1
12718987	511523	LOC511523	similar to SLC2A4 regulator	1,1

12845239	521650	ADPRHL2	ADP-ribosylhydrolase like 2	1,1
12820687	538785	STAMBPL1	STAM binding protein-like 1	1,1
12794373	281898	RPSA	ribosomal protein SA	1,1
12695433	524749	LOC524749	hypothetical protein LOC524749	1,1
12785002	100337114	LOC100337114	RAN binding protein 17-like	1,1
12793626	541005	DET1	de-etiolated homolog 1 (Arabidopsis)	1,1
12704851	508550	KRTCAP3	keratinocyte associated protein 3	1,1
12898447	538296	BACH2	BTB and CNC homology 1, basic leucine zipper transcription factor 2	1,1
12754623	785741	ZBTB32	zinc finger and BTB domain containing 32	1,1
12808863	789936	LOC789936	similar to olfactory receptor 1160	1,1
12740480	536732	ESRRG	estrogen-related receptor gamma	1,1
12901327	613535	UNC93A	unc-93 homolog A (C. elegans)	1,1
12693157	100300361	LOC100300361	similar to leukocyte mono-Ig-like receptor 4	1,1
12790546	530270	AGPHD1	aminoglycoside phosphotransferase domain containing 1	1,1
12871795	535834	SRD5A3	steroid 5 alpha-reductase 3	1,1
12715724	524176	LOC524176	similar to histone cluster 1, H2ag	1,1
12833285	508118	LOC508118	similar to zinc finger and BTB domain containing 3	1,1
12777539	531241	ADAM23	ADAM metalloproteinase domain 23	1,1
12805118	508179	PPIL1	peptidylprolyl isomerase (cyclophilin)-like 1	1,1
12839924	533726	DHCR24	24-dehydrocholesterol reductase	1,1
12803879	783151	LOC783151	similar to enterophilin-2L	1,1
12808814	782542	ONECUT2	similar to one cut domain, family member 2	1,1
12798554	506152	GNL3	guanine nucleotide binding protein-like 3 (nucleolar)	1,1
12810988	100141258	LOC100141258	similar to Interleukin-32 precursor (IL-32) (Natural killer cells protein 4) (Tumor necrosis factor alpha-inducing factor)	1,1
12807292	100296081	LOC100296081	hypothetical protein LOC100296081	1,1
12830490	512612	LOC512612	similar to histone H2B	1,1
12878302	508819	PIP5K1C	phosphatidylinositol-4-phosphate 5-kinase, type I, gamma	1,1
12812538	514550	ZCWPW1	zinc finger, CW type with PWWP domain 1	1,1
12695694	528607	LOC528607	similar to TRD@ protein	1,1
12885978	525942	ZNF454	zinc finger protein 454	1,1
12879816	524290	LOC524290	similar to olfactory receptor 216	1,1
12722399	515472	RECQL4	RecQ protein-like 4	1,1
12749028	100313084	MIR769	microRNA mir-769	1,1
12871379	525643	OTOP1	otopetritin 1	1,1
12693826	504453	DMGDH	dimethylglycine dehydrogenase	1,1
12748035	615334	DAO	D-amino-acid oxidase	1,1
12726486	100313304	MIR129-2	microRNA mir-129-2	1,1
12868846	751809	LOC751809	WC1 isolate DV9	1,1
12720524	535138	PIGU	phosphatidylinositol glycan anchor biosynthesis, class U	1,1
12783721	539614	NMUR1	neuromedin U receptor 1	1,1
12768020	504584	ALDOC	aldolase C, fructose-bisphosphate	1,1
12888183	783452	LOC783452	similar to neuregulin 2	1,1
12856851	281269	KRT8	keratin 8	1,1
12861857	540005	PIP4K2C	phosphatidylinositol-5-phosphate 4-kinase, type II, gamma	1,1
12803635	617315	LOC617315	similar to Chromosome 6 open reading frame 146	1,1
12904175	515732	PHKA2	phosphorylase kinase, alpha 2 (liver)	1,1
12706002	517539	MTHFD2	methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2, methenyltetrahydrofolate cyclohydrolase	1,1
12906601	100335434	LOC100335434	hypothetical protein LOC100335434	1,1
12772946	617078	TRIM37	tripartite motif-containing 37	1,1
12812179	510644	MICAL2	MICAL-like 2	1,1

12693118	100298486	LOC100298486	hypothetical LOC100298486	1,1
12892308	100139009	LOC100139009	similar to Cdc21l protein	1,1
12842238	100138535	ZNF684	zinc finger protein 684	1,1
12751865	516212	ISOC2	isochorismatase domain containing 2	1,1
12695051	516881	SGPP1	sphingosine-1-phosphate phosphatase 1	1,1
12725142	512826	GPIHBP1	glycosylphosphatidylinositol anchored high density lipoprotein binding protein 1	1,1
12775902	509120	RCC2	regulator of chromosome condensation 2	1,1
12764171	530409	PHB	prohibitin	1,1
12800914	100295626	LOC100295626	hypothetical protein LOC100295626	1,1
12891106	534304	STX17	syntaxin 17	1,1
12886898	535967	ATP10A	ATPase, class V, type 10A	1,1
12877763	505690	LARP1	La ribonucleoprotein domain family, member 1	1,1
12708622	786125	LOC786125	similar to ACP1 protein	1,1
12773969	100299236	LOC100299236	similar to deubiquitinating enzyme 1	1,1
12763087	513303	TOM1L1	target of myb1 (chicken)-like 1	1,1
12859426	513920	STYK1	serine/threonine/tyrosine kinase 1	1,1
12864689	505850	EIF4B	eukaryotic translation initiation factor 4B	1,1
12683292	281134	ECE2	endothelin converting enzyme 2	1,1
12744443	614881	LOC614881	similar to histone, H2A	1,1
12864393	404186	IGFBP6	insulin-like growth factor binding protein 6	1,1
12682144	540795	A4GNT	alpha-1,4-N-acetylglucosaminyltransferase	1,1
12804387	280860	MLN	motilin	1,1
12876972	281870	INSL3	insulin-like 3 (Leydig cell)	1,1
12735236	507981	DFFA	DNA fragmentation factor, 45kDa, alpha polypeptide	1,1
12797685	791033	MIR191	microRNA mir-191	1,1
12736345	525122	TTC34	tetratricopeptide repeat domain 34	1,1
12757103	513195	CENPT	centromere protein T	1,1
12797030	616712	C22H3ORF18	chromosome 3 open reading frame 18 ortholog	1,1
12785796	521553	AGXT2	alanine-glyoxylate aminotransferase 2	1,1
12888306	786607	MUC16	mucin 16	1,1
12833327	508825	MRPL23	mitochondrial ribosomal protein L23	1,1
12882558	791031	MIR181C	microRNA mir-181c	1,1
12829208	100300295	LOC100300295	hypothetical protein LOC100300295	1,1
12804713	286873	RPS4Y1	ribosomal protein S4, Y-linked 1	1,1
12726107	617563	LOC617563	similar to hypothetical class II basic helix-loop-helix protein	1,1
12776682	515529	RNF186	ring finger protein 186	1,1
12831896	616955	NRGN	neurogranin (protein kinase C substrate, RC3)	1,1
12830063	507834	ESRRA	estrogen-related receptor alpha	1,1
12704162	359718	RTN4	reticulon 4	1,1
12726324	100138344	LOC100138344	similar to LOC399888 protein	1,1
12758642	534394	NIP30	NEFA-interacting nuclear protein NIP30	1,1
12857116	282244	GUCY2C	guanylate cyclase 2C (heat stable enterotoxin receptor)	1,1
12764792	538479	KCNJ12	potassium inwardly-rectifying channel, subfamily J, member 12	1,1
12796209	530527	C22H3ORF37	chromosome 3 open reading frame 37 ortholog	1,1
12692167	617628	BATF	basic leucine zipper transcription factor, ATF-like	1,1
12797940	281192	GHRL	ghrelin/obestatin prepropeptide	1,1
12729417	538766	MGC134087	hypothetical LOC538766	1,1
12848679	100336612	LOC100336612	dynein, axonemal, heavy chain 11-like	1,1
12768006	504583	PIGS	phosphatidylinositol glycan anchor biosynthesis, class S	1,1
12900935	534296	MTHFD1L	methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 1-like	1,1
12841208	615091	LOC615091	similar to histone cluster 1, H2bd	1,1
12887183	539534	S1PR4	sphingosine-1-phosphate receptor 4	1,1
12872085	539533	N4BP2	NEDD4 binding protein 2	1,1
12780150	280994	ALPL	alkaline phosphatase, liver/bone/kidney	1,1

12719212	513835	RBBP9	retinoblastoma binding protein 9	1,1
12892540	100336820	LOC100336820	doublesex and mab-3 related transcription factor 1-like	1,1
12742639	514307	INPP5J	inositol polyphosphate-5-phosphatase J	1,1
12684618	514525	CBS	cystathionine-beta-synthase	1,1
12868874	767843	POLR3H	polymerase (RNA) III (DNA directed) polypeptide H (22.9kD)	1,1
12901442	617303	GPR31	G protein-coupled receptor 31	1,1
12825252	526825	CSMD1	CUB and Sushi multiple domains 1	1,1
12741501	785548	LOC785548	similar to Protein-S-isoprenylcysteine O-methyltransferase (Isoprenylcysteine carboxylmethyltransferase) (Prenylcysteine carboxyl methyltransferase) (pcCMT) (Prenylated protein carboxyl methyltransferase) (PPMT)	1,1
12880638	534475	RFX2	regulatory factor X, 2 (influences HLA class II expression)	1,1
12885622	518647	TMPRSS9	transmembrane protease, serine 9	1,1
12688893	510842	LPCAT4	lysophosphatidylcholine acyltransferase 4	1,1
12698139	100299302	LOC100299302	hypothetical protein LOC100299302	1,1
12713421	100313384	MIR544B-1	microRNA mir-544b-1	1,1
12859272	513218	LOC513218	similar to cytochrome c oxidase subunit VIa polypeptide 1	1,1
12715435	519774	LOC519774	hypothetical LOC519774	1,1
12878330	509031	SLC4A9	solute carrier family 4, sodium bicarbonate cotransporter, member 9	1,1
12733368	613288	WNT11	wingless-type MMTV integration site family, member 11	1,1
12853829	510916	DBF4	DBF4 homolog (S. cerevisiae)	1,1
12743991	538233	SSH1	slingshot homolog 1 (Drosophila)	1,1
12842346	100295300	LOC100295300	hypothetical protein LOC100295300	1,1
12746794	517045	ARVCF	armadillo repeat gene deletes in velocardiofacial syndrome	1,1
12820541	536409	PAPSS2	3'-phosphoadenosine 5'-phosphosulfate synthase 2	1,1
12760288	100139162	LOC100139162	hypothetical protein LOC100139162	1,1
12736469	529939	LAMB3	laminin, beta 3	1,1
12737052	539755	FAM20B	family with sequence similarity 20, member B	1,1
12843388	505691	CDKN2C	cyclin-dependent kinase inhibitor 2C (p18, inhibits CDK4)	1,1
12739472	514453	ARHGEF16	Rho guanine exchange factor (GEF) 16	1,1
12692173	617650	GCHFR	GTP cyclohydrolase I feedback regulator	1,1
12728123	515914	SESN3	sestrin 3	1,1
12865903	514339	SLC6A12	solute carrier family 6 (neurotransmitter transporter, betaine/GABA), member 12	1,1
12749362	281990	POLD1	polymerase (DNA directed), delta 1, catalytic subunit 125kDa	1,1
12792543	515018	ISLR	immunoglobulin superfamily containing leucine-rich repeat	1,1
12909790	539621	XK	X-linked Kx blood group (McLeod syndrome)	1,1
12731469	508315	LOC508315	similar to olfactory receptor MOR232-3	1,1
12754235	618680	ZNF579	zinc finger protein 579	1,1
12851950	615851	HOXA7	homeobox A7	1,1
12841680	782973	OXCT2	3-oxoacid CoA transferase 2	1,1
12708555	785063	LOC785063	similar to ankyrin repeat domain 57	1,1
12789647	509816	MRPS11	mitochondrial ribosomal protein S11	1,1
12804267	100313097	MIR220C-1	microRNA mir-220c-1	1,1
12824564	782601	LOC782601	similar to Histone H3-like centromeric protein A (Centromere protein A) (CENP-A)	1,1
12887181	539296	SLC25A2	solute carrier family 25 (mitochondrial carrier; ornithine transporter) member 2	1,1
12807824	510050	TGIF1	TGFB-induced factor homeobox 1	1,1

12825915	282120	VDAC2	voltage-dependent anion channel 2	1,1
12728497	525033	LOC525033	similar to olfactory receptor Olr39	1,1
12816125	508800	AZGP1	alpha-2-glycoprotein 1, zinc-binding	1,1
12700996	526639	LCN2	lipocalin 2	1,1
12770098	513486	RDM1	RAD52 motif 1	1,1
12729814	614015	SMTNL1	smoothelin-like 1	1,1
12777797	533803	TCEA3	transcription elongation factor A (SII), 3	1,1
12884794	510778	CCDC124	coiled-coil domain containing 124	1,1
12840924	540738	TMEM53	transmembrane protein 53	1,1
12709974	528412	LOC528412	similar to LOC616707 protein	1,1
12715418	518904	BASE	breast cancer and salivary gland expression protein	1,1
12710628	616053	SPERT	spermatid associated	1,1
12682937	100295034	LOC100295034	hypothetical protein LOC100295034	1,1
12797578	786363	LOC786363	similar to LOC507659 protein	1,1
12745528	338036	P2RX4	purinergic receptor P2X, ligand-gated ion channel, 4	1,1
12795644	514667	MST1	macrophage stimulating 1 (hepatocyte growth factor-like)	1,1
12823104	615206	LOC615206	similar to C6orf173 protein	1,1
12753198	537698	GRIK5	glutamate receptor, ionotropic, kainate 5	1,1
12739608	515266	ATF3	activating transcription factor 3	1,1
12706887	533836	SPR	sepiapterin reductase (7,8-dihydrobiopterin:NADP+ oxidoreductase)	1,1
12879396	519617	GIPC1	GIPC PDZ domain containing family, member 1	1,1
12721433	100125936	CSMD3	CUB and Sushi multiple domains 3	1,1
12702807	616997	FAM136A	family with sequence similarity 136, member A	1,1
12884031	506973	OAZ1	ornithine decarboxylase antizyme 1	1,1
12830076	508031	TMEM216	transmembrane protein 216	1,1
12777373	529590	SCN1A	sodium channel, voltage-gated, type I, alpha subunit	1,1
12717211	618530	ROMO1	reactive oxygen species modulator 1	1,1
12749690	407187	BSP1	binder of sperm 1	1,1
12766241	789044	DNAH2	dynein, axonemal, heavy chain 2	1,1
12758928	540020	ZNF679	zinc finger protein 679	1,1
12910799	790278	SHROOM2	shroom family member 2	1,1
12755369	100299475	LOC100299475	hypothetical protein LOC100299475	1,1
12736792	535293	EPHX1	epoxide hydrolase 1, microsomal (xenobiotic)	1,1
12874171	513842	LOC513842	similar to Ferritin, heavy polypeptide 1	1,1
12842993	404144	LMNA	lamin A/C	1,1
12808208	534323	SERPINB5	serpin peptidase inhibitor, clade B (ovalbumin), member 5	1,1
12887133	538745	GJC2	gap junction protein, gamma 2, 47kDa	1,1
12839540	530929	LOC530929	hypothetical LOC530929	1,1
12734508	281405	PKP1	plakophilin 1 (ectodermal dysplasia/skin fragility syndrome)	1,1
12882706	100297100	LOC100297100	hypothetical protein LOC100297100	1,1
12804717	317779	GCM1	glial cells missing homolog 1 (Drosophila)	1,1
12707326	538707	TET3	tet oncogene family member 3	1,1
12789343	505486	ASPG	asparaginase homolog (S. cerevisiae)	1,1
12765609	617714	EFNB3	ephrin-B3	1,1
12851653	540061	LOC540061	hypothetical LOC540061	1,1
12698678	282867	SLC2A8	solute carrier family 2 (facilitated glucose transporter), member 8	1,1
12862155	541204	ATF7	activating transcription factor 7	1,1
12802096	514967	KCTD20	potassium channel tetramerisation domain containing 20	1,1
12902077	789571	MUC2	mucin 2	1,1
12823293	791005	MIR107	microRNA mir-107	1,1
12825649	785886	LOC785886	similar to testis expressed sequence 15	1,1
12823168	615980	FGFBP3	fibroblast growth factor binding protein 3	1,1

12690641	534382	MTHFD1	methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 1, methenyltetrahydrofolate cyclohydrolase, formyltetrahydrofolate synthetase	1,1
12718625	507082	RALGAPA2	Ral GTPase activating protein, alpha subunit 2 (catalytic)	1,1
12731936	512817	ARHGAP1	Rho GTPase activating protein 1	1,1
12831552	538731	ALG8	asparagine-linked glycosylation 8, alpha-1,3-glucosyltransferase homolog (S. cerevisiae)	1,1
12735269	508503	ELF3	E74-like factor 3 (ets domain transcription factor, epithelial-specific)	1,1
12733747	767614	MYBPC3	myosin binding protein C, cardiac	1,1
12888751	100140121	LOC100140121	similar to rCG47065	1,1
12841616	781200	LOC781200	similar to dihydrolipoamide acetyltransferase	1,1
12806211	534092	DDR1	discoidin domain receptor tyrosine kinase 1	1,1
12808054	527341	MGC160046	hypothetical LOC527341	1,1
12735542	514225	MDM4	Mdm4 p53 binding protein homolog (mouse)	1,1
12716881	613475	MSRB2	methionine sulfoxide reductase B2	1,1
12854115	514243	HECW1	HECT, C2 and WW domain containing E3 ubiquitin protein ligase 1	1,1
12760378	100295485	LOC100295485	similar to angiotensin I converting enzyme 1	1,1
12843211	504914	UROD	uroporphyrinogen decarboxylase	1,1
12733504	615090	TMPRSS5	transmembrane protease, serine 5	1,1
12807058	783024	LOC783024	hypothetical LOC783024	1,1
12768995	509115	MRPS7	mitochondrial ribosomal protein S7	1,1
12902022	100125761	PLCXD1	phosphatidylinositol-specific phospholipase C, X domain containing 1	1,1
12802930	534891	TMEM63B	transmembrane protein 63B	1,1
12764972	539253	ASB16	ankyrin repeat and SOCS box-containing 16	1,1
12907971	511516	FAM127A	family with sequence similarity 127, member A	1,1
12796824	541113	LRRC2	leucine rich repeat containing 2	1,1
12836746	505780	GPBP1L1	GC-rich promoter binding protein 1-like 1	1,1
12710768	618679	CDX2	caudal type homeobox 2	1,1
12754247	618792	WWOX	WW domain containing oxidoreductase	1,1
12738151	100335838	LOC100335838	polymerase (RNA) I polypeptide D-like	1,1
12715176	515589	C13H20ORF27	chromosome 20 open reading frame 27 ortholog	1,1
12726238	782385	LOC782385	similar to SUMO/sentrin specific peptidase family member 8	1,1
12716546	537251	CHRNA4	cholinergic receptor, nicotinic, alpha 4	1,1
12797125	617428	ACAD9	acyl-Coenzyme A dehydrogenase family, member 9	1,1
12862938	782903	GAS2L3	growth arrest-specific 2 like 3	1,1
12777340	528533	CDK5R2	cyclin-dependent kinase 5, regulatory subunit 2 (p39)	1,1
12825795	280869	MTR	5-methyltetrahydrofolate-homocysteine methyltransferase	1,1
12863097	785386	LOC785386	similar to ribosomal protein L10	1,1
12752138	521820	LOC521820	similar to Tigger transposable element-derived protein 2	1,1
12891185	535077	GSN	gelsolin (amyloidosis, Finnish type)	1,1
12865508	512064	DIP2B	DIP2 disco-interacting protein 2 homolog B (Drosophila)	1,1
12706211	523157	NOXA1	NADPH oxidase activator 1	1,1
12856114	782171	LOC782171	similar to ribosomal protein L23a	1,1
12826072	506979	STOX1	storkhead box 1	1,1
12818747	100190912	LOC100190912	hypothetical LOC100190912	1,1
12860334	524387	LOC524387	similar to CG15040 CG15040-PA	1,1
12847765	664655	MTX1	metaxin 1	1,1
12811180	100312991	MIR106B	microRNA mir-106b	1,1
12793571	540109	CRTC3	CREB regulated transcription coactivator 3	1,1
12891847	615705	RPIL1	retinitis pigmentosa 1-like 1	1,1
12748586	100138791	LOC100138791	hypothetical protein LOC100138791	1,1

12691835	614161	ARF6	ADP-ribosylation factor 6	1,1
12696845	540307	SLC8A3	solute carrier family 8 (sodium/calcium exchanger), member 3	1,1
12844648	513654	GPSM2	G-protein signaling modulator 2 (AGS3-like, <i>C. elegans</i>)	1,1
12804257	100300211	LOC100300211	similar to olfactory receptor 17	1,1
12730068	618213	LOC618213	similar to hCG1991759	1,1
12751324	512757	HSPBP1	HSPA (heat shock 70kDa) binding protein, cytoplasmic cochaperone 1	1,1
12765442	616180	YPEL2	yippee-like 2 (<i>Drosophila</i>)	1,1
12737359	616142	C16H1orf174	chromosome 1 open reading frame 174 ortholog	1,1
12848349	789553	LOC789553	similar to Uncharacterized protein C2orf54 homolog	1,1
12694419	510366	NIN	ninein (GSK3B interacting protein)	1,1
12762058	507172	TMEM88	transmembrane protein 88	1,1
12759718	782638	LOC782638	similar to mCG125076	1,1
12807392	100336844	LOC100336844	oxysterol-binding protein-like 1A-like	1,1
12759421	617429	LOC617429	similar to poly(A)binding protein nuclear-like 1	1,1
12755335	100298766	LOC100298766	hypothetical protein LOC100298766	1,1
12720549	535369	E2F1	E2F transcription factor 1	1,1
12875155	534876	PAQR3	progesterin and adipoQ receptor family member III	1,1
12779999	100336604	LOC100336604	R3H domain 1 (binds single-stranded nucleic acids)-like	1,1
12704122	338059	ATP6V1B1	ATPase, H ⁺ transporting, lysosomal 56/58kDa, V1 subunit B1	1,1
12745765	505792	MVK	mevalonate kinase	1,1
12817910	535225	LIMK1	LIM domain kinase 1	1,1
12768209	505710	C19H17orf37	chromosome 17 open reading frame 37 ortholog	1,1
12717836	100297694	LOC100297694	hypothetical protein LOC100297694	1,1
12713592	281208	NPBWR2	neuropeptides B/W receptor 2	1,1
12777920	534678	TMEM163	transmembrane protein 163	1,1
12910278	616181	UPF3B	UPF3 regulator of nonsense transcripts homolog B (yeast)	1,1
12748242	768074	ETFDH	electron-transferring-flavoprotein dehydrogenase	1,1
12870423	504422	SEC24D	SEC24 family, member D (<i>S. cerevisiae</i>)	1,1
12744800	784914	ZNF26	zinc finger protein 26	1,1
12771272	527835	OTOP2	otopetritin 2	1,1
12734644	282146	ATP2B4	ATPase, Ca ⁺⁺ transporting, plasma membrane 4	1,1
12847515	615879	EFNA4	ephrin-A4	1,1
12877266	326346	NDUFA11	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 11, 14.7kDa	1,1
12760699	281096	CSF3	colony stimulating factor 3 (granulocyte)	1,1
12845835	529566	CREB3L4	cAMP responsive element binding protein 3-like 4	1,1
12778508	539299	SPATS2L	spermatogenesis associated, serine-rich 2-like	1,1
12860119	521057	ANKRD52	ankyrin repeat domain 52	1,1
12795664	514706	DBNL	drebrin-like	1,1
12872783	100139053	LIN54	lin-54 homolog (<i>C. elegans</i>)	1,1
12697648	784455	LOC784455	similar to olfactory receptor Olr1615	1,1
12765428	616129	HOXB2	homeobox B2	1,1
12824536	768318	DEFB	defensin, beta	1,1
12699808	513128	RPL7A	ribosomal protein L7a	1,1
12877410	407140	ADRA1B	adrenergic, alpha-1B-, receptor	1,1
12852750	100313393	MIR96	microRNA mir-96	1,1
12694530	511100	OIP5	Opa interacting protein 5	1,1
12872208	540769	WHSC1	Wolf-Hirschhorn syndrome candidate 1	1,1
12837819	511591	SORT1	sortilin 1	1,1
12901681	100300542	LOC100300542	hypothetical protein LOC100300542	1,1
12888213	784359	LOC784359	similar to UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 2	1,1
12855425	538952	PRR15	proline rich 15	1,1
12901726	100301289	LOC100301289	hypothetical protein LOC100301289	1,1

12910338	618364	LOC618364	similar to melanoma antigen family B, 4	1,1
12791729	282178	CHRNA7	cholinergic receptor, nicotinic, alpha 7	1,1
12762270	508582	ACAP1	ArfGAP with coiled-coil, ankyrin repeat and PH domains 1	1,1
12876857	281088	COMP	cartilage oligomeric matrix protein	1,1
12821369	280924	SCD	stearyl-CoA desaturase (delta-9-desaturase)	1,1
12802601	527966	CAPN11	calpain 11	1,1
12804641	282498	BOLA-DYB	major histocompatibility complex, class II, DY beta	1,1
12906133	784732	PASD1	PAS domain containing 1	1,1
12909928	540765	TIMM17B	translocase of inner mitochondrial membrane 17 homolog B (yeast)	1,1
12752008	519016	CDT1	chromatin licensing and DNA replication factor 1	1,1
12765663	618018	STRA13	stimulated by retinoic acid 13 homolog (mouse)	1,1
12847098	540863	CCDC18	coiled-coil domain containing 18	1,1
12778629	540304	WIPF1	WAS/WASL interacting protein family, member 1	1,1
12753001	534170	ZNF274	zinc finger protein 274	1,1
12814286	618053	LOC618053	similar to zinc finger protein 750	1,1
12906923	100337266	LOC100337266	melanoma antigen family A, 9-like	1,1
12693330	100336855	LOC100336855	dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 4-like	1,1
12799593	530951	CCR9	chemokine (C-C motif) receptor 9	1,1
12728792	530468	P2RX3	purinergic receptor P2X, ligand-gated ion channel, 3	1,1
12841527	618581	ITLN2	intelectin 2	1,1
12765924	784366	DLX3	distal-less homeobox 3	1,1
12720902	615768	LOC615768	similar to ankyrin repeat domain 26	1,1
12839699	532257	USP24	ubiquitin specific peptidase 24	1,1
12837889	511936	LOC511936	similar to cytochrome P450 isoform 2J	1,1
12712579	537918	TDRD3	tudor domain containing 3	1,1
12767781	407227	SLC5A10	solute carrier family 5 (sodium/glucose cotransporter), member 10	1,1
12806550	540335	GLO1	glyoxalase I	1,1
12721043	617951	NRSN2	neurensin 2	1,1
12738623	282861	AVPR1B	arginine vasopressin receptor 1B	1,1
12813316	528804	TRIM72	tripartite motif-containing 72	1,1
12884108	507478	PHAX	phosphorylated adaptor for RNA export	1,1
12684230	509976	SERPINI1	serpin peptidase inhibitor, clade I (neuroserpin), member 1	1,1
12803664	617717	NG5	NG5	1,1
12772992	617638	HES7	hairy and enhancer of split 7 (Drosophila)	1,1
12776426	513593	SERINC2	serine incorporator 2	1,1
12885169	512959	HDGF2	hepatoma-derived growth factor-related protein 2	1,1
12838021	512993	WDR77	WD repeat domain 77	1,1
12838722	517857	C3H1orf123	chromosome 1 open reading frame 123 ortholog	1,1
12821104	784738	LOC784738	similar to 40S ribosomal protein S12	1,1
12723351	540145	FBXO43	F-box protein 43	1,1
12720740	540118	FAM110A	family with sequence similarity 110, member A	1,1
12761817	505734	APPBP2	amyloid beta precursor protein (cytoplasmic tail) binding protein 2	1,1
12834361	532497	KCNK7	potassium channel, subfamily K, member 7	1,1
12784469	618224	PADI1	peptidyl arginine deiminase, type I	1,1
12813810	539991	GJC3	gap junction protein, gamma 3, 30.2kDa	1,1
12787144	506746	TRIP13	thyroid hormone receptor interactor 13	1,1
12870928	513376	STBD1	starch binding domain 1	1,1
12727727	513275	STX3	syntaxin 3	1,1
12898819	614126	LOC614126	similar to Hmgb1 protein	1,1
12790976	540013	SSTR1	somatostatin receptor 1	1,1
12749487	282515	PAFAH1B3	platelet-activating factor acetylhydrolase, isoform Ib, subunit 3 (29kDa)	1,1
12721605	281760	FABP5	fatty acid binding protein 5 (psoriasis-associated)	1,1

12895589	767985	CKS2	CDC28 protein kinase regulatory subunit 2	1,1
12688441	506254	TBC1D21	TBC1 domain family, member 21	1,1
12848148	785028	LOC785028	similar to Uncharacterized protein C1orf190 homolog	1,1
12902874	281647	XIAP	X-linked inhibitor of apoptosis	1,1
12717475	784289	LOC784289	similar to ferritin L subunit	1,1
12900982	535676	PPIL4	peptidylprolyl isomerase (cyclophilin)-like 4	1,1
12699094	505436	CLIC3	chloride intracellular channel 3	1,1
12841512	618256	S100A6	S100 calcium binding protein A6	1,1
12864295	327671	RAC2	ras-related C3 botulinum toxin substrate 2 (rho family, small GTP binding protein Rac2)	1,1
12891134	534781	PBK	PDZ binding kinase	1,1
12744533	616109	UQCR10	ubiquinol-cytochrome c reductase complex 7.2 kDa protein	1,1
12746880	518897	CHEK2	CHK2 checkpoint homolog (S. pombe)	1,1
12717799	100296381	LOC100296381	similar to opiate receptor-like 1	1,1
12858506	507901	GTSE1	G-2 and S-phase expressed 1	1,1
12789472	506438	CYP46A1	cytochrome P450, family 46, subfamily A, polypeptide 1	1,1
12785624	515158	CCDC99	coiled-coil domain containing 99	1,1
12691778	613762	LOC613762	hypothetical LOC613762	1,1
12807489	281128	DSC2	desmocollin 2	1,1
12829012	783944	LOC783944	hypothetical LOC783944	1,1
12876198	100137974	LOC100137974	similar to hCG2036613	1,1
12698459	281416	POMC	proopiomelanocortin	1,1
12800868	100134966	PPP2R5D	protein phosphatase 2, regulatory subunit B', delta isoform	1,1
12862838	768036	TUBA8	tubulin, alpha 8	1,1
12873789	508405	ANKRD17	ankyrin repeat domain 17	1,1
12716539	536936	SUV39H2	suppressor of variegation 3-9 homolog 2 (Drosophila)	1,1
12711702	510359	TSC22D1	TSC22 domain family, member 1	1,1
12820519	535342	SLK	STE20-like kinase (yeast)	1,1
12900853	533179	MGC148355	UPF0708 protein C6orf162 homolog	1,1
12779439	617280	ARHGEF19	Rho guanine nucleotide exchange factor (GEF) 19	1,1
12835178	783700	GPR152	G protein-coupled receptor 152	1,1
12730888	282052	RPS25	ribosomal protein S25	1,1
12881368	540608	NXNL1	nucleoredoxin-like 1	1,1
12832608	100336925	LOC100336925	mucin 2-like	1,1
12739091	508464	GOLT1A	golgi transport 1 homolog A (S. cerevisiae)	1,1
12864413	407098	CD4	CD4 molecule	1,1
12901426	616830	RPL23A	similar to ribosomal protein L23a	1,1
12730066	618173	LOC618173	similar to olfactory receptor Olfr543	1,1
12816761	515399	STAG3	stromal antigen 3	1,1
12890288	514807	HABP4	hyaluronan binding protein 4	1,1
12880759	536625	EVI5L	ecotropic viral integration site 5-like	1,1
12902320	100140827	LOC100140827	similar to thymosin, beta 4	1,1
12848842	280836	LEP	leptin	1,1
12881016	538520	POU4F3	POU class 4 homeobox 3	1,1
12697903	100036592	FUT7	fucosyltransferase 7 (alpha (1,3) fucosyltransferase)	1,1
12755213	100140699	LOC100140699	similar to zinc finger protein 256	1,1
12692472	784904	LOC784904	T-cell receptor alpha	1,1
12760130	789616	ZNF524	zinc finger protein 524	1,1
12885485	515416	GLRXL	glutaredoxin (thioltransferase)-like	1,1
12794659	505670	TMEM89	transmembrane protein 89	1,1
12740359	534587	LOC534587	similar to lin-9 homolog (C. elegans)	1,1
12803524	614970	LOC614970	histone cluster 1, H2	1,1
12731563	509003	NUCB2	nucleobindin 2	1,1
12881859	616651	LOC616651	similar to olfactory receptor Olr1455	1,1
12896338	100299449	LOC100299449	similar to cannabinoid receptor 1 (brain)	1,1
12910436	781486	LOC781486	similar to melanoma antigen family B, 2	1,1

12879086	514650	FABP6	fatty acid binding protein 6, ileal	1,1
12864238	286800	CACNG2	calcium channel, voltage-dependent, gamma subunit 2	1,1
12772868	616425	SUPT4H1	suppressor of Ty 4 homolog 1 (S. cerevisiae)	1,1
12692946	100296163	LOC100296163	hypothetical protein LOC100296163	1,1
12825175	518839	RAB11FIP1	RAB11 family interacting protein 1 (class I)	1,1
12755466	100335305	LOC100335305	ribosomal protein S29-like	1,1
12886391	531802	NCLN	nicalin homolog (zebrafish)	1,1
12863659	100313367	MIR196A-2	microRNA mir-196a-2	1,1
12777867	534542	KCNH7	potassium voltage-gated channel, subfamily H (eag-related), member 7	1,1
12885797	521914	LOC521914	similar to hCG1791432	1,1
12785760	518884	TERT	telomerase reverse transcriptase	1,1
12835505	100295232	LOC100295232	hypothetical protein LOC100295232	1,1
12730564	100313031	MIR326	microRNA mir-326	1,1
12846029	531384	HES6	hairy and enhancer of split 6 (Drosophila)	1,1
12692907	100295587	LOC100295587	hypothetical protein LOC100295587	1,1
12805244	510032	TFEB	transcription factor EB	1,1
12901293	541260	VGLL2	vestigial like 2 (Drosophila)	1,1
12904728	529211	LOC529211	similar to aristaless related homeobox gene (Drosophila)	1,1
12871075	515321	BDH2	3-hydroxybutyrate dehydrogenase, type 2	1,1
12862897	782059	SCYL2	SCY1-like 2 (S. cerevisiae)	1,1
12724318	338034	MYBL1	v-myb myeloblastosis viral oncogene homolog (avian)-like 1	1,1
12705176	510602	HAAO	3-hydroxyanthranilate 3,4-dioxygenase	1,1
12848529	100298291	LOC100298291	hypothetical LOC100298291	1,1
12703997	282124	VSNL1	visinin-like 1	1,1
12854021	512867	GIMAP1	GTPase, IMAP family member 1	1,1
12816804	515663	NME3	non-metastatic cells 3, protein expressed in	1,1
12818656	788842	LOC788842	similar to RIKEN cDNA 6430598A04 gene	1,1
12818385	618295	BCL7C	B-cell CLL/lymphoma 7C	1,1
12793045	532150	MCTP2	multiple C2 domains, transmembrane 2	1,1
12901743	100300204	LOC100300204	similar to ATPase, Cu ⁺⁺ transporting, alpha polypeptide	1,1
12695066	517186	LRRC16B	leucine rich repeat containing 16B	1,1
12853224	360007	TFPI2	tissue factor pathway inhibitor 2	1,1
12818070	539811	VPS37D	vacuolar protein sorting 37 homolog D (S. cerevisiae)	1,1
12874856	532785	HADH	hydroxyacyl-Coenzyme A dehydrogenase	1,1
12741675	100140233	DPPA4	developmental pluripotency associated 4	1,1
12812274	511692	TRAF7	TNF receptor-associated factor 7	1,1
12909777	539402	SPRY3	sprouty homolog 3 (Drosophila)	1,1
12736764	534964	INTS7	integrator complex subunit 7	1,1
12870473	504813	NPY1R	neuropeptide Y receptor Y1	1,1
12690206	528834	CIDEB	cell death-inducing DFFA-like effector b	1,1
12697969	100139773	LOC100139773	hypothetical LOC100139773	1,1
12703901	281780	GGTA1	alpha-galactosyltransferase 1 (glycoprotein)	1,1
12741720	100297087	LOC100297087	similar to pre-B lymphocyte gene 2	1,1
12874951	533206	PDS5A	PDS5, regulator of cohesion maintenance, homolog A (S. cerevisiae)	1,1
12759635	618604	CBLN1	cerebellin 1 precursor	1,1
12845584	526890	SLC5A9	solute carrier family 5 (sodium/glucose cotransporter), member 9	1,1
12807728	507703	SKA1	spindle and kinetochore associated complex subunit 1	1,1
12873330	286872	MSX1	msh homeobox 1	1,1
12856546	100336632	LOC100336632	inositol 1,4,5-trisphosphate receptor type 2-like	1,1
12800396	614114	LOC614114	similar to cytochrome c oxidase subunit VIb	1,1
12870973	514394	UCHL1	ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase)	1,1
12716976	615037	BMP2	bone morphogenetic protein 2	1,1

12784635	784202	PPP1R1C	protein phosphatase 1, regulatory (inhibitor) subunit 1C	1,1
12770765	518494	GPS2	G protein pathway suppressor 2	1,1
12793632	574093	CRIP1	cysteine-rich protein 1 (intestinal)	1,1
12861481	537784	PKP2	plakophilin 2	1,1
12764741	538004	NAGS	N-acetylglutamate synthase	1,1
12910332	618023	LOC618023	similar to mCG1035526	1,1
12741571	789197	LOC789197	similar to preferentially expressed antigen in melanoma	1,1
12854617	521998	ZNF746	zinc finger protein 746	1,1
12840567	538901	KTI12	KTI12 homolog, chromatin associated (<i>S. cerevisiae</i>)	1,1
12868782	618816	LOC618816	similar to olfactory receptor Olr879	1,1
12759102	614210	RNF166	ring finger protein 166	1,1
12801799	512743	LY6G6E	lymphocyte antigen 6 complex, locus G6E	1,1
12828740	539903	ATOH7	atonal homolog 7 (<i>Drosophila</i>)	1,1
12865865	514220	TMEM184B	transmembrane protein 184B	1,1
12699345	507721	LOC507721	similar to olfactory receptor Olr434	1,1
12857494	407142	COL2A1	collagen, type II, alpha 1	1,1
12703141	782932	LOC782932	similar to Chromosome 2 open reading frame 53	1,1
12782012	521089	CCNT2	cyclin T2	1,1
12774837	338073	NDUFB3	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 3, 12kDa	1,1
12708748	100140301	GJA3	gap junction protein, alpha 3, 46kDa	1,1
12879239	516078	SNAPC2	small nuclear RNA activating complex, polypeptide 2, 45kDa	1,1
12841307	616319	LOC616319	similar to SLC25A3 protein	1,1
12756507	508086	LOC508086	similar to F-box protein 27	1,1
12728370	521676	LOC521676	similar to olfactory receptor 551	1,1
12835474	100139952	GFI1	growth factor independent 1 transcription repressor	1,1
12803631	617275	CCDC72	coiled-coil domain containing 72	1,1
12745231	100313371	MIR301B	microRNA mir-301b	1,1
12683912	505743	MRAP	melanocortin 2 receptor accessory protein	1,1
12907992	511699	CLCN4	chloride channel 4	1,1
12710288	537533	DGKH	diacylglycerol kinase, eta	1,1
12785813	522049	CDC20B	cell division cycle 20 homolog B (<i>S. cerevisiae</i>)	1,1
12729979	615998	LOC615998	similar to olfactory receptor Olr325	1,1
12899209	100301244	LOC100301244	hypothetical protein LOC100301244	1,1
12711556	508222	CPB2	carboxypeptidase B2 (plasma)	1,1
12844388	512427	NASP	nuclear autoantigenic sperm protein (histone-binding)	1,1
12699959	514427	SLC27A4	solute carrier family 27 (fatty acid transporter), member 4	1,1
12810866	100135053	ZNF771	zinc finger protein 771	1,1
12740649	539085	VASH2	vasohibin 2	1,1
12805611	514369	NFKBIL1	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor-like 1	1,1
12770219	514005	PPM1D	protein phosphatase 1D magnesium-dependent, delta isoform	1,1
12882896	100337014	LOC100337014	hypothetical protein LOC100337014	1,1
12903549	508458	ASMTL	acetylserotonin O-methyltransferase-like	1,1
12885803	522467	WNT3A	wingless-type MMTV integration site family, member 3A	1,1
12802216	517420	GLP1R	glucagon-like peptide 1 receptor	1,1
12814859	100139697	IFT140	intraflagellar transport 140 homolog (<i>Chlamydomonas</i>)	1,1
12738449	280909	REN	renin	1,1
12830924	517514	DBX1	developing brain homeobox 1	1,1
12748091	615582	GGT1	gamma-glutamyltransferase 1	1,1
12812849	517007	CTHF18	CTF18, chromosome transmission fidelity factor 18 homolog (<i>S. cerevisiae</i>)	1,1
12802165	515933	RNF8	ring finger protein 8	1,1
12901701	100298705	LOC100298705	hypothetical protein LOC100298705	1,1

12766945	100337349	LOC100337349	homeobox B8-like	1,1
12707227	537404	SMYD1	SET and MYND domain containing 1	1,1
12749816	504318	GAS8	growth arrest-specific 8	1,1
12770183	513812	SYNGR2	synaptogyrin 2	1,1
12695873	531209	PLA2G4D	phospholipase A2, group IVD (cytosolic)	1,1
12827415	100125310	B3GALNT2	beta-1,3-N-acetylgalactosaminyltransferase 2	1,1
12766919	100337199	LOC100337199	carboxypeptidase D-like	1,1
12816646	513878	WBSCR22	Williams Beuren syndrome chromosome region 22 protein	1,1
12901984	537684	MYT1L	myelin transcription factor 1-like	1,1
12760877	281977	PDE6G	phosphodiesterase 6G, cGMP-specific, rod, gamma	1,1
12755637	280987	AGRP	agouti related protein homolog (mouse)	1,1
12689881	523131	TNFAIP8L3	tumor necrosis factor, alpha-induced protein 8-like 3	1,1
12905365	539471	MORC4	MORC family CW-type zinc finger 4	1,1
12785489	510246	PAIP1	poly(A) binding protein interacting protein 1	1,1
12680046	512177	ZDHHC23	zinc finger, DHHC-type containing 23	1,1
12695620	527826	LOC527826	similar to TRDV2S1	1,1
12895049	539914	XKR6	XK, Kell blood group complex subunit-related family, member 6	1,1
12824739	100336407	LOC100336407	SAP90/PSD-95 associated protein 2-like	1,1
12821940	510761	LOC510761	similar to Slit homolog 1 (Drosophila)	1,1
12754438	782118	BOSTAUV1R433	vomeroneasal 1 receptor bosTauV1R433	1,1
12810210	533735	MIB1	mindbomb homolog 1 (Drosophila)	1,1
12771930	535946	LOC535946	similar to CG4699 CG4699-PA	1,1
12853963	512632	DENND2A	DENN/MADD domain containing 2A	1,1
12838651	516323	TCTEX1D4	Tctex1 domain containing 4	1,1
12737791	788407	MGC148609	hypothetical protein LOC788407	1,1
12906046	782436	LAGE3	L antigen family, member 3	1,1
12836363	504323	THBS3	thrombospondin 3	1,1
12749655	404171	SLC12A3	solute carrier family 12 (sodium/chloride transporters), member 3	1,1
12720367	533516	RBM38	RNA binding motif protein 38	1,1
12705272	511079	ASTL	astacin-like metallo-endopeptidase (M12 family)	1,1
12788177	540063	FAM44B	family with sequence similarity 44, member B	1,1
12733908	785069	LOC785069	similar to seven transmembrane helix receptor	1,1
12792677	518488	ITPK1	inositol 1,3,4-triphosphate 5/6 kinase	1,1
12792733	520039	RASGRF1	Ras protein-specific guanine nucleotide-releasing factor 1	1,1
12791375	786913	ISL2	ISL LIM homeobox 2	1,1
12749756	493717	NLRP5	NLR family, pyrin domain containing 5	1,1
12876741	280718	AMH	anti-Mullerian hormone	1,1
12702584	614899	LOC614899	similar to chromosome 9 open reading frame 96	1,1
12761154	282522	SERPINF2	serpin peptidase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 2	1,1
12803925	784682	LOC784682	similar to predicted protein	1,1
12835285	789503	LOC789503	similar to Mucin-5B precursor (Mucin-5 subtype B, tracheobronchial) (High molecular weight salivary mucin MG1) (Sublingual gland mucin) (Cervical mucin)	1,1
12885292	513493	MYO9B	myosin IXB	1,1
12699817	513245	LOC513245	similar to ribosomal protein S23	1,1
12906595	100313359	MIR105A	microRNA mir-105a	1,1
12800518	616532	LOC616532	hypothetical LOC616532	1,1
12844309	512154	PASK	PAS domain containing serine/threonine kinase	1,1
12800670	783221	CHCHD5	coiled-coil-helix-coiled-coil-helix domain containing 5	1,1
12884448	508965	C7H19orf25	chromosome 19 open reading frame 25 ortholog	1,1
12799059	515034	IRAK2	interleukin-1 receptor-associated kinase 2	1,1
12865213	510082	PRPH	peripherin	1,1
12737769	787231	RD3	retinal degeneration 3	1,1
12704352	505680	PTRH1	peptidyl-tRNA hydrolase 1 homolog (S. cerevisiae)	1,1

12760136	789715	LOC789715	similar to zinc finger protein 17	1,1
12875710	615107	CXCL10	chemokine (C-X-C motif) ligand 10	1,1
12758672	534859	B3GNT8	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 8	1,1
12739953	525795	AGRN	agrin	1,1
12901816	280977	ACP1	acid phosphatase 1, soluble	1,1
12796312	532774	SLC6A20	solute carrier family 6 (proline IMINO transporter), member 20	1,1
12768562	507664	TRPV2	transient receptor potential cation channel, subfamily V, member 2	1,1
12815525	505086	LOC505086	similar to zinc finger protein 598	1,1
12703269	786610	LOC786610	similar to olfactory receptor 366	1,1
12836023	282343	S100A4	S100 calcium binding protein A4	1,1
12694580	511709	LOC511709	similar to myeloid cell leukemia sequence 1	1,1
12805014	506214	BOLA-DRA	major histocompatibility complex, class II, DR alpha	1,1
12879672	522521	ARHGEF18	rho/rac guanine nucleotide exchange factor (GEF) 18	1,1
12793521	539126	NTRK3	neurotrophic tyrosine kinase, receptor, type 3	1,1
12753783	615866	CBLC	Cas-Br-M (murine) ecotropic retroviral transforming sequence c	1,1
12801160	282157	BTN1A1	butyrophilin, subfamily 1, member A1	1,1
12895769	782674	NOL6	nucleolar protein family 6 (RNA-associated)	1,1
12779986	100335775	LOC100335775	transmembrane protein 167A-like	1,1
12869291	786159	NCAPD2	non-SMC condensin I complex, subunit D2	1,1
12824617	784372	LOC784372	similar to Homeobox protein Nkx-6.3	1,1
12797921	100337318	LOC100337318	MGC84343 protein-like	1,1
12777117	524236	LOC524236	similar to histone, H2A	1,1
12708581	785768	RANBP2	RAN binding protein 2	1,1
12755134	100139567	SYCN	syncollin	1,1
12781518	514263	TMEM39B	transmembrane protein 39B	1,1
12683022	100313400	MIR1248-1	microRNA mir-1248-1	1,1
12717873	100335578	LOC100335578	hypothetical protein LOC100335578	1,1
12811025	100296463	LOC100296463	similar to heparan sulfate D-glucosaminyl 3-O-sulfotransferase 3A1	1,1
12889215	286812	GULO	L-gulono-gamma-lactone oxidase	1,1
12910479	782639	LOC782639	similar to ribosomal protein L21	1,1
12904529	524183	TMEM164	transmembrane protein 164	1,1
12887146	538963	F2RL3	coagulation factor II (thrombin) receptor-like 3	1,1
12839030	522691	TTC22	tetratricopeptide repeat domain 22	1,1
12868883	767915	C12orf54	chromosome 12 open reading frame 54 ortholog	1,1
12764263	532189	LOC532189	similar to Carboxypeptidase D precursor (Metallo-carboxypeptidase D) (gp180)	1,1
12822370	519120	PYROXD2	pyridine nucleotide-disulphide oxidoreductase domain 2	1,1
12701729	536077	FBXO41	F-box protein 41	1,1
12780040	100336775	LOC100336775	even skipped homeotic gene 2 homolog-like	1,1
12735189	506867	NSL1	NSL1, MIND kinetochore complex component, homolog (S. cerevisiae)	1,1
12807785	509847	CBLN2	cerebellin 2 precursor	1,1
12876473	100299615	LOC100299615	hypothetical LOC100299615	1,1
12862031	540730	ASCL4	achaete-scute complex homolog 4 (Drosophila)	1,1
12856666	100337066	LOC100337066	wingless-type MMTV integration site family, member 7B-like	1,1
12892205	786270	LOC786270	similar to zygote arrest 1-like protein	1,1
12698837	493716	IL18RAP	interleukin 18 receptor accessory protein	1,1
12786137	535328	CCL28	chemokine (C-C motif) ligand 28	1,1
12707854	613898	CENP-A	CENP-A protein	1,1
12754141	618246	LOC618246	similar to sialic acid binding Ig-like lectin 10	1,1
12879334	518266	PSPN	persephin	1,1
12768696	508229	MYO19	myosin XIX	1,1

12901323	574400	SF3B5	splicing factor 3b, subunit 5, 10kDa	1,1
12732069	513948	LOC513948	similar to Olfactory receptor 5B2 (Olfactory receptor OR11-240) (OST073)	1,1
12782280	523479	ABCA12	ATP-binding cassette, sub-family A (ABC1), member 12	1,1
12905885	617197	LOC617197	similar to chromosome X open reading frame 40	1,1
12686049	537640	HUNK	hormonally up-regulated Neu-associated kinase	1,1
12831968	617765	LOC617765	similar to pregnancy-associated glycoprotein 8	1,1
12713423	100313406	MIR2307	microRNA mir-2307	1,1
12813719	539084	SLC5A11	solute carrier family 5 (sodium/glucose cotransporter), member 11	1,1
12801810	513252	BAT5	HLA-B associated transcript 5	1,1
12717468	784160	LOC784160	similar to ribosomal protein S13	1,1
12721548	100313071	MIR584-1	microRNA mir-584-1	1,1
12735959	520080	C16H1orf170	chromosome 1 open reading frame 170 ortholog	1,1
12812341	512094	ALKBH4	alkB, alkylation repair homolog 4 (E. coli)	1,1
12720027	525796	CDH4	cadherin 4, type 1, R-cadherin (retinal)	1,1
12693943	505848	LOC505848	similar to transcriptional regulating factor 1	1,1
12893344	510819	LOC510819	similar to kinesin family member 12	1,1
12788317	613880	LOC613880	similar to Heat-responsive protein 12	1,1
12704344	505435	C11H9ORF142	chromosome 9 open reading frame 142 ortholog	1,1
12682999	100300014	LOC100300014	hypothetical protein LOC100300014	1,1
12890780	527124	CDKN2B	cyclin-dependent kinase inhibitor 2B (p15, inhibits CDK4)	1,1
12737971	100296151	LOC100296151	hypothetical protein LOC100296151	1,1
12848016	783259	LOC783259	hypothetical LOC783259	1,1
12866607	523073	KRT85	keratin 85	1,1
12808043	526872	ANKRD29	ankyrin repeat domain 29	1,1
12806872	618133	SUPT3H	suppressor of Ty 3 homolog (S. cerevisiae)	1,1
12721352	788133	LOC788133	hypothetical protein LOC788133	1,1
12847021	540581	GPR61	G protein-coupled receptor 61	1,1
12880272	529327	RELL2	RELT-like 2	1,1
12808537	539292	PARD6G	par-6 partitioning defective 6 homolog gamma (C. elegans)	1,1
12792063	507686	SLC25A29	solute carrier family 25, member 29	1,1
12731356	506332	LOC506332	similar to Olfactory receptor 557	1,1
12717216	618574	BPIL1	bactericidal/permeability-increasing protein-like 1	1,1
12797916	100337217	LOC100337217	hypothetical protein LOC100337217	1,1
12715928	527903	VSTM2L	V-set and transmembrane domain containing 2 like	1,1
12749951	504736	CCDC135	coiled-coil domain containing 135	1,1
12878145	507936	UBXN6	UBX domain protein 6	1,1
12812019	508088	NDE1	nudE nuclear distribution gene E homolog 1 (A. nidulans)	1,1
12874436	518991	TMEM129	transmembrane protein 129	1,1
12693575	282656	RPGRIP1	retinitis pigmentosa GTPase regulator interacting protein 1	1,1
12814099	617449	CLDN9	claudin 9	1,1
12783515	538659	TSSK3	testis-specific serine kinase 3	1,1
12842244	100138911	LOC100138911	hypothetical protein LOC100138911	1,1
12702049	539229	LOC539229	similar to Protein FAM69B	1,1
12766391	789755	CD300LB	CD300 molecule-like family member b	1,1
12881997	618425	LINGO3	leucine rich repeat and Ig domain containing 3	1,1
12843470	506682	FLAD1	FAD1 flavin adenine dinucleotide synthetase homolog (S. cerevisiae)	1,1
12871503	530642	DCK	deoxycytidine kinase	1,1
12735522	513419	NADK	NAD kinase	1,1
12855975	616526	BET1	blocked early in transport 1 homolog (S. cerevisiae)	1,1
12874038	511618	LRIT3	leucine-rich repeat, immunoglobulin-like and transmembrane domains 3	1,1

12679004	504643	MUC20	mucin 20, cell surface associated	1,1
12868156	540871	9-Mar	membrane-associated ring finger (C3HC4) 9	1,1
12795090	509537	GRIP2	glutamate receptor interacting protein 2	1,1
12759332	616905	XRCC1	X-ray repair complementing defective repair in Chinese hamster cells 1	1,1
12902568	100313458	MIR764	microRNA mir-764	1,1
12791294	767976	AMN	amniotless homolog (mouse)	1,1
12839149	524536	SYDE2	synapse defective 1, Rho GTPase, homolog 2 (C. elegans)	1,1
12734004	788363	LOC788363	similar to hCG1991759	1,1
12822961	539144	FRAT2	frequently rearranged in advanced T-cell lymphomas 2	1,1
12894914	538903	SIGMAR1	sigma non-opioid intracellular receptor 1	1,1
12727753	513462	SIDT2	SID1 transmembrane family, member 2	1,1
12821251	100313188	MIR2395	microRNA mir-2395	1,1
12866178	515878	ORMDL2	ORM1-like 2 (S. cerevisiae)	1,1
12878088	507437	PTGER1	prostaglandin E receptor 1 (subtype EP1), 42kDa	1,1
12698264	100336497	LOC100336497	calsenilin, presenilin-binding protein, EF hand transcription factor-like	1,1
12763115	513538	NPTX1	neuronal pentraxin I	1,1
12860018	519958	MAP3K7IP1	mitogen-activated protein kinase kinase kinase 7 interacting protein 1	1,1
12791087	614156	INSM2	insulinoma-associated 2	1,1
12752368	525427	ELMO3	engulfment and cell motility 3	1,1
12755115	100138962	EXOSC5	exosome component 5	1,1
12793037	531926	RCCD1	RCC1 domain containing 1	1,1
12820450	534183	LHPP	phospholysine phosphohistidine inorganic pyrophosphate phosphatase	1,1
12839109	524380	ESPNL	espin-like	1,1
12831948	617375	POLR2L	polymerase (RNA) II (DNA directed) polypeptide L, 7.6kDa	1,1
12841878	787068	INSRR	insulin receptor-related receptor	1,1
12877563	504718	GADD45GIP1	growth arrest and DNA-damage-inducible, gamma interacting protein 1	1,1
12688643	508238	GCSH	glycine cleavage system protein H (aminomethyl carrier)	1,1
12902566	100313383	MIR502B	microRNA mir-502b	1,1
12856395	100297677	LOC100297677	similar to leucine-rich repeats and transmembrane domains 1	1,1
12804382	280845	LTA	lymphotoxin alpha (TNF superfamily, member 1)	1,1
12858363	506953	ITGA7	integrin, alpha 7	1,1
12687803	100313323	MIR1248-2	microRNA mir-1248-2	1,1
12902560	100313273	MIR584-8	microRNA mir-584-8	1,1
12766901	100337117	LOC100337117	otopetrin 3-like	1,1
12715337	517909	SGK2	serum/glucocorticoid regulated kinase 2	1,1
12786816	100337039	LOC100337039	KPL2 protein-like	1,1
12886412	531968	RNF44	ring finger protein 44	1,1
12678746	282113	UPK1B	uroplakin 1B	1,1
12797730	100295532	LOC100295532	hypothetical protein LOC100295532	1,1
12742122	493999	DIABLO	diablo homolog (Drosophila)	1,1
12890194	512981	EPB49	erythrocyte membrane protein band 4.9 (dematin)	1,1
12772161	538931	MGC133554	similar to MAK31-like protein	1,1
12851630	539550	NPC1L1	NPC1 (Niemann-Pick disease, type C1, gene)-like 1	1,1
12704200	407222	ST6GALNAC6	ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-acetyl-galactosaminide alpha-2,6-sialyltransferase 6	1,1
12773569	788228	LOC788228	similar to keratin associated protein 4-12	1,1
12879314	517192	JUND	jun D proto-oncogene	1,1
12806901	618612	CRISP3	cysteine-rich secretory protein 3	1,1
12813690	538238	PLK1	polo-like kinase 1 (Drosophila)	1,1

12906508	100298410	LOC100298410	similar to NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 8, 19kDa	1,1
12901707	100299957	LOC100299957	similar to isocitrate dehydrogenase 3 (NAD+) alpha	1,1
12679618	509723	ARPM1	actin related protein M1	1,1
12811249	100336964	LOC100336964	hypothetical protein LOC100336964	1,1
12895578	767934	MGC127919	hypothetical protein MGC127919	1,1
12701397	534258	PRRX2	paired related homeobox 2	1,1
12761945	506648	SLC47A2	solute carrier family 47, member 2	1,1
12738902	506390	EXO1	exonuclease 1	1,1
12877237	286885	UQCRQ	low molecular mass ubiquinone-binding protein (9.5kD)	1,1
12738154	100336252	LOC100336252	hypothetical protein LOC100336252	1,1
12755803	282089	TGFB1	transforming growth factor, beta 1	1,1
12714352	507226	TPX2	TPX2, microtubule-associated, homolog (Xenopus laevis)	1,1
12859321	513312	NACA	nascent polypeptide-associated complex alpha subunit	1,1
12682584	618078	GALNTL2	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase-like 2	1,1
12864314	337887	ATP5G2	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C2 (subunit 9)	1,1
12829276	100336886	LOC100336886	hypothetical protein LOC100336886	1,1
12885197	513010	CREB3L3	cAMP responsive element binding protein 3-like 3	1,1
12693208	100335264	LOC100335264	hypothetical protein LOC100335264	1,1
12714006	504360	ACOT8	acyl-CoA thioesterase 8	1,1
12771970	536311	KRT35	keratin 35	1,1
12742013	282206	CRYBB3	crystallin, beta B3	1,1
12687970	281177	FUT8	fucosyltransferase 8 (alpha (1,6) fucosyltransferase)	1,1
12866107	515362	EMG1	EMG1 nucleolar protein homolog (S. cerevisiae)	1,1
12901429	616869	FRMD1	FERM domain containing 1	1,1
12724511	506831	LOC506831	similar to mCG141688	1,1
12867245	534520	LOC534520	hypothetical LOC534520	1,1
12781333	511571	RNF25	ring finger protein 25	1,1
12858180	506561	AAAS	achalasia, adrenocortical insufficiency, alacrimia (Allgrove, triple-A)	1,1
12812133	509540	LOC509540	hypothetical LOC509540	1,1
12815000	100300862	LOC100300862	similar to cardiotrophin 1	1,1
12765959	785855	HOXB8	homeobox B8	1,1
12824487	616111	GPR124	G protein-coupled receptor 124	1,1
12797177	617880	XCR1	chemokine (C motif) receptor 1	1,1
12689716	519277	IQCH	similar to IQ motif containing H	1,1
12895224	613717	KCTD9	potassium channel tetramerisation domain containing 9	1,1
12868441	615451	LOC615451	similar to keratin, hair, basic, 1	1,1
12736592	532572	LAMC1	laminin, gamma 1 (formerly LAMB2)	1,1
12817678	532273	SYT17	synaptotagmin XVII	1,1
12857367	327676	ARHGDIB	Rho GDP dissociation inhibitor (GDI) beta	1,1
12874122	513131	CTBP1	C-terminal binding protein 1	1,1
12896979	508306	MICAL1	microtubule associated monooxygenase, calponin and LIM domain containing 1	1,1
12733016	538693	LOC538693	hypothetical LOC538693	1,1
12832037	664650	ASCL2	achaete-scute complex homolog 2 (Drosophila)	1,1
12872821	100140312	SLC26A1	solute carrier family 26 (sulfate transporter), member 1	1,1
12760638	280844	LPO	lactoperoxidase	1,1
12771484	531979	WFIKKN2	WAP, follistatin/kazal, immunoglobulin, kunitz and netrin domain containing 2	1,1
12844899	515418	CD1A	CD1a molecule	1,1
12901767	100298828	LOC100298828	similar to HtrA serine peptidase 1	1,1
12852601	100140069	WDR86	WD repeat domain 86	1,1
12765572	617051	H3F3B	similar to Histone H3.3B CG8989-PA	1,1
12901933	100299831	LOC100299831	similar to histone cluster 1, H2ad	1,1

12831198	526320	POLR2G	polymerase (RNA) II (DNA directed) polypeptide G	1,1
12815296	326600	ARPC1B	actin related protein 2/3 complex, subunit 1B, 41kDa	1,1
12749523	282637	CDH1	cadherin 1, type 1, E-cadherin (epithelial)	1,1
12765617	617776	LOC617776	hypothetical LOC617776	1,1
12703236	785455	LOC785455	similar to thymosin, beta 4	1,1
12807210	789063	PSMG4	proteasome (prosome, macropain) assembly chaperone 4	1,1
12904435	523047	SUV39H1	suppressor of variegation 3-9 homolog 1 (Drosophila)	1,1
12723980	100298824	LOC100298824	hypothetical protein LOC100298824	1,1
12701126	529071	PAPOLG	poly(A) polymerase gamma	1,1
12702578	614629	BOLA3	bolA homolog 3 (E. coli)	1,1
12719717	519501	COL20A1	collagen, type XX, alpha 1	1,1
12883582	408008	KCNN1	potassium intermediate/small conductance calcium-activated channel, subfamily N, member 1	1,1
12750687	509802	SNRPA	small nuclear ribonucleoprotein polypeptide A	1,1
12902322	100140878	LOC100140878	similar to ribosomal protein P1	1,1
12892865	445419	FZD3	frizzled homolog 3 (Drosophila)	1,1
12786653	780867	C5orf28	transmembrane protein C5orf28 homolog	1,1
12801746	512468	GCLC	glutamate-cysteine ligase, catalytic subunit	1,1
12687779	100297536	LOC100297536	hypothetical protein LOC100297536	1,1
12724666	509113	LOC509113	similar to brain protein 16	1,1
12690062	527160	LOC527160	similar to CG9426 CG9426-PA	1,1
12837680	511220	ARHGEF11	Rho guanine nucleotide exchange factor (GEF) 11	1,1
12749121	100336711	LOC100336711	leukocyte immunoglobulin-like receptor, subfamily B, member 5-like	1,1
12872649	781090	LOC781090	similar to ribosomal protein L10	1,1
12832085	768031	MGC137255	hypothetical protein MGC137255	1,1
12850039	511918	ARF5	ADP-ribosylation factor 5	1,1
12764142	530263	RFFL	ring finger and FYVE-like domain containing 1	1,1
12901911	517087	RNH1	ribonuclease/angiogenin inhibitor 1	1,1
12804661	282654	TNXB	tenascin XB	1,1
12896355	100336255	LOC100336255	hypothetical protein LOC100336255	1,1
12737308	615506	MOSC2	MOCO sulphurase C-terminal domain containing 2	1,1
12797153	617668	GP9	glycoprotein IX (platelet)	1,1
12794295	100336474	LOC100336474	RAB11B, member RAS oncogene family-like	1,1
12789747	511269	AK7	adenylate kinase 7	1,1
12715895	527595	MCM10	minichromosome maintenance complex component 10	1,1
12796132	526885	DALRD3	DALR anticodon binding domain containing 3	1,1
12828484	534217	AIFM2	apoptosis-inducing factor, mitochondrion-associated, 2	1,1
12878488	510079	LOC510079	similar to hCG1811317	1,1
12846359	534256	CLCA2	chloride channel accessory 2	1,1
12778555	539713	BCS1L	BCS1-like (yeast)	1,1
12725930	540235	TPD52	tumor protein D52	1,1
12804884	504870	ACOT13	acyl-CoA thioesterase 13	1,1
12872642	780876	MAD2	mitotic checkpoint component Mad2	1,1
12856496	100336102	LOC100336102	uroplakin-3a-like	1,1
12834516	535868	BRSK2	BR serine/threonine kinase 2	1,1
12834051	520058	MAP4K2	mitogen-activated protein kinase kinase kinase kinase 2	1,1
12773965	100298143	LOC100298143	hypothetical protein LOC100298143	1,1
12784189	614724	LOC614724	similar to chromosome 1 open reading frame 130	1,1
12811116	100300830	LOC100300830	similar to sperm associated antigen 4-like	1,1
12702404	541185	LOC541185	similar to Chromosome 2 open reading frame 65	1,1
12785216	506200	CLPTM1L	CLPTM1-like	1,1
12693564	282329	PTGER2	prostaglandin E receptor 2 (subtype EP2), 53kDa	1,1
12745756	505519	MYL2	myosin, light chain 2, regulatory, cardiac, slow	1,1
12907402	504533	UBL4A	ubiquitin-like 4A	1,1
12846069	532383	FOXD3	forkhead box D3	1,1

12697421	618552	LOC618552	similar to LOC784904 protein	1,1
12760874	281820	HOXB7	homeobox B7	1,1
12688241	327694	EIF2S1	eukaryotic translation initiation factor 2, subunit 1 alpha, 35kDa	1,1
12880728	536359	AP3S1	adaptor-related protein complex 3, sigma 1 subunit	1,1
12733869	783660	PRG3	proteoglycan 3	1,1
12875339	538691	HS3ST1	heparan sulfate (glucosamine) 3-O-sulfotransferase 1	1,1
12856485	100313470	MIR135A-2	microRNA mir-135a-2	1,1
12844375	512417	SLC22A15	solute carrier family 22, member 15	1,1
12724226	281387	PENK	proenkephalin	1,1
12821238	100299737	LOC100299737	hypothetical protein LOC100299737	1,1
12826971	540644	SAMD8	sterile alpha motif domain containing 8	1,1
12777446	530430	INHBB	inhibin, beta B	1,1
12828419	532798	LOC532798	similar to Uncharacterized protein C1orf96	1,1
12807064	783311	LOC783311	similar to olfactory receptor 1365	1,1
12779348	616738	C2H1orf201	chromosome 1 open reading frame 201 ortholog	1,1
12710943	100139804	LOC100139804	similar to cell division cycle 42	1,1
12751837	515654	ATF5	activating transcription factor 5	1,1
12800313	613635	C22H3orf14	chromosome 3 open reading frame 14 ortholog	1,1
12765867	782391	DCXR	dicarbonyl/L-xylulose reductase	1,1
12740020	526769	LOC526769	similar to protein tyrosine phosphatase, non-receptor type 11	1,1
12688655	508289	LOC508289	similar to olfactory receptor, family 6, subfamily S, member 1	1,1
12722553	517598	XKR4	XK, Kell blood group complex subunit-related family, member 4	1,1
12894167	521172	LOC521172	similar to CG2698 CG2698-PA	1,1
12757346	514859	AKT1S1	AKT1 substrate 1 (proline-rich)	1,1
12776160	510792	ATP13A2	ATPase type 13A2	1,1
12747829	539882	TUBA1B	tubulin, alpha 1b	1,1
12829377	280829	INS	insulin	1,1
12746475	513071	GNB1L	guanine nucleotide binding protein (G protein), beta polypeptide 1-like	1,1
12756421	506660	NTF4	neurotrophin 4	1,1
12699761	512289	MALL	mal, T-cell differentiation protein-like	1,1
12901824	100337381	LOC100337381	Sh3 domain YSC-like 1-like	1,1
12852621	100140685	LOC100140685	hypothetical protein LOC100140685	1,1
12730727	281053	CD3D	CD3d molecule, delta (CD3-TCR complex)	1,1
12862324	614880	PPM1H	protein phosphatase 1H (PP2C domain containing)	1,1
12754070	618039	APOC2	apolipoprotein C-II	1,1
12681751	538046	SCAND3	SCAN domain containing 3	1,1
12901769	100299343	LOC100299343	hypothetical protein LOC100299343	1,1
12733580	616473	GIN1	gypsy retrotransposon integrase 1	1,1
12754435	781914	FTSJD1	FtsJ methyltransferase domain containing 1	1,1
12794153	100139910	PRKAR2A	protein kinase, cAMP-dependent, regulatory, type II, alpha	1,1
12880017	526572	APC2	adenomatosis polyposis coli 2	1,1
12784696	786795	IKZF2	IKAROS family zinc finger 2 (Helios)	1,1
12717477	785323	LOC785323	similar to Ninein-like protein	1,1
12721577	100337278	LOC100337278	epiplakin 1-like	1,1
12793009	529593	GABRB3	gamma-aminobutyric acid (GABA) A receptor, beta 3	1,1
12733099	539124	TRAF6	TNF receptor-associated factor 6	1,1
12888371	787458	FBN3	fibrillin 3	1,1
12801577	509275	HIST1H1D	histone cluster 1, H1d	1,1
12772928	616824	GJD3	similar to gap junction protein, delta 3, 31.9kDa	1,1
12791534	100298625	LOC100298625	similar to myeloid-associated differentiation marker	1,1
12860246	522400	KRT80	keratin 80	1,1
12714580	509200	HNF4A	hepatocyte nuclear factor 4, alpha	1,1
12751936	517354	LOC517354	similar to fractalkine	1,1

12735125	506358	MRPL20	mitochondrial ribosomal protein L20	1,1
12803514	614701	SLC22A23	solute carrier family 22, member 23	1,1
12784551	782442	GPR17	G protein-coupled receptor 17	1,1
12743060	523257	VSIG10	V-set and immunoglobulin domain containing 10	1,1
12763846	525415	LOC525415	similar to C-C motif chemokine 3-like 1 precursor (Small-inducible cytokine A3-like 1) (Tonsillar lymphocyte LD78 beta protein) (LD78-beta(1-70)) (G0/G1 switch regulatory protein 19-2) (G0S19-2 protein) (PAT 464.2)	1,1
12699313	507398	SFTPB	surfactant protein B	1,1
12684614	514487	STX19	syntaxin 19	1,1
12690714	534811	ZWILCH	Zwilch, kinetochore associated, homolog (Drosophila)	1,1
12802312	520111	TRIM27	tripartite motif-containing 27	1,1
12839321	527470	RORC	RAR-related orphan receptor C	1,1
12721902	493733	FOXH1	forkhead box H1	1,1
12753777	615643	LOC615643	similar to hCG2040171	1,1
12682810	784775	AIRE	autoimmune regulator	1,1
12814103	617471	UPLP	uroplakin-3-like protein	1,1
12765809	767963	MGC134105	hypothetical protein MGC134105	1,1
12810359	537324	CDH7	cadherin 7, type 2	1,1
12678437	100337285	LOC100337285	nicotinamide mononucleotide adenylyltransferase 3-like	1,1
12902863	281510	SYN1	synapsin I	1,1
12776770	517812	MCM6	minichromosome maintenance complex component 6	1,1
12727165	506943	LOC506943	similar to macrophage expressed gene 1	1,1
12786759	100297586	LOC100297586	similar to cytochrome c oxidase subunit VIIb	1,1
12880011	526521	DOHH	deoxyhypusine hydroxylase/monooxygenase	1,1
12835528	100296849	LOC100296849	similar to nerve growth factor receptor (TNFRSF16) associated protein 1	1,1
12881518	613634	LSM4	LSM4 homolog, U6 small nuclear RNA associated (S. cerevisiae)	1,1
12878613	510803	PGLYRP2	peptidoglycan recognition protein 2	1,1
12789614	508724	FAH	fumarylacetoacetate hydrolase (fumarylacetoacetase)	1,1
12682700	782738	RPS6	ribosomal protein S6	1,1
12743071	523783	SLC35E4	solute carrier family 35, member E4	1,1
12882282	785865	LOC785865	similar to Olfactory receptor 7A5 (Olfactory receptor OR19-17) (Olfactory receptor TPCR92)	1,1
12720079	526835	NEURL2	neuralized homolog 2 (Drosophila)	1,1
12766588	100139217	LOC100139217	similar to hCG1818127	1,1
12840670	539546	FKBP1A	FK506 binding protein 1A, 12kDa	1,1
12835569	100299975	LOC100299975	similar to glycine cleavage system protein H (aminomethyl carrier)	1,1
12840815	540350	MYCL1	v-myc myelocytomatosis viral oncogene homolog 1, lung carcinoma derived (avian)	1,1
12899142	100125914	NT5DC1	5'-nucleotidase domain containing 1	1,1
12682948	100295610	LOC100295610	similar to mucin 13, cell surface associated	1,1
12748981	100299799	LOC100299799	similar to zinc finger protein 208	1,1
12682710	782812	RPS15A	ribosomal protein S15a	1,1
12769370	510540	NUP85	nucleoporin 85kDa	1,1
12708082	616323	LOC616323	similar to granulysin isoform NKG5	1,1
12818306	617180	WBSR28	Williams-Beuren syndrome chromosome region 28	1,1
12832695	282847	FAU	Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuSV) ubiquitously expressed	1,1
12887608	613384	CD74	CD74 molecule, major histocompatibility complex, class II invariant chain	1,1
12737187	540797	LHX4	LIM homeobox 4	1,1
12717717	100139180	MATN4	matrilin 4	1,1
12890035	510681	BSPRY	B-box and SPRY domain containing	1,1
12901677	100300473	LOC100300473	similar to CG2789	1,1
12807186	788824	WRNIP1	Werner helicase interacting protein 1	1,1

12751587	514231	ETV2	ets variant 2	1,1
12693478	281711	CPLX2	complexin 2	1,1
12726287	789021	LOC789021	similar to HC12887	1,1
12734031	791008	MIR139	microRNA mir-139	1,1
12773204	768085	RNF112	ring finger protein 112	1,1
12849486	497208	DNAH11	dynein, axonemal, heavy chain 11	1,1
12834265	528630	TRIM43	tripartite motif-containing 43	1,1
12747228	530739	LOC530739	similar to epidermis-specific serine protease-like protein	1,1
12807126	786706	LOC786706	similar to butyrophilin subfamily 1 member A1	1,1
12856159	784504	SP8	Sp8 transcription factor	1,1
12805762	515885	MRPS10	mitochondrial ribosomal protein S10	1,1
12905202	537560	RAB39B	RAB39B, member RAS oncogene family	1,1
12807039	782820	EGFL8	EGF-like-domain, multiple 8	1,1
12842429	100299981	FNDC7	fibronectin type III domain containing 7	1,1
12869358	787340	ANKRD33	ankyrin repeat domain 33	1,1
12888125	780788	ITGB1BP3	integrin beta 1 binding protein 3	1,1
12758956	540247	CMTM4	CKLF-like MARVEL transmembrane domain containing 4	1,1
12811038	100297046	LOC100297046	hypothetical protein LOC100297046	1,1
12827478	100313261	MIR346	microRNA mir-346	1,1
12765364	615299	LOC615299	similar to chromosome 17 open reading frame 53	1,1
12902388	100296237	LOC100296237	similar to Testis-specific A-kinase-anchoring-protein	1,1
12686760	614817	PSMG1	proteasome (prosome, macropain) assembly chaperone 1	1,1
12792239	510684	PIIP5K1	diphosphoinositol pentakisphosphate kinase 1	1,1
12753982	617703	UBE2S	ubiquitin-conjugating enzyme E2S	1,1
12715458	519845	TOX2	TOX high mobility group box family member 2	1,1
12779679	785395	SDHC	succinate dehydrogenase complex, subunit C, integral membrane protein, 15kDa	1,1
12699973	514460	PPP2R4	protein phosphatase 2A activator, regulatory subunit 4	1,1
12869573	100298355	LOC100298355	hypothetical protein LOC100298355	1,1
12804339	280678	C4A	complement component 4A	1,1
12895350	615852	LOC615852	similar to olfactory receptor Olr834	1,1
12735803	516589	LOC516589	similar to hCG1797874	1,1
12902068	100298603	LOC100298603	hypothetical LOC100298603	1,1
12827111	615849	RAB4A	RAB4A, member RAS oncogene family	1,1
12834206	525702	LOC525702	similar to ubiquitin specific protease 35	1,1
12778496	539162	NIPA1	non imprinted in Prader-Willi/Angelman syndrome 1	1,1
12682512	617104	LOC617104	growth and transformation-dependent protein	1,1
12824561	782543	LOC782543	similar to eukaryotic translation elongation factor 1 beta 2	1,1
12840651	539458	FOXJ3	forkhead box J3	1,1
12817899	535203	NTHL1	nth endonuclease III-like 1 (E. coli)	1,1
12682028	540574	TOPBP1	topoisomerase (DNA) II binding protein 1	1,1
12761848	505891	FOXJ1	forkhead box J1	1,1
12851157	534933	SCRN1	secernin 1	1,1
12723863	789886	LOC789886	similar to Uncharacterized protein C1orf175 homolog	1,1
12869628	100313226	MIR2453	microRNA mir-2453	1,1
12909760	539271	ACTRT1	actin-related protein T1	1,1
12870553	506194	TACC3	transforming, acidic coiled-coil containing protein 3	1,1
12845808	529053	DNALI1	dynein, axonemal, light intermediate chain 1	1,1
12867438	535697	KRT7	keratin 7	1,1
12737570	617545	LOC617545	similar to hCG19301	1,1
12743306	528054	LOC528054	similar to polynucleotide adenylyltransferase	1,1
12702969	617847	LOC617847	hypothetical LOC617847	1,1
12820230	529067	PPAPDC1A	phosphatidic acid phosphatase type 2 domain containing 1A	1,1
12869323	786295	LOC786295	similar to splicing factor, arginine/serine-rich 3	1,1

12794245	100335287	LOC100335287	hypothetical protein LOC100335287	1,1
12776623	514772	GPN2	GPN-loop GTPase 2	1,1
12826371	521103	C28H1orf57	chromosome 1 open reading frame 57 ortholog	1,1
12697677	785010	LOC785010	similar to myosin heavy chain 6	1,1
12732450	525062	TRIM29	tripartite motif-containing 29	1,1
12775590	507142	AIM1L	absent in melanoma 1-like	1,1
12846504	535643	LOC535643	similar to MAST205	1,1
12703760	100337445	LOC100337445	hCG40738-like	1,1
12841195	614789	LOC614789	similar to ribosomal protein L23a	1,1
12874466	520954	SGMS2	sphingomyelin synthase 2	1,1
12826058	506977	LGALS8	lectin, galactoside-binding, soluble, 8	1,1
12829165	100297813	LOC100297813	hypothetical protein LOC100297813	1,1
12734232	100300760	LOC100300760	similar to protein tyrosine phosphatase, receptor type, V	1,1
12761048	282245	GUCY2D	guanylate cyclase 2D, membrane (retina-specific)	1,1
12899030	782486	COX6C	cytochrome c oxidase subunit VIc	1,1
12777068	523588	RUFY4	RUN and FYVE domain containing 4	1,1
12795916	520286	MON1A	MON1 homolog A (yeast)	1,1
12752476	527504	TSNAXIP1	translin-associated factor X interacting protein 1	1,1
12760305	100140276	LOC100140276	similar to jumonji domain containing 3	1,1
12774476	281666	CCL20	chemokine (C-C motif) ligand 20	1,1
12818608	786654	MGC152396	hypothetical protein LOC786654	1,1
12873454	444868	SLBP	histone stem loop binding protein	1,1
12876000	781224	LOC781224	similar to Histone H3.3B CG8989-PA	1,1
12828817	540969	DNA2	DNA replication helicase 2 homolog (yeast)	1,1
12848846	281123	DPP6	dipeptidyl-peptidase 6	1,1
12785900	526395	SERF1A	small EDRK-rich factor 1A (telomeric)	1,1
12733484	614914	LOC614914	hypothetical LOC614914	1,1
12887319	540009	GFRA3	GDNF family receptor alpha 3	1,1
12848120	784768	LOC784768	similar to calcium-activated chloride channel	1,1
12772972	617117	FNDC8	fibronectin type III domain containing 8	1,1
12901523	783114	LOC783114	similar to ubiquitin-conjugating enzyme E2D 3	1,1
12894401	530279	NXNL2	nucleoredoxin-like 2	1,1
12866147	515639	RASSF8	Ras association (RalGDS/AF-6) domain family (N-terminal) member 8	1,1
12730020	616767	PRRG4	proline rich Gla (G-carboxyglutamic acid) 4 (transmembrane)	1,1
12826688	536607	ACTN2	actinin, alpha 2	1,1
12882728	100297725	LOC100297725	similar to histone H3.3B	1,1
12812150	510109	ABHD11	abhydrolase domain containing 11	1,1
12796354	533671	CMTM8	CKLF-like MARVEL transmembrane domain containing 8	1,1
12769205	509503	C19H17ORF39	chromosome 17 open reading frame 39 ortholog	1,1
12774310	280716	AK2	adenylate kinase 2	1,1
12860846	531995	SP7	Sp7 transcription factor	1,1
12702823	617088	LOC617088	hypothetical protein LOC617088	1,1
12902146	100336885	LOC100336885	interferon-tau-like	1,1
12734262	100301168	LOC100301168	similar to high-mobility group box 1	1,1
12703518	100297562	LOC100297562	hypothetical protein LOC100297562	1,1
12751941	517633	KLC3	kinesin light chain 3	1,1
12827991	510915	OIT3	oncoprotein induced transcript 3	1,1
12830362	510967	CTSW	cathepsin W	1,1
12824076	520202	TRIML1	tripartite motif family-like 1	1,1
12762051	507171	LOC507171	similar to cytochrome b5 domain containing 1	1,1
12822520	526945	ARHGAP19	Rho GTPase activating protein 19	1,1
12835571	100300443	LOC100300443	hypothetical protein LOC100300443	1,1
12694243	508901	ERH	enhancer of rudimentary homolog (Drosophila)	1,1
12730988	286857	PAX6	paired box 6	1,1
12806605	613560	LOC613560	similar to putative c-Myc-responsive	1,1

12717529	786022	LOC786022	similar to CSRP2BP	1,1
12736270	523325	DVL1	dishevelled, dsh homolog 1 (Drosophila)	1,1
12848180	785449	LOC785449	similar to ribosomal protein L17	1,1
12742005	282204	CRYBA4	crystallin, beta A4	1,1
12787394	513138	EXOC3	exocyst complex component 3	1,1
12763756	523542	CSNK1D	casein kinase 1, delta	1,1
12704312	504893	LCN15	lipocalin 15	1,1
12739370	513008	SLC45A1	solute carrier family 45, member 1	1,1
12811815	505735	SEZ6L2	seizure related 6 homolog (mouse)-like 2	1,1
12687141	781919	LOC781919	hypothetical LOC781919	1,1
12870024	281769	FGFR3	fibroblast growth factor receptor 3	1,1
12706667	531522	CIZ1	CDKN1A interacting zinc finger protein 1	1,1
12688094	281944	NR2E3	nuclear receptor subfamily 2, group E, member 3	1,1
12773498	787187	LOC787187	similar to ribosomal protein S25	1,1
12704366	505879	KCNF1	potassium voltage-gated channel, subfamily F, member 1	1,1
12708098	616440	SH2D6	SH2 domain containing 6	1,1
12765919	783873	HOXB9	homeobox B9	1,1
12880384	532538	FBXW9	F-box and WD repeat domain containing 9	1,1
12905810	616549	FANCB	Fanconi anemia, complementation group B	1,1
12697655	784873	LOC784873	similar to MGC139386 protein	1,1
12851142	534904	GALNT11	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 11 (GalNAc-T11)	1,1
12851692	541048	GLCCI1	glucocorticoid induced transcript 1	1,1
12802001	513971	HIST1H1C	histone cluster 1, H1c	1,1
12823362	100138651	LOC100138651	similar to zinc finger protein 42	1,1
12910523	783363	TCEAL6	transcription elongation factor A (SII)-like 6	1,1
12888367	787178	LOC787178	similar to SCAN domain-containing 1	1,1
12908260	514494	CA5B	carbonic anhydrase VB, mitochondrial	1,1
12771249	527604	TUSC5	tumor suppressor candidate 5	1,1
12735717	516433	HES2	hairy and enhancer of split 2 (Drosophila)	1,1
12735396	511043	LAMC2	laminin, gamma 2	1,1
12847919	781360	LOC781360	similar to Poly(rC)-binding protein 1 (Alpha-CP1) (hnRNP-E1) (Nucleic acid-binding protein SUB2.3)	1,1
12686035	537043	DRD3	dopamine receptor D3	1,1
12902408	100297068	LOC100297068	similar to testis expressed 264	1,1
12833375	509087	DKFZP761E198	hypothetical protein LOC509087	1,1
12779976	100313160	MIR2352	microRNA mir-2352	1,1
12815709	505997	SPNS1	spinster homolog 1 (Drosophila)	1,1
12864809	506631	SLC25A17	solute carrier family 25 (mitochondrial carrier; peroxisomal membrane protein, 34kDa), member 17	1,1
12841921	787773	ZC3H15	zinc finger CCCH-type containing 15	1,1
12825713	100301102	LOC100301102	hypothetical protein LOC100301102	1,1
12732096	514824	LOC514824	similar to peptidylglycine alpha-amidating monooxygenase COOH-terminal interactor	1,1
12794264	100336419	LOC100336419	urocanase domain containing 1-like	1,1
12751638	514685	DPEP1	dipeptidase 1 (renal)	1,1
12804235	100296311	LOC100296311	similar to cytochrome c oxidase subunit Vb	1,1
12760857	281716	CRHR1	corticotropin releasing hormone receptor 1	1,1
12693476	281686	CHRM5	cholinergic receptor, muscarinic 5	1,1
12852558	789135	LOC789135	similar to LOC506453 protein	1,1
12693186	100301048	LOC100301048	hypothetical protein LOC100301048	1,1
12900957	534629	TPD52L1	tumor protein D52-like 1	1,1
12744650	617636	MMAB	methylmalonic aciduria (cobalamin deficiency) cblB type	1,1
12697213	616127	LOC616127	similar to 60S ribosomal protein L21	1,1
12734505	281355	NPPA	natriuretic peptide precursor A	1,1
12749053	100336015	LOC100336015	transducin-like enhancer protein 2-like	1,1
12709146	504806	IRG1	immunoresponsive 1 homolog (mouse)	1,1

12755103	100138517	NUP62	nucleoporin 62kDa	1,1
12681523	534616	BCHE	butyrylcholinesterase	1,1
12874893	532960	KLHL8	kelch-like 8 (Drosophila)	1,1
12764097	529382	CACNG5	calcium channel, voltage-dependent, gamma subunit 5	1,1
12905888	617253	HDHD1A	haloacid dehalogenase-like hydrolase domain containing 1A	1,1
12862628	618738	SULT4A1	sulfotransferase family 4A, member 1	1,1
12770409	515088	GIT1	G protein-coupled receptor kinase interacting ArfGAP 1	1,1
12724004	100299970	LOC100299970	hypothetical protein LOC100299970	1,1
12757115	513377	ARHGEF1	Rho guanine nucleotide exchange factor (GEF) 1	1,1
12804141	100139295	MSH5	mutS homolog 5 (E. coli)	1,1
12772347	539709	FN3K	fructosamine 3 kinase	1,1
12696877	540681	WDHD1	WD repeat and HMG-box DNA binding protein 1	1,1
12890327	515209	LOC515209	similar to plasticity related gene 3	1,1
12752612	530449	WDR62	WD repeat domain 62	1,1
12691952	615493	ZNF219	zinc finger protein 219	1,1
12881814	616156	CDC34	cell division cycle 34 homolog (S. cerevisiae)	1,1
12762177	507932	COPS3	COP9 constitutive photomorphogenic homolog subunit 3 (Arabidopsis)	1,1
12839301	527397	DEPDC1	DEP domain containing 1	1,1
12741615	100125764	SERPIND1	serpin peptidase inhibitor, clade D (heparin cofactor), member 1	1,1
12887084	538232	SOX30	SRY (sex determining region Y)-box 30	1,1
12705774	515141	RPS20	similar to ribosomal protein S20	1,1
12736622	533057	IARS2	isoleucyl-tRNA synthetase 2, mitochondrial	1,1
12803607	616978	SFTA2	surfactant associated 2	1,1
12826619	533307	TUBB	tubulin, beta	1,1
12831994	618238	LOC618238	similar to mammary serum amyloid A3.2	1,1
12702432	613397	LOC613397	similar to olfactory receptor Olfr335	1,1
12703959	281948	NR5A1	nuclear receptor subfamily 5, group A, member 1	1,1
12698906	504307	NUP188	nucleoporin 188kDa	1,1
12887049	537999	NWD1	NACHT and WD repeat domain containing 1	1,1
12815348	445422	VKORC1	vitamin K epoxide reductase complex, subunit 1	1,1
12709831	524913	PIBF1	progesterone immunomodulatory binding factor 1	1,1
12741030	614583	SERTAD4	SERTA domain containing 4	1,1
12708752	100170927	MIR19B	microRNA mir-19b	1,1
12811906	506318	VKORC1L1	vitamin K epoxide reductase complex, subunit 1-like 1	1,1
12803078	536048	MAK	male germ cell-associated kinase	1,1
12833118	505875	WDR74	WD repeat domain 74	1,1
12744453	615387	CDK2AP1	cyclin-dependent kinase 2 associated protein 1	1,1
12902527	100301478	LOC100301478	similar to cyclin B3	1,1
12703645	100336542	LOC100336542	hypothetical protein LOC100336542	1,1
12679870	511594	IGSF5	immunoglobulin superfamily, member 5	1,1
12697998	100140419	ASXL2	additional sex combs like 2 (Drosophila)	1,1
12859680	515369	LOC515369	similar to olfactory receptor Olfr286	1,1
12792052	507661	LOC507661	similar to chromosome 14 open reading frame 106	1,1
12842304	100140639	RAD54L	RAD54-like (S. cerevisiae)	1,1
12830333	510943	CCDC88B	coiled-coil domain containing 88B	1,1
12856473	100313358	MIR2438	microRNA mir-2438	1,1
12864912	507197	SHMT2	serine hydroxymethyltransferase 2 (mitochondrial)	1,1
12735609	514669	WDR8	WD repeat domain 8	1,1
12883904	505492	SLC23A1	similar to solute carrier family 23 (nucleobase transporters), member 1	1,1
12805883	523214	LOC523214	similar to histone cluster 1, H3f	1,1
12708137	616841	TCF23	transcription factor 23	1,1
12859573	514674	TARBP2	TAR (HIV-1) RNA binding protein 2	1,1
12908872	524975	XKRX	XK, Kell blood group complex subunit-related, X-linked	1,1

12812652	515528	METR1	meteorin, glial cell differentiation regulator	1,1
12680404	514555	UBASH3A	ubiquitin associated and SH3 domain containing, A	1,1
12705505	512799	COBRA1	cofactor of BRCA1	1,1
12862601	618516	TNFRSF13C	tumor necrosis factor receptor superfamily, member 13C	1,1
12820901	614529	LRRC27	leucine rich repeat containing 27	1,1
12815038	100313426	MIR2387	microRNA mir-2387	1,1
12844784	514665	SYPL2	synaptophysin-like 2	1,1
12765908	783611	LOC783611	similar to Fanconi anemia-associated protein of 100 kDa	1,1
12909914	540550	MBNL3	muscleblind-like 3 (Drosophila)	1,1
12715221	515877	LOC515877	similar to Uncharacterized protein C20orf151	1,1
12686270	539307	OLIG1	oligodendrocyte transcription factor 1	1,1
12783610	539078	CRYGA	crystallin, gamma A	1,1
12825676	100138488	ZNF37A	zinc finger protein 37A	1,1
12831577	538998	FKBP2	FK506 binding protein 2, 13kDa	1,1
12876370	100297361	LOC100297361	similar to hyperpolarization-activated, cyclic nucleotide-gated K+ 2	1,1
12797691	100124525	CX3CR1	chemokine (C-X3-C motif) receptor 1	1,1
12854942	532208	LOC532208	similar to olfactory receptor Olr801	1,1
12733906	784897	LOC784897	similar to Olfactory receptor 5B12 (Olfactory receptor OR11-241)	1,1
12875634	614978	LOC614978	similar to RIKEN cDNA A930005I04	1,1
12813944	615050	FBRS	fibrosin	1,1
12710437	539638	LOC539638	hypothetical LOC539638	1,1
12814395	618674	C25H16orf71	chromosome 16 open reading frame 71 ortholog	1,1
12844996	516987	DMRTB1	DMRT-like family B with proline-rich C-terminal, 1	1,1
12906374	100138149	LOC100138149	hypothetical protein LOC100138149	1,1
12743928	537412	SMARCB1	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily b, member 1	1,1
12711975	519447	LOC519447	similar to OTTHUMP00000018663	1,1
12749428	282149	BCKDHA	branched chain keto acid dehydrogenase E1, alpha polypeptide	1,1
12800513	616365	LOC616365	hypothetical LOC616365	1,1
12842665	281646	BGLAP	bone gamma-carboxyglutamate (gla) protein	1,1
12686659	613942	CHODL	chondrolectin	1,1
12804754	100125916	LOC100125916	hypothetical protein 100125016	1,1
12870596	507148	MGC157163	hypothetical LOC507148	1,1
12896617	281363	NT5E	5'-nucleotidase, ecto (CD73)	1,1
12820701	538791	KCNK18	potassium channel, subfamily K, member 18	1,1
12788683	100297414	LOC100297414	similar to regulator of G-protein signaling 5	1,1
12682621	768063	MGC134244	hypothetical protein MGC134244	1,1
12679097	505368	TMEM41A	transmembrane protein 41A	1,1
12760458	100313034	MIR338	microRNA mir-338	1,1
12847564	616311	PMF1	polyamine-modulated factor 1	1,1
12751185	512402	SHKBP1	SH3KBP1 binding protein 1	1,1
12844599	513433	MMACHC	methylmalonic aciduria (cobalamin deficiency) cblC type, with homocystinuria	1,1
12833011	504812	LOC504812	similar to pregnancy-associated glycoprotein-18	1,1
12755520	100336734	LOC100336734	zinc finger protein 45-like	1,1
12863251	788428	LOC788428	similar to olfactory receptor 247	1,1
12827383	786916	LOC786916	similar to 43kDa collectin	1,1
12741323	618245	ACBD6	acyl-Coenzyme A binding domain containing 6	1,1
12697362	617615	CLN6	ceroid-lipofuscinosis, neuronal 6, late infantile, variant	1,1
12791739	282181	CHRNA4	cholinergic receptor, nicotinic, beta 4	1,1
12776431	513894	LOC513894	similar to hCG2042389	1,1
12820882	613905	GSTO2	glutathione S-transferase omega 2	1,1
12734783	407126	CR2	complement component (3d/Epstein Barr virus) receptor 2	1,1

12815253	282200	COX6A2	cytochrome c oxidase subunit VIa polypeptide 2	1,1
12792845	522763	MGC148762	hypothetical LOC522763	1,1
12707286	538522	LOC538522	similar to aspartic peptidase, retroviral-like 1	1,1
12827189	768316	NRBF2	nuclear receptor binding factor 2	1,1
12896289	100295746	LOC100295746	hypothetical protein LOC100295746	1,1
12878914	513032	LOC513032	similar to NEDD4-binding protein 3 (N4BP3)	1,1
12777402	529847	TAS1R2	taste receptor, type 1, member 2	1,1
12699247	507008	LRSAM1	leucine rich repeat and sterile alpha motif containing 1	1,1
12787737	523016	PAPD7	PAP associated domain containing 7	1,1
12781050	509707	GPR1	G protein-coupled receptor 1	1,1
12723104	533815	STK3	serine/threonine kinase 3 (STE20 homolog, yeast)	1,1
12746017	507410	POP5	processing of precursor 5, ribonuclease P/MRP subunit (S. cerevisiae)	1,1
12688025	281553	TSHR	thyroid stimulating hormone receptor	1,1
12733168	539917	PIH1D2	PIH1 domain containing 2	1,1
12757564	518955	A1BG	alpha-1-B glycoprotein	1,1
12694168	508285	MAT2B	methionine adenosyltransferase II, beta	1,1
12827154	616421	FAM89A	family with sequence similarity 89, member A	1,1
12717804	100296451	LOC100296451	hypothetical protein LOC100296451	1,1
12820733	539594	BUB3	budding uninhibited by benzimidazoles 3 homolog (yeast)	1,1
12776319	512168	LOC512168	similar to Transmembrane and coiled-coil domains 4	1,1
12830844	515715	CARS	cysteinyl-tRNA synthetase	1,1
12804938	505555	G7C	NG37 protein	1,1
12687618	100141172	LOC100141172	similar to hCG21972	1,1
12765099	540436	C19H17ORF28	chromosome 17 open reading frame 28 ortholog	1,1
12908499	517081	USP26	ubiquitin specific peptidase 26	1,1
12852834	100337418	LOC100337418	HECT, C2 and WW domain containing E3 ubiquitin protein ligase 1-like	1,1
12873138	100337468	LOC100337468	CXXC finger 4-like	1,1
12716812	540999	SAMD10	sterile alpha motif domain containing 10	1,1
12774482	281687	CHRND	cholinergic receptor, nicotinic, delta	1,1
12833239	507247	LOC507247	similar to G protein-coupled receptor TGR7	1,1
12818494	618774	ELFN1	extracellular leucine-rich repeat and fibronectin type III domain containing 1	1,1
12869821	280717	ALB	albumin	1,1
12781628	515042	LOC515042	similar to leucine-rich-domain inter-acting protein 1; LeR inter-acting protein 1; LEAP1	1,1
12717629	789851	LOC789851	similar to histamine H3 receptor	1,1
12902364	100295153	LOC100295153	hypothetical protein LOC100295153	1,1
12750976	510844	LOC510844	similar to Zinc finger homeobox protein 3 (Zinc finger homeodomain protein 3) (ZFH-3) (Alpha-fetoprotein enhancer-binding protein) (AT motif-binding factor) (AT-binding transcription factor 1)	1,1
12826432	524732	CHAT	choline acetyltransferase	1,1
12801072	281097	CSH2	chorionic somatomammotropin hormone 2	1,1
12910730	786803	LOC786803	similar to Melanoma antigen family B, 4	1,1
12805856	521580	LOC521580	similar to histone cluster 1, H2bd	1,1
12760260	100138645	LOC100138645	similar to serum amine oxidase	1,1
12841202	614974	HIST2H2AB	histone cluster 2, H2ab	1,1
12759305	616609	B9D2	B9 protein domain 2	1,1
12834306	530442	ZDHHC24	zinc finger, DHHC-type containing 24	1,1
12678294	100296664	LOC100296664	hypothetical protein LOC100296664	1,1
12789862	512588	TM2D3	TM2 domain containing 3	1,1
12814328	618415	SYNGR3	synaptogyrin 3	1,1
12816755	514997	ZNHIT1	zinc finger, HIT type 1	1,1
12785854	524269	LOC524269	similar to ribosomal protein S15a	1,1
12844935	516094	CDC7	cell division cycle 7 homolog (S. cerevisiae)	1,1
12733928	785668	MGC159418	hypothetical protein LOC785668	1,1

12749776	497207	BREH1	retinyl ester hydrolase type 1	1,1
12857869	505415	LOC505415	hypothetical protein LOC505415	1,1
12694170	508562	C10H14orf37	chromosome 14 open reading frame 37 ortholog	1,1
12706387	526739	GPAT2	glycerol-3-phosphate acyltransferase 2, mitochondrial	1,1
12819066	404148	PGAM1	phosphoglycerate mutase 1 (brain)	1,1
12692881	100139247	LOC100139247	similar to hCG1644548	1,1
12858460	507598	LPAR5	G protein-coupled receptor 92	1,1
12785323	507306	CAPSL	calcyphosine-like	1,1
12722208	510951	SLC39A4	solute carrier family 39 (zinc transporter), member 4	1,1
12758460	533016	SLC27A5	solute carrier family 27 (fatty acid transporter), member 5	1,1
12679281	507040	LOC507040	similar to Uncharacterized protein C3orf33	1,1
12906008	781152	LOC781152	similar to P antigen family, member 3 (prostate associated)	1,1
12882374	787538	PCDHA2	protocadherin alpha 2	1,1
12723617	618749	LY6H	lymphocyte antigen 6 complex, locus H	1,1
12835846	281258	F11R	F11 receptor	1,1
12738115	100301375	LOC100301375	similar to troponin I, skeletal, slow 1	1,1
12850821	529800	EPHB6	EPH receptor B6	1,1
12703417	100138921	LOC100138921	hypothetical protein LOC100138921	1,1
12875825	616907	NKX3-2	NK3 homeobox 2	1,1
12716089	529990	SIRPB1	signal-regulatory protein beta 1	1,1
12733072	539042	LOC539042	similar to ADP-ribosyltransferase	1,1
12765636	617948	TNFRSF13B	tumor necrosis factor receptor superfamily, member 13B	1,1
12798508	505677	ALDH1L1	aldehyde dehydrogenase 1 family, member L1	1,1
12814795	100137734	PILRA	paired immunoglobulin-like type 2 receptor alpha	1,1
12773503	787335	GPR179	G protein-coupled receptor 179	1,1
12740940	541597	KCNAB2	potassium voltage-gated channel, shaker-related subfamily, beta member 2	1,1
12763375	515301	CDC6	cell division cycle 6 homolog (S. cerevisiae)	1,1
12829175	100298939	LOC100298939	similar to v-Ha-ras Harvey rat sarcoma viral oncogene homolog	1,1
12736543	531493	SNRPE	small nuclear ribonucleoprotein polypeptide E	1,1
12712350	533890	PDS5B	PDS5, regulator of cohesion maintenance, homolog B (S. cerevisiae)	1,1
12760014	788473	LOC788473	similar to Peptide deformylase (mitochondrial)	1,1
12831979	618096	TMEM151A	transmembrane protein 151A	1,1
12735245	508039	C16H1orf86	chromosome 1 open reading frame 86 ortholog	1,1
12706924	534067	USP34	ubiquitin specific peptidase 34	1,1
12876268	100141142	SYCE2	synaptonemal complex central element protein 2	1,1
12682342	614606	CAMK2N2	calcium/calmodulin-dependent protein kinase II inhibitor 2	1,1
12819009	282373	SPADH1	spermadhesin 1	1,1
12794487	387602	PROK2	prokineticin 2	1,1
12875850	617419	SCD5	stearoyl-CoA desaturase 5	1,1
12852880	280904	PTN	pleiotrophin	1,1
12725817	538640	ESRP1	epithelial splicing regulatory protein 1	1,1
12773079	618453	KRT31	keratin 31	1,1
12725439	523017	C14H8ORF38	chromosome 8 open reading frame 38 ortholog	1,1
12892432	100296508	LOC100296508	hypothetical LOC100296508	1,1
12803586	616874	CENPQ	centromere protein Q	1,1
12835151	767958	C29H11orf10	chromosome 11 open reading frame 10 ortholog	1,1
12714452	507743	SOD1	superoxide dismutase 1, soluble	1,1
12881056	538819	SCAMP4	secretory carrier membrane protein 4	1,1
12832009	618367	LOC618367	hypothetical LOC618367	1,1
12891719	613814	FOXB2	forkhead box B2	1,1
12824855	286836	DEFB4	defensin, beta 4	1,1
12696001	533070	SPATA5L1	spermatogenesis associated 5-like 1	1,1

12789031	281692	CKMT1	creatine kinase, mitochondrial 1 (ubiquitous)	1,1
12888663	100124521	SLC25A37	solute carrier family 25, member 37	1,1
12746240	511381	UNG	uracil-DNA glycosylase	1,1
12884149	507731	CDC25C	cell division cycle 25 homolog C (S. pombe)	1,1
12825848	281068	CGN1	conglutinin	1,1
12749219	100337113	LOC100337113	hypothetical protein LOC100337113	1,1
12823999	514946	HTRA4	HtrA serine peptidase 4	1,1
12876285	100271851	MEF2B	myocyte enhancer factor 2B	1,1
12811920	506492	ATP5J2	ATP synthase, H ⁺ transporting, mitochondrial F0 complex, subunit F2	1,1
12847532	616005	RNF220	ring finger protein 220	1,1
12732436	523303	LOC523303	similar to Butyrophilin subfamily 1 member A1 precursor (BT)	1,1
12896448	100336854	LOC100336854	hypothetical protein LOC100336854	1,1
12853903	511754	CDK6	cyclin-dependent kinase 6	1,1
12806953	281429	PRP1	prolactin-related protein 1	1,1
12825149	515017	PDGFRL	platelet-derived growth factor receptor-like	1,1
12779915	100295169	LOC100295169	hypothetical protein LOC100295169	1,1
12731583	509245	MED19	mediator complex subunit 19	1,1
12876080	783188	LOC783188	similar to tropomyosin 3	1,1
12907190	281809	HSD17B10	hydroxysteroid (17-beta) dehydrogenase 10	1,1
12771135	524368	RNF222	ring finger protein 222	1,1
12678856	327717	NDUFV3	NADH dehydrogenase (ubiquinone) flavoprotein 3, 10kDa	1,1
12899411	280897	PLG	plasminogen	1,1
12757145	513577	PRPF31	PRP31 pre-mRNA processing factor 31 homolog (S. cerevisiae)	1,1
12793053	532402	ANKRD9	ankyrin repeat domain 9	1,1
12735156	506605	MAD2L2	MAD2 mitotic arrest deficient-like 2 (yeast)	1,1
12856863	281275	LDHB	lactate dehydrogenase B	1,1
12797309	768064	C22H3orf24	chromosome 3 open reading frame 24 ortholog	1,1
12832974	407180	SLC22A6	solute carrier family 22 (organic anion transporter), member 6	1,1
12805848	519935	HIST1H2BI	histone 1, H2bi	1,1
12829402	281656	CABP4	calcium binding protein 4	1,1
12817101	521364	FZD9	frizzled homolog 9 (Drosophila)	1,1
12719601	517656	NFS1	NFS1 nitrogen fixation 1 homolog (S. cerevisiae)	1,1
12827986	510899	MRPS16	mitochondrial ribosomal protein S16	1,1
12883976	506034	LOC506034	similar to olfactory receptor MOR270-1	1,1
12745087	100296567	LOC100296567	hypothetical protein LOC100296567	1,1
12858682	509448	TFCP2	transcription factor CP2	1,1
12693881	505232	LOC505232	similar to T-cell receptor delta chain TRDV3	1,1
12767689	338053	ATP5G1	ATP synthase, H ⁺ transporting, mitochondrial F0 complex, subunit C1 (subunit 9)	1,1
12779168	614576	BIN1	bridging integrator 1	1,1
12748399	787155	RNFT2	ring finger protein, transmembrane 2	1,1
12779372	617024	E2F2	E2F transcription factor 2	1,1
12769528	511135	ACLY	ATP citrate lyase	1,1
12759465	617892	LOC617892	hypothetical protein LOC617892	1,1
12766743	100298918	LOC100298918	similar to zinc finger protein 385D	1,1
12715797	525665	ARMC3	armadillo repeat containing 3	1,1
12861179	535121	LOC535121	similar to rCG60321	1,1
12885496	515766	AP1M2	adaptor-related protein complex 1, mu 2 subunit	1,1
12868265	613740	HOXC4	homeobox C4	1,1
12737958	100295775	LOC100295775	similar to ribosomal protein P1	1,1
12910359	767908	RPL39	ribosomal protein L39	1,1
12870691	509186	TKTL2	transketolase-like 2	1,1
12683083	100336592	LOC100336592	mCG140660-like	1,1
12692565	786611	LBXCOR1	Lbxcor1 homolog (mouse)	1,1

12869406	788144	LOC788144	similar to olfactory receptor, family 6, subfamily C, member 3	1,1
12813161	525334	MMD2	monocyte to macrophage differentiation-associated 2	1,1
12753882	616860	LOC616860	hypothetical LOC616860	1,1
12815144	280784	EPO	erythropoietin	1,1
12773973	100300817	LOC100300817	similar to NCK-associated protein 1	1,1
12732959	537566	KIF18A	kinesin family member 18A	1,1
12859793	516929	CSRNP2	cysteine-serine-rich nuclear protein 2	1,1
12849052	282405	ATP6V1F	ATPase, H ⁺ transporting, lysosomal 14kDa, V1 subunit F	1,1
12681991	540154	TRIM59	tripartite motif-containing 59	1,1
12736877	536925	CABC1	chaperone, ABC1 activity of bc1 complex homolog (S. pombe)	1,1
12730119	768030	MGC137098	hypothetical protein MGC137098	1,1
12824556	782487	LOC782487	similar to beta-defensin 2	1,1
12808325	536981	NOL4	nucleolar protein 4	1,1
12813190	526097	TELO2	TEL2, telomere maintenance 2, homolog (S. cerevisiae)	1,1
12678900	414922	CLDN1	claudin 1	1,1
12783910	540832	CSRNP3	cysteine-serine-rich nuclear protein 3	1,1
12878630	511056	HAUS8	HAUS augmin-like complex, subunit 8	1,1
12782181	522714	IHH	Indian hedgehog homolog (Drosophila)	1,1
12896309	100296943	LOC100296943	hypothetical protein LOC100296943	1,1
12806536	540262	DLK2	delta-like 2 homolog (Drosophila)	1,1
12748956	100299090	LOC100299090	similar to nanos	1,1
12836524	504851	BOK	BCL2-related ovarian killer	1,1
12852432	784535	LOC784535	similar to RIKEN cDNA A530099J19	1,1
12843282	505212	HSD17B7	hydroxysteroid (17-beta) dehydrogenase 7	1,1
12904677	528092	LOC528092	similar to CSDA protein	1,1
12813370	530342	LOC530342	similar to Chromosome 16 open reading frame 24	1,1
12842746	282144	ATP1A1	ATPase, Na ⁺ /K ⁺ transporting, alpha 1 polypeptide	1,1
12865639	512693	POLDIP3	polymerase (DNA-directed), delta interacting protein 3	1,1
12796891	614025	RRP9	ribosomal RNA processing 9, small subunit (SSU) processome component, homolog (yeast)	1,1
12751220	512431	PPP1R12C	protein phosphatase 1, regulatory (inhibitor) subunit 12C	1,1
12858096	506388	LOC506388	similar to Intestine-specific homeobox	1,1
12726966	504224	C11orf16	chromosome 11 open reading frame 16	1,1
12898656	541040	SEC63	SEC63 homolog (S. cerevisiae)	1,1
12717084	617395	CST8	cystatin 8 (cystatin-related epididymal specific)	1,1
12882700	100296837	LOC100296837	hypothetical protein LOC100296837	1,1
12793517	539075	NKX2-8	NK2 homeobox 8	1,1
12833086	505618	RNASEH2C	ribonuclease H2, subunit C	1,1
12801887	513464	FANCE	Fanconi anemia, complementation group E	1,1
12804086	100126544	LOC100126544	hypothetical LOC100126544	1,1
12686432	540003	IGSF11	immunoglobulin superfamily, member 11	1,1
12824059	520004	UNC5D	unc-5 homolog D (C. elegans)	1,1
12841944	788157	LOC788157	similar to eukaryotic translation elongation factor 1 alpha 1	1,1
12779757	789347	SPATA21	spermatogenesis associated 21	1,1
12819614	514117	LOC514117	similar to Uncharacterized protein C10orf92	1,1
12732994	538100	SCN4B	sodium channel, voltage-gated, type IV, beta	1,1
12697348	617602	EXD1	exonuclease 3'-5' domain containing 1	1,1
12881902	617157	MCEMP1	mast cell-expressed membrane protein 1	1,1
12686973	616105	TFF2	trefoil factor 2	1,1
12820960	616091	MGMT	O-6-methylguanine-DNA methyltransferase	1,1
12861600	538714	ZNF641	zinc finger protein 641	1,1
12909152	532174	MAGEB18	melanoma antigen family B, 18	1,1
12733359	541596	B3GAT1	beta-1,3-glucuronyltransferase 1 (glucuronosyltransferase P)	1,1

12744503	615920	SLC2A11	solute carrier family 2 (facilitated glucose transporter), member 11	1,1
12824130	524077	MYOM2	myomesin (M-protein) 2, 165kDa	1,1
12834981	616632	TMEM223	transmembrane protein 223	1,1
12793747	616432	PRIMA1	proline rich membrane anchor 1	1,1
12702816	617042	METTL11A	methyltransferase like 11A	1,1
12712702	540760	RFXAP	regulatory factor X-associated protein	1,1
12727174	506989	MGC152194	similar to mitochondrial ribosomal protein L17	1,1
12721516	100298420	LOC100298420	hypothetical LOC100298420	1,1
12791504	100296139	LOC100296139	hypothetical protein LOC100296139	1,1
12887838	616482	CAPS	calcyphosine	1,1
12838034	513034	CLDN19	claudin 19	1,1
12880084	526848	CTNNA1	catenin (cadherin-associated protein), alpha 1, 102kDa	1,1
12782645	531084	PADI6	peptidyl arginine deiminase, type VI	1,1
12792070	508170	MCEE	methylmalonyl CoA epimerase	1,1
12730536	100298362	LOC100298362	similar to kelch-like 26	1,1
12759721	782742	NAPA	N-ethylmaleimide-sensitive factor attachment protein, alpha	1,1
12830387	511349	ARL2	ADP-ribosylation factor-like 2	1,1
12869377	787600	LOC787600	similar to intermediate filament type II keratin	1,1
12808778	616979	RAB31	RAB31, member RAS oncogene family	1,1
12901919	100336427	LOC100336427	mucin 2-like	1,1
12834911	615886	MRGPRF	MAS-related GPR, member F	1,1
12904380	521897	LOC521897	similar to TFIIS central domain-containing protein 1	1,1
12876658	100337182	LOC100337182	catenin, alpha 1-like	1,1
12848620	100313434	MIR2422	microRNA mir-2422	1,1
12750299	507222	TMEM208	transmembrane protein 208	1,1
12868512	615937	RAD51AP1	RAD51 associated protein 1	1,1
12863730	100336690	LOC100336690	RAD51 associated protein 1-like	1,1
12893273	510324	STOML2	stomatin (EPB72)-like 2	1,1
12683354	281856	IL12A	interleukin 12A (natural killer cell stimulatory factor 1, cytotoxic lymphocyte maturation factor 1, p35)	1,1
12886324	530559	ANKRD24	ankyrin repeat domain 24	1,1
12901803	100337320	LOC100337320	hypothetical protein LOC100337320	1,1
12698309	100337354	LOC100337354	SOX11-like	1,1
12703292	787209	LOC787209	similar to Olfactory receptor 1J4 (Olfactory receptor OR9-21) (HTPCRX01)	1,1
12774426	281573	VIL1	villin 1	1,1
12877241	317696	FGFR4	fibroblast growth factor receptor 4	1,1
12826866	538148	LRRTM3	leucine rich repeat transmembrane neuronal 3	1,1
12692843	100138538	LOC100138538	hypothetical protein LOC100138538	1,1
12726992	504498	LOC504498	similar to olfactory receptor MOR260-1	1,1
12701232	532272	ADAMTS13	ADAM metallopeptidase with thrombospondin type 1 motif, 13	1,1
12772669	614429	YBX2	Y box binding protein 2	1,1
12838250	513646	HECTD3	HECT domain containing 3	1,1
12813847	540981	FBXL19	F-box and leucine-rich repeat protein 19	1,1
12714225	506459	ACSS2	acyl-CoA synthetase short-chain family member 2	1,1
12750425	508082	RDH13	retinol dehydrogenase 13 (all-trans/9-cis)	1,1
12687173	783329	LOC783329	similar to keratin associated protein 10-2	1,1
12895759	782252	NKX3-1	NK3 homeobox 1	1,1
12858960	510669	DBX2	developing brain homeobox 2	1,1
12754100	618168	VPS4A	vacuolar protein sorting 4 homolog A (S. cerevisiae)	1,1
12902777	100337433	LOC100337433	SRX-box containing gene 3-like	1,1
12758561	533968	CNOT1	CCR4-NOT transcription complex, subunit 1	1,1
12714515	508364	REM1	RAS (RAD and GEM)-like GTP-binding 1	1,1
12832612	100337407	LOC100337407	histone H4 replacement-like	1,1
12824112	522875	NKIRAS1	NFKB inhibitor interacting Ras-like 1	1,1

12694047	507212	TPPP2	tubulin polymerization-promoting protein family member 2	1,1
12893266	509916	LOC509916	similar to Olfactory receptor 2S2 (Olfactory receptor OR9-3)	1,1
12715372	518491	TCF15	transcription factor 15 (basic helix-loop-helix)	1,1
12849130	282659	SSPO	SCO-spondin homolog (Bos taurus)	1,1
12766383	789732	CD300LD	CD300 molecule-like family member d	1,1
12721386	788927	LOC788927	similar to elastin microfibril interfacer 3	1,1
12768981	508778	DCAKD	dephospho-CoA kinase domain containing	1,1
12880466	533531	SYNPO	synaptopodin	1,1
12703968	281950	NRXN1	neurexin 1	1,1
12770243	514524	LRRC45	leucine rich repeat containing 45	1,1
12753810	616079	ADAD2	adenosine deaminase domain containing 2	1,1
12678920	493713	NR1I2	nuclear receptor subfamily 1, group I, member 2	1,1
12901683	100300767	LOC100300767	similar to HBS1-like	1,1
12783620	539107	GPR55	G protein-coupled receptor 55	1,1
12877652	505233	LASS4	LAG1 homolog, ceramide synthase 4	1,1
12859331	513621	VAMP1	vesicle-associated membrane protein 1 (synaptobrevin 1)	1,1
12716125	531606	SRXN1	sulfiredoxin 1 homolog (S. cerevisiae)	1,1
12738998	507444	TMEM201	transmembrane protein 201	1,1
12725176	513222	RPS20	ribosomal protein S20	1,1
12763690	522967	MYO1D	myosin ID	1,1
12678862	379035	TERC	telomerase RNA component	1,1
12788768	100312997	MIR134	microRNA mir-134	1,1
12856986	281878	ITPR2	inositol 1,4,5-triphosphate receptor, type 2	1,1
12780012	100336727	LOC100336727	thrombospondin, type I, domain containing 7B-like	1,1
12723857	789629	LOC789629	similar to hCG2036558	1,1
12870946	513824	TMEM128	transmembrane protein 128	1,1
12865449	511319	TTL12	tubulin tyrosine ligase-like family, member 12	1,1
12772816	615868	FN3KRP	fructosamine 3 kinase related protein	1,1
12799404	523460	CHST13	carbohydrate (chondroitin 4) sulfotransferase 13	1,1
12775474	506672	LOC506672	similar to brain-specific angiogenesis inhibitor 2	1,1
12717111	617742	SDCBP2	similar to syndecan binding protein 2	1,1
12874101	512359	LOC512359	similar to Ankyrin repeat domain-containing protein 56	1,1
12753161	537578	SPTBN4	spectrin, beta, non-erythrocytic 4	1,1
12738372	100337220	LOC100337220	class II basic helix-loop-helix protein-like	1,1
12737149	540424	LAX1	lymphocyte transmembrane adaptor 1	1,1
12811647	504356	PDIA2	protein disulfide isomerase family A, member 2	1,1
12831572	538977	PANX3	pannexin 3	1,1
12903205	504294	PLXNB3	plexin B3	1,1
12741748	100298963	LOC100298963	similar to glycoprotein Ib, beta polypeptide	1,1
12724025	100336574	LOC100336574	EFR3A protein-like	1,1
12696210	535727	SLC27A2	solute carrier family 27 (fatty acid transporter), member 2	1,1
12899003	768071	MGC137021	hypothetical protein MGC137021	1,1
12832488	100335678	LOC100335678	hypothetical protein LOC100335678	1,1
12728534	526311	LOC526311	similar to rCG39757	1,1
12756558	508534	MGC157263	hypothetical LOC508534	1,1
12902552	100313249	MIR2487	microRNA mir-2487	1,1
12819693	514679	KIF20B	kinesin family member 20B	1,1
12725753	535674	RIMS2	regulating synaptic membrane exocytosis 2	1,1
12886975	537241	AGXT2L2	alanine-glyoxylate aminotransferase 2-like 2	1,1
12685337	529062	ANKRD28	ankyrin repeat domain 28	1,1
12690735	535046	CDH24	cadherin 24, type 2	1,1
12867879	539535	NXPH4	neurexophilin 4	1,1
12887402	540643	LMNB1	lamin B1	1,1
12699667	510571	LOC510571	similar to Olfactory receptor 1J2 (Olfactory receptor OR9-19) (OST044) (HSA5) (HTPCR15)	1,1

12778120	536149	AGFG1	ArfGAP with FG repeats 1	1,1
12735070	506102	LOC506102	similar to family with sequence similarity 132, member A	1,1
12834810	613318	CDCA5	cell division cycle associated 5	1,1
12814920	100295146	LOC100295146	hypothetical protein LOC100295146	1,1
12688792	509858	LOC509858	similar to UPF0172 protein C14orf122	1,1
12718381	505337	C13H20ORF85	chromosome 20 open reading frame 85 ortholog	1,1
12846832	538954	PRKAA2	protein kinase, AMP-activated, alpha 2 catalytic subunit	1,1
12758131	526736	KLK10	kallikrein-related peptidase 10	1,1
12704336	505354	LOC505354	similar to zinc finger, DHHC domain containing 12	1,1
12738957	507289	SCCPDH	saccharopine dehydrogenase (putative)	1,1
12851197	535415	LOC535415	similar to histone deacetylase 9	1,1
12854230	516644	NCAPG2	non-SMC condensin II complex, subunit G2	1,1
12840621	539223	LASS2	LAG1 homolog, ceramide synthase 2	1,1
12826135	510161	C28H10ORF35	chromosome 10 open reading frame 35 ortholog	1,1
12750911	510379	MON1B	MON1 homolog B (yeast)	1,1
12867714	538603	PVALB	parvalbumin	1,1
12852048	616659	LRRC61	leucine rich repeat containing 61	1,1
12768497	507464	KRT13	keratin 13	1,1
12842113	100125390	B4GALT2	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 2	1,1
12808712	615496	CD226	CD226 molecule	1,1
12714694	510666	BMI1	BMI1 polycomb ring finger oncogene	1,1
12793679	615161	FRMD5	FERM domain containing 5	1,1
12849648	508257	MYL7	myosin, light chain 7, regulatory	1,1
12907333	404161	NDUFB11	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 11, 17.3kDa	1,1
12852730	100313203	MIR2418	microRNA mir-2418	1,1
12680157	513565	PLCH1	phospholipase C, eta 1	1,1
12860485	527026	B4GALNT3	beta-1,4-N-acetyl-galactosaminyl transferase 3	1,1
12880175	527830	KCTD16	potassium channel tetramerisation domain containing 16	1,1
12901144	539435	FBXO30	F-box protein 30	1,1
12779361	616826	IL28RA	interleukin 28 receptor, alpha (interferon, lambda receptor)	1,1
12854309	518355	LOC518355	similar to Homeobox protein GBX-1 (Gastrulation and brain-specific homeobox protein 1)	1,1
12854076	513430	HEPACAM2	HEPACAM family member 2	1,1
12687477	790991	MIR99A	microRNA mir-99a	1,1
12897667	528099	RAB32	RAB32, member RAS oncogene family	1,1
12707825	613730	POLE4	polymerase (DNA-directed), epsilon 4 (p12 subunit)	1,1
12856944	281691	DNAJC14	DnaJ (Hsp40) homolog, subfamily C, member 14	1,1
12743075	523999	PITPNM2	phosphatidylinositol transfer protein, membrane-associated 2	1,1
12758443	532809	NAT14	N-acetyltransferase 14 (GCN5-related, putative)	1,1
12821842	508473	SFXN4	sideroflexin 4	1,1
12841971	788736	LOC788736	similar to PAIP1 protein	1,1
12823241	782056	VAX1	ventral anterior homeobox 1	1,1
12773736	789613	SMARCD2	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 2	1,1
12696439	538340	LOC538340	similar to mitogen-activated protein kinase kinase kinase 9	1,1
12731802	511958	NCAPD3	non-SMC condensin II complex, subunit D3	1,1
12700020	514773	SOCS5	suppressor of cytokine signaling 5	1,1
12818163	613966	PLA2G10	phospholipase A2, group X	1,1
12788107	539509	RXFP3	relaxin/insulin-like family peptide receptor 3	1,1
12774328	280802	GCG	glucagon	1,1
12877380	338085	COPE	coatamer protein complex, subunit epsilon	1,1

12680949	522374	PAQR9	progesterone and adipoQ receptor family member IX	1,1
12787211	508963	LOC508963	hypothetical LOC508963	1,1
12862285	614434	CDCA3	cell division cycle associated 3	1,1
12698371	280748	CEL	carboxyl ester lipase (bile salt-stimulated lipase)	1,1
12886892	535305	ALKBH7	alkB, alkylation repair homolog 7 (E. coli)	1,1
12848053	784007	LOC784007	similar to LOC496253 protein	1,1
12692494	785383	ACOT2	acyl-CoA thioesterase 2	1,1
12816668	514026	PVRIG	poliovirus receptor related immunoglobulin domain containing	1,1
12768761	508367	MAP3K14	mitogen-activated protein kinase kinase kinase 14	1,1
12821320	100337417	LOC100337417	hypothetical protein LOC100337417	1,1
12689270	513958	EIF2B2	eukaryotic translation initiation factor 2B, subunit 2 beta, 39kDa	1,1
12789683	510283	TRMT61A	tRNA methyltransferase 61 homolog A (S. cerevisiae)	1,1
12784790	789937	WDTC1	WD and tetratricopeptide repeats 1	1,1
12804415	280901	PRL	prolactin	1,1
12758806	538548	FBL	fibrillarin	1,1
12727354	509058	CRY2	cryptochrome 2 (photolyase-like)	1,1
12704820	508327	ATP6V1C2	ATPase, H ⁺ transporting, lysosomal 42kDa, V1 subunit C2	1,1
12829257	100336747	LOC100336747	EH-domain containing 1-like	1,1
12837032	506537	ALG14	asparagine-linked glycosylation 14 homolog	1,1
12714756	512377	RIP5	RAB5-interacting protein	1,1
12764965	539169	GAS2L2	growth arrest-specific 2 like 2	1,1
12845894	530196	NHLH1	nescient helix loop helix 1	1,1
12868591	617289	LOC617289	hypothetical protein LOC617289	1,1
12795549	514459	LOC514459	similar to family with sequence similarity 3, member D	1,1
12793035	531169	LOC531169	similar to myeloid-associated differentiation marker	1,1
12753991	617775	MGC139265	similar to Prostate tumor over expressed gene 1	1,1
12842578	281019	BCAN	brevican	1,1
12903581	509235	ACE2	angiotensin I converting enzyme (peptidyl-dipeptidase A) 2	1,1
12852359	781590	CLEC2L	C-type lectin domain family 2, member L	1,1
12910340	618686	LOC618686	similar to hCG1799335	1,1
12806203	533917	GSTA4	glutathione S-transferase alpha 4	1,1
12888569	789618	CDC42SE2	CDC42 small effector 2	1,1
12741021	614345	ARPC5	actin related protein 2/3 complex, subunit 5, 16kDa	1,1
12812717	515675	RAB26	RAB26, member RAS oncogene family	1,1
12835013	617154	LOC617154	similar to PNG protein	1,1
12679622	509739	WRB	tryptophan rich basic protein	1,1
12762603	510356	TNK1	tyrosine kinase, non-receptor, 1	1,1
12876011	781731	EIF4E2	eukaryotic translation initiation factor 4E family member 2	1,1
12882815	100301224	LOC100301224	similar to cytochrome P450, family 4, subfamily F, polypeptide 2	1,1
12697878	789029	LOC789029	similar to TRD@ protein	1,1
12803471	613714	C23H6ORF105	chromosome 6 open reading frame 105 ortholog	1,1
12818500	767831	ZNF668	zinc finger protein 668	1,1
12883035	280789	F12	coagulation factor XII (Hageman factor)	1,1
12862784	767927	FAM19A5	similar to TAF1A5	1,1
12888358	786929	RPL12	ribosomal protein L12	1,1
12866079	515215	DNAJC22	DnaJ (Hsp40) homolog, subfamily C, member 22	1,1
12780717	505754	DUSP19	dual specificity phosphatase 19	1,1
12749806	504236	TMC4	transmembrane channel-like 4	1,1
12826411	523833	ZNF488	zinc finger protein 488	1,1
12841380	617017	RAMP1	receptor (G protein-coupled) activity modifying protein 1	1,1
12832661	281654	CABP2	calcium binding protein 2	1,1
12888606	791041	MIR23A	microRNA mir-23a	1,1

12729110	534509	HPX	hemopexin	1,1
12771769	534479	DNAI2	dynein, axonemal, intermediate chain 2	1,1
12873091	100337158	LOC100337158	hypothetical protein LOC100337158	1,1
12868685	618369	LOC618369	similar to Lactosylceramide 4-alpha-galactosyltransferase (Alpha-1,4-galactosyltransferase) (UDP-galactose:beta-D-galactosyl-beta1-R 4-alpha-D-galactosyltransferase) (Alpha-1,4-N-acetylglucosaminyltransferase) (Alpha4Gal-T1) (Globotriaosylceramide	1,1
12832247	791034	MIR192	microRNA mir-192	1,1
12893775	514239	TNFSF15	tumor necrosis factor (ligand) superfamily, member 15	1,1
12701077	527248	LOC527248	similar to olfactory receptor 356	1,1
12678375	100301407	LOC100301407	hypothetical protein LOC100301407	1,1
12732274	518794	MAP6	microtubule-associated protein 6	1,1
12856422	100299984	LOC100299984	similar to keratin 6A	1,1
12683540	327663	ATP2C1	ATPase, Ca++ transporting, type 2C, member 1	1,1
12700319	517881	LOC517881	hypothetical LOC517881	1,1
12827061	614741	LOC614741	similar to formin 2	1,1
12820681	538720	WNT8B	wingless-type MMTV integration site family, member 8B	1,1
12752266	522670	RELB	v-rel reticuloendotheliosis viral oncogene homolog B	1,1
12766396	789790	LOC789790	similar to RIKEN cDNA 1500005I02	1,1
12864875	507130	LTA4H	leukotriene A4 hydrolase	1,1
12753276	538683	SYNGR4	synaptogyrin 4	1,1
12758547	533926	KPTN	kaptin (actin binding protein)	1,1
12836721	505707	LOC505707	similar to Protein FAM78B	1,1
12811682	504565	STUB1	STIP1 homology and U-box containing protein 1	1,1
12901247	541071	NCOA7	nuclear receptor coactivator 7	1,1
12678675	281724	CRYGS	crystallin, gamma S	1,1
12910319	617499	LOC617499	similar to Ssu72 RNA polymerase II CTD phosphatase homolog	1,1
12698041	100295089	LOC100295089	hypothetical protein LOC100295089	1,1
12817210	524155	PARN	poly(A)-specific ribonuclease (deadenylation nuclease)	1,1
12831867	616242	FEN1	flap structure-specific endonuclease 1	1,1
12827755	282088	TACR2	tachykinin receptor 2	1,1
12869004	781730	LOC781730	similar to ecto-NAD+ glycohydrolase	1,1
12865938	514441	CECR5	cat eye syndrome chromosome region, candidate 5 isoform 2 precursor	1,1
12760792	281386	SERPINF1	serpin peptidase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 1	1,1
12800439	614759	LSM3	LSM3 homolog, U6 small nuclear RNA associated (S. cerevisiae)	1,1
12683002	100301237	LOC100301237	similar to trefoil factor 1	1,1
12692622	787749	LOC787749	hypothetical LOC787749	1,1
12826339	519575	TTC13	tetratricopeptide repeat domain 13	1,1
12750252	507005	UBA2	ubiquitin-like modifier activating enzyme 2	1,1
12802242	517805	FOXP4	forkhead box P4	1,1
12725842	539092	OXR1	oxidation resistance 1	1,1
12845219	521560	WDR65	WD repeat domain 65	1,1
12870406	504250	CRMP1	collapsin response mediator protein 1	1,1
12798175	407217	EGFR	epidermal growth factor receptor (erythroblastic leukemia viral (v-erb-b) oncogene homolog, avian)	1,1
12809501	510319	CABYR	calcium binding tyrosine-(Y)-phosphorylation regulated	1,1
12834283	529762	TMEM126A	transmembrane protein 126A	1,1
12814573	787961	NTN3	netrin 3	1,1
12830486	512435	TPM3	similar to tropomyosin 3	1,1
12773125	618597	LOC618597	similar to olfactory receptor	1,1

12716688	539543	ADRA1D	adrenergic, alpha-1D-, receptor	1,1
12809083	100337099	LOC100337099	haloacid dehalogenase-like hydrolase domain-containing protein 2-like	1,1
12811895	506290	IQCK	IQ motif containing K	1,1
12741075	614837	SSU72	SSU72 RNA polymerase II CTD phosphatase homolog (S. cerevisiae)	1,1
12727328	508671	HSPB2	heat shock 27kDa protein 2	1,1
12882457	789082	SF3A2	splicing factor 3a, subunit 2, 66kDa	1,1
12737939	100140500	SAMD11	sterile alpha motif domain containing 11	1,1
12902461	100299005	LOC100299005	similar to X antigen family, member 5	1,1
12891293	537068	LOC537068	similar to piwi like homolog 2	1,1
12790398	526538	VPS33B	vacuolar protein sorting 33 homolog B (yeast)	1,1
12755124	100139191	LOC100139191	similar to hCG1796489	1,1
12805318	511195	CYP39A1	cytochrome P450, family 39, subfamily A, polypeptide 1	1,1
12814671	789280	KPNA7	karyopherin alpha 7 (importin alpha 8)	1,1
12726822	282514	PAFAH1B2	platelet-activating factor acetylhydrolase, isoform Ib, subunit 2 (30kDa)	1,1
12839515	530352	SLC39A1	solute carrier family 39 (zinc transporter), member 1	1,1
12880505	533595	TLE2	transducin-like enhancer of split 2 (E(sp1) homolog, Drosophila)	1,1
12748775	100140915	LOC100140915	similar to Zinc finger protein 583 (Zinc finger protein L3-5)	1,1
12784665	784764	LYPLA2	lysophospholipase II	1,1
12763454	516041	SPNS3	spinster homolog 3 (Drosophila)	1,1
12684282	510430	RTP1	receptor (chemosensory) transporter protein 1	1,1
12842405	100297713	LOC100297713	hypothetical protein LOC100297713	1,1
12806943	618888	C23H6orf64	chromosome 6 open reading frame 64 ortholog	1,1
12699381	507942	MGC152281	hypothetical LOC507942	1,1
12830303	510521	TSGA10IP	testis specific, 10 interacting protein	1,1
12774496	281689	CHRNA7	cholinergic receptor, nicotinic, gamma	1,1
12883497	404546	HSD11B1L	hydroxysteroid (11-beta) dehydrogenase 1-like	1,1
12706189	521846	LOC521846	similar to CG15216 CG15216-PA	1,1
12693124	100298610	LOC100298610	hypothetical protein LOC100298610	1,1
12904813	531026	LOC531026	similar to melanoma antigen family A, 10	1,1
12703404	100138783	LOC100138783	similar to Uncharacterized protein C9orf114	1,1
12834674	539138	ZNHIT2	zinc finger, HIT type 2	1,1
12807973	517668	LOC517668	similar to Uncharacterized protein C18orf51	1,1
12867305	535207	CCDC65	coiled-coil domain containing 65	1,1
12852691	100297783	LOC100297783	hypothetical protein LOC100297783	1,1
12835098	618481	FGF3	fibroblast growth factor 3 (murine mammary tumor virus integration site (v-int-2) oncogene homolog)	1,1
12872362	615433	LOC615433	hypothetical LOC615433	1,1
12754924	790053	BOSTAUV1R430	vomeroneural 1 receptor bosTauV1R430	1,1
12745221	100300938	LOC100300938	hypothetical protein LOC100300938	1,1
12811960	507210	ALG1	asparagine-linked glycosylation 1, beta-1,4-mannosyltransferase homolog (S. cerevisiae)	1,1
12822448	523124	PSD	pleckstrin and Sec7 domain containing	1,1
12712609	539110	KBTD7	kelch repeat and BTB (POZ) domain containing 7	1,1
12754883	789841	LOC789841	similar to mCG125076	1,1
12782946	534325	CUL3	cullin 3	1,1
12771810	534625	CUEC1	CUE domain containing 1	1,1
12864047	281742	NDUFA12	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 12	1,1
12827931	509022	ARHGAP22	Rho GTPase activating protein 22	1,1
12875632	614785	LOC614785	similar to Nucleosome assembly protein 1-like 1 (NAP-1-related protein) (hNRP)	1,1
12882380	787604	LOC787604	similar to olfactory receptor Olr1075	1,1
12701947	538444	SET	SET nuclear oncogene	1,1

12758044	526153	BRD7	bromodomain containing 7	1,1
12741282	617001	C16H1orf93	chromosome 1 open reading frame 93 ortholog	1,1
12813361	530317	SOX8	SR Y (sex determining region Y)-box 8	1,1
12750188	506401	GLTSCR2	glioma tumor suppressor candidate region gene 2	1,1
12837608	510296	LMX1A	LIM homeobox transcription factor 1, alpha	1,1
12826922	539977	NRG3	neuregulin 3	1,1
12824516	616799	GIN54	GIN5 complex subunit 4 (Sld5 homolog)	1,1
12799502	527321	KLHDC8B	kelch domain containing 8B	1,1
12909230	533597	LOC533597	similar to carbonic anhydrase VB, mitochondrial	1,1
12806250	535288	ZNRD1	zinc ribbon domain containing 1	1,1
12713419	100313259	MIR296	microRNA mir-296	1,1
12780055	100337005	LOC100337005	delta-notch-like EGF repeat-containing transmembrane-like	1,1
12793233	534148	BLM	Bloom syndrome, RecQ helicase-like	1,1
12776378	512883	PTPN4	protein tyrosine phosphatase, non-receptor type 4 (megakaryocyte)	1,1
12737623	768080	TMCC2	transmembrane and coiled-coil domain family 2	1,1
12872974	100313222	MIR2447	microRNA mir-2447	1,1
12889180	282647	PAPPA	pregnancy-associated plasma protein A, pappalysin 1	1,1
12844104	510868	LOC510868	similar to family with sequence similarity 19 (chemokine (C-C motif)-like), member A3	1,1
12756093	503577	DBP	D site of albumin promoter (albumin D-box) binding protein	1,1
12823147	615557	LOC615557	similar to RIKEN cDNA A930008G19	1,1
12894396	529284	LOC529284	similar to olfactory receptor Olr833	1,1
12885923	524523	TIFAB	TRAF-interacting protein with forkhead-associated domain, family member B	1,1
12780317	281976	PDE6D	phosphodiesterase 6D, cGMP-specific, rod, delta	1,1
12803719	618849	HMGA1	high mobility group AT-hook 1	1,1
12687010	616971	LOC616971	similar to hCG2041270	1,1
12734598	282000	PRELP	proline/arginine-rich end leucine-rich repeat protein	1,1
12762156	507697	RNF157	ring finger protein 157	1,1
12832525	100336481	LOC100336481	cardiotrophin-like cytokine factor 1-like	1,1
12703421	100139115	SURF1	surfeit 1	1,1
12841267	615989	LOC615989	similar to Protein FAM151A	1,1
12755683	281282	LIM2	lens intrinsic membrane protein 2, 19kDa	1,1
12761669	505069	SLC13A2	solute carrier family 13 (sodium-dependent dicarboxylate transporter), member 2	1,1
12862666	618896	ADM2	adrenomedullin 2	1,1
12832115	783205	LOC783205	similar to olfactory receptor Olr1194	1,1
12773837	100138312	ACSL3	acyl-CoA synthetase long-chain family member 3	1,1
12770041	513258	PGAP3	post-GPI attachment to proteins 3	1,1
12842942	353111	NTRK1	neurotrophic tyrosine kinase, receptor, type 1	1,1
12846714	538194	CELSR2	cadherin, EGF LAG seven-pass G-type receptor 2 (flamingo homolog, Drosophila)	1,1
12836193	319094	EDN2	endothelin 2	1,1
12790684	536930	LOC536930	hypothetical LOC536930	1,1
12837654	510542	BEST4	bestrophin 4	1,1
12713353	100297905	LOC100297905	hypothetical LOC100297905	1,1
12888667	100125302	TMEM8B	transmembrane protein 8B	1,1
12888440	787466	CRB3	crumbs homolog 3 (Drosophila)	1,1
12692792	100125877	GRINL1A	glutamate receptor, ionotropic, N-methyl D-aspartate-like 1A	1,1
12695152	518599	LCTL	lactase-like	1,1
12747096	527499	P2RX2	purinergic receptor P2X, ligand-gated ion channel, 2	1,1
12717879	100336694	LOC100336694	regulator of telomere length-like	1,1
12817762	533977	BUD31	BUD31 homolog (S. cerevisiae)	1,1
12818804	100313189	MIR2396	microRNA mir-2396	1,1
12746485	513072	MMP17	matrix metalloproteinase 17 (membrane-inserted)	1,1

12885438	514933	EBI3	Epstein-Barr virus induced 3	1,1
12881989	618387	DIRAS1	DIRAS family, GTP-binding RAS-like 1	1,1
12840691	539670	SCAMP3	secretory carrier membrane protein 3	1,1
12861950	540425	RARG	retinoic acid receptor, gamma	1,1
12884416	508744	PCSK4	proprotein convertase subtilisin/kexin type 4	1,1
12768445	507083	C19H17orf61	chromosome 17 open reading frame 61 ortholog	1,1
12836108	286856	PRLH	prolactin releasing hormone	1,1
12737832	789538	LOC789538	similar to KIAA1747 protein	1,1
12738794	504987	PYCR2	pyrroline-5-carboxylate reductase family, member 2	1,1
12841221	615465	TSTD1	thiosulfate sulfurtransferase (rhodanese)-like domain containing 1	1,1
12812600	515135	CDIPT	CDP-diacylglycerol--inositol 3-phosphatidyltransferase (phosphatidylinositol synthase)	1,1
12800430	614730	NICN1	nicolin 1	1,1
12894144	521059	LOC521059	similar to Proctasin precursor (Serine protease 8)	1,1
12900267	515652	HMG3	high mobility group nucleosomal binding domain 3	1,1
12678189	100139125	MCF2L2	MCF.2 cell line derived transforming sequence-like 2	1,1
12818583	785640	TMC7	transmembrane channel-like 7	1,1
12693121	100298572	LOC100298572	hypothetical protein LOC100298572	1,1
12742021	282289	NDUFC1	NADH dehydrogenase (ubiquinone) 1, subcomplex unknown, 1, 6kDa	1,1
12706464	527492	CTNNA2	catenin (cadherin-associated protein), alpha 2	1,1
12705205	510774	ABHD1	abhydrolase domain containing 1	1,1
12862577	617975	H1F0	H1 histone family, member 0	1,1
12761479	504418	SLC25A19	solute carrier family 25 (mitochondrial thiamine pyrophosphate carrier), member 19	1,1
12751769	515334	ZNF350	zinc finger protein 350	1,1
12726865	287327	NDUFS3	NADH dehydrogenase (ubiquinone) Fe-S protein 3, 30kDa (NADH-coenzyme Q reductase)	1,1
12847260	613842	PDCD1	programmed cell death 1	1,1
12816619	513650	PA1	PAXIP1-associated protein 1	1,1
12886543	533359	MXD3	MAX dimerization protein 3	1,1
12832479	100313196	MIR2408	microRNA mir-2408	1,1
12864086	281970	PDE1B	phosphodiesterase 1B, calmodulin-dependent	1,1
12902184	618416	LOC618416	similar to Leukocyte immunoglobulin-like receptor subfamily B member 3 precursor (Leukocyte immunoglobulin-like receptor 3) (LIR-3) (Immunoglobulin-like transcript 5) (ILT-5) (Monocyte inhibitory receptor HL9) (CD85a antigen)	1,1
12708772	100296999	LOC100296999	hypothetical protein LOC100296999	1,1
12754237	618782	TEPP	testis, prostate and placenta expressed	1,1
12810925	100139916	LOC100139916	similar to interleukin 32	1,1
12730331	784945	LOC784945	similar to Calcitonin gene-related peptide 2 precursor (Calcitonin gene-related peptide II) (CGRP-II) (Beta-type CGRP)	1,1
12807755	507987	MC5R	melanocortin 5 receptor	1,1
12766663	100141108	LOC100141108	similar to keratin associated protein 4-7	1,1
12826710	536656	CCDC109A	coiled-coil domain containing 109A	1,1
12849937	511386	LOC511386	similar to nucleophosmin 1	1,1
12770358	515000	KRT38	keratin 38	1,1
12728324	520778	LOC520778	similar to ubiquilin 2	1,1
12743916	536747	CCDC64	coiled-coil domain containing 64	1,1
12898757	613316	LOC613316	similar to ubiquinol--cytochrome c reductase	1,1
12865375	510654	HDAC10	histone deacetylase 10	1,1
12773289	281901	LLGL1	lethal giant larvae homolog	1,1
12768809	508470	LOC508470	hypothetical LOC508470	1,1
12752361	525408	NFKBIB	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, beta	1,1

12774305	100337303	LOC100337303	WD and tetratricopeptide repeats 1-like	1,1
12731651	510280	COMMD9	COMM domain containing 9	1,1
12886235	529425	LOC529425	similar to hCG1650801	1,1
12742000	282199	COX6A1	cytochrome c oxidase subunit VIa polypeptide 1	1,1
12890120	511923	CA9	carbonic anhydrase IX	1,1
12784175	614627	TMEM222	transmembrane protein 222	1,1
12740910	540889	PHF13	PHD finger protein 13	1,1
12701121	528994	LOC528994	similar to transmembrane protein 166	1,1
12816502	512756	COPS6	COP9 constitutive photomorphogenic homolog subunit 6 (Arabidopsis)	1,1
12708072	616148	LBH	limb bud and heart development homolog (mouse)	1,1
12877985	506657	MRPL55	mitochondrial ribosomal protein L55	1,1
12775352	505501	TMEM177	transmembrane protein 177	1,1
12776754	516886	TRIM62	tripartite motif-containing 62	1,1
12681250	531327	LAMP3	lysosomal-associated membrane protein 3	1,1
12704554	507498	CKAP2L	cytoskeleton associated protein 2-like	1,1
12755985	338064	NDUFA3	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 3, 9kDa	1,1
12858439	507421	KRT83	keratin 83	1,1
12755650	281174	FUT1	fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransferase, H blood group)	1,1
12902425	100297779	LOC100297779	similar to X antigen family, member 5	1,1
12856116	782187	THSD7A	thrombospondin, type I, domain containing 7A	1,1
12765694	618459	LOC618459	similar to Protein FAM101B	1,1
12765876	783256	BRIP1	BRCA1 interacting protein C-terminal helicase 1	1,1
12698549	282022	PTGS1	prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclooxygenase)	1,1
12809623	512977	RBBP8	retinoblastoma binding protein 8	1,1
12830405	511469	ALDH3B1	aldehyde dehydrogenase 3 family, member B1	1,1
12885640	518715	SHD	Src homology 2 domain containing transforming protein D	1,1
12813399	531821	FLYWCH1	FLYWCH-type zinc finger 1	1,1
12711982	519627	ADPRHL1	ADP-ribosylhydrolase like 1	1,1
12865842	513830	CBX6	chromobox homolog 6	1,1
12892930	505507	RPS7	ribosomal protein S7	1,1
12814387	618554	LOC618554	similar to olfactory receptor 1326	1,1
12736871	536765	CASZ1	castor zinc finger 1	1,1
12846075	532569	S100A9	S100 calcium binding protein A9	1,1
12730388	786625	LOC786625	similar to hCG1820409	1,1
12847970	782367	LOC782367	similar to CD1D antigen, d polypeptide	1,1
12825340	534094	INTS10	integrator complex subunit 10	1,1
12885210	513078	CC2D1A	coiled-coil and C2 domain containing 1A	1,1
12855243	536341	SLC26A5	solute carrier family 26, member 5 (prestin)	1,1
12818575	783396	LOC783396	similar to crocodile CG5069-PA	1,1
12902506	100300877	LOC100300877	similar to X antigen family, member 5	1,1
12872538	617344	SH3BP2	SH3-domain binding protein 2	1,1
12693023	100296496	LOC100296496	hypothetical protein LOC100296496	1,1
12733829	782692	LOC782692	similar to Olfactory receptor 51L1	1,1
12814896	100140355	LOC100140355	similar to zinc finger protein 597	1,1
12720160	528416	NTSR1	neurotensin receptor 1 (high affinity)	1,1
12746623	514530	NOC4L	nucleolar complex associated 4 homolog (S. cerevisiae)	1,1
12756748	509958	MVD	mevalonate (diphospho) decarboxylase	1,1
12868965	781222	TSPAN19	tetraspanin 19	1,1
12879248	516325	TIMM13	translocase of inner mitochondrial membrane 13 homolog (yeast)	1,1
12702783	616678	ZMYND19	zinc finger, MYND-type containing 19	1,1
12752345	524653	PARD6A	par-6 partitioning defective 6 homolog alpha (C. elegans)	1,1
12682497	616639	RBP2	retinol binding protein 2, cellular	1,1

12902939	282367	SLC6A8	solute carrier family 6 (neurotransmitter transporter, creatine), member 8	1,1
12865033	508365	BCL2L14	Bcl2-like 14 (apoptosis facilitator)	1,1
12754556	784051	SDHAF1	succinate dehydrogenase complex assembly factor 1	1,1
12749099	100336600	LOC100336600	solute carrier family 7 (cationic amino acid transporter, y+ system), member 3-like	1,1
12881410	540962	LOC540962	similar to QIL1 protein	1,1
12865769	513641	NCKAP1L	NCK-associated protein 1-like	1,1
12716528	536622	MMP24	matrix metalloproteinase 24 (membrane-inserted)	1,1
12861665	538974	TMEM19	transmembrane protein 19	1,1
12811199	100336591	LOC100336591	hypothetical protein LOC100336591	1,1
12866832	530461	LOC530461	similar to C37A2.6	1,1
12812425	513526	SNRNP25	small nuclear ribonucleoprotein 25kDa (U11/U12)	1,1
12737200	541208	LPGAT1	lysophosphatidylglycerol acyltransferase 1	1,1
12871315	522574	ZFYVE28	zinc finger, FYVE domain containing 28	1,1
12818897	281604	ADRB1	adrenergic, beta-1-, receptor	1,1
12868043	540378	MDM2	Mdm2 p53 binding protein homolog (mouse)	1,1
12763243	514446	FLII	flightless I homolog (Drosophila)	1,1
12754870	789814	LOC789814	similar to UPF0470 protein C19orf51 homolog	1,1
12809866	522631	LOC522631	similar to mCG21813	1,1
12816397	512193	BTBD12	BTB (POZ) domain containing 12	1,1
12802646	529757	LTB	lymphotoxin beta (TNF superfamily, member 3)	1,1
12804726	404081	PRP6	prolactin-related protein VI	1,1
12898360	535975	UST	uronyl-2-sulfotransferase	1,1
12864466	504244	TUBA1C	tubulin, alpha 1c	1,1
12729575	539994	HBE1	hemoglobin, epsilon 1	1,1
12782063	521806	DLX1	distal-less homeobox 1	1,1
12841065	613529	LINGO4	leucine rich repeat and Ig domain containing 4	1,1
12772321	539673	POLDIP2	polymerase (DNA-directed), delta interacting protein 2	1,1
12757352	514932	SNRPD2	small nuclear ribonucleoprotein D2 polypeptide 16.5kDa	1,1
12841500	618247	LOC618247	similar to ZMYM6 protein	1,1
12828795	540577	NPFFR1	neuropeptide FF receptor 1	1,1
12806780	616868	LOC616868	histone H2B-like	1,1
12828697	539510	GDF10	growth differentiation factor 10	1,1
12837565	510012	STIL	SCL/TAL1 interrupting locus	1,1
12807695	505403	HDHD2	haloacid dehalogenase-like hydrolase domain containing 2	1,1
12797530	785909	CACNA2D2	calcium channel, voltage-dependent, alpha 2/delta subunit 2	1,1
12760832	281617	ALDH3A1	aldehyde dehydrogenase 3 family, member A1	1,1
12845106	519504	NUF2	NUF2, NDC80 kinetochore complex component, homolog (S. cerevisiae)	1,1
12865481	511545	C5H12ORF57	chromosome 12 open reading frame 57 ortholog	1,1
12759973	787812	LOC787812	hypothetical LOC787812	1,1
12816213	510343	TEKT4	tektin 4	1,1
12821358	100337455	LOC100337455	hypothetical protein LOC100337455	1,1
12744369	613821	MAP9	microtubule-associated protein 9	1,1
12856635	100336846	LOC100336846	enterophilin-2L-like	1,1
12754928	790139	LILRB3	leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 3	1,1
12803535	615542	MAD2L1BP	MAD2L1 binding protein	1,1
12760624	100337380	LOC100337380	homeobox B6-like	1,1
12880284	529618	GRIA1	glutamate receptor, ionotropic, AMPA 1	1,1
12889567	506997	GALT	galactose-1-phosphate uridylyltransferase	1,1
12770324	514903	DHRS13	dehydrogenase/reductase (SDR family) member 13	1,1
12766674	100196901	LOC100196901	hypothetical LOC100196901	1,1
12766711	100296555	LOC100296555	similar to keratin 13	1,1
12847550	616149	LOC616149	similar to Neuroblastoma breakpoint family member 6	1,1

12839074	523673	SLC1A7	solute carrier family 1 (glutamate transporter), member 7	1,1
12895535	618947	LOC618947	similar to Interferon alpha-B	1,1
12744019	539005	RPS14	ribosomal protein S14	1,1
12831097	523746	RPS6KA4	ribosomal protein S6 kinase, 90kDa, polypeptide 4	1,1
12863509	100190887	LOC100190887	hypothetical protein LOC100190887	1,1
12888475	787763	GRXCR2	glutaredoxin, cysteine rich 2	1,1
12873520	504633	COQ2	coenzyme Q2 homolog, prenyltransferase (yeast)	1,1
12767490	282411	CACNA1G	calcium channel, voltage-dependent, T type, alpha 1G subunit	1,1
12834894	615013	BAD	BCL2-associated agonist of cell death	1,1
12881439	541003	UBE2D2	ubiquitin-conjugating enzyme E2D 2 (UBC4/5 homolog, yeast)	1,1
12840822	540389	KRTCAP2	keratinocyte associated protein 2	1,1
12835397	100139189	CSMD2	CUB and Sushi multiple domains 2	1,1
12841278	616114	TMEM48	transmembrane protein 48	1,1
12814407	618833	IQCE	IQ motif containing E	1,1
12829521	282885	PRDX5	peroxiredoxin 5	1,1
12840709	539708	BARHL2	BarH-like homeobox 2	1,1
12692750	788644	LOC788644	similar to TRDV2S1	1,1
12848624	100336186	LOC100336186	ribosomal protein 10-like	1,1
12818535	768053	AP1S1	adaptor-related protein complex 1, sigma 1 subunit	1,1
12804213	100295296	LOC100295296	similar to ribosomal protein L35a	1,1
12729088	534377	SERGEF	secretion regulating guanine nucleotide exchange factor	1,1
12846879	539294	PPCS	phosphopantothenoylecysteine synthetase	1,1
12761717	505542	MSI2	musashi homolog 2 (Drosophila)	1,1
12884434	508754	PITX1	paired-like homeodomain 1	1,1
12705380	511610	SURF6	surfeit 6	1,1
12793939	783909	LOC783909	similar to spindle and KT associated 2	1,1
12779719	787439	LOC787439	similar to hCG1777421	1,1
12739587	515105	TP73	tumor protein p73	1,1
12830981	520237	SLC22A10	solute carrier family 22, member 10	1,1
12835627	100335151	LOC100335151	hypothetical protein LOC100335151	1,1
12767860	445543	JUP	junction plakoglobin	1,1
12678452	100337313	LOC100337313	hypothetical protein LOC100337313	1,1
12810602	614110	ZBTB7C	zinc finger and BTB domain containing 7C	1,1
12847634	616956	LOC616956	similar to Ras-related protein Rab-17	1,1
12759864	785881	LOC785881	similar to gene model 1082, (NCBI)	1,1
12807319	100313179	MIR2381	microRNA mir-2381	1,1
12833169	506434	TNNI2	troponin I type 2 (skeletal, fast)	1,1
12711233	326584	RPL21	ribosomal protein L21	1,1
12710985	100297592	LOC100297592	hypothetical protein LOC100297592	1,1
12715391	518622	CSE1L	CSE1 chromosome segregation 1-like (yeast)	1,1
12684983	520038	TRIM42	tripartite motif-containing 42	1,1
12775741	508203	ZFAND2B	zinc finger, AN1-type domain 2B	1,1
12728835	531097	LOC531097	similar to olfactory receptor 1231	1,1
12867080	533602	WASH1	WAS protein family homolog 1	1,1
12692503	785698	DUOX2	dual oxidase 2	1,1
12876191	100126050	ELANE	elastase, neutrophil expressed	1,1
12801764	512593	FGD2	FYVE, RhoGEF and PH domain containing 2	1,1
12779964	100298482	LOC100298482	hypothetical protein LOC100298482	1,1
12754615	785418	KCNK6	potassium channel, subfamily K, member 6	1,1
12783622	539153	SLC16A14	solute carrier family 16, member 14 (monocarboxylic acid transporter 14)	1,1
12775421	506243	PLA2G2E	phospholipase A2, group IIE	1,1
12684477	512680	U2AF1	U2 small nuclear RNA auxiliary factor 1	1,1
12877373	338081	ATP5D	ATP synthase, H ⁺ transporting, mitochondrial F1 complex, delta subunit	1,1

12759190	615021	ZNF628	zinc finger protein 628	1,1
12812817	516107	RABL5	RAB, member RAS oncogene family-like 5	1,1
12841545	767907	REG4	regenerating islet-derived family, member 4	1,1
12896926	506714	MGC133692	hypothetical LOC506714	1,1
12791157	615103	LOC615103	endopin 1b	1,1
12882721	100297567	LOC100297567	hypothetical protein LOC100297567	1,1
12762023	507000	SLC13A5	solute carrier family 13 (sodium-dependent citrate transporter), member 5	1,1
12830155	509260	DEAF1	deformed epidermal autoregulatory factor 1 (Drosophila)	1,1
12887583	574092	SPINK1	serine peptidase inhibitor, Kazal type 1	1,1
12773556	788182	KRT32	keratin 32	1,1
12882538	789747	LOC789747	similar to MHC class II regulatory factor RFX1 (Transcription factor RFX1) (Regulatory factor X 1) (RFX) (Enhancer factor C) (EF-C)	1,1
12811578	399680	SLC5A2	solute carrier family 5 (sodium/glucose cotransporter), member 2	1,1
12678289	100296620	LOC100296620	hypothetical protein LOC100296620	1,1
12723878	790067	LOC790067	similar to RIKEN cDNA D730001G18	1,1
12678286	100296266	LOC100296266	hypothetical protein LOC100296266	1,1
12705982	517356	C8G	complement component 8, gamma polypeptide	1,1
12854182	515624	KCP	kielin/chordin-like protein	1,1
12773103	618491	LOC618491	similar to keratin associated protein 4-7	1,1
12772085	538511	GPR142	G protein-coupled receptor 142	1,1
12683338	281733	CXADR	coxsackie virus and adenovirus receptor	1,1
12708992	280787	F10	coagulation factor X	1,1
12686811	615202	C1H21ORF51	chromosome 21 open reading frame 51 ortholog	1,1
12814340	618429	TBL3	transducin (beta)-like 3	1,1
12833333	508832	LSP1	lymphocyte-specific protein 1	1,1
12852380	782609	LOC782609	similar to Nucleosome assembly protein 1-like 1 (NAP-1-related protein) (hNRP)	1,1
12806511	539623	LOC539623	similar to olfactory receptor, family 2, subfamily J, member 3	1,1
12706420	527162	TBC1D8	TBC1 domain family, member 8 (with GRAM domain)	1,1
12843064	497022	CD2	CD2 molecule	1,1
12896292	100295785	LOC100295785	hypothetical protein LOC100295785	1,1
12887697	614425	FAM108A	family with sequence similarity 108, member A1	1,1
12773700	789168	ZACN	zinc activated ligand-gated ion channel	1,1
12877897	100271851	MEF2B	myocyte enhancer factor 2B	1,1
12900646	524507	LOC524507	similar to ribosomal protein S19	1,1
12888032	618451	LYRM7	Lyrm7 homolog (mouse)	1,1
12813002	521304	FOX1	ataxin 2-binding protein 1	1,1
12788949	100337442	LOC100337442	ribosomal protein L35-like	1,1
12794625	504853	PRRT3	proline-rich transmembrane protein 3	1,1
12793437	537483	ADAMTSL3	ADAMTS-like 3	1,1
12741096	615266	LOC615266	similar to rCG48740	1,1
12710183	534579	TFDP1	transcription factor Dp-1	1,1
12899955	509368	TAAR5	trace amine associated receptor 5	1,1
12758324	529844	NLRP13	NLR family, pyrin domain containing 13	1,1
12809293	506387	LAMA1	laminin, alpha 1	1,1
12732544	528475	POU2AF1	POU class 2 associating factor 1	1,1
12834028	519862	LOC519862	pepsinogen-like	1,1
12750648	509656	PSKH1	protein serine kinase H1	1,1
12885460	515270	GAMT	guanidinoacetate N-methyltransferase	1,1
12685821	534913	SETMAR	SET domain and mariner transposase fusion gene	1,1
12828175	520665	FRMPD2	FERM and PDZ domain containing 2	1,1
12700109	515741	CAPN14	calpain 14	1,1

12767562	286817	SLC4A1	solute carrier family 4, anion exchanger, member 1 (erythrocyte membrane protein band 3, Diego blood group)	1,1
12713915	353114	NNAT	neuronatin	1,1
12712341	532560	SLC25A15	solute carrier family 25 (mitochondrial carrier; ornithine transporter) member 15	1,1
12755087	100137797	LOC100137797	hypothetical protein LOC100137797	1,1
12810797	100125308	KCTD5	potassium channel tetramerisation domain containing 5	1,1
12779980	100313162	MIR2357	microRNA mir-2357	1,1
12839173	525579	OTUD7B	OTU domain containing 7B	1,1
12834045	520034	LOC520034	similar to tripartite motif-containing 43	1,1
12903830	512493	LOC512493	similar to KIAA2022 protein	1,1
12817628	531296	MSLNL	mesothelin-like	1,1
12732889	535109	PACSIN3	protein kinase C and casein kinase substrate in neurons 3	1,1
12753322	538943	GINS3	GINS complex subunit 3 (Psf3 homolog)	1,1
12820971	616475	LOC616475	similar to Replication protein A2, 32kDa	1,1
12707396	539071	FAM84A	family with sequence similarity 84, member A	1,1
12742895	518180	LOC518180	similar to MGC84382 protein	1,1
12729666	540413	SLC35C1	solute carrier family 35, member C1	1,1
12835492	100294857	LOC100294857	hypothetical protein LOC100294857	1,1
12831207	526596	SLC22A20	solute carrier family 22, member 20	1,1
12722483	515615	ZC3H3	zinc finger CCCH-type containing 3	1,1
12874362	518371	DGKQ	diacylglycerol kinase, theta 110kDa	1,1
12730824	281787	GLYAT	glycine-N-acyltransferase	1,1
12714706	510677	ADIG	adipogenin	1,1
12880413	532723	RAB11B	RAB11B, member RAS oncogene family	1,1
12785024	100337321	LOC100337321	iroquois homeobox 2-like	1,1
12852513	787003	LOC787003	similar to rCG28098	1,1
12829042	789846	ZNF503	zinc finger protein 503	1,1
12708454	782019	IER5L	immediate early response 5-like	1,1
12829688	504371	SLC25A22	solute carrier family 25 (mitochondrial carrier: glutamate), member 22	1,1
12909727	538781	GPR101	G protein-coupled receptor 101	1,1
12814786	791049	MIR93	microRNA mir-93	1,1
12745611	504557	UPB1	ureidopropionase, beta	1,1
12889792	508019	CER1	cerberus 1, cysteine knot superfamily, homolog (Xenopus laevis)	1,1
12750150	506229	RPS5	ribosomal protein S5	1,1
12867984	540153	TENC1	tensin like C1 domain containing phosphatase (tensin 2)	1,1
12758355	530544	CAPN12	calpain 12	1,1
12865857	514014	XRCC6BP1	XRCC6 binding protein 1	1,1
12836573	505056	GPR35	G protein-coupled receptor 35	1,1
12829447	282121	VEGFB	vascular endothelial growth factor B	1,1
12881762	615657	ATG4D	ATG4 autophagy related 4 homolog D (S. cerevisiae)	1,1
12745115	100297703	LOC100297703	hypothetical protein LOC100297703	1,1
12716791	540815	ABI1	abl-interactor 1	1,1
12703312	788658	LCN9	lipocalin 9	1,1
12797156	617677	CCDC48	coiled-coil domain containing 48	1,1
12878496	510173	SH2D3A	SH2 domain containing 3A	1,1
12901679	790849	LOC790849	similar to 1-deoxyxylulose 5-phosphate synthase	1,1
12799597	531141	SEMA3F	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3F	1,1
12765901	783499	SNRPG	small nuclear ribonucleoprotein polypeptide G	1,1
12778005	535458	GALNT3	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylglactosaminyltransferase 3 (GalNAc-T3)	1,1
12733292	540925	SCN3B	sodium channel, voltage-gated, type III, beta	1,1
12850449	520049	WEE2	WEE1 homolog 2 (S. pombe)	1,1

12863526	100295249	LOC100295249	similar to homeobox C8	1,1
12882629	100138660	LOC100138660	hypothetical protein LOC100138660	1,1
12734282	100336662	LOC100336662	leucine-rich repeat-containing G protein-coupled receptor 5-like	1,1
12696261	537054	POMT2	protein-O-mannosyltransferase 2	1,1
12875995	777600	DCAF16	DDB1 and CUL4 associated factor 16	1,1
12702365	540982	GLE1	GLE1 RNA export mediator homolog (yeast)	1,1
12861674	538993	LOC538993	similar to Uncharacterized protein KIAA0748 homolog	1,1
12739937	523473	TAS1R1	taste receptor, type 1, member 1	1,1
12837509	509745	DPM3	dolichyl-phosphate mannosyltransferase polypeptide 3	1,1
12756446	507431	ECH1	enoyl Coenzyme A hydratase 1, peroxisomal	1,1
12896730	326582	RPS12	ribosomal protein S12	1,1
12746830	518033	SEC14L4	SEC14-like 4 (<i>S. cerevisiae</i>)	1,1
12725954	540923	PGCP	plasma glutamate carboxypeptidase	1,1
12871370	525563	ENOPH1	enolase-phosphatase 1	1,1
12755425	100301148	LOC100301148	similar to zinc finger protein 502	1,1
12740706	539821	LOC539821	similar to espin	1,1
12690184	528647	VSX2	visual system homeobox 2	1,1
12813925	614731	LOC614731	similar to BclA-like protein 2	1,1
12769282	510069	PSMB6	proteasome (prosome, macropain) subunit, beta type, 6	1,1
12801533	508605	BAT3	HLA-B associated transcript 3	1,1
12884991	512138	LOC512138	similar to olfactory receptor Olfr222	1,1
12886872	535033	LIX1	Lix1 homolog (chicken)	1,1
12854758	525725	COL28A1	collagen, type XXVIII, alpha 1	1,1
12751510	513992	CES7	carboxylesterase 7	1,1
12684060	508051	WDR4	WD repeat domain 4	1,1
12811424	282115	UPK3B	uroplakin 3B	1,1
12800924	100295767	LOC100295767	hypothetical protein LOC100295767	1,1
12761235	286768	ATP6V0A1	ATPase, H ⁺ transporting, lysosomal V0 subunit a1	1,1
12681678	537349	DZIP3	DAZ interacting protein 3, zinc finger	1,1
12838464	514541	RAB13	RAB13, member RAS oncogene family	1,1
12686253	539203	DVL3	dishevelled, dsh homolog 3 (<i>Drosophila</i>)	1,1
12801056	280691	H4	histone H4	1,1
12848216	786307	LCE1B	late cornified envelope 1B	1,1
12831608	539480	TOLLIP	toll interacting protein	1,1
12852744	100313342	MIR1843	microRNA mir-1843	1,1
12884486	509117	SPC24	SPC24, NDC80 kinetochore complex component, homolog (<i>S. cerevisiae</i>)	1,1
12722327	513158	TSTA3	tissue specific transplantation antigen P35B	1,1
12727664	512314	LOC512314	similar to olfactory receptor, family 52, subfamily L, member 1	1,1
12756732	509804	WDR87	WD repeat domain 87	1,1
12847506	615684	TMEM61	transmembrane protein 61	1,1
12734667	282438	PRDX6	peroxiredoxin 6	1,1
12702040	539222	PBX3	pre-B-cell leukemia homeobox 3	1,1
12749144	100336812	LOC100336812	zinc finger protein 264-like	1,1
12815339	414921	CLDN4	claudin 4	1,1
12828374	530736	PCBD1	pterin-4 alpha-carbinolamine dehydratase/dimerization cofactor of hepatocyte nuclear factor 1 alpha	1,1
12811925	506708	RADIL	Ras association and DIL domains	1,1
12852927	281066	CDK5	cyclin-dependent kinase 5	1,1
12791964	506584	NMB	neuromedin B	1,1
12814430	618954	C25H7ORF20	chromosome 7 open reading frame 20 ortholog	1,1
12728805	530709	USH1C	Usher syndrome 1C (autosomal recessive, severe)	1,1
12832264	100125880	BLES03	basophilic leukemia expressed protein BLES03	1,1
12800504	615934	CHCHD6	coiled-coil-helix-coiled-coil-helix domain containing 6	1,1
12794630	505218	CHDH	choline dehydrogenase	1,1
12828872	616048	DUSP13	dual specificity phosphatase 13	1,1

12743827	535359	ZNF827	zinc finger protein 827	1,1
12731528	508808	LOC508808	similar to olfactory receptor, family 51, subfamily I, member 2 (predicted)	1,1
12901838	616554	TMEM18	transmembrane protein 18	1,1
12906200	786338	LOC786338	hypothetical LOC786338	1,1
12883481	404125	HDAC3	histone deacetylase 3	1,1
12762576	510274	PCYT2	phosphate cytidyltransferase 2, ethanolamine	1,1
12751361	513154	APLP1	amyloid beta (A4) precursor-like protein 1	1,1
12833051	504885	SLC22A18	solute carrier family 22, member 18	1,1
12882378	787559	LOC787559	similar to olfactory receptor 290	1,1
12799911	535775	BRPF1	bromodomain and PHD finger containing, 1	1,1
12765690	618432	LOC618432	similar to hCG2044133	1,1
12697838	788060	SUMO1	SMT3 suppressor of mif two 3 homolog 1 (S. cerevisiae)	1,1
12692958	100296195	LOC100296195	hypothetical LOC100296195	1,1
12883433	338045	SQSTM1	sequestosome 1	1,1
12825885	281996	CDHR1	cadherin-related family member 1	1,1
12742131	503578	HNF1A	HNF1 homeobox A	1,1
12678402	100336609	LOC100336609	potassium voltage-gated channel, subfamily H, member 8-like	1,1
12697719	785664	STON2	stonin 2	1,1
12696363	537506	MDGA2	MAM domain containing glycosylphosphatidylinositol anchor 2	1,1
12829654	414350	PGA5	pepsinogen 5, group I (pepsinogen A)	1,1
12760633	280800	GAST	gastrin	1,1
12784962	100301340	LOC100301340	similar to geminin	1,1
12817714	532494	IGFALS	insulin-like growth factor binding protein, acid labile subunit	1,1
12894389	528513	IFN-tau-c1	interferon tau c1	1,1
12900712	528156	NR2E1	nuclear receptor subfamily 2, group E, member 1	1,1
12713451	100336856	LOC100336856	sorting nexin 21-like	1,1
12706381	526430	NCK2	NCK adaptor protein 2	1,1
12769025	509255	CDK5RAP3	CDK5 regulatory subunit associated protein 3	1,1
12906522	100299988	LOC100299988	similar to T-box 22	1,1
12805984	526377	GMNN	geminin, DNA replication inhibitor	1,1
12856203	787789	TAS2R38	taste receptor, type 2, member 38	1,1
12829344	280707	TH	tyrosine hydroxylase	1,1
12730340	785036	LOC785036	similar to olfactory receptor Olr60 (predicted)	1,1
12687436	787357	LOC787357	similar to axin interaction partner and dorsalization antagonist	1,1
12802006	514062	EHMT2	euchromatic histone-lysine N-methyltransferase 2	1,1
12755265	100296324	LOC100296324	similar to transthyretin	1,1
12790140	516947	FOXP1	forkhead box G1	1,1
12809364	506830	MPPE1	metallophosphoesterase 1	1,1
12737470	616991	MMEL1	membrane metallo-endopeptidase-like 1	1,1
12766897	100337038	LOC100337038	neuroligin-2-like	1,1
12747078	527441	SLC5A4	solute carrier family 5 (low affinity glucose cotransporter), member 4	1,1
12687139	781858	LOC781858	hypothetical LOC781858	1,1
12902439	100298655	LOC100298655	hypothetical protein LOC100298655	1,1
12695501	525941	SCG3	secretogranin III	1,1
12816143	509274	HAGH	hydroxyacylglutathione hydrolase	1,1
12885355	514111	ARMC6	armadillo repeat containing 6	1,1
12748508	100126046	ZNF444	zinc finger protein 444	1,1
12869792	100337361	LOC100337361	HGF activator preproprotein-like	1,1
12843603	506946	DTYMK	deoxythymidylate kinase (thymidylate kinase)	1,1
12791659	281799	GPR68	G protein-coupled receptor 68	1,1
12694988	515950	HDC	histidine decarboxylase	1,1
12794992	508487	TUSC4	tumor suppressor candidate 4	1,1

12830031	507751	SNX15	sorting nexin 15	1,1
12765283	614322	RUNDC3A	RUN domain containing 3A	1,1
12877640	505158	ICAM5	intercellular adhesion molecule 5, telencephalin	1,1
12878215	508641	RANBP3	RAN binding protein 3	1,1
12708710	789483	ANKRD53	ankyrin repeat domain 53	1,1
12727678	512723	DLAT	dihydrolipoamide S-acetyltransferase	1,1
12762520	509793	NLE1	notchless homolog 1 (Drosophila)	1,1
12804750	407143	HDGFL1	hepatoma derived growth factor-like 1	1,1
12818560	782581	DEXI	Dexi homolog (mouse)	1,1
12752171	521976	DPY19L3	dpy-19-like 3 (C. elegans)	1,1
12802642	529518	LOC529518	similar to hCG1805526	1,1
12899161	100139555	LOC100139555	hypothetical protein LOC100139555	1,1
12741342	767837	TMEM88B	transmembrane protein 88B	1,1
12717747	100140162	LOC100140162	similar to Lck interacting transmembrane adaptor 1	1,1
12849356	404084	SLC4A2	solute carrier family 4, anion exchanger, member 2 (erythrocyte membrane protein band 3-like 1)	1,1
12682759	783608	LOC783608	similar to Glycine cleavage system H protein, mitochondrial	1,1
12855153	535346	ICA1	islet cell autoantigen 1, 69kDa	1,1
12856379	100297600	LOC100297600	hypothetical protein LOC100297600	1,1
12766595	100139452	LOC100139452	similar to Ras-related protein Rab-37	1,1
12821021	767832	GOLGA7B	golgi autoantigen, golgin subfamily a, 7B	1,1
12746995	525975	MYO1H	myosin IH	1,1
12878264	508709	WDR55	WD repeat domain 55	1,1
12888778	100296271	LOC100296271	similar to ELAV-like 2	1,1
12746523	513758	DGCR14	DiGeorge syndrome critical region gene 14	1,1
12789992	514011	LOC514011	similar to putative ISG12(b) protein	1,1
12726655	281055	CD3G	CD3g molecule, gamma (CD3-TCR complex)	1,1
12895113	540767	MGC134007	testes development-related NYD-SP22	1,1
12737816	789209	LRRC38	leucine rich repeat containing 38	1,1
12902782	100337477	LOC100337477	histone cluster 1, H2bk-like	1,1
12762076	507271	LOC507271	similar to ribosomal protein L4	1,1
12732028	513793	EIF3F	eukaryotic translation initiation factor 3, subunit F	1,1
12765171	540997	CNTNAP1	contactin associated protein 1	1,1
12786245	538794	CPEB4	cytoplasmic polyadenylation element binding protein 4	1,1
12777721	532945	CYP20A1	cytochrome P450, family 20, subfamily A, polypeptide 1	1,1
12680249	513918	DNAJC19	DnaJ (Hsp40) homolog, subfamily C, member 19	1,1
12855717	614195	C4H7orf57	chromosome 7 open reading frame 57 ortholog	1,1
12898380	537223	SIM1	single-minded homolog 1 (Drosophila)	1,1
12780430	286810	PTPRN	protein tyrosine phosphatase, receptor type, N	1,1
12709549	512547	ATP11A	ATPase, class VI, type 11A	1,1
12759505	618258	DPEP3	dipeptidase 3	1,1
12738614	282687	CELA2A	chymotrypsin-like elastase family, member 2A	1,1
12793303	534718	STXBP6	syntaxin binding protein 6 (amisyn)	1,1
12831629	539681	FANCF	Fanconi anemia, complementation group F	1,1
12707304	538585	AGBL5	ATP/GTP binding protein-like 5	1,1
12839315	527414	LOC527414	similar to olfactory receptor Olr858	1,1
12859337	513622	MRPL51	mitochondrial ribosomal protein L51	1,1
12811127	100301213	LOC100301213	similar to WD repeat domain 5B	1,1
12865182	509969	CLSTN3	calsyntenin 3	1,1
12890984	531355	ZNF169	zinc finger protein 169	1,1
12787132	505284	CENPH	centromere protein H	1,1
12831915	617109	STIP1	stress-induced-phosphoprotein 1 (Hsp70/Hsp90-organizing protein)	1,1
12872081	539527	BMP3	bone morphogenetic protein 3	1,1
12889132	281961	OSTF1	osteoclast stimulating factor 1	1,1
12788612	100140328	SCFD1	sec1 family domain containing 1	1,1
12721402	789493	COL9A3	collagen, type IX, alpha 3	1,1

12694459	510409	DUOX1	dual oxidase 1	1,1
12768914	508530	PSMC3IP	PSMC3 interacting protein	1,1
12893218	509167	CCL19	chemokine (C-C motif) ligand 19	1,1
12705668	514165	MFSD9	major facilitator superfamily domain containing 9	1,1
12814461	767973	RNF151	ring finger protein 151	1,1
12830904	517432	IGSF9B	immunoglobulin superfamily, member 9B	1,1
12797659	789590	ZXDC	ZXD family zinc finger C	1,1
12726022	615157	SCXB	similar to scleraxis homolog B	1,1
12772215	539108	CCR10	chemokine (C-C motif) receptor 10	1,1
12745970	506974	GATSL3	GATS protein-like 3	1,1
12824732	100313381	MIR486	microRNA mir-486	1,1
12814219	617958	MGC134503	hypothetical protein LOC617958	1,1
12846534	535897	TRIM46	tripartite motif-containing 46	1,1
12786236	538746	SLC45A2	solute carrier family 45, member 2	1,1
12766836	100336181	LOC100336181	hypothetical protein LOC100336181	1,1
12791572	100335812	LOC100335812	hypothetical protein LOC100335812	1,1
12819244	506085	ZDHHC16	zinc finger, DHHC-type containing 16	1,1
12838847	520493	VSIG8	V-set and immunoglobulin domain containing 8	1,1
12905068	535541	LOC535541	similar to mitochondrial solute carrier protein	1,1
12797958	281794	GNAT1	guanine nucleotide binding protein (G protein), alpha transducing activity polypeptide 1	1,1
12746040	508291	HIP1R	huntingtin interacting protein 1 related	1,1
12707414	539149	TUBB2C	tubulin, beta 2C	1,1
12834169	523401	GAL3ST3	galactose-3-O-sulfotransferase 3	1,1
12718784	508158	AHCY	adenosylhomocysteinase	1,1
12828220	522998	LOC522998	similar to coiled-coil domain containing 6	1,1
12821137	788635	LOC788635	hypothetical LOC788635	1,1
12767667	337926	FSCN2	fascin homolog 2, actin-bundling protein, retinal (Strongylocentrotus purpuratus)	1,1
12731138	504346	ALG9	asparagine-linked glycosylation 9, alpha-1,2-mannosyltransferase homolog (S. cerevisiae)	1,1
12793595	540321	CMA1	chymase 1, mast cell	1,1
12725362	518422	SLC7A13	solute carrier family 7, (cationic amino acid transporter, y+ system) member 13	1,1
12781459	513144	LOC513144	similar to endothelin converting enzyme-like 1	1,1
12798335	504831	CNBP	CCHC-type zinc finger, nucleic acid binding protein	1,1
12800626	782599	LOC782599	hypothetical LOC782599	1,1
12808295	536469	WDR7	WD repeat domain 7	1,1
12910689	786034	LOC786034	similar to Ferritin heavy chain (Ferritin H subunit) (Cell proliferation-inducing gene 15 protein)	1,1
12848482	100295705	LOC100295705	similar to cytochrome c oxidase, subunit VIc	1,1
12713277	100295842	LOC100295842	similar to elafin preproprotein	1,1
12765561	617005	MRPL38	mitochondrial ribosomal protein L38	1,1
12871884	537667	LYAR	Ly1 antibody reactive homolog (mouse)	1,1
12686304	539547	HES1	hairy and enhancer of split 1, (Drosophila)	1,1
12751842	515710	HSD17B2	hydroxysteroid (17-beta) dehydrogenase 2	1,1
12755307	100298176	LOC100298176	hypothetical protein LOC100298176	1,1
12773413	784035	RNF43	ring finger protein 43	1,1
12874253	515057	GAR1	GAR1 ribonucleoprotein homolog (yeast)	1,1
12814438	767913	GDPD3	glycerophosphodiester phosphodiesterase domain containing 3	1,1
12885965	525380	IER2	immediate early response 2	1,1
12891363	537926	CEP78	centrosomal protein 78kDa	1,1
12763639	522283	DHRS7B	dehydrogenase/reductase (SDR family) member 7B	1,1
12730651	100337028	LOC100337028	hemoglobin fetal subunit beta-like	1,1
12863696	100336501	LOC100336501	RGD1306462 protein-like	1,1
12789097	282201	CRABP1	cellular retinoic acid binding protein 1	1,1
12862315	614601	C5H12ORF53	chromosome 12 open reading frame 53 ortholog	1,1

12782712	532070	MPP4	membrane protein, palmitoylated 4 (MAGUK p55 subfamily member 4)	1,1
12752685	531192	SULT2B1	sulfotransferase family, cytosolic, 2B, member 1	1,1
12889244	327665	NDUFB6	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 6, 17kDa	1,1
12804008	787441	LOC787441	similar to histone cluster 1, H2aa	1,1
12697060	614197	LOC614197	similar to Uncharacterized protein C14orf105	1,1
12743224	526295	AIFM3	apoptosis-inducing factor, mitochondrion-associated, 3	1,1
12767749	399560	MRPL12	mitochondrial ribosomal protein L12	1,1
12860305	523258	LOC523258	similar to olfactory receptor 282	1,1
12707880	614067	RPL21	ribosomal protein L21	1,1
12846097	532952	MAGI3	membrane associated guanylate kinase, WW and PDZ domain containing 3	1,1
12688633	507864	C10H15orf23	chromosome 15 open reading frame 23 ortholog	1,1
12680025	512069	C1H21ORF70	chromosome 21 open reading frame 70 ortholog	1,1
12800910	100295327	LOC100295327	hypothetical protein LOC100295327	1,1
12863757	100336732	LOC100336732	transmembrane protein 117-like	1,1
12722497	515695	GPR20	G protein-coupled receptor 20	1,1
12885652	519163	KLF16	Kruppel-like factor 16	1,1
12755464	100313475	MIR220D	microRNA mir-220d	1,1
12770847	519558	MINK1	misshapen-like kinase 1 (zebrafish)	1,1
12886200	529056	PLEKHJ1	pleckstrin homology domain containing, family J member 1	1,1
12769391	510596	CHMP6	chromatin modifying protein 6	1,1
12829184	100299596	LOC100299596	hypothetical LOC100299596	1,1
12785037	100337399	LOC100337399	Sodium-dependent dopamine transporter-like	1,1
12730524	100296470	LOC100296470	hypothetical protein LOC100296470	1,1
12869514	100139141	SHROOM3	shroom family member 3	1,1
12842006	789572	AGXT	alanine-glyoxylate aminotransferase	1,1
12878623	510990	PLIN4	perilipin 4	1,1
12872729	785528	CWH43	cell wall biogenesis 43 C-terminal homolog (S. cerevisiae)	1,1
12905311	538983	TAF9B	TAF9B RNA polymerase II, TATA box binding protein (TBP)-associated factor, 31kDa	1,1
12853151	286821	SHH	sonic hedgehog homolog (Drosophila)	1,1
12754540	783134	LOC783134	similar to Leukocyte immunoglobulin-like receptor subfamily B member 3 precursor (Leukocyte immunoglobulin-like receptor 3) (LIR-3) (Immunoglobulin-like transcript 5) (ILT-5) (Monocyte inhibitory receptor HL9) (CD85a antigen)	1,1
12773256	780880	LRRC46	leucine rich repeat containing 46	1,1
12772455	540660	CDC27	cell division cycle 27 homolog (S. cerevisiae)	1,1
12792788	520311	SH3GL3	SH3-domain GRB2-like 3	1,1
12831279	530084	LRFN4	leucine rich repeat and fibronectin type III domain containing 4	1,1
12838199	513533	PMVK	phosphomevalonate kinase	1,1
12773863	100139476	GPR39	G protein-coupled receptor 39	1,1
12801378	505805	LY6G6C	lymphocyte antigen 6 complex, locus G6C	1,1
12784221	614911	PLA2G5	phospholipase A2, group V	1,1
12877953	506578	ELL	elongation factor RNA polymerase II	1,1
12717264	751573	UCN3	urocortin 3 (stresscopin)	1,1
12816054	508215	TMEM8A	transmembrane protein 8A	1,1
12852942	281067	CFTR	cystic fibrosis transmembrane conductance regulator (ATP-binding cassette sub-family C, member 7)	1,1
12847425	615043	H2B	histone H2B-like	1,1
12785651	516044	NSUN2	NOP2/Sun domain family, member 2	1,1

12890909	529657	FOXD4L1	similar to Forkhead box protein D4 (Forkhead-related protein FKHL9) (Forkhead-related transcription factor 5) (FREAC-5) (Myeloid factor-alpha)	1,1
12766631	100140202	LOC100140202	hypothetical protein LOC100140202	1,1
12832117	783525	ATPGD1	ATP-grasp domain containing 1	1,1
12881383	540718	SH3RF2	SH3 domain containing ring finger 2	1,1
12691809	614084	PAPLN	papilin, proteoglycan-like sulfated glycoprotein	1,1
12705793	515303	TCF7L1	transcription factor 7-like 1 (T-cell specific, HMG-box)	1,1
12892075	782525	LOC782525	similar to Eukaryotic translation elongation factor 1 gamma	1,1
12725044	512677	PEX2	peroxisomal biogenesis factor 2	1,1
12748288	782706	LOC782706	similar to ARP3 actin-related protein 3 homolog (yeast)	1,1
12832288	100137759	LOC100137759	similar to beta-1,4-N-acetyl-galactosaminyl transferase 4	1,1
12728245	519145	GLB1L2	galactosidase, beta 1-like 2	1,1
12883451	338063	NDUFA7	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 7, 14.5kDa	1,1
12754562	784636	AP2A1	adaptor-related protein complex 2, alpha 1 subunit	1,1
12776309	512059	MATN1	matrilin 1, cartilage matrix protein	1,1
12901699	100336676	LOC100336676	single-stranded DNA-binding protein, ssb, putative-like	1,1
12872103	539572	LOC539572	similar to hCG21296	1,1
12760237	100138565	KSR1	kinase suppressor of ras 1	1,1
12765930	785375	LOC785375	similar to ULBP27	1,1
12804655	282536	BOLA-DQA3	major histocompatibility complex, class II, DQ alpha, type 3	1,1
12742309	507207	SMPD4	sphingomyelin phosphodiesterase 4, neutral membrane (neutral sphingomyelinase-3)	1,1
12758796	538513	SYT3	synaptotagmin III	1,1
12690508	533372	ADCK1	aarF domain containing kinase 1	1,1
12839535	530908	CREG1	cellular repressor of E1A-stimulated genes 1	1,1
12779057	613474	OBFC2A	oligonucleotide/oligosaccharide-binding fold containing 2A	1,1
12883794	504992	IL17B	interleukin 17B	1,1
12799511	527400	H1FOO	H1 histone family, member O, oocyte-specific	1,1
12901917	100336415	LOC100336415	olfactory receptor 1395-like	1,1
12711137	280761	DCT	dopachrome tautomerase (dopachrome delta-isomerase, tyrosine-related protein 2)	1,1
12728473	524806	MAPK8IP1	mitogen-activated protein kinase 8 interacting protein 1	1,1
12899070	783627	C9H6ORF189	chromosome 6 open reading frame 189 ortholog	1,1
12726296	789523	LOC789523	similar to kinesin family member C2	1,1
12881893	617058	LOC617058	similar to Uncharacterized protein C19orf45	1,1
12881199	539786	SLC6A7	solute carrier family 6 (neurotransmitter transporter, L-proline), member 7	1,1
12838653	516498	PAQR6	progesterone and adipoQ receptor family member VI	1,1
12905935	619156	LOC619156	similar to ribosomal protein L17	1,1
12692815	100125948	RNASE2	ribonuclease, RNase A family, 2 (liver, eosinophil-derived neurotoxin)	1,1
12754551	783562	LOC783562	similar to zinc finger protein 371	1,1
12759375	617306	LOC617306	similar to Coiled-coil domain-containing protein 114	1,1
12698272	100336552	LOC100336552	hypothetical protein LOC100336552	1,1
12766723	100297004	LOC100297004	hypothetical protein LOC100297004	1,1
12722145	509241	DPYS	dihydropyrimidinase	1,1
12717917	100337391	LOC100337391	predicted protein-like	1,1
12792217	510141	CIB1	calcium and integrin binding 1 (calmyrin)	1,1
12781719	516982	C1QL2	complement component 1, q subcomponent-like 2	1,1
12836901	505981	MRPL9	mitochondrial ribosomal protein L9	1,1
12783227	535675	PTPRU	protein tyrosine phosphatase, receptor type, U	1,1
12757543	518761	SPIRE2	spire homolog 2 (Drosophila)	1,1

12749079	100336426	LOC100336426	lipolysis stimulated lipoprotein receptor-like	1,1
12786260	539449	PLK2	polo-like kinase 2 (Drosophila)	1,1
12719197	513753	EDN3	endothelin 3	1,1
12901466	767977	BRP44L	brain protein 44-like	1,1
12812957	520970	LOC520970	similar to Uncharacterized protein KIAA0556	1,1
12794167	100140621	LOC100140621	similar to testis specific serine protease 4	1,1
12816330	511442	TSG118	protein C16orf88 homolog	1,1
12753406	539616	SYT5	synaptotagmin V	1,1
12683252	280812	GYG1	glycogenin 1	1,1
12760968	282179	CHRNA1	cholinergic receptor, nicotinic, beta 1 (muscle)	1,1
12880656	534549	PODNL1	podocan-like 1	1,1
12790079	515911	STRA6	stimulated by retinoic acid gene 6 homolog (mouse)	1,1
12697953	100138153	CNNM3	cyclin M3	1,1
12747460	534619	B3GNT4	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 4	1,1
12750954	510702	ZNF773	zinc finger protein 773	1,1
12895361	616243	PHYHIP	phytanoyl-CoA 2-hydroxylase interacting protein	1,1
12741201	616057	RNF207	ring finger protein 207	1,1
12766558	100138157	LOC100138157	similar to keratin associated protein 9.2	1,1
12726421	100298518	LOC100298518	hypothetical LOC100298518	1,1
12726841	286870	EIF4G2	eukaryotic translation initiation factor 4 gamma, 2	1,1
12900637	524443	T	T, brachyury homolog (mouse)	1,1
12812199	510741	PSMG3	proteasome (prosome, macropain) assembly chaperone 3	1,1
12696463	538402	LOC538402	similar to Protein FAM81A	1,1
12709879	525655	USP12P1	ubiquitin specific peptidase 12 pseudogene 1	1,1
12854769	525946	EPHA1	EPH receptor A1	1,1
12881969	618380	ZFR2	zinc finger RNA binding protein 2	1,1
12778503	539251	MGC157229	hypothetical LOC539251	1,1
12706656	531489	WDR34	WD repeat domain 34	1,1
12779141	614396	LOC614396	hypothetical protein LOC614396	1,1
12766049	787986	NLGN2	neuroligin 2	1,1
12798740	508868	RBM15B	RNA binding motif protein 15B	1,1
12813134	524484	TMEM184A	transmembrane protein 184A	1,1
12829432	281806	GSTP1	glutathione S-transferase pi 1	1,1
12782088	522053	MYO7B	myosin VIIb	1,1
12830164	509704	LOC509704	similar to C11orf9	1,1
12825478	539113	CHRNA6	cholinergic receptor, nicotinic, alpha 6	1,1
12899158	100138447	GJA10	gap junction protein, alpha 10, 62kDa	1,1
12909865	540275	CHRD1	chordin-like 1	1,1
12683216	280705	TF	transferrin	1,1
12863705	100336514	LOC100336514	megalencephalic leukoencephalopathy with subcortical cysts 1 gene product-like	1,1
12775507	506745	FAM46B	family with sequence similarity 46, member B	1,1
12890670	523756	SLC25A37	solute carrier family 25, member 37	1,1
12892616	281108	CTSL2	cathepsin L2	1,1
12859141	511680	TRIOBP	TRIO and F-actin binding protein	1,1
12710651	617473	C12H13orf16	chromosome 13 open reading frame 16 ortholog	1,1
12827763	282162	CAMK2G	calcium/calmodulin-dependent protein kinase II gamma	1,1
12834924	615952	BRMS1L	breast cancer metastasis-suppressor 1-like	1,1
12751853	515857	LOC515857	similar to jerky homolog-like	1,1
12881035	538641	PRR7	proline rich 7 (synaptic)	1,1
12692761	788997	LOC788997	similar to LOC785621 protein	1,1
12805996	528253	JARID2	jumonji, AT rich interactive domain 2	1,1
12691200	539741	RNASE13	ribonuclease, RNase A family, 13 (non-active)	1,1
12892062	781778	LOC781778	similar to interferon-tau	1,1
12901863	615686	SNTG2	syntrophin, gamma 2	1,1
12740964	613732	APITD1	apoptosis-inducing, TAF9-like domain 1	1,1
12847360	614643	LOC614643	similar to ribosomal protein L23a	1,1

12866444	520669	ESYT1	extended synaptotagmin-like protein 1	1,1
12737168	540692	RASAL2	RAS protein activator like 2	1,1
12816236	510490	ZNF500	zinc finger protein 500	1,1
12888227	785007	LOC785007	similar to nascent polypeptide-associated complex alpha subunit	1,1
12892223	786765	LOC786765	similar to cOR13F4 olfactory receptor family 13 subfamily F-like	1,1
12799290	520497	OGG1	8-oxoguanine DNA glycosylase	1,1
12827732	281785	GLUD1	glutamate dehydrogenase 1	1,1
12735304	508781	FMO1	flavin containing monooxygenase 1	1,1
12682693	782016	LOC782016	similar to Uncharacterized protein C11orf51	1,1
12740493	537396	PIK3C2B	phosphoinositide-3-kinase, class 2, beta polypeptide	1,1
12877536	504668	MATK	megakaryocyte-associated tyrosine kinase	1,1
12682761	783679	KRTAP10-8	keratin associated protein 10-8	1,1
12848770	100337375	LOC100337375	KIAA0868 protein-like	1,1
12779379	617045	TMEM169	transmembrane protein 169	1,1
12856436	100300263	LOC100300263	hypothetical protein LOC100300263	1,1
12884018	506518	PEX11G	peroxisomal biogenesis factor 11 gamma	1,1
12713436	100336211	LOC100336211	beta-defensin 118-like	1,1
12813144	524543	TSC22D4	TSC22 domain family, member 4	1,1
12848523	100298213	LOC100298213	hypothetical LOC100298213	1,1
12713180	100138827	ANKRD60	ankyrin repeat domain 60	1,1
12805628	514502	PGC	progastricsin (pepsinogen C)	1,1
12864136	282275	ITFG2	integrin alpha FG-GAP repeat containing 2	1,1
12813908	614344	SNX8	sorting nexin 8	1,1
12726595	280685	F2	coagulation factor II (thrombin)	1,1
12678851	327706	NDUFB4	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 4, 15kDa	1,1
12740700	539756	ZNF648	zinc finger protein 648	1,1
12871088	515407	MOBKL1A	MOB1, Mps One Binder kinase activator-like 1A (yeast)	1,1
12816337	511835	CCDC78	coiled-coil domain containing 78	1,1
12809961	525035	LOC525035	similar to lipoxygenase homology domains 1	1,1
12721018	617534	RSU1	ras suppressor protein 1	1,1
12833536	511908	EHD1	EH-domain containing 1	1,1
12713044	767974	MGC134473	hypothetical protein MGC134473	1,1
12888791	100297225	LOC100297225	hypothetical protein LOC100297225	1,1
12800001	538626	P4HTM	prolyl 4-hydroxylase, transmembrane (endoplasmic reticulum)	1,1
12786923	281031	BTF3	basic transcription factor 3	1,1
12679808	511302	LOC511302	similar to ribosomal protein S12	1,1
12811788	505370	PRKAR1B	protein kinase, cAMP-dependent, regulatory, type I, beta	1,1
12742057	282457	PLA2G1B	phospholipase A2, group IB (pancreas)	1,1
12888240	785402	RGL3	ral guanine nucleotide dissociation stimulator-like 3	1,1
12829170	100297900	LOC100297900	hypothetical protein LOC100297900	1,1
12855998	616862	CCDC129	coiled-coil domain containing 129	1,1
12872177	540151	SLC10A4	solute carrier family 10 (sodium/bile acid cotransporter family), member 4	1,1
12748083	615552	MGST2	microsomal glutathione S-transferase 2	1,1
12800780	785686	LOC785686	hypothetical LOC785686	1,1
12772785	615755	RSAD1	radical S-adenosyl methionine domain containing 1	1,1
12834270	528665	MTNR1B	melatonin receptor 1B	1,1
12843834	508394	CASQ1	calsequestrin 1 (fast-twitch, skeletal muscle)	1,1
12763152	513895	PFN1	profilin 1	1,1
12856714	280711	ACR	acrosin	1,1
12711348	506155	SGCG	sarcoglycan, gamma (35kDa dystrophin-associated glycoprotein)	1,1
12890943	530692	UNC13B	unc-13 homolog B (C. elegans)	1,1

12696644	539408	LOC539408	similar to Glycoprotein hormone beta-5 precursor (Thyrostimulin subunit beta)	1,1
12824711	100297336	LOC100297336	hypothetical protein LOC100297336	1,1
12810804	100125414	LOC100125414	hypothetical protein LOC100125414	1,1
12901567	784866	LOC784866	hypothetical LOC784866	1,1
12695697	528646	ABCD4	ATP-binding cassette, sub-family D (ALD), member 4	1,1
12699347	507722	VPS24	vacuolar protein sorting 24 homolog (S. cerevisiae)	1,1
12678482	100337483	LOC100337483	multiple epidermal growth factor-like domains 6-like	1,1
12763525	518086	CANT1	calcium activated nucleotidase 1	1,1
12794332	281209	GPX1	glutathione peroxidase 1	1,1
12803215	539454	GCM2	glial cells missing homolog 2 (Drosophila)	1,1
12687219	783831	SELT	selenoprotein T	1,1
12791138	614707	SEMA7A	semaphorin 7A, GPI membrane anchor (John Milton Hagen blood group)	1,1
12802708	532528	GNL1	guanine nucleotide binding protein-like 1	1,1
12739563	514939	PGD	phosphogluconate dehydrogenase	1,1
12750796	510219	TOMM40	translocase of outer mitochondrial membrane 40 homolog (yeast)	1,1
12884960	511771	CXCL14	chemokine (C-X-C motif) ligand 14	1,1
12756569	508542	PRODH2	proline dehydrogenase (oxidase) 2	1,1
12877920	506331	MED26	mediator complex subunit 26	1,1
12788731	100299645	LOC100299645	hypothetical protein LOC100299645	1,1
12761316	353107	HSD17B1	hydroxysteroid (17-beta) dehydrogenase 1	1,1
12876955	281671	CCNG1	cyclin G1	1,1
12782594	530641	CROCC	ciliary rootlet coiled-coil, rootletin	1,1
12703589	100300483	LOC100300483	similar to granulysin	1,1
12801645	510593	PSMB9	proteasome (prosome, macropain) subunit, beta type, 9 (large multifunctional peptidase 2)	1,1
12804032	788684	PSORS1C2	psoriasis susceptibility 1 candidate 2	1,1
12770490	515507	TMEM101	transmembrane protein 101	1,1
12714168	505884	KLF6	Kruppel-like factor 6	1,1
12892212	786417	LOC786417	similar to Sp2 transcription factor	1,1
12872331	614135	STX18	syntaxin 18	1,1
12702434	613421	ARPC5L	actin related protein 2/3 complex, subunit 5-like	1,1
12892967	506157	ERP44	endoplasmic reticulum protein 44	1,1
12910529	783688	LOC783688	similar to dynein light chain 1	1,1
12885469	515368	PRSSL1	similar to protease, serine-like 1	1,1
12803698	618164	LOC618164	similar to Histone H1.1	1,1
12881792	616000	GRIN3B	glutamate receptor, ionotropic, N-methyl-D-aspartate 3B	1,1
12830729	514927	ADAMTS15	ADAM metallopeptidase with thrombospondin type 1 motif, 15	1,1
12687147	782776	LOC782776	similar to eukaryotic translation elongation factor 1 alpha 1	1,1
12789088	282177	CHRNA5	cholinergic receptor, nicotinic, alpha 5	1,1
12801335	505355	PECI	peroxisomal D3,D2-enoyl-CoA isomerase	1,1
12763488	516724	FOXN1	forkhead box N1	1,1
12893210	508933	CCL27	chemokine (C-C motif) ligand 27	1,1
12762752	511267	STARD3	StAR-related lipid transfer (START) domain containing 3	1,1
12821334	100337443	LOC100337443	CD163 molecule-like 1-like	1,1
12817129	522441	LOC522441	similar to zinc finger CCCH-type containing 5	1,1
12901974	100336527	LOC100336527	arsenate reductase-like	1,1
12834453	533579	DNAJC4	DnaJ (Hsp40) homolog, subfamily C, member 4	1,1
12794978	508336	CCDC71	coiled-coil domain containing 71	1,1
12695542	526699	LOC526699	similar to olfactory receptor MOR118-1	1,1
12767004	280900	PPY	pancreatic polypeptide	1,1
12699165	505949	RDH14	retinol dehydrogenase 14 (all-trans/9-cis/11-cis)	1,1
12683496	282564	ITGB5	integrin, beta 5	1,1

12763083	513257	TCAP	titin-cap (telethonin)	1,1
12745078	100140764	LOC100140764	similar to Ras-related protein Rap-1b precursor (GTP-binding protein smg p21B)	1,1
12837750	511350	CC2D1B	coiled-coil and C2 domain containing 1B	1,1
12836666	505394	APOA2	apolipoprotein A-II	1,1
12902136	100337338	LOC100337338	protein phosphatase 1, regulatory (inhibitor) subunit 12B-like	1,1
12848526	100298255	LOC100298255	hypothetical LOC100298255	1,1
12815770	506436	ZNF655	zinc finger protein 655	1,1
12844243	511816	SNAPIN	SNAP-associated protein	1,1
12834639	537808	NRXN2	neurexin 2	1,1
12888634	100124498	XPO7	exportin 7	1,1
12829701	504647	RAD9A	RAD9 homolog A (S. pombe)	1,1
12773394	783641	LOC783641	similar to 60S ribosomal protein L12	1,1
12697659	784941	PLEK2	pleckstrin 2	1,1
12770548	515676	LOC515676	similar to CG33196-PB	1,1
12687690	100296004	LOC100296004	similar to myosin, heavy polypeptide 6, cardiac muscle, alpha	1,1
12767434	282173	CDK5R1	cyclin-dependent kinase 5, regulatory subunit 1 (p35)	1,1
12808956	100296475	LOC100296475	similar to ribosomal protein L39	1,1
12698884	497016	FCN2	ficolin (collagen/fibrinogen domain containing lectin) 2 (hucolin)	1,1
12756357	505862	TMEM143	transmembrane protein 143	1,1
12756100	504241	CTRB1	chymotrypsinogen B1	1,1
12857338	319141	GCAT	glycine C-acetyltransferase	1,1
12802194	516410	GGNBP1	gametogenetin binding protein 1	1,1
12806087	530509	SLC26A8	solute carrier family 26, member 8	1,1
12687596	100138482	ABHD12B	abhydrolase domain containing 12B	1,1
12887024	537961	ADAMTS19	ADAM metallopeptidase with thrombospondin type 1 motif, 19	1,1
12688335	497025	BHMT	betaine-homocysteine methyltransferase	1,1
12708832	100336086	LOC100336086	serine/threonine kinase 24-like	1,1
12699779	512803	SLC30A3	solute carrier family 30 (zinc transporter), member 3	1,1
12844032	510239	SEMA4A	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4A	1,1
12758288	529251	KLKBL4	plasma kallikrein-like protein 4	1,1
12740457	536162	ASTN1	astrotactin 1	1,1
12797985	281993	PPARG	peroxisome proliferator-activated receptor gamma	1,1
12704487	506553	CAMSAP1	calmodulin regulated spectrin-associated protein 1	1,1
12794882	507270	RPL29	ribosomal protein L29	1,1
12711358	506251	LOC506251	similar to ribosomal protein L8	1,1
12814721	790103	SEC14L5	SEC14-like 5 (S. cerevisiae)	1,1
12770189	513813	TMC8	transmembrane channel-like 8	1,1
12890151	512696	SHC3	SHC (Src homology 2 domain containing) transforming protein 3	1,1
12741636	100138159	SFI1	Sfi1 homolog, spindle assembly associated (yeast)	1,1
12881128	539540	PCDHA4	protocadherin alpha 4	1,1
12759061	613755	CNTD2	cyclin N-terminal domain containing 2	1,1
12782723	532108	LOC532108	similar to ornithine decarboxylase 1	1,1
12751758	515326	EIF3K	eukaryotic translation initiation factor 3, subunit K	1,1
12817051	519969	MEPCE	methylphosphate capping enzyme	1,1
12895307	614478	LOC614478	hypothetical LOC614478	1,1
12728222	517795	LRTOMT	leucine rich transmembrane and O-methyltransferase domain containing	1,1
12691345	540480	LOC540480	similar to hypohtetical protein	1,1
12807918	514354	KATNAL2	katanin p60 subunit A-like 2	1,1
12791536	100299201	LOC100299201	similar to ribosomal protein L23a	1,1
12840408	537637	SYT6	synaptotagmin VI	1,1

12904934	534246	CCDC22	coiled-coil domain containing 22	1,1
12806416	538553	BAT2	HLA-B associated transcript 2	1,1
12848021	783439	C3H1orf226	chromosome 1 open reading frame 226 ortholog	1,1
12898920	615807	PNLDC1	poly(A)-specific ribonuclease (PARN)-like domain containing 1	1,1
12748161	617823	SNRPD3	small nuclear ribonucleoprotein D3 polypeptide 18kDa	1,1
12723360	540195	RNF19A	ring finger protein 19A	1,1
12756656	509238	TAF1C	TATA box binding protein (TBP)-associated factor, RNA polymerase I, C, 110kDa	1,1
12828627	535699	DLG5	discs, large homolog 5 (Drosophila)	1,1
12708387	767898	ZFP36L2	zinc finger protein 36, C3H type-like 2	1,1
12739998	526409	TNR	tenascin R (restrictin, janusin)	1,1
12720864	615191	PTPLA	protein tyrosine phosphatase-like (proline instead of catalytic arginine), member A	1,1
12905178	537422	DRP2	dystrophin related protein 2	1,1
12814812	100138861	LRWD1	leucine-rich repeats and WD repeat domain containing 1	1,1
12773010	618124	LOC618124	similar to olfactory receptor 376	1,1
12910263	616174	ESX1	ESX homeobox 1	1,1
12806751	615935	LOC615935	similar to mCG2694	1,1
12896203	100139174	POPDC3	popeye domain containing 3	1,1
12879809	523992	LOC523992	similar to olfactory receptor Olr1364	1,1
12888265	785529	LOC785529	similar to chromosome 19 open reading frame 26	1,1
12882010	618634	TRIM17	tripartite motif-containing 17	1,1
12738057	100297408	LOC100297408	similar to Fas apoptotic inhibitory molecule 3	1,1
12854352	518974	ATP6V0A4	ATPase, H ⁺ transporting, lysosomal V0 subunit a4	1,1
12739352	512698	ANGPTL7	angiopoietin-like 7	1,1
12757598	519017	APRT	adenine phosphoribosyltransferase	1,1
12705036	509889	FOSL2	FOS-like antigen 2	1,1
12884165	507825	LOC507825	hypothetical LOC507825	1,1
12793651	613713	NKX2-1	NK2 homeobox 1	1,1
12702626	615712	EXOSC2	exosome component 2	1,1
12759146	614585	FAM96B	family with sequence similarity 96, member B	1,1
12900112	512859	LOC512859	similar to kynurenine aminotransferase III	1,1
12695540	526667	LOC526667	similar to Olfr736 protein	1,1
12876400	100298119	LOC100298119	similar to olfactory receptor, family 7, subfamily A, member 17	1,1
12870933	513470	LOC513470	similar to Putative methyltransferase UPF0383	1,1
12818454	618620	SLC29A4	solute carrier family 29 (nucleoside transporters), member 4	1,1
12733301	541023	ZNF202	zinc finger protein 202	1,1
12756020	360191	NOB1	NIN1/RPN12 binding protein 1 homolog (S. cerevisiae)	1,1
12710601	614423	LOC614423	similar to phosphoglycerate mutase 1 (brain)	1,1
12769973	512975	CLDN7	claudin 7	1,1
12766000	787304	LOC787304	similar to testis-specific protein	1,1
12878593	510796	LONP1	lon peptidase 1, mitochondrial	1,1
12876596	100336848	LOC100336848	hypothetical protein LOC100336848	1,1
12761259	286807	SUMO2	SMT3 suppressor of mif two 3 homolog 2 (S. cerevisiae)	1,1
12735049	505819	MASP2	mannan-binding lectin serine peptidase 2	1,1
12715468	520351	NXT1	NTF2-like export factor 1	1,1
12855476	539665	LRRN3	leucine rich repeat neuronal 3	1,1
12741275	616965	FAM72A	Protein FAM72A	1,1
12908826	523578	MOSPD1	motile sperm domain containing 1	1,1
12792547	515039	CCDC88C	coiled-coil domain containing 88C	1,1
12832477	100313195	MIR2405	microRNA mir-2405	1,1
12826119	509501	SRGN	serglycin	1,1
12682726	782990	LOC782990	hypothetical LOC782990	1,1
12721264	784446	LOC784446	similar to 60S ribosomal protein L5	1,1

12689708	518781	VPS18	vacuolar protein sorting 18 homolog (S. cerevisiae)	1,1
12867928	539913	KCNC2	potassium voltage-gated channel, Shaw-related subfamily, member 2	1,1
12784237	614997	LIN28	lin-28 homolog (C. elegans)	1,1
12803491	614011	LYRM4	LYR motif containing 4	1,1
12687646	100294979	LOC100294979	similar to ADP-ribosylation factor 6	1,1
12752531	528359	LOC528359	similar to zinc finger protein 371	1,1
12883726	504586	ASNA1	arsA arsenite transporter, ATP-binding, homolog 1 (bacterial)	1,1
12762234	508465	DERL2	Der1-like domain family, member 2	1,1
12901937	100298789	LOC100298789	similar to protein phosphatase 2, regulatory subunit B, alpha	1,1
12704484	506521	MRPL41	mitochondrial ribosomal protein L41	1,1
12826379	521207	ZNF365	zinc finger protein 365	1,1
12908347	515181	RAP2C	RAP2C, member of RAS oncogene family	1,1
12892081	783279	LOC783279	similar to hCG1643218	1,1
12833158	506336	YIF1A	Yip1 interacting factor homolog A (S. cerevisiae)	1,1
12831061	522385	LOC522385	similar to olfactory receptor 981	1,1
12745339	281834	HTF9C	HpaII tiny fragments locus 9C	1,1
12787649	520133	ADAMTS16	ADAM metalloproteinase with thrombospondin type 1 motif, 16	1,1
12752156	521868	PTPRH	protein tyrosine phosphatase, receptor type, H	1,1
12720794	541271	TUBB1	tubulin, beta 1	1,1
12860430	525399	P11	26 serine protease	1,1
12731001	337919	MUC15	mucin 15, cell surface associated	1,1
12703258	786493	IL1F7	interleukin 1 family, member 7 (zeta)	1,1
12797841	100336480	LOC100336480	CG8866-like	1,1
12868989	781401	LOC781401	similar to Methyltransferase-like protein 7A precursor (Protein AAM-B)	1,1
12866478	520712	C5H22ORF23	chromosome 22 open reading frame 23 ortholog	1,1
12683211	100337405	LOC100337405	single-minded homolog 2 long-like	1,1
12734212	100299346	LOC100299346	hypothetical protein LOC100299346	1,1
12816964	517409	EIF4H	eukaryotic translation initiation factor 4H	1,1
12704033	282410	CACNA1B	calcium channel, voltage-dependent, N type, alpha 1B subunit	1,1
12772553	613424	ARMC7	armadillo repeat containing 7	1,1
12745572	408021	OASL	2'-5'-oligoadenylate synthetase-like	1,1
12807119	786497	TRIM40	tripartite motif-containing 40	1,1
12704325	505101	NLRP6	NLR family, pyrin domain containing 6	1,1
12760297	100140275	LOC100140275	hypothetical protein LOC100140275	1,1
12720799	613653	ITPA	inosine triphosphatase (nucleoside triphosphate pyrophosphatase)	1,1
12877332	338065	NDUFB7	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 7, 18kDa	1,1
12723527	617133	RGS22	regulator of G-protein signaling 22	1,1
12882202	782690	TCF7	transcription factor 7 (T-cell specific, HMG-box)	1,1
12715572	522020	LOC522020	similar to long palate lung and nasal epithelium protein 3	1,1
12813285	527939	UFSP1	UFM1-specific peptidase 1 (non-functional)	1,1
12856642	100336907	LOC100336907	mCG144546-like	1,1
12690820	535436	KLHDC2	kelch domain containing 2	1,1
12771511	532898	TNS4	tensin 4	1,1
12822436	522307	POLL	polymerase (DNA directed), lambda	1,1
12759604	618470	GNG8	guanine nucleotide binding protein (G protein), gamma 8	1,1
12719431	515300	TMC2	transmembrane channel-like 2	1,1
12908989	527430	LOC527430	similar to Fth1 protein	1,1
12760122	789309	LOC789309	similar to F-box protein 27	1,1
12717580	787596	LOC787596	similar to KIAA1219 protein	1,1

12881125	539354	SLC35A4	solute carrier family 35, member A4	1,1
12902431	100297941	LOC100297941	similar to X antigen family, member 5	1,1
12752495	528272	NPAS1	neuronal PAS domain protein 1	1,1
12842670	281694	CLCA3P	chloride channel accessory 3 (pseudogene)	1,1
12885973	525562	NRTN	neurturin	1,1
12734563	281662	CAPN2	calpain 2, (m/II) large subunit	1,1
12756366	506040	STRN4	striatin, calmodulin binding protein 4	1,1
12805672	515435	COL11A2	collagen, type XI, alpha 2	1,1
12761101	282359	SLC2A4	solute carrier family 2 (facilitated glucose transporter), member 4	1,1
12904582	526175	PCYT1B	phosphate cytidyltransferase 1, choline, beta	1,1
12754114	618181	GRIN2D	glutamate receptor, ionotropic, N-methyl D-aspartate 2D	1,1
12685523	530999	CLSTN2	calsyntenin 2	1,1
12825674	790088	LOC790088	similar to ribosomal protein S28	1,1
12892894	505465	LOC505465	similar to inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase complex-associated protein	1,1
12696484	538718	PNMA1	paraneoplastic antigen MA1	1,1
12769746	511943	DHRS7C	dehydrogenase/reductase (SDR family) member 7C	1,1
12709744	518810	SOHLH2	spermatogenesis and oogenesis specific basic helix-loop-helix 2	1,1
12900030	510743	ARHGAP18	Rho GTPase activating protein 18	1,1
12682982	100298141	LOC100298141	similar to ferritin, light polypeptide	1,1
12708844	100336738	LOC100336738	fibroblast growth factor 9-like	1,1
12833876	516247	PKP3	plakophilin 3	1,1
12827841	369025	PRF1	perforin 1 (pore forming protein)	1,1
12818222	614735	ASPHD1	aspartate beta-hydroxylase domain containing 1	1,1
12879626	522311	ITK	IL2-inducible T-cell kinase	1,1
12828783	540513	RHOBTB1	Rho-related BTB domain containing 1	1,1
12715654	523427	GINS1	GINS complex subunit 1 (Psf1 homolog)	1,1
12868723	618489	H2AFJ	H2A histone family, member J	1,1
12744988	100125388	LOC100125388	hypothetical protein 100125388	1,1
12844951	516188	CCDC24	coiled-coil domain containing 24	1,1
12845755	528492	MPL	myeloproliferative leukemia virus oncogene	1,1
12780895	508065	ZNF362	zinc finger protein 362	1,1
12905929	618701	LOC618701	hypothetical LOC618701	1,1
12852857	280855	MET	met proto-oncogene (hepatocyte growth factor receptor)	1,1
12817716	532550	C7orf27	hypothetical protein LOC532550	1,1
12771467	531519	ASGR2	asialoglycoprotein receptor 2	1,1
12687887	280795	FOS	FBJ murine osteosarcoma viral oncogene homolog	1,1
12737891	100125921	TMEM9	transmembrane protein 9	1,1
12838591	515954	LOC515954	similar to Putative hydroxypyruvate isomerase (Endothelial cell apoptosis protein E-CE1)	1,1
12679131	505581	GRAMD1C	GRAM domain containing 1C	1,1
12759116	614472	POLR2I	polymerase (RNA) II (DNA directed) polypeptide I, 14.5kDa	1,1
12863189	787004	SMAGP	small cell adhesion glycoprotein	1,1
12678279	100295923	LOC100295923	hypothetical protein LOC100295923	1,1
12715018	513908	IFT52	intraflagellar transport 52 homolog (Chlamydomonas)	1,1
12725409	521399	LOC521399	similar to Protein FAM83A	1,1
12902492	100300059	LOC100300059	similar to neuroligin 1	1,1
12813129	522840	C25H7ORF50	chromosome 7 open reading frame 50 ortholog	1,1
12847958	782114	LOC782114	similar to Lysophospholipase I	1,1
12838474	514637	LOC514637	similar to FERM, RhoGEF and pleckstrin domain protein 2	1,1
12774189	100337018	LOC100337018	hypothetical protein LOC100337018	1,1
12851772	613799	LOC613799	similar to CfOLF3	1,1
12695420	523900	CDKL1	cyclin-dependent kinase-like 1 (CDC2-related kinase)	1,1

12814943	100296937	LOC100296937	similar to POZ (BTB) and AT hook containing zinc finger 1 long C	1,1
12899078	785203	LOC785203	hypothetical LOC785203	1,1
12778245	537282	MYO1B	myosin IB	1,1
12877689	505456	STAP2	signal transducing adaptor family member 2	1,1
12876087	784025	LOC784025	similar to ferritin L subunit	1,1
12835071	618318	DOC2G	double C2, gamma	1,1
12741893	100337461	LOC100337461	mitochondrial ribosomal protein L40-like	1,1
12772753	615250	LOC615250	UPF0631 protein HSD24 homolog	1,1
12692916	100295736	LOC100295736	hypothetical protein LOC100295736	1,1
12892742	281816	HINT2	histidine triad nucleotide binding protein 2	1,1
12746759	515651	LOC515651	hypothetical LOC515651	1,1
12689091	512662	CHP	calcium binding protein P22	1,1
12728877	532586	DEPDC7	DEP domain containing 7	1,1
12814317	618306	MPG	N-methylpurine-DNA glycosylase	1,1
12723433	614209	LOC614209	similar to developmentally regulated GTP binding protein 1	1,1
12754908	789978	LOC789978	similar to mCG54481	1,1
12793033	530472	LOC530472	similar to novel G protein-coupled receptor protein	1,1
12869471	791029	MIR148B	microRNA mir-148b	1,1
12860456	525833	DHH	desert hedgehog homolog (Drosophila)	1,1
12809232	497020	ST8SIA5	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 5	1,1
12817906	535210	HCFC1R1	host cell factor C1 regulator 1 (XPO1 dependent)	1,1
12730848	281938	MYOD1	myogenic differentiation 1	1,1
12734216	100299473	LOC100299473	hypothetical protein LOC100299473	1,1
12752256	522431	FFAR2	free fatty acid receptor 2	1,1
12887821	616120	PGLS	6-phosphogluconolactonase	1,1
12705188	510658	SLC2A6	solute carrier family 2 (facilitated glucose transporter), member 6	1,1
12735890	519551	NPHP4	nephronophthisis 4	1,1
12721107	767947	OGFR	opioid growth factor receptor	1,1
12794183	100294865	LOC100294865	hypothetical protein LOC100294865	1,1
12756620	509061	LOC509061	similar to KASH domain-containing protein C19orf46	1,1
12700959	526092	HS1BP3	HCLS1 binding protein 3	1,1
12726133	618305	LOC618305	similar to Speriolin (Spermatogenesis and centriole-associated protein 1) (Spermatogenesis-associated protein 15) (Spermatogenic cell-specific Cdc20-binding protein)	1,1
12717058	617230	ATP5E	ATP synthase, H ⁺ transporting, mitochondrial F1 complex, epsilon subunit	1,1
12804310	100337074	LOC100337074	Leukocyte elastase inhibitor-like	1,1
12806472	539235	CSNK2B	casein kinase 2, beta polypeptide	1,1
12738476	281342	MYOC	myocilin, trabecular meshwork inducible glucocorticoid response	1,1
12708741	100139148	LOC100139148	hypothetical protein LOC100139148	1,1
12767559	282880	SOST	sclerosteosis	1,1
12680954	522692	GP5	glycoprotein V (platelet)	1,1
12746846	518209	C17H22orf25	chromosome 22 open reading frame 25 ortholog	1,1
12876082	783703	LOC783703	similar to Paired mesoderm homeobox protein 2B (Paired-like homeobox 2B) (PHOX2B homeodomain protein) (Neuroblastoma Phox) (NBPhox)	1,1
12870918	513317	TMEM175	transmembrane protein 175	1,1
12818663	789464	FBXL16	F-box and leucine-rich repeat protein 16	1,1
12751100	511870	CNFN	cornifelin	1,1
12831567	538735	HYLS1	hydrolethalus syndrome 1	1,1
12772536	541243	WNT9B	wingless-type MMTV integration site family, member 9B	1,1
12707924	614603	SARDH	sarcosine dehydrogenase	1,1

12755968	317723	GCSH	glycine cleavage system protein H (aminomethyl carrier)	1,1
12892234	787343	LOC787343	similar to Interferon alpha-2	1,1
12708125	616730	KLF11	Kruppel-like factor 11	1,1
12793872	767909	MP68	6.8 kDa mitochondrial proteolipid	1,1
12715443	519798	LOC519798	similar to Signal regulatory protein beta-1 precursor (SIRP-beta-1) (CD172b antigen)	1,1
12703464	100141098	LOC100141098	hypothetical protein LOC100141098	1,1
12868531	616055	CHADL	chondroadherin-like	1,1
12723882	790087	LYPD2	LY6/PLAUR domain containing 2	1,1
12705756	514980	LOC514980	similar to Epididymal-specific lipocalin-9 precursor (MUP-like lipocalin)	1,1
12877357	338077	FUT5	fucosyltransferase 5 (alpha (1,3) fucosyltransferase)	1,1
12829986	507460	TBRG1	transforming growth factor beta regulator 1	1,1
12889307	504630	CENPP	centromere protein P	1,1
12707789	613522	KCMF1	potassium channel modulatory factor 1	1,1
12757645	519706	NPHS1	nephrosis 1, congenital, Finnish type (nephrin)	1,1
12849044	282261	IGFBP3	insulin-like growth factor binding protein 3	1,1
12716079	529814	PTK6	PTK6 protein tyrosine kinase 6	1,1
12872402	615661	COL25A1	collagen, type XXV, alpha 1	1,1
12780527	404134	TMBIM1	transmembrane BAX inhibitor motif containing 1	1,1
12724383	505272	EFCAB1	EF-hand calcium binding domain 1	1,1
12800230	540957	VHL	von Hippel-Lindau tumor suppressor	1,1
12693032	100296598	LOC100296598	hypothetical protein LOC100296598	1,1
12768091	504803	ALOX12B	arachidonate 12-lipoxygenase, 12R type	1,1
12892088	783359	LOC783359	similar to rCG52155	1,1
12815376	504357	AXIN1	axin 1	1,1
12812413	513397	DNAJA3	DnaJ (Hsp40) homolog, subfamily A, member 3	1,1
12812097	508720	LOC508720	similar to class II transactivator	1,1
12741974	282126	YWHAH	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, eta polypeptide	1,1
12893390	511112	CCL21	chemokine (C-C motif) ligand 21	1,1
12899136	100125284	NEPN	nephrocan	1,1
12771203	526787	LOC526787	similar to Tripartite motif protein 47	1,1
12741927	280858	MIF	macrophage migration inhibitory factor (glycosylation-inhibiting factor)	1,1
12812376	512411	ZNF174	zinc finger protein 174	1,1
12819016	282471	SLC18A2	solute carrier family 18 (vesicular monoamine), member 2	1,1
12722499	516158	LYNX1	Ly6/neurotoxin 1	1,1
12861547	538439	AVPR1A	arginine vasopressin receptor 1A	1,1
12832398	100298353	LOC100298353	similar to tectorin alpha	1,1
12718950	510866	ZGPAT	zinc finger, CCCH-type with G patch domain	1,1
12892827	338078	STC1	stanniocalcin 1	1,1
12856037	768008	TMBIM1B	transmembrane Bax inhibitor motif containing 1B	1,1
12738995	507436	G0S2	G0/G1switch 2	1,1
12906458	100295592	LOC100295592	hypothetical protein LOC100295592	1,1
12897456	522099	GABRR2	gamma-aminobutyric acid (GABA) receptor, rho 2	1,1
12741709	100296711	LOC100296711	hypothetical protein LOC100296711	1,1
12724001	100299291	LOC100299291	similar to EH-domain containing 1	1,1
12729965	615873	MRPL48	mitochondrial ribosomal protein L48	1,1
12853555	506910	SLC37A3	solute carrier family 37 (glycerol-3-phosphate transporter), member 3	1,1
12820134	525631	HMX2	H6 family homeobox 2	1,1
12848368	790164	SLAMF7	SLAM family member 7	1,1
12804316	100337465	LOC100337465	alanyl-tRNA synthetase 2, mitochondrial-like	1,1
12813840	540447	RHBDD2	rhomboid domain containing 2	1,1
12765386	615681	SLC39A11	solute carrier family 39 (metal ion transporter), member 11	1,1

12750655	509703	GPR56	G protein-coupled receptor 56	1,1
12716003	529298	L3MBTL	l(3)mbt-like (Drosophila)	1,1
12681037	524771	LOC524771	hypothetical LOC524771	1,1
12901747	100300687	LOC100300687	hypothetical LOC100300687	1,1
12780249	281752	CELA3B	chymotrypsin-like elastase family, member 3B	1,1
12902653	100336657	LOC100336657	cancer/testis antigen family 147, member B1-like	1,1
12812509	514106	MYLPF	myosin light chain, phosphorylatable, fast skeletal muscle	1,1
12714256	506751	LAMA5	laminin, alpha 5	1,1
12833430	510129	TMEM134	transmembrane protein 134	1,1
12858542	508026	OVOS2	ovostatin 2	1,1
12697600	781785	LOC781785	similar to TCRA protein	1,1
12895062	540444	HMGB2	high-mobility group box 2	1,1
12752214	522202	CDH15	cadherin 15, M-cadherin (myotubule)	1,1
12720374	533620	ANKRD26	ankyrin repeat domain 26	1,1
12750419	508062	ZNF135	zinc finger protein 135	1,1
12769315	510175	PROCA1	protein interacting with cyclin A1	1,1
12860168	521214	LOC521214	similar to MGC152498 protein	1,1
12738852	505379	VAMP3	vesicle-associated membrane protein 3 (cellubrevin)	1,1
12814476	768013	ANKRD61	ankyrin repeat domain 61	1,1
12687168	783180	CLDN14	claudin 14	1,1
12820722	539451	NKX2-3	NK2 transcription factor related, locus 3 (Drosophila)	1,1
12839039	522946	ILDR2	immunoglobulin-like domain containing receptor 2	1,1
12829713	504781	CHID1	chitinase domain containing 1	1,1
12763104	513521	ATPAF2	ATP synthase mitochondrial F1 complex assembly factor 2	1,1
12788637	100272170	SERPINA3-2	SERPIN A3-2	1,1
12825748	100336655	LOC100336655	RUN and FYVE domain containing 3-like	1,1
12734000	788263	LOC788263	similar to cOR52N9 olfactory receptor family 52 subfamily N-like	1,1
12778593	540019	MGC159903	hypothetical LOC540019	1,1
12716926	614236	SYS1	SYS1 Golgi-localized integral membrane protein homolog (S. cerevisiae)	1,1
12805892	523297	TCP11	t-complex 11 homolog (mouse)	1,1
12760488	100313413	MIR2331	microRNA mir-2331	1,1
12795779	516682	LOC516682	similar to poly(A)binding protein nuclear-like 1	1,1
12784981	100336745	LOC100336745	hypothetical protein LOC100336745	1,1
12866414	518585	SSTR3	somatostatin receptor 3	1,1
12820916	614810	JAKMIP3	janus kinase and microtubule interacting protein 3	1,1
12812707	515662	EME2	essential meiotic endonuclease 1 homolog 2 (S. pombe)	1,1
12858708	509790	FAIM2	Fas apoptotic inhibitory molecule 2	1,1
12809155	281158	FECH	ferrochelatase (protoporphyrin)	1,1
12868035	540367	FAM113B	Protein FAM113B	1,1
12754693	787014	LOC787014	similar to Paroxysmal nonkinesigenic dyskinesia	1,1
12730111	767975	MS4A7	membrane-spanning 4-domains, subfamily A, member 7	1,1
12862177	613416	LOC613416	similar to heme binding protein 1	1,1
12700406	518896	ADD2	adducin 2 (beta)	1,1
12748842	100295067	LOC100295067	hypothetical protein LOC100295067	1,1
12690012	525892	WDR72	WD repeat domain 72	1,1
12732434	523139	LOC523139	similar to olfactory receptor MOR204-2	1,1
12732724	533492	PVRL1	poliovirus receptor-related 1 (herpesvirus entry mediator C)	1,1
12885725	520750	CILP2	cartilage intermediate layer protein 2	1,1
12832716	327664	PYGM	phosphorylase, glycogen, muscle	1,1
12729396	538559	RHOG	ras homolog gene family, member G (rho G)	1,1
12789006	281070	CHGA	chromogranin A (parathyroid secretory protein 1)	1,1
12872906	100299905	LOC100299905	hypothetical protein LOC100299905	1,1
12711745	512958	EBPL	emopamil binding protein-like	1,1

12707900	614320	IAH1	isoamyl acetate-hydrolyzing esterase 1 homolog (S. cerevisiae)	1,1
12780046	100336946	LOC100336946	G-protein coupled receptor 39-like	1,1
12791335	784002	LOC784002	hypothetical LOC784002	1,1
12796180	529769	TRAIP	TRAF interacting protein	1,1
12826720	536781	LDB3	LIM domain binding 3	1,1
12732520	526623	LOC526623	similar to olfactory receptor, family 51, subfamily E, member 1 (predicted)	1,1
12707318	538680	BCL11A	B-cell CLL/lymphoma 11A (zinc finger protein)	1,1
12784371	616612	LYPD6B	LY6/PLAUR domain containing 6B	1,1
12813985	615361	SNN	stannin	1,1
12682899	100139843	LOC100139843	similar to 6130401L20Rik protein	1,1
12698097	100297754	LOC100297754	hypothetical protein LOC100297754	1,1
12847648	617407	LOC617407	hypothetical protein LOC617407	1,1
12910487	782892	LOC782892	similar to Rhox homeobox family, member 1	1,1
12855941	616493	TSGA13	testis specific, 13	1,1
12827965	510549	RASSF4	Ras association (RalGDS/AF-6) domain family member 4	1,1
12896174	100138755	LOC100138755	similar to nudE nuclear distribution gene E homolog (A. nidulans)-like 1	1,1
12752669	530932	TCEB2	transcription elongation factor B (SIII), polypeptide 2 (18kDa, elongin B)	1,1
12748395	786648	LOC786648	similar to Probable ATP-dependent RNA helicase DDX5 (DEAD box protein 5) (RNA helicase p68)	1,1
12710542	614187	C12H13orf30	chromosome 13 open reading frame 30 ortholog	1,1
12872636	768307	RHOH	ras homolog gene family, member H	1,1
12896283	100295149	LOC100295149	similar to nucleophosmin 1	1,1
12881999	618430	LOC618430	similar to Tyrosine-protein kinase-protein kinase SgK269 (Sugen kinase 269)	1,1
12818362	617906	POP7	processing of precursor 7, ribonuclease P/MRP subunit (S. cerevisiae)	1,1
12893113	507810	LOC507810	hypothetical protein LOC507810	1,1
12715987	529246	TTLL9	tubulin tyrosine ligase-like family, member 9	1,1
12774181	100336923	LOC100336923	SERINC2 protein-like	1,1
12821506	282213	CYP2E1	cytochrome P450, family 2, subfamily E, polypeptide 1	1,1
12684080	508268	CLDN11	claudin 11	1,1
12886210	529296	FCHSD1	FCH and double SH3 domains 1	1,1
12807859	511124	IMPA2	inositol(myo)-1(or 4)-monophosphatase 2	1,1
12683103	100337016	LOC100337016	Down syndrome cell adhesion molecule-like	1,1
12818571	783291	ITPRIPL2	inositol 1,4,5-triphosphate receptor interacting protein-like 2	1,1
12723947	100294916	LOC100294916	hypothetical protein LOC100294916	1,1
12765990	786156	LOC786156	similar to small inducible cytokine A1	1,1
12885126	512718	MPND	MPN domain containing	1,1
12743361	528977	LOC528977	similar to DKFZP434H0735 protein	1,1
12841110	613915	PDZK1IP1	PDZK1 interacting protein 1	1,1
12839170	525507	LOC525507	similar to potassium voltage-gated channel, shaker-related subfamily, member 3	1,1
12790395	526149	LOC526149	similar to myeloid-associated differentiation marker	1,1
12765718	618583	GSDMA	gasdermin A	1,1
12747334	533001	THOC5	THO complex 5	1,1
12747786	538558	BRI3BP	BRI3 binding protein	1,1
12874174	513844	SPON2	spondin 2, extracellular matrix protein	1,1
12894513	532403	LOC532403	similar to olfactory receptor MOR262-6	1,1
12721655	282296	PABPC1	poly(A) binding protein, cytoplasmic 1	1,1
12771489	532143	SMTNL2	smoothelin-like 2	1,1
12798858	510836	TATDN2	TatD DNase domain containing 2	1,1
12703943	281923	MTIF2	mitochondrial translational initiation factor 2	1,1
12817532	528767	LOC528767	similar to Kinesin-like protein KIF19	1,1

12811005	100294963	LOC100294963	similar to small nuclear ribonucleoprotein polypeptide E	1,1
12682508	616710	LOC616710	hypothetical LOC616710	1,1
12900122	513096	C9H6ORF165	chromosome 6 open reading frame 165 ortholog	1,1
12784753	788353	LOC788353	similar to Uncharacterized protein KIAA1522 homolog	1,1
12776633	515112	LOC515112	similar to SOCIUS protein	1,1
12738883	506110	LOC506110	draxin	1,1
12704803	508218	PARF	Rab-like GTP-binding protein 1A	1,1
12850519	521024	LMOD2	leiomodoin 2 (cardiac)	1,1
12686124	538580	LOC538580	p90 autoantigen=like	1,1
12771843	535385	UNC45B	unc-45 homolog B (C. elegans)	1,1
12691753	613614	SLIRP	SRA stem-loop-interacting RNA-binding protein	1,1
12906567	100301262	LOC100301262	similar to cold shock domain protein A short	1,1
12699728	511492	C11H2ORF7	chromosome 2 open reading frame 7 ortholog	1,1
12814265	618021	LCMT1	leucine carboxyl methyltransferase 1	1,1
12793130	533090	POLG	polymerase (DNA directed), gamma	1,1
12842459	100336585	LOC100336585	hypothetical protein LOC100336585	1,1
12762842	511515	AATK	apoptosis-associated tyrosine kinase	1,1
12797653	788394	LOC788394	similar to testis specific serine protease 4	1,1
12859905	518615	FIGNL2	fidgetin-like 2	1,1
12695380	523162	TMEM85	transmembrane protein 85	1,1
12788778	100313039	MIR370	microRNA mir-370	1,1
12752725	532062	PNMAL1	PNMA-like 1	1,1
12899433	280997	AMD1	adenosylmethionine decarboxylase 1	1,1
12772050	538109	KIF19	kinesin family member 19	1,1
12840658	539462	MPZ	myelin protein zero	1,1
12753504	540576	MAG	myelin associated glycoprotein	1,1
12866085	515226	EIF3D	eukaryotic translation initiation factor 3, subunit D	1,1
12867773	538961	ANKRD54	ankyrin repeat domain 54	1,1
12860236	522346	GRAP2	GRB2-related adaptor protein 2	1,1
12812761	515835	ARMC5	armadillo repeat containing 5	1,1
12856284	100139822	MOV10L1	Mov10l1, Moloney leukemia virus 10-like 1, homolog (mouse)	1,1
12906158	785476	MGC152340	hypothetical protein LOC785476	1,1
12722290	512690	FBXL6	F-box and leucine-rich repeat protein 6	1,1
12692002	615979	COX16	COX16 cytochrome c oxidase assembly homolog (S. cerevisiae)	1,1
12829049	100125282	CDHR5	cadherin-related family member 5	1,1
12854374	519041	CRYGN	crystallin, gamma N	1,1
12738329	100337204	LOC100337204	calcium channel, voltage-dependent, L type, alpha 1S subunit-like	1,1
12704663	507840	SSNA1	Sjogren syndrome nuclear autoantigen 1	1,1
12805052	506486	LOC506486	similar to putative olfactory receptor-like protein	1,1
12804290	100336859	LOC100336859	RPEL repeat containing 1-like	1,1
12867700	538470	ENTHD1	ENTH domain containing 1	1,1
12789768	511289	UBL7	ubiquitin-like 7 (bone marrow stromal cell-derived)	1,1
12783512	538598	IRS1	insulin receptor substrate 1	1,1
12774661	286840	SDHB	succinate dehydrogenase complex, subunit B, iron sulfur (Ip)	1,1
12791317	781793	LOC781793	similar to Predicted gene, EG434197	1,1
12736354	527129	SRP9	signal recognition particle 9kDa	1,1
12780547	407107	COL4A4	collagen, type IV, alpha 4	1,1
12796333	533406	PDCD6IP	programmed cell death 6 interacting protein	1,1
12777449	530435	KIF17	kinesin family member 17	1,1
12734555	281652	C4BPB	complement component 4 binding protein, beta	1,1
12869632	100313298	MIR2449	microRNA mir-2449	1,1
12883307	282308	PIK3R2	phosphoinositide-3-kinase, regulatory subunit 2 (beta)	1,1
12783897	540759	SPHKAP	SPHK1 interactor, AKAP domain containing	1,1

12846963	539794	DCLRE1B	DNA cross-link repair 1B (PSO2 homolog, <i>S. cerevisiae</i>)	1,1
12755286	100297241	LOC100297241	hypothetical protein LOC100297241	1,1
12856834	281237	IFNG	interferon, gamma	1,1
12874296	516420	USP46	ubiquitin specific peptidase 46	1,1
12806521	540074	TRIM15	tripartite motif-containing 15	1,1
12864400	404188	NDUFA9	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 9, 39kDa	1,1
12831377	532517	LOC532517	similar to Olfactory receptor 10G9	1,1
12721457	100295316	LOC100295316	similar to PDZ-domain protein scribble	1,1
12812929	520515	CRAMP1L	Crm, cramped-like (<i>Drosophila</i>)	1,1
12753770	615288	SELV	selenoprotein V	1,1
12879836	524354	TMIGD2	transmembrane and immunoglobulin domain containing 2	1,1
12788907	100336536	LOC100336536	hCG2029376-like	1,1
12754832	789519	BOSTAUV1R426	vomeroneasal 1 receptor bosTauV1R426	1,1
12739360	512730	DFFB	DNA fragmentation factor, 40kDa, beta polypeptide (caspase-activated DNase)	1,1
12703574	100299927	LOC100299927	similar to solute carrier family 34 (sodium phosphate), member 3	1,1
12753845	616314	RAB4B	RAB4B, member RAS oncogene family	1,1
12877567	504874	TRAPPC5	trafficking protein particle complex 5	1,1
12862021	540723	RIBC2	RIB43A domain with coiled-coils 2	1,1
12884646	509641	LOC509641	similar to olfactory receptor, family 7, subfamily A, member 17	1,1
12814078	617357	MYL10	myosin, light chain 10, regulatory	1,1
12722004	505732	KCNV1	potassium channel, subfamily V, member 1	1,1
12805219	509838	FRS3	fibroblast growth factor receptor substrate 3	1,1
12698197	100299743	LOC100299743	similar to Maternal Effect Lethal family member (mel-11)	1,1
12796301	532269	CMTM7	CKLF-like MARVEL transmembrane domain containing 7	1,1
12907169	281620	AMELX	amelogenin (amelogenesis imperfecta 1, X-linked)	1,1
12725728	535125	EFR3A	EFR3 homolog A (<i>S. cerevisiae</i>)	1,1
12720725	539828	LOC539828	similar to chromosome 20 open reading frame 165	1,1
12843868	508705	LOC508705	similar to MGC139386 protein	1,1
12749313	281298	MC1R	melanocortin 1 receptor (alpha melanocyte stimulating hormone receptor)	1,1
12763880	526282	MRM1	mitochondrial rRNA methyltransferase 1 homolog (<i>S. cerevisiae</i>)	1,1
12813211	526448	TBX6	T-box 6	1,1
12886608	533455	SHC2	SHC (Src homology 2 domain containing) transforming protein 2	1,1
12678555	281038	CASR	calcium-sensing receptor	1,1
12752852	533202	VAC14	Vac14 homolog (<i>S. cerevisiae</i>)	1,1
12830635	513727	OVOL1	ovo-like 1(<i>Drosophila</i>)	1,1
12865261	510349	SBF1	SET binding factor 1	1,1
12888771	100295509	LOC100295509	hypothetical protein LOC100295509	1,1
12842449	100313200	MIR2413	microRNA mir-2413	1,1
12815002	100300875	LOC100300875	hypothetical LOC100300875	1,1
12734276	100335393	LOC100335393	hypothetical protein LOC100335393	1,1
12757926	522824	CTU1	cytosolic thiouridylase subunit 1 homolog (<i>S. pombe</i>)	1,1
12757038	512788	IGFL1	IGF-like family member 1	1,1
12822850	536753	CPN1	carboxypeptidase N, polypeptide 1	1,1
12710720	617946	PROZ	protein Z, vitamin K-dependent plasma glycoprotein	1,1
12792157	509029	LOC509029	hypothetical LOC509029	1,1
12744793	783986	ANAPC10	anaphase promoting complex subunit 10	1,1
12817347	525496	NUDT1	nudix (nucleoside diphosphate linked moiety X)-type motif 1	1,1
12783474	538145	LOC538145	similar to chloride channel	1,1

12735300	508734	NPPB	natriuretic peptide precursor B	1,1
12791416	789946	OTUD7A	OTU domain containing 7A	1,1
12748759	100140272	LOC100140272	hypothetical protein LOC100140272	1,1
12873639	505877	OCIAD2	OCIA domain containing 2	1,1
12689697	518752	ARG2	arginase, type II	1,1
12727694	512818	TIMM10	translocase of inner mitochondrial membrane 10 homolog (yeast)	1,1
12879361	518816	LOC518816	similar to olfactory receptor Olr1455	1,1
12815538	505124	LMF1	lipase maturation factor 1	1,1
12735535	513762	GLRX2	glutaredoxin 2	1,1
12788669	100297162	LOC100297162	hypothetical protein LOC100297162	1,1
12785083	281422	PRLR	prolactin receptor	1,1
12711883	515602	RFC3	replication factor C (activator 1) 3, 38kDa	1,1
12746036	507695	LOC507695	hypothetical LOC507695	1,1
12832493	100336410	LOC100336410	spectrin, beta, non-erythrocytic 2-like	1,1
12716931	614795	FKBP1A	FK506 binding protein 1A, 12kDa	1,1
12742923	519328	SIRT4	sirtuin (silent mating type information regulation 2 homolog) 4 (<i>S. cerevisiae</i>)	1,1
12681340	533038	TM4SF1	transmembrane 4 L six family member 1	1,1
12738147	100335743	LOC100335743	hypothetical protein LOC100335743	1,1
12762816	511479	MRPL45	mitochondrial ribosomal protein L45	1,1
12828840	541078	MAT1A	methionine adenosyltransferase I, alpha	1,1
12744694	618210	PPM1F	protein phosphatase 1F (PP2C domain containing)	1,1
12768119	504977	GP1BA	glycoprotein Ib (platelet), alpha polypeptide	1,1
12862620	618644	DUSP16	dual specificity phosphatase 16	1,1
12715162	515233	EEF1A2	eukaryotic translation elongation factor 1 alpha 2	1,1
12808409	537894	SMCHD1	structural maintenance of chromosomes flexible hinge domain containing 1	1,1
12716955	614835	LOC614835	hypothetical protein LOC614835	1,1
12840672	539579	PKLR	pyruvate kinase, liver and RBC	1,1
12769003	509121	ASGR1	asialoglycoprotein receptor 1	1,1
12717119	617799	CST7	cystatin F (leukocystatin)	1,1
12875615	614317	LOC614317	similar to RIKEN cDNA 1110038O08	1,1
12830792	515452	LOC515452	hypothetical protein LOC515452	1,1
12718728	507729	TCEA2	transcription elongation factor A (SII), 2	1,1
12865677	513049	ATG101	autophagy-related protein 101	1,1
12797799	100301210	LOC100301210	hypothetical protein LOC100301210	1,1
12835102	618609	MRPL21	mitochondrial ribosomal protein L21	1,1
12762341	508936	OSBPL7	oxysterol binding protein-like 7	1,1
12733831	782705	LOC782705	similar to Ferritin, heavy polypeptide 1	1,1
12833379	509295	RIN1	Ras and Rab interactor 1	1,1
12799700	532521	PODXL2	podocalyxin-like 2	1,1
12773406	783664	GTLF3B	transcript expressed during hematopoiesis 2	1,1
12824574	783086	LETM2	leucine zipper-EF-hand containing transmembrane protein 2	1,1
12872868	100298588	LOC100298588	similar to lymphocyte cytosolic protein 2	1,1
12827925	508976	LOC508976	similar to phosphatidylinositol glycan, class C	1,1
12815257	282377	STX1B	syntaxin 1B	1,1
12726981	504393	TMEM25	transmembrane protein 25	1,1
12839845	533003	D2HGDH	D-2-hydroxyglutarate dehydrogenase	1,1
12768524	507491	SLC26A11	solute carrier family 26, member 11	1,1
12794790	507133	COL7A1	collagen, type VII, alpha 1	1,1
12825703	100296148	LOC100296148	hypothetical protein LOC100296148	1,1
12724377	504807	COMM5	COMM domain containing 5	1,1
12803444	541280	OPN5	opsin 5	1,1
12832574	100336865	LOC100336865	spectrin, beta, non-erythrocytic 2-like	1,1
12721339	787396	LOC787396	similar to homeobox transcription factor	1,1
12712681	540735	ZC3H13	zinc finger CCCH-type containing 13	1,1
12872063	539228	GSX2	GS homeobox 2	1,1

12707431	539221	MFSD2B	major facilitator superfamily domain containing 2B	1,1
12799393	522724	LOC522724	similar to Protein bassoon (Zinc finger protein 231)	1,1
12724938	512125	MAPK15	mitogen-activated protein kinase 15	1,1
12906167	785567	PNPLA4	patatin-like phospholipase domain containing 4	1,1
12848176	785421	LOC785421	similar to ADP-ribosylation factor 1	1,1
12770563	515788	COG1	component of oligomeric golgi complex 1	1,1
12844730	514463	TEKT2	tektin 2 (testicular)	1,1
12846405	534578	VCAM1	vascular cell adhesion molecule 1	1,1
12822025	512786	PRAP1	proline-rich acidic protein 1	1,1
12762884	511773	HRNBP3	hexaribonucleotide binding protein 3	1,1
12878057	507154	MRPL4	mitochondrial ribosomal protein L4	1,1
12693278	100336634	LOC100336634	TRA@ protein-like	1,1
12716611	539295	ARFGEF2	ADP-ribosylation factor guanine nucleotide-exchange factor 2 (brefeldin A-inhibited)	1,1
12749828	504406	HYDIN	hydrocephalus inducing homolog (mouse)	1,1
12714605	509832	GDI2	GDP dissociation inhibitor 2	1,1
12682935	100170920	MIR125B-2	microRNA mir-125b-2	1,1
12782904	533908	RPS6KA1	ribosomal protein S6 kinase, 90kDa, polypeptide 1	1,1
12723964	100296964	LOC100296964	hypothetical protein LOC100296964	1,1
12835002	616943	VSIG2	V-set and immunoglobulin domain containing 2	1,1
12849607	507268	ZNF212	zinc finger protein 212	1,1
12812060	508652	RFC2	replication factor C (activator 1) 2, 40kDa	1,1
12841351	616843	PGLYRP4	peptidoglycan recognition protein 4	1,1
12788927	100337259	LOC100337259	calcium and integrin binding family member 2-like	1,1
12703010	618559	OBP2B	odorant binding protein 2B	1,1
12749115	100336695	LOC100336695	cationic amino acid transporter 3-like	1,1
12683066	100336432	LOC100336432	protein phosphatase 1, catalytic subunit, alpha-like	1,1
12730437	788825	LOC788825	similar to olfactory receptor, family 51, subfamily T, member 1	1,1
12772247	539358	RTN4RL1	reticulon 4 receptor-like 1	1,1
12755898	282820	Has1	hyaluronan synthase 1	1,1
12825327	533821	LOC533821	similar to pragmin	1,1
12881221	540000	LOC540000	hypothetical LOC540000	1,1
12827978	510898	DNAJC9	DnaJ (Hsp40) homolog, subfamily C, member 9	1,1
12884781	510616	HK3	hexokinase 3 (white cell)	1,1
12793349	535692	UNC45A	unc-45 homolog A (C. elegans)	1,1
12738082	100299281	LOC100299281	similar to crystallin, zeta	1,1
12766141	788186	LOC788186	similar to keratin associated protein 9.2	1,1
12814014	615565	FIS1	fission 1 (mitochondrial outer membrane) homolog (S. cerevisiae)	1,1
12744744	777596	HORMAD2	HORMA domain containing 2	1,1
12793562	539904	MEX3B	mex-3 homolog B (C. elegans)	1,1
12811009	100295084	LOC100295084	hypothetical protein LOC100295084	1,1
12741778	100335936	LOC100335936	ribosomal protein L9-like	1,1
12753711	614921	NUTF2	nuclear transport factor 2	1,1
12723373	540325	FAM84B	family with sequence similarity 84, member B	1,1
12804763	497620	SPDEF	SAM pointed domain containing ets transcription factor	1,1
12902881	281855	IKBKG	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma	1,1
12770578	516030	DLX4	distal-less homeobox 4	1,1
12908781	523526	COL4A6	collagen, type IV, alpha 6	1,1
12751687	514971	CYP2S1	cytochrome P450, family 2, subfamily S, polypeptide 1	1,1
12872978	100313224	MIR2450B	microRNA mir-2450b	1,1
12864483	504653	LTBR	lymphotoxin beta receptor (TNFR superfamily, member 3)	1,1
12763061	512976	C19H17ORF81	chromosome 17 open reading frame 81 ortholog	1,1
12856810	281033	TSPO	translocator protein (18kDa)	1,1
12783359	536229	PAX7	paired box 7	1,1

12906107	784438	LOC784438	similar to PABPC1L2B protein	1,1
12803711	618722	LOC618722	similar to MHC class II antigen	1,1
12812528	514338	ZDHHC4	zinc finger, DHHC-type containing 4	1,1
12814563	787784	DNASE1L2	deoxyribonuclease I-like 2	1,1
12804956	505556	VAR5	valyl-tRNA synthetase	1,1
12813710	538496	CACNG3	calcium channel, voltage-dependent, gamma subunit 3	1,1
12844716	514233	LOC514233	similar to cellular retinol binding protein 1	1,1
12729844	614203	GALNTL4	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetyl-galactosaminyltransferase-like 4	1,1
12844142	511053	SLC27A3	solute carrier family 27 (fatty acid transporter), member 3	1,1
12858434	507313	MPST	mercaptopyruvate sulfurtransferase	1,1
12834248	528168	LOC528168	similar to Actin, alpha 1, skeletal muscle	1,1
12836122	287013	COL11A1	collagen, type XI, alpha 1	1,1
12854330	518540	MEOX2	mesenchyme homeobox 2	1,1
12868709	618398	DMC1	DMC1 dosage suppressor of mck1 homolog, meiosis-specific homologous recombination (yeast)	1,1
12852111	618228	LOC618228	similar to nucleolar protein with MIF4G domain 1	1,1
12792566	515224	HAPLN3	hyaluronan and proteoglycan link protein 3	1,1
12882371	787445	LOC787445	similar to Olfactory receptor 18 (Olfactory receptor 145-1) (Olfactory receptor TPCR34)	1,1
12734391	280816	CFH	complement factor H	1,1
12714064	504784	GATA5	GATA binding protein 5	1,1
12902490	100299937	LOC100299937	similar to Proteinase-activated receptor-2, G protein-coupled receptor 11	1,1
12873335	317692	ATP8A1	ATPase, aminophospholipid transporter (APLT), Class I, type 8A, member 1	1,1
12733722	617969	RBMX	RNA binding motif protein, X-linked	1,1
12903869	512894	RIBC1	RIB43A domain with coiled-coils 1	1,1
12816094	508486	LOC508486	similar to endoplasmic reticulum to nucleus signalling 2	1,1
12834440	533224	C29H11orf67	chromosome 11 open reading frame 67 ortholog	1,1
12793797	617152	LMAN1L	lectin, mannose-binding, 1 like	1,1
12753043	535038	TMEM147	transmembrane protein 147	1,1
12766734	100298177	LOC100298177	similar to arylsulfatase A	1,1
12905729	616041	MAP7D2	MAP7 domain containing 2	1,1
12773891	100141158	USP48	ubiquitin specific peptidase 48	1,1
12788810	100313091	MIR9-1	microRNA mir-9-1	1,1
12810681	616684	CPLX4	complexin 4	1,1
12822495	524218	STK32C	serine/threonine kinase 32C	1,1
12882199	782402	LOC782402	similar to Rpl17 protein	1,1
12879818	524299	IL12RB1	interleukin 12 receptor, beta 1	1,1
12796946	615289	ABHD14B	abhydrolase domain containing 14B	1,1
12807470	281127	DSC1	desmocollin 1	1,1
12717574	787482	MANBAL	mannosidase, beta A, lysosomal-like	1,1
12855643	541291	NAPEPLD	N-acyl phosphatidylethanolamine phospholipase D	1,1
12805365	511795	ZSCAN16	zinc finger and SCAN domain containing 16	1,1
12826315	515924	RET	ret proto-oncogene	1,1
12810901	100139074	PDAP1	PDGFA associated protein 1	1,1
12865125	509508	LOC509508	similar to olfactory receptor Olr1107	1,1
12786649	768317	RPL37	ribosomal protein L37	1,1
12870091	281974	PDE6B	phosphodiesterase 6B, cGMP-specific, rod, beta	1,1
12681463	534212	NCEH1	neutral cholesterol ester hydrolase 1	1,1
12792200	509248	CPLX3	complexin 3	1,1
12880368	532075	LOC532075	similar to olfactory receptor 290	1,1
12765513	616622	PRR15L	proline rich 15-like	1,1
12767089	281338	MYH3	myosin, heavy chain 3, skeletal muscle, embryonic	1,1
12818985	282223	ENTPD1	ectonucleoside triphosphate diphosphohydrolase 1	1,1
12755278	100296721	LOC100296721	similar to ribosomal protein S29	1,1
12835544	100297566	LOC100297566	similar to ribosomal protein S27-like	1,1

12757414	516063	RPS19	ribosomal protein S19	1,1
12743217	525071	MTP18	mitochondrial protein 18 kDa	1,1
12718030	281644	BFSP1	beaded filament structural protein 1, filensin	1,1
12893594	513223	RASEF	RAS and EF-hand domain containing	1,1
12842443	100313088	MIR92B	microRNA mir-92b	1,1
12697108	614945	LOC614945	similar to ribosomal protein S20	1,1
12774405	281254	INHA	inhibin, alpha	1,1
12798571	506807	CXCR6	chemokine (C-X-C motif) receptor 6	1,1
12849428	407208	TRGV3-2	T cell receptor gamma variable 3-2	1,1
12820239	529092	LOC529092	similar to RIKEN cDNA 9930023K05	1,1
12877759	505683	LOC505683	similar to Tubulin polyglutamylase complex subunit 1 (PGs1)	1,1
12750495	508651	LSR	lipolysis stimulated lipoprotein receptor	1,1
12775704	507912	RPA2	replication protein A2, 32kDa	1,1
12854268	517861	POU6F2	POU class 6 homeobox 2	1,1
12886857	534967	CYP4F3	cytochrome P450, family 4, subfamily F, polypeptide 3	1,1
12888891	100335975	LOC100335975	hypothetical protein LOC100335975	1,1
12748006	614334	DERL3	Der1-like domain family, member 3	1,1
12836483	504735	CCT3	chaperonin containing TCP1, subunit 3 (gamma)	1,1
12699220	506522	WDR85	WD repeat domain 85	1,1
12728863	532060	KCNJ11	potassium inwardly-rectifying channel, subfamily J, member 11	1,1
12772761	615368	ORMDL3	ORM1-like 3 (<i>S. cerevisiae</i>)	1,1
12850110	512939	KRBA1	KRAB-A domain containing 1	1,1
12892724	281781	B4GALT1	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 1	1,1
12752072	520277	CALM3	calmodulin 3 (phosphorylase kinase, delta)	1,1
12800154	540601	DNAH1	dynein, axonemal, heavy chain 1	1,1
12904372	521298	AWAT2	acyl-CoA wax alcohol acyltransferase 2	1,1
12904771	529754	ZNF185	similar to zinc finger protein 185	1,1
12790895	538665	MAGEL2	MAGE-like 2	1,1
12879757	523107	RASGEF1C	RasGEF domain family, member 1C	1,1
12867933	540021	PHC1	polyhomeotic homolog 1 (<i>Drosophila</i>)	1,1
12759028	613320	MT3	metallothionein 3	1,1
12895289	613991	COLEC11	collectin sub-family member 11	1,1
12719577	517054	WFDC5	WAP four-disulfide core domain 5	1,1
12763122	513556	TP53I13	tumor protein p53 inducible protein 13	1,1
12907313	338042	SLC35A2	solute carrier family 35 (UDP-galactose transporter), member A2	1,1
12758030	525426	LRRC29	leucine rich repeat containing 29	1,1
12727203	507282	LOC507282	similar to olfactory receptor, family 52, subfamily B, member 2	1,1
12786708	786974	LOC786974	similar to Beta-hexosaminidase beta chain precursor (N-acetyl-beta-glucosaminidase) (Beta-N-acetylhexosaminidase) (Hexosaminidase B)	1,1
12748967	100299268	LOC100299268	similar to epididymal sperm binding protein 1	1,1
12905326	539065	SLC7A3	solute carrier family 7 (cationic amino acid transporter, y+ system), member 3	1,1
12781755	517368	EPHA8	EPH receptor A8	1,1
12906970	280937	SYP	synaptophysin	1,1
12818557	782286	LOC782286	similar to Heparan sulfate glucosamine 3-O-sulfotransferase 4 (Heparan sulfate D-glucosaminyl 3-O-sulfotransferase 4) (Heparan sulfate 3-O-sulfotransferase 4) (h3-OST-4)	1,1
12887836	616450	LOC616450	similar to Olfactory receptor 10H4	1,1
12678944	504366	SI	sucrase-isomaltase (alpha-glucosidase)	1,1
12708558	785179	FKBP1B	FK506 binding protein 1B, 12.6 kDa	1,1
12856471	100313322	MIR1281	microRNA mir-1281	1,1
12705482	512469	MRPS5	mitochondrial ribosomal protein S5	1,1

12830417	511512	RBM14	RNA binding motif protein 14	1,1
12801609	509914	PFDN6	prefoldin subunit 6	1,1
12876525	100313306	MIR181D	microRNA mir-181d	1,1
12799273	519899	HDAC11	histone deacetylase 11	1,1
12759598	618448	KLK12	kallikrein-related peptidase 12	1,1
12806452	538804	C23H6orf136	chromosome 6 open reading frame 136 ortholog	1,1
12904234	516494	ARSD	arylsulfatase D	1,1
12772003	536606	LOC536606	hypothetical LOC536606	1,1
12792431	513458	NEIL1	nei endonuclease VIII-like 1 (E. coli)	1,1
12748424	787548	FAM128B	family with sequence similarity 128, member B	1,1
12907252	282304	PFKFB1	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 1	1,1
12784440	617552	CNKSRI	connector enhancer of kinase suppressor of Ras 1	1,1
12843309	505302	DUSP12	dual specificity phosphatase 12	1,1
12865092	509426	RPS26	ribosomal protein S26	1,1
12720012	525059	GSS	glutathione synthetase	1,1
12879916	525379	STX10	syntaxin 10	1,1
12752761	532875	LOC532875	similar to AFG3(ATPase family gene 3)-like 1 (yeast)	1,1
12807710	507330	FAM59A	hypothetical protein LOC507330	1,1
12705931	516282	STRBP	spermatid perinuclear RNA binding protein	1,1
12742288	507122	CDC45L	CDC45 cell division cycle 45-like (S. cerevisiae)	1,1
12908501	517311	IQSEC2	IQ motif and Sec7 domain 2	1,1
12738550	281485	SELL	selectin L	1,1
12756789	510727	COX4NB	COX4 neighbor	1,1
12791518	100297454	LOC100297454	similar to ubiquitin-like 7	1,1
12906205	786446	LOC786446	similar to UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 2	1,1
12805872	521960	IP6K3	inositol hexakisphosphate kinase 3	1,1
12736255	522986	QSOX1	quiescin Q6 sulfhydryl oxidase 1	1,1
12816376	511903	LOC511903	similar to CG14977-PA	1,1
12897014	509227	FRK	fyn-related kinase	1,1
12746977	525243	WSCD2	WSC domain containing 2	1,1
12874507	523110	NSG1	neuron specific gene family member 1	1,1
12790049	515588	SNUPN	snurportin 1	1,1
12830027	507750	LOC507750	similar to SAC3 domain containing 1	1,1
12731272	505579	C15H11orf60	chromosome 11 open reading frame 60 ortholog	1,1
12765494	616574	LOC616574	similar to Phosphatidylcholine transfer protein (PC-TP) (StAR-related lipid transfer protein 2) (StARD2) (START domain-containing protein 2)	1,1
12697085	614366	LOC614366	similar to ribosomal protein S4, X-linked X	1,1
12903267	504438	SSR4	signal sequence receptor, delta (translocon-associated protein delta)	1,1
12754187	618456	ZNF208	zinc finger protein 208	1,1
12766863	100336787	LOC100336787	alveolar soft part sarcoma chromosome region, candidate 1-like	1,1
12716700	539728	MOCS3	molybdenum cofactor synthesis 3	1,1
12736646	533216	IKBKE	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase epsilon	1,1
12874682	529295	PSAPL1	prosaposin-like 1	1,1
12734715	326601	H3F3B	H3 histone, family 3B (H3.3B)	1,1
12892798	282392	UBQLN1	ubiquilin 1	1,1
12702773	616676	GALM	galactose mutarotase (aldose 1-epimerase)	1,1
12681285	532209	MECOM	MDS1 and EVI1 complex locus	1,1
12865486	511782	SLC39A5	solute carrier family 39 (metal ion transporter), member 5	1,1
12713635	281968	PCSK2	proprotein convertase subtilisin/kexin type 2	1,1
12862788	767949	PPP1R1A	protein phosphatase 1, regulatory (inhibitor) subunit 1A	1,1
12702148	540041	MATN3	matrilin 3	1,1

12713813	282871	MMP9	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 92kDa type IV collagenase)	1,1
12746851	518312	RAB36	RAB36, member RAS oncogene family	1,1
12859495	514410	MCRS1	microspherule protein 1	1,1
12714973	513342	DYNLRB1	dynein light chain roadblock-type 1	1,1
12888821	100300257	LOC100300257	similar to fibroblast growth factor 17	1,1
12887714	614948	C7H19orf22	R3H domain-containing protein C19orf22 homolog	1,1
12755821	282305	PGLYRP1	peptidoglycan recognition protein 1	1,1
12843617	507189	PRCC	papillary renal cell carcinoma (translocation-associated)	1,1
12791325	782598	LOC782598	similar to M-phase phosphoprotein 1	1,1
12896676	281958	OPRM1	opioid receptor, mu 1	1,1
12735167	506632	KLHL21	kelch-like 21 (Drosophila)	1,1
12838755	518646	GPA33	glycoprotein A33 (transmembrane)	1,1
12697041	613943	ZDHHC22	zinc finger, DHHC-type containing 22	1,1
12745512	286843	ADAM1	a disintegrin and metalloproteinase domain 1	1,1
12756175	504669	CHMP1A	chromatin modifying protein 1A	1,1
12887092	538455	ZNF414	zinc finger protein 414	1,1
12793428	536682	TMEM179	transmembrane protein 179	1,1
12885509	515893	YIPF2	Yip1 domain family, member 2	1,1
12704174	379045	QRFP	pyroglutamylated RFamide peptide	1,1
12798924	511901	LOC511901	similar to H1 histone family, member X	1,1
12785824	522155	IL6ST	interleukin 6 signal transducer (gp130, oncostatin M receptor)	1,1
12805971	525727	LOC525727	similar to MHC class II antigen	1,1
12690118	528053	LOC528053	similar to Uncharacterized protein C14orf166B homolog	1,1
12745226	100301173	LOC100301173	similar to cat eye syndrome chromosome region, candidate 6	1,1
12747807	538878	ZNF70	zinc finger protein 70	1,1
12821517	282277	MRPL43	mitochondrial ribosomal protein L43	1,1
12823446	281169	FNTA	farnesyltransferase, CAAX box, alpha	1,1
12780823	507308	PHOSPHO2	phosphatase, orphan 2	1,1
12683931	506558	VWA5B2	von Willebrand factor A domain containing 5B2	1,1
12718414	505405	LOC505405	similar to melanocortin 3 receptor	1,1
12784693	786771	LOC786771	similar to 40S ribosomal protein SA (p40) (34/67 kDa laminin receptor) (Colon carcinoma laminin-binding protein) (NEM/1CHD4) (Multidrug resistance-associated protein MGr1-Ag)	1,1
12722519	516473	EEF1D	eukaryotic translation elongation factor 1 delta (guanine nucleotide exchange protein)	1,1
12756055	444866	ZNF470	zinc finger protein 470	1,1
12722282	512526	PYCR1	pyrroline-5-carboxylate reductase-like	1,1
12810467	539429	GALR1	galanin receptor 1	1,1
12705319	511215	CHST10	carbohydrate sulfotransferase 10	1,1
12904403	522428	LOC522428	similar to mCG5564	1,1
12862361	615252	NOL12	nucleolar protein 12	1,1
12682747	783161	LOC783161	similar to LOC152217 protein	1,1
12808242	535177	BRUNOL4	bruno-like 4, RNA binding protein (Drosophila)	1,1
12736016	520406	CRB1	crumbs homolog 1 (Drosophila)	1,1
12792663	517699	CATSPER2	cation channel, sperm associated 2	1,1
12904800	530065	GPR50	G protein-coupled receptor 50	1,1
12842232	100138313	FPGT	fucose-1-phosphate guanylyltransferase	1,1
12750139	506161	NLRP8	NLR family, pyrin domain containing 8	1,1
12838605	516070	DLGAP3	discs, large (Drosophila) homolog-associated protein 3	1,1
12904819	531650	LOC531650	similar to Histone H2B type F-M (H2B.s) (H2B/s)	1,1
12819230	506001	DHDPSL	dihydrodipicolinate synthase-like, mitochondrial	1,1
12720693	539559	GDF5	growth differentiation factor 5	1,1
12839865	533296	TRIM33	tripartite motif-containing 33	1,1
12683031	100335461	LOC100335461	hypothetical protein LOC100335461	1,1

12700891	525818	LOC525818	similar to olfactory receptor Olfr367	1,1
12856481	100313439	MIR2443	microRNA mir-2443	1,1
12892348	100294942	LOC100294942	similar to S100 calcium binding protein A11	1,1
12785177	407112	SLC9A3	solute carrier family 9 (sodium/hydrogen exchanger), member 3	1,1
12896255	100174924	LOC100174924	hypothetical LOC100174924	1,1
12733392	614153	SLC43A1	solute carrier family 43, member 1	1,1
12770720	517426	LOC517426	similar to sodium channel alpha subunit	1,1
12878164	508067	C7H19ORF52	chromosome 19 open reading frame 52 ortholog	1,1
12697186	616044	PIGB	phosphatidylinositol glycan anchor biosynthesis, class B	1,1
12810405	538404	MYOM1	myomesin 1, 185kDa	1,1
12765820	768021	MGC137055	hypothetical protein MGC137055	1,1
12678178	100138235	LOC100138235	similar to glypican 5	1,1
12869534	100139892	HPGDS	hematopoietic prostaglandin D synthase	1,1
12796738	540541	LHFPL3	lipoma HMGIC fusion partner-like 3	1,1
12857816	504912	TOM1	target of myb1 (chicken)	1,1
12856688	100337478	LOC100337478	glutamate receptor interacting protein 1-like	1,1
12828988	782834	LOC782834	similar to anthrax toxin receptor-like	1,1
12852887	280933	ST7	suppression of tumorigenicity 7	1,1
12786942	281480	SDHA	succinate dehydrogenase complex, subunit A, flavoprotein (Fp)	1,1
12709483	509987	MTIF3	mitochondrial translational initiation factor 3	1,1
12875619	614525	BEND4	BEN domain containing 4	1,1
12783840	540482	ATG9A	ATG9 autophagy related 9 homolog A (S. cerevisiae)	1,1
12811169	100301381	LOC100301381	similar to parvalbumin	1,1
12863653	100313275	MIR1835	microRNA mir-1835	1,1
12850176	514597	CLCN1	chloride channel 1, skeletal muscle	1,1
12736373	527591	LOC527591	similar to solute carrier family 35, member E2	1,1
12697828	787542	LOC787542	similar to T-cell receptor alpha chain	1,1
12718416	505523	WFDC3	WAP four-disulfide core domain 3	1,1
12852404	783805	ACN9	ACN9 homolog (S. cerevisiae)	1,1
12861688	539015	LOC539015	similar to lipocalin-interacting membrane receptor	1,1
12732587	529157	ZNF215	zinc finger protein 215	1,1
12906461	100296277	LOC100296277	similar to ribosomal protein S27	1,1
12818483	618703	LOC618703	hypothetical LOC618703	1,1
12853767	509781	FASTK	Fas-activated serine/threonine kinase	1,1
12836738	505775	SLC16A1	solute carrier family 16, member 1 (monocarboxylic acid transporter 1)	1,1
12810581	613923	DYM	dymeclin	1,1
12872799	100139648	LOC100139648	similar to hepatocyte growth factor activator	1,1
12800929	100295904	LOC100295904	hypothetical protein LOC100295904	1,1
12703294	787249	LOC787249	similar to Olfactory receptor 1J4 (Olfactory receptor OR9-21) (HTPCRX01)	1,1
12773396	783642	RILP	Rab interacting lysosomal protein	1,1
12714753	512244	ZSWIM3	zinc finger, SWIM-type containing 3	1,1
12871728	534181	NT5C3	5'-nucleotidase, cytosolic III	1,1
12729497	539171	PDZD3	PDZ domain containing 3	1,1
12703288	787089	RPL36A	ribosomal protein L36a	1,1
12740972	613925	ATP6V1G3	ATPase, H ⁺ transporting, lysosomal 13kDa, V1 subunit G3	1,1
12870968	514374	PIGY	phosphatidylinositol glycan anchor biosynthesis, class Y	1,1
12830708	514793	POLA2	polymerase (DNA directed), alpha 2 (70kD subunit)	1,1
12758826	539134	DMRTC2	DMRT-like family C2	1,1
12740074	530749	LOC530749	hypothetical LOC530749	1,1
12763798	524761	CD300E	CD300e molecule	1,1
12725857	539188	GPT	glutamic-pyruvate transaminase (alanine aminotransferase)	1,1

12747909	541168	SLC25A31	solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 31	1,1
12804993	506030	IL17F	interleukin 17F	1,1
12901510	782637	LOC782637	similar to predicted protein	1,1
12845168	520463	LOC520463	similar to Recombination activating gene 1 activating protein 1	1,1
12806060	530071	CRIP3	cysteine-rich protein 3	1,1
12692890	100140619	LOC100140619	similar to Olfactory receptor 11H4 (Olfactory receptor OR14-36)	1,1
12743185	524459	RNF185	ring finger protein 185	1,1
12772708	614798	MFSD6L	major facilitator superfamily domain containing 6-like	1,1
12804862	504797	TRERF1	transcriptional regulating factor 1	1,1
12765702	618568	RAPGEFL1	Rap guanine nucleotide exchange factor (GEF)-like 1	1,1
12879775	523430	SLC25A41	solute carrier family 25, member 41	1,1
12854087	513665	STK17A	serine/threonine kinase 17a	1,1
12790703	537528	LOC537528	similar to mCG18581	1,1
12838709	517209	LOC517209	similar to olfactory receptor OR1-22	1,1
12785416	510014	LMBRD2	LMBR1 domain containing 2	1,1
12748835	100270792	COX6B1	cytochrome c oxidase subunit VIb polypeptide 1	1,1
12875124	534755	LOC534755	similar to rCG35995	1,1
12750214	506634	LOC506634	hypothetical LOC506634	1,1
12698102	100297786	LOC100297786	similar to interleukin 1 family, member 6 (epsilon)	1,1
12689601	517053	TDP1	tyrosyl-DNA phosphodiesterase 1	1,1
12876071	782938	LOC782938	similar to eukaryotic translation initiation factor 4 gamma, 2	1,1
12852697	100298868	LOC100298868	similar to solute carrier family 23 (nucleobase transporters), member 2	1,1
12691885	614591	LOC614591	similar to Olfr736 protein	1,1
12789412	505935	GLRX5	glutaredoxin 5	1,1
12791431	791018	MIR345	microRNA mir-345	1,1
12750559	509094	LOC509094	similar to porcupine	1,1
12776950	521943	LOC521943	similar to hCG1788238	1,1
12807428	100337173	LOC100337173	hypothetical protein LOC100337173	1,1
12695002	516291	REC8	REC8 homolog (yeast)	1,1
12683856	505369	MAP3K13	mitogen-activated protein kinase kinase kinase 13	1,1
12731516	508592	CCDC153	coiled-coil domain containing 153	1,1
12800563	724061	PPARG-TSEN2	PPARG-TSEN2	1,1
12884070	507252	OLFM2	olfactomedin 2	1,1
12709472	509921	SKA3	spindle and kinetochore associated complex subunit 3	1,1
12706126	519697	UCK1	uridine-cytidine kinase 1	1,1
12701563	535315	FAM73B	hypothetical protein LOC535315	1,1
12814323	618325	HBQ1	hemoglobin, theta 1	1,1
12842977	404132	APOA1BP	apolipoprotein A-I binding protein	1,1
12802046	514215	CCHCR1	coiled-coil alpha-helical rod protein 1	1,1
12749061	100336195	LOC100336195	hypothetical protein LOC100336195	1,1
12876313	100295820	LOC100295820	similar to esophagus cancer-related gene-2	1,1
12781532	514365	XKR8	XK, Kell blood group complex subunit-related family, member 8	1,1
12847246	613487	LOC613487	similar to Eukaryotic translation initiation factor 1A, X-chromosomal (eIF-1A X isoform) (eIF-4C)	1,1
12847330	614476	LOC614476	hypothetical protein LOC614476	1,1
12697519	781195	GPR135	G protein-coupled receptor 135	1,1
12847127	540995	ST6GALNAC5	ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide alpha-2,6-sialyltransferase 5	1,1
12752659	530871	QPCTL	glutaminyl-peptide cyclotransferase-like	1,1
12814890	100139898	LOC100139898	similar to RIKEN cDNA 9930021D14	1,1
12707837	613747	LOC613747	similar to RIKEN cDNA 9130404D14 gene	1,1
12697339	617365	LOC617365	similar to CG11638 CG11638-PA	1,1

12818470	618676	40798	septin 12	1,1
12769212	509525	LOC509525	similar to olfactory receptor	1,1
12811457	282217	DNASE1	deoxyribonuclease I	1,1
12799191	516527	KBTBD12	kelch repeat and BTB (POZ) domain containing 12	1,1
12831963	617465	BARX2	BARX homeobox 2	1,1
12707819	613699	LOC613699	similar to Interferon-induced transmembrane protein	1,1
12893297	510456	LOC510456	similar to Nicotinamide riboside kinase 1	1,1
12881501	613429	MGC128199	hypothetical protein LOC613429	1,1
12717538	786312	LOC786312	similar to Uncharacterized protein C20orf26	1,1
12704527	507002	OLFM1	olfactomedin 1	1,1
12714483	507985	ZBTB46	zinc finger and BTB domain containing 46	1,1
12773229	768237	ACSF2	acyl-CoA synthetase family member 2	1,1
12890086	511716	EPHX2	epoxide hydrolase 2, cytoplasmic	1,1
12822879	537343	HPSE2	heparanase 2	1,1
12796931	615162	LOC615162	similar to hCG2039481	1,1
12901555	784274	LOC784274	similar to solute carrier family 25, member 30	1,1
12879603	522024	FARSA	phenylalanyl-tRNA synthetase, alpha subunit	1,1
12705362	511470	CYP1B1	cytochrome P450, family 1, subfamily B, polypeptide 1	1,1
12736385	527634	IL19	interleukin 19	1,1
12860283	523070	WBP2NL	WBP2 N-terminal like	1,1
12805403	512443	CRISP2	cysteine-rich secretory protein 2	1,1
12780905	508119	IGSF21	immunoglobulin superfamily, member 21	1,1
12874187	514013	APBB2	amyloid beta (A4) precursor protein-binding, family B, member 2	1,1
12730424	788627	LOC788627	similar to olfactory receptor 1427	1,1
12811379	281874	ITGAL	integrin, alpha L (antigen CD11A (p180), lymphocyte function-associated antigen 1; alpha polypeptide)	1,1
12680623	518043	DIP2A	DIP2 disco-interacting protein 2 homolog A (Drosophila)	1,1
12821591	497202	GPAM	glycerol-3-phosphate acyltransferase, mitochondrial	1,1
12863173	786925	LOC786925	similar to IQ motif and Sec7 domain 3	1,1
12896143	100138434	LOC100138434	similar to laminin, alpha 2 (merosin, congenital muscular dystrophy)	1,1
12848599	100300735	LOC100300735	hypothetical LOC100300735	1,1
12701813	536316	POLR1A	polymerase (RNA) I polypeptide A, 194kDa	1,1
12742170	504951	WBSCR17	Williams-Beuren syndrome chromosome region 17	1,1
12788312	613835	MRPS36	mitochondrial ribosomal protein S36	1,1
12892658	281414	PNOC	prepronociceptin	1,1
12795084	509486	TNNC1	troponin C type 1 (slow)	1,1
12818395	618357	MRPS34	mitochondrial ribosomal protein S34	1,1
12742736	515855	CCDC42B	coiled-coil domain containing 42B	1,1
12909436	535630	TMLHE	trimethyllysine hydroxylase, epsilon	1,1
12757420	516156	ZNF331	zinc finger protein 331	1,1
12907888	510026	ATP1B4	ATPase, (Na ⁺)/K ⁺ transporting, beta 4 polypeptide	1,1
12761939	506458	CBX8	chromobox homolog 8 (Pc class homolog, Drosophila)	1,1
12878091	507477	ALDH7A1	aldehyde dehydrogenase 7 family, member A1	1,1
12874710	530315	EGF	epidermal growth factor (beta-urogastrone)	1,1
12781968	520192	EPHA4	EPH receptor A4	1,1
12745724	505332	PISD	phosphatidylserine decarboxylase	1,1
12699591	509983	SUCLG1	succinate-CoA ligase, alpha subunit	1,1
12869707	100337062	LOC100337062	protein tyrosine phosphatase, non-receptor type 13-like	1,1
12884973	512048	REXO1	REX1, RNA exonuclease 1 homolog (S. cerevisiae)	1,1
12792965	527837	CDCA4	cell division cycle associated 4	1,1
12722559	518698	LOC518698	similar to zinc finger protein 371	1,1
12869090	782368	AQP5	aquaporin 5	1,1
12726322	100137758	LOC100137758	similar to olfactory receptor Olfr607	1,1
12814712	789838	FBXL18	F-box and leucine-rich repeat protein 18	1,1
12698738	353121	CAPG	capping protein (actin filament), gelsolin-like	1,1

12895402	616886	IGFBPL1	insulin-like growth factor binding protein-like 1	1,1
12819454	510772	PNLIPRP2	pancreatic lipase-related protein 2	1,1
12818760	100297047	LOC100297047	hypothetical protein LOC100297047	1,1
12847911	781123	LOC781123	similar to ferritin	1,1
12759006	540860	ASPDH	aspartate dehydrogenase domain containing	1,1
12844155	511120	FAM40A	hypothetical protein LOC511120	1,1
12713901	327667	CACNB2	calcium channel, voltage-dependent, beta 2 subunit	1,1
12882714	100297420	LOC100297420	similar to cystathionase	1,1
12717854	100300738	LOC100300738	hypothetical protein LOC100300738	1,1
12882018	618720	TMEM161A	transmembrane protein 161A	1,1
12787829	527659	SLC6A18	solute carrier family 6, member 18	1,1
12817686	532330	LOC532330	similar to insulin receptor substrate-3	1,1
12785212	504663	MRPL36	mitochondrial ribosomal protein L36	1,1
12708563	785416	LOC785416	similar to eukaryotic translation elongation factor 1 beta 2	1,1
12725587	527884	GPR172B	G protein-coupled receptor 172B	1,1
12759268	615637	ERCC1	excision repair cross-complementing rodent repair deficiency, complementation group 1 (includes overlapping antisense sequence)	1,1
12887712	614895	LOC614895	similar to olfactory receptor MOR277-1	1,1
12839104	524284	AMIGO1	adhesion molecule with Ig-like domain 1	1,1
12853402	504305	IMPDH1	IMP (inosine monophosphate) dehydrogenase 1	1,1
12863886	280695	MB	myoglobin	1,1
12773913	100295717	LOC100295717	hypothetical protein LOC100295717	1,1
12847009	540228	PRMT6	protein arginine methyltransferase 6	1,1
12856418	100297751	LOC100297751	similar to translocase of the inner mitochondrial membrane 14	1,1
12773281	781847	NUFIP2	nuclear fragile X mental retardation protein interacting protein 2	1,1
12888860	100316905	LOC100316905	nucleoplasmin 2	1,1
12735466	512589	FBXO2	F-box protein 2	1,1
12903383	505899	ARSE	arylsulfatase E (chondrodysplasia punctata 1)	1,1
12884038	507157	TMEM59L	transmembrane protein 59-like	1,1
12784487	618533	LOC618533	similar to Peptidyl-prolyl cis-trans isomerase-like 1 (PPIase) (Rotamase)	1,1
12808338	537072	RNF165	ring finger protein 165	1,1
12877300	338031	FLT4	fms-related tyrosine kinase 4	1,1
12849983	511548	ABCB8	ATP-binding cassette, sub-family B (MDR/TAP), member 8	1,1
12758729	537311	THAP8	THAP domain containing 8	1,1
12846762	538651	ZSCAN20	zinc finger and SCAN domain containing 20	1,1
12779857	100137987	LOC100137987	similar to Uncharacterized protein C11orf70	1,1
12892597	280950	TXN	thioredoxin	1,1
12727061	505649	ACCS	1-aminocyclopropane-1-carboxylate synthase homolog (Arabidopsis)(non-functional)	1,1
12680597	517948	PIK3CB	phosphoinositide-3-kinase, catalytic, beta polypeptide	1,1
12906496	100297368	LOC100297368	similar to SMT3 supressor of mif two 3 homolog 2	1,1
12809187	281299	MC2R	melanocortin 2 receptor (adrenocorticotrophic hormone)	1,1
12856825	281139	CELA1	chymotrypsin-like elastase family, member 1	1,1
12834690	539431	MEN1	multiple endocrine neoplasia I	1,1
12773150	618629	GALR2	galanin receptor 2	1,1
12863674	100336471	LOC100336471	hypothetical protein LOC100336471	1,1
12754384	768070	TUBB3	tubulin, beta 3	1,1
12876090	784058	LOC784058	similar to dynein light chain 1	1,1
12866000	514832	PEX5	peroxisomal biogenesis factor 5	1,1
12794019	787577	LOC787577	similar to Frizzled-3 precursor (Fz-3) (hFz3)	1,1
12872896	100298905	LOC100298905	hypothetical protein LOC100298905	1,1
12686393	539803	MF12	antigen p97 (melanoma associated) identified by monoclonal antibodies 133.2 and 96.5	1,1

12801188	282495	BOLA-DQB	major histocompatibility complex, class II, DQ beta	1,1
12698621	282342	POLR1B	polymerase (RNA) I polypeptide B, 128kDa	1,1
12724165	280755	CRH	corticotropin releasing hormone	1,1
12730629	100336671	LOC100336671	progesterone receptor-like	1,1
12890642	521975	TRIM32	tripartite motif-containing 32	1,1
12879151	515291	RMND5B	required for meiotic nuclear division 5 homolog B (<i>S. cerevisiae</i>)	1,1
12829396	281465	ROM1	retinal outer segment membrane protein 1	1,1
12737253	614118	TSEN15	tRNA splicing endonuclease 15 homolog (<i>S. cerevisiae</i>)	1,1
12829226	100313053	MIR483	microRNA mir-483	1,1
12762549	510058	MRPL27	mitochondrial ribosomal protein L27	1,1
12862794	767978	NCAPH2	non-SMC condensin II complex, subunit H2	1,1
12766162	788751	EPX	eosinophil peroxidase	1,1
12781810	517781	DNAH7	dynein, axonemal, heavy chain 7	1,1
12768310	506628	CBX2	chromobox homolog 2 (Pc class homolog, <i>Drosophila</i>)	1,1
12679305	507217	LNP1	leukemia NUP98 fusion partner 1	1,1
12861917	540119	MCHR1	melanin-concentrating hormone receptor 1	1,1
12798767	509933	RHO	rhodopsin	1,1
12821208	100295378	LOC100295378	hypothetical protein LOC100295378	1,1
12864989	508130	MCAT	malonyl CoA:ACP acyltransferase (mitochondrial)	1,1
12828385	531398	OGDHL	oxoglutarate dehydrogenase-like	1,1
12715712	524061	ADARB2	adenosine deaminase, RNA-specific, B2 (RED2 homolog rat)	1,1
12873000	100336216	LOC100336216	cytochrome c oxidase, subunit VIIc-like	1,1
12885655	519630	C2CD4C	C2 calcium-dependent domain containing 4C	1,1
12720185	529745	SPATA2	spermatogenesis associated 2	1,1
12910112	614251	PNCK	pregnancy up-regulated non-ubiquitously expressed CaM kinase	1,1
12707493	539492	SIX2	SIX homeobox 2	1,1
12830527	513235	DPF2	D4, zinc and double PHD fingers family 2	1,1
12861056	533988	TMEM194A	transmembrane protein 194A	1,1
12739944	524282	LOC524282	similar to olfactory receptor Olfr1134	1,1
12795307	511801	UBE2D4	ubiquitin-conjugating enzyme E2D 4 (putative)	1,1
12828302	528971	PCNXL2	pecanex-like 2 (<i>Drosophila</i>)	1,1
12806784	617034	CD83	CD83 molecule	1,1
12834462	533859	PITPNM1	phosphatidylinositol transfer protein, membrane-associated 1	1,1
12682349	614624	ALG3	asparagine-linked glycosylation 3, alpha-1,3-mannosyltransferase homolog (<i>S. cerevisiae</i>)	1,1
12801272	407224	SLC22A7	solute carrier family 22 (organic anion transporter), member 7	1,1
12689582	516619	RABGGTA	Rab geranylgeranyltransferase, alpha subunit	1,1
12869400	788054	LOC788054	similar to Bcl-2-like 13 protein (Protein Mill) (Bcl-rambo)	1,1
12838567	515836	CCDC17	coiled-coil domain containing 17	1,1
12764980	539361	SREBF1	sterol regulatory element binding transcription factor 1	1,1
12851777	613948	SLC25A40	solute carrier family 25, member 40	1,1
12792293	510811	HOMER2	homer homolog 2 (<i>Drosophila</i>)	1,1
12882560	100125222	RAVER1	ribonucleoprotein, PTB-binding 1	1,1
12748992	100300424	LOC100300424	similar to calpain small subunit 2	1,1
12868256	613720	CCDC53	coiled-coil domain containing 53	1,1
12838617	516085	CYP4A22	cytochrome P450, family 4, subfamily A, polypeptide 22	1,1
12866811	529141	TAPBPL	TAP binding protein-like	1,1
12760503	100335673	LOC100335673	hypothetical protein LOC100335673	1,1
12716173	533351	C13H20orf4	chromosome 20 open reading frame 4 ortholog	1,1
12887933	617304	FBXL12	F-box and leucine-rich repeat protein 12	1,1
12798041	282167	CATHL5	cathelicidin 5	1,1

12682427	615627	TMEM50B	transmembrane protein 50B	1,1
12726026	615304	CPNE3	copine III	1,1
12702698	616015	C11H9orf16	chromosome 9 open reading frame 16 ortholog	1,1
12843060	493777	SMCP	sperm mitochondria-associated cysteine-rich protein	1,1
12723311	539379	ABRA	actin-binding Rho activating protein	1,1
12754214	618599	AURKC	aurora kinase C	1,1
12753668	614765	FBXL8	F-box and leucine-rich repeat protein 8	1,1
12823419	100313292	MIR2401	microRNA mir-2401	1,1
12909713	538475	PDZD4	PDZ domain containing 4	1,1
12741116	615476	KLHL17	kelch-like 17 (Drosophila)	1,1
12910785	788379	LOC788379	similar to Uncharacterized protein C14orf135 precursor (Hepatitis C virus F protein-binding protein 2) (HCV F protein-binding protein 2)	1,1
12845848	529879	CYM	chymosin	1,1
12887304	539970	DCAF15	DDB1 and CUL4 associated factor 15	1,1
12859490	514273	AMIGO2	adhesion molecule with Ig-like domain 2	1,1
12678992	504637	RFC4	replication factor C (activator 1) 4, 37kDa	1,1
12746023	507595	C17H12ORF65	chromosome 12 open reading frame 65 ortholog	1,1
12705309	511207	PSMB7	proteasome (prosome, macropain) subunit, beta type, 7	1,1
12772237	539216	KRT26	keratin 26	1,1
12683607	404083	POFUT2	protein O-fucosyltransferase 2	1,1
12907940	510841	PDK3	pyruvate dehydrogenase kinase, isozyme 3	1,1
12736412	528813	SCNN1D	sodium channel, nonvoltage-gated 1, delta	1,1
12728536	526411	LOC526411	similar to olfactory receptor Olr95	1,1
12900514	520174	NUP43	nucleoporin 43kDa	1,1
12845323	522972	EIF2C1	eukaryotic translation initiation factor 2C, 1	1,1
12773433	785213	MGAT5B	mannosyl (alpha-1,6-)-glycoprotein beta-1,6-N-acetyl-glucosaminyltransferase, isozyme B	1,1
12713599	281426	PRND	prion protein 2 (dublet)	1,1
12760142	789809	MGC157368	hypothetical protein LOC789809	1,1
12702307	540628	OTX1	orthodenticle homeobox 1	1,1
12767875	493989	XYLT2	xylosyltransferase II	1,1
12765273	614141	LOC614141	similar to CD300e molecule	1,1
12795215	510368	LRRFIP2	leucine rich repeat (in FLII) interacting protein 2	1,1
12846204	533609	ACOT11	acyl-CoA thioesterase 11	1,1
12719480	515755	SLC6A9	solute carrier family 6 (neurotransmitter transporter, glycine), member 9	1,1
12803989	786695	LOC786695	similar to major histocompatibility complex, class II, DR beta 3	1,1
12757485	518291	ZNF382	zinc finger protein 382	1,1
12740259	533766	HHIPL2	HHIP-like 2	1,1
12829466	282640	DCPS	decapping enzyme, scavenger	1,1
12910543	784453	LOC784453	similar to 52 kDa repressor of the inhibitor of the protein kinase (p58IPK-interacting protein) (58 kDa interferon-induced protein kinase-interacting protein) (P52rIPK) (Death-associated protein 4) (THAP domain-containing protein 0)	1,1
12734309	100336837	LOC100336837	taste receptor, type 1, member 3-like	1,1
12744928	787094	LOC787094	similar to tescalcin	1,1
12743842	535441	LOC535441	similar to Zinc/RING finger protein 3 precursor (RING finger protein 203)	1,1
12698233	100313120	MIR2294	microRNA mir-2294	1,1
12747236	531152	LOC531152	similar to solute carrier family 5 (sodium/glucose cotransporter), member 1	1,1
12729563	539974	NLRX1	NLR family member X1	1,1
12728524	525931	PDGFD	platelet derived growth factor D	1,1
12742416	510311	OSBP2	oxysterol binding protein 2	1,1
12775259	504235	STEAP3	STEAP family member 3	1,1
12905902	617475	LOC617475	similar to coagulation factor VIII-associated protein	1,1

12743609	534021	PGRMC2	progesterone receptor membrane component 2	1,1
12757550	518849	SLC17A7	solute carrier family 17 (sodium-dependent inorganic phosphate cotransporter), member 7	1,1
12834311	530507	TSPAN32	tetraspanin 32	1,1
12838119	513347	TNRC4	trinucleotide repeat containing 4	1,1
12747966	614115	SRRM4	serine/arginine repetitive matrix 4	1,1
12796249	531649	TRAK1	trafficking protein, kinesin binding 1	1,1
12901318	541595	B3GAT2	beta-1,3-glucuronyltransferase 2 (glucuronosyltransferase S)	1,1
12777661	532839	RAP1GAP	RAP1 GTPase activating protein	1,1
12774040	100313163	MIR2284U	microRNA mir-2284u	1,1
12882350	787301	LOC787301	similar to mCG141871	1,1
12734768	404034	OPTC	opticin	1,1
12686872	615622	LOC615622	similar to spindle and KT associated 2	1,1
12760478	100313157	MIR2347	microRNA mir-2347	1,1
12784994	100337033	LOC100337033	solute carrier family 38, member 9-like	1,1
12803773	767874	HSP90AB1	heat shock 90kDa protein 1, beta	1,1
12838446	514513	ANKRD35	ankyrin repeat domain 35	1,1
12748838	100271926	CHST8	carbohydrate (N-acetylgalactosamine 4-0) sulfotransferase 8	1,1
12841849	786371	LOC786371	similar to S100 calcium binding protein A7A	1,1
12902521	100301324	LOC100301324	similar to X-linked ectodysplasin receptor	1,1
12800056	539766	FGD5	FYVE, RhoGEF and PH domain containing 5	1,1
12895409	616893	LOC616893	similar to ribosomal protein S15a	1,1
12825737	100336522	LOC100336522	collectin-46-like	1,1
12791700	282038	RLBP1	retinaldehyde binding protein 1	1,1
12773728	789539	KCTD2	potassium channel tetramerisation domain containing 2	1,1
12829238	100336582	LOC100336582	deformed epidermal autoregulatory factor 1-like	1,1
12863558	100297155	LOC100297155	hypothetical protein LOC100297155	1,1
12710971	100294870	LOC100294870	hypothetical protein LOC100294870	1,1
12897798	530283	LOC530283	similar to DnaJ homolog subfamily A member 2 (HIRA-interacting protein 4) (Cell cycle progression restoration gene 3 protein) (Dnj3) (Dj3) (Renal carcinoma antigen NY-REN-14)	1,1
12863313	100125314	ALG12	asparagine-linked glycosylation 12, alpha-1,6-mannosyltransferase homolog (S. cerevisiae)	1,1
12779786	789769	SH2D5	SH2 domain containing 5	1,1
12808940	100295554	LOC100295554	hypothetical protein LOC100295554	1,1
12722016	506270	PTK2	PTK2 protein tyrosine kinase 2	1,1
12717771	100294983	LOC100294983	hypothetical protein LOC100294983	1,1
12821871	510376	ANKRD1	ankyrin repeat domain 1 (cardiac muscle)	1,1
12713409	100301361	LOC100301361	similar to vesicular inhibitory amino acid transporter	1,1
12726442	100300332	LOC100300332	hypothetical LOC100300332	1,1
12869920	281225	UBE2K	ubiquitin-conjugating enzyme E2K (UBC1 homolog, yeast)	1,1
12760042	789059	LOC789059	similar to 40S ribosomal protein S10	1,1
12742365	509084	CAMKK2	calcium/calmodulin-dependent protein kinase kinase 2, beta	1,1
12896082	789817	LOC789817	similar to Olfactory receptor 13C2 (Olfactory receptor OR9-12)	1,1
12702963	617833	LOC617833	similar to VIP17/MAL proteolipid	1,1
12760207	100125412	LOC100125412	hypothetical protein LOC100125412	1,1
12766760	100300922	LOC100300922	similar to alveolar soft part sarcoma chromosome region, candidate 1	1,1
12908456	516017	L1CAM	L1 cell adhesion molecule	1,1
12748833	100170932	MIR99B	microRNA mir-99b	1,1
12784077	613460	LOC613460	similar to ribosomal protein S3a	1,1
12859983	519417	PLEKHG7	pleckstrin homology domain containing, family G (with RhoGef domain) member 7	1,1

12781140	510683	PINK1	PTEN induced putative kinase 1	1,1
12852595	100138522	LOC100138522	hypothetical protein LOC100138522	1,1
12899778	506661	GPR6	G protein-coupled receptor 6	1,1
12880349	531199	PLIN5	perilipin 5	1,1
12716476	535742	SRC	v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian)	1,1
12847522	615915	LOC615915	similar to Uncharacterized protein C1orf177	1,1
12828206	521721	LRRC20	leucine rich repeat containing 20	1,1
12678240	100140254	LOC100140254	similar to 14-3-3 protein zeta/delta (Protein kinase C inhibitor protein 1) (KCIP-1)	1,1
12784001	541294	PLA2G2F	phospholipase A2, group IIF	1,1
12848593	100300635	LOC100300635	hypothetical protein LOC100300635	1,1
12902485	100299152	LOC100299152	hypothetical protein LOC100299152	1,1
12793119	532938	ARID3B	AT rich interactive domain 3B (BRIGHT-like)	1,1
12819326	507993	HABP2	hyaluronan binding protein 2	1,1
12859062	510994	ARF3	ADP-ribosylation factor 3	1,1
12812691	515573	UBE2I	ubiquitin-conjugating enzyme E2I (UBC9 homolog, yeast)	1,1
12703651	100336564	LOC100336564	anaphase-promoting complex subunit 2-like	1,1
12803172	538583	ENPP4	ectonucleotide pyrophosphatase/phosphodiesterase 4 (putative function)	1,1
12784427	617037	PECR	peroxisomal trans-2-enoyl-CoA reductase	1,1
12685704	534090	BDH1	3-hydroxybutyrate dehydrogenase, type 1	1,1
12817987	539182	SRCRB4D	scavenger receptor cysteine rich domain containing, group B (4 domains)	1,1
12888764	100141230	LOC100141230	similar to chromosome 9 open reading frame 79	1,1
12744521	616078	CABP7	calcium binding protein 7	1,1
12795781	516941	NCKIPSD	NCK interacting protein with SH3 domain	1,1
12766641	100140583	40795	septin 9	1,1
12684929	519394	HTR3C	5-hydroxytryptamine (serotonin) receptor 3, family member C	1,1
12906957	280887	OTC	ornithine carbamoyltransferase	1,1
12709022	281725	CRYL1	crystallin, lambda 1	1,1
12813827	540428	POLR2J	polymerase (RNA) II (DNA directed) polypeptide J, 13.3kDa	1,1
12762191	508014	TMEM102	transmembrane protein 102	1,1
12856461	100313101	MIR1291	microRNA mir-1291	1,1
12818316	617340	EMID2	EMI domain containing 2	1,1
12765783	767819	GSG2	germ cell associated 2 (haspin)	1,1
12775638	507475	C2orf17	hypothetical protein LOC507475	1,1
12818116	540757	TFAP4	transcription factor AP-4 (activating enhancer binding protein 4)	1,1
12705429	512086	SNAPC4	small nuclear RNA activating complex, polypeptide 4, 190kDa	1,1
12805178	508956	CUTA	cutA divalent cation tolerance homolog (E. coli)	1,1
12910403	781020	NDUFA1	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 1, 7.5kDa	1,1
12753700	614909	IRF8	interferon regulatory factor 8	1,1
12713172	100137721	INSM1	insulinoma-associated 1	1,1
12879349	518759	SLC36A1	solute carrier family 36 (proton/amino acid symporter), member 1	1,1
12905719	615809	LOC615809	similar to family with sequence similarity 127, member A	1,1
12780967	508890	LCK	lymphocyte-specific protein tyrosine kinase	1,1
12741595	791036	MIR200A	microRNA mir-200a	1,1
12896362	100336524	LOC100336524	gamma-aminobutyric acid receptor subunit rho-2-like	1,1
12831157	525567	FFR	Protein fat-free homolog	1,1
12763500	517903	RHBDF2	rhomboid 5 homolog 2 (Drosophila)	1,1

12813814	540229	HSD3B7	hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 7	1,1
12724647	508701	PPP1R16A	protein phosphatase 1, regulatory (inhibitor) subunit 16A	1,1
12754057	618037	CLPTM1	cleft lip and palate associated transmembrane protein 1	1,1
12844791	514791	HAPLN2	hyaluronan and proteoglycan link protein 2	1,1
12804050	789367	LOC789367	similar to olfactory receptor 120	1,1
12852788	100336170	LOC100336170	hypothetical protein LOC100336170	1,1
12794491	407118	SLC6A1	solute carrier family 6 (neurotransmitter transporter, GABA), member 1	1,1
12730046	617674	HTR3A	5-hydroxytryptamine (serotonin) receptor 3A	1,1
12831584	539375	ACTN3	actinin, alpha 3	1,1
12709807	523616	C1QTNF9	C1q and tumor necrosis factor related protein 9	1,1
12730693	100337430	LOC100337430	aristaless-like homeobox 4-like	1,1
12831507	536942	PCNXL3	pecanex-like 3 (Drosophila)	1,1
12840753	539919	VTCN1	V-set domain containing T cell activation inhibitor 1	1,1
12749501	282598	ATP1A3	ATPase, Na ⁺ /K ⁺ transporting, alpha 3 polypeptide	1,1
12716843	541217	TMEM90B	transmembrane protein 90B	1,1
12850085	512660	SEMA3C	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3C	1,1
12770437	515126	AMZ2	archaelysin family metalloproteinase 2	1,1
12797923	280719	AMT	aminomethyltransferase	1,1
12741042	614780	TNFRSF8	tumor necrosis factor receptor superfamily, member 8	1,1
12872608	618393	AMTN	amelotin	1,1
12719300	514398	SLA2	Src-like-adaptor 2	1,1
12679541	509578	CD96	CD96 molecule	1,1
12729903	614663	CALCA	calcitonin-related polypeptide alpha	1,1
12772043	538005	LSM12	LSM12 homolog (S. cerevisiae)	1,1
12793968	784511	DLGAP2	discs, large (Drosophila) homolog-associated protein 2	1,1
12690376	532120	BBS4	Bardet-Biedl syndrome 4	1,1
12758381	530828	LOC530828	similar to deleted in malignant brain tumors 1	1,1
12681978	539817	RTP2	receptor (chemosensory) transporter protein 2	1,1
12790524	529925	LOC529925	similar to myeloid-associated differentiation marker	1,1
12751062	511683	LOC511683	similar to Asparaginyl-tRNA synthetase	1,1
12748975	100299712	LOC100299712	similar to zinc finger protein 347	1,1
12842042	100124500	DUSP27	dual specificity phosphatase 27 (putative)	1,1
12840833	540439	EPHA10	EPH receptor A10	1,1
12823440	100337141	LOC100337141	signal peptidase complex subunit 3-like	1,1
12772652	614312	DVL2	dishevelled, dsh homolog 2 (Drosophila)	1,1
12852137	618575	LOC618575	similar to T-complex protein 1	1,1
12835134	618771	LOC618771	similar to Mas-related G-protein coupled receptor member G (G-protein coupled receptor 169)	1,1
12822597	532603	LOC532603	hypothetical protein LOC532603	1,1
12733835	782893	LOC782893	similar to TP53 regulated inhibitor of apoptosis 1	1,1
12722884	528249	LOC528249	similar to Uncharacterized protein C8orf45	1,1
12722506	516393	OC90	otoconin 90	1,1
12741098	615316	C1orf158	chromosome 1 open reading frame 158 ortholog	1,1
12886305	530411	UHRF1	ubiquitin-like with PHD and ring finger domains 1	1,1
12895914	783725	CD72	CD72 molecule	1,1
12712752	614308	ATP4B	ATPase, H ⁺ /K ⁺ exchanging, beta polypeptide	1,1
12727399	510115	LOC510115	similar to hCG2044604	1,1
12722912	528960	RRM2B	ribonucleotide reductase M2 B (TP53 inducible)	1,1
12845578	526819	KLHDC9	kelch domain containing 9	1,1
12842373	100297011	LOC100297011	similar to acyl-CoA thioesterase 12	1,1
12733942	785899	LOC785899	similar to Olfactory receptor 5AN1 (Olfactory receptor OR11-244)	1,1
12729927	615110	ACER3	alkaline ceramidase 3	1,1
12727595	511965	HINFP	MBD2-interacting zinc finger	1,1
12847822	767912	C3H1orf182	chromosome 1 open reading frame 182 ortholog	1,1

12855544	540606	WDR91	WD repeat domain 91	1,1
12812900	518085	NUDT16L1	nudix (nucleoside diphosphate linked moiety X)-type motif 16-like 1	1,1
12739066	508176	TMEM82	transmembrane protein 82	1,1
12829681	503685	CST6	cystatin E/M	1,1
12776200	511122	ZNF683	zinc finger protein 683	1,1
12910244	615950	SMS	spermine synthase	1,1
12708326	618673	KIAA1984	KIAA1984	1,1
12729944	615276	LOC615276	similar to olfactory receptor Olr145	1,1
12885809	522919	GNPDA1	glucosamine-6-phosphate deaminase 1	1,1
12755709	281674	CD79A	CD79a molecule, immunoglobulin-associated alpha	1,1
12884353	508421	SNCB	synuclein, beta	1,1
12757767	520157	HIPK4	homeodomain interacting protein kinase 4	1,1
12779652	783017	LOC783017	similar to Connector enhancer of kinase suppressor of ras 1 (Connector enhancer of KSR1) (hCNK1) (Connector enhancer of KSR-like) (CNK homolog protein 1)	1,1
12897332	518435	SYNJ2	synaptojanin 2	1,1
12857056	281908	MFAP5	microfibrillar associated protein 5	1,1
12742086	287011	CRYBB2	crystallin, beta B2	1,1
12682721	782921	LOC782921	similar to ferritin L subunit	1,1
12687249	784494	SEMA5B	sema domain, seven thrombospondin repeats (type 1 and type 1-like), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 5B	1,1
12821247	100313110	MIR1287	microRNA mir-1287	1,1
12693253	100336569	LOC100336569	tropomodulin 3 (ubiquitous)-like	1,1
12702493	613947	EDAR	ectodysplasin A receptor	1,1
12791252	617931	SIVA1	SIVA1, apoptosis-inducing factor	1,1
12718575	506470	LOC506470	similar to Transcription factor COE4 (Early B-cell factor 4) (EBF-4) (Olf-1/EBF-like 4) (OE-4) (O/E-4)	1,1
12743052	522039	FGA	fibrinogen alpha chain	1,1
12699401	508633	CD8B	CD8b molecule	1,1
12842478	100336746	LOC100336746	hypothetical protein LOC100336746	1,1
12699554	509462	ZBTB43	zinc finger and BTB domain containing 43	1,1
12895924	783838	LOC783838	similar to eukaryotic translation elongation factor 1 alpha 1	1,1
12686774	614924	NEK11	NIMA (never in mitosis gene a)- related kinase 11	1,1
12682459	616031	GK5	glycerol kinase 5	1,1
12847146	541065	LOC541065	similar to mCG54492	1,1
12730430	788649	LOC788649	similar to odorant receptor HOR3beta3	1,1
12837534	509866	HIVEP3	human immunodeficiency virus type I enhancer binding protein 3	1,1
12784808	100125239	CCDC127	coiled-coil domain containing 127	1,1
12690050	526525	F2RL1	coagulation factor II (thrombin) receptor-like 1	1,1
12685161	525407	LOC525407	similar to phosphatidylinositol glycan anchor biosynthesis, class Z	1,1
12773309	782104	MYO15A	myosin XVA	1,1
12709003	281457	GRK1	G protein-coupled receptor kinase 1	1,1
12852072	617189	LOC617189	similar to T-cell receptor beta chain V region CTL-F3 precursor	1,1
12711386	506598	CARS2	cysteinyl-tRNA synthetase 2, mitochondrial (putative)	1,1
12717933	280888	OXT	oxytocin, prepropeptide	1,1
12705537	513162	DPY30	dpy-30 homolog (C. elegans)	1,1
12818783	100300030	LOC100300030	hypothetical protein LOC100300030	1,1
12834876	614857	EPS8L2	EPS8-like 2	1,1
12866194	516043	APOBEC1	apolipoprotein B mRNA editing enzyme, catalytic polypeptide 1	1,1
12908711	521681	NOX1	NADPH oxidase 1	1,1
12833892	516934	RPUSD4	RNA pseudouridylate synthase domain containing 4	1,1

12745215	100299284	LOC100299284	similar to reticulon 4 receptor	1,1
12895957	784108	LOC784108	similar to olfactory receptor Olr834	1,1
12683740	504615	FETUB	fetuin B	1,1
12773089	618455	KRT33A	keratin 33A	1,1
12729648	540381	VPS11	vacuolar protein sorting 11 homolog (S. cerevisiae)	1,1
12897474	522232	LOC522232	similar to Brefeldin A-inhibited guanine nucleotide-exchange protein 3	1,1
12777077	523647	LOC523647	hypothetical LOC523647	1,1
12807218	789358	LOC789358	similar to Olfactory receptor 2J3 (Olfactory receptor OR6-16) (Olfactory receptor 6-6) (OR6-6) (Hs6M1-3)	1,1
12693406	281146	ESR2	estrogen receptor 2 (ER beta)	1,1
12710981	100296890	LOC100296890	hypothetical protein LOC100296890	1,1
12758964	540297	KLK13	kallikrein-related peptidase 13	1,1
12830658	514287	MS4A18	membrane-spanning 4-domains, subfamily A, member 18	1,1
12744496	615845	GATC	glutamyl-tRNA(Gln) amidotransferase, subunit C homolog (bacterial)	1,1
12886936	536348	NFIX	nuclear factor I/X (CCAAT-binding transcription factor)	1,1
12805770	515957	HIST1H1E	histone cluster 1, H1e	1,1
12789116	282870	CYP1A1	cytochrome P450, subfamily I (aromatic compound-inducible), polypeptide 1	1,1
12837217	507623	MED8	mediator complex subunit 8	1,1
12681140	527364	LOC527364	similar to slit and trk like 3 protein	1,1
12863633	100313001	MIR141	microRNA mir-141	1,1
12791050	613382	HDDC3	HD domain containing 3	1,1
12748930	100298623	LOC100298623	similar to scratch homolog 1, zinc finger protein	1,1
12727552	511777	LOC511777	similar to Olfactory receptor 6Q1	1,1
12882286	786096	PALM	paralemmin	1,1
12865802	513642	C5H12orf32	chromosome 12 open reading frame 32 ortholog	1,1
12805932	524959	TAP1	transporter 1, ATP-binding cassette, sub-family B (MDR/TAP)	1,1
12857197	282413	CACNA1I	calcium channel, voltage-dependent, T type, alpha 1I subunit	1,1
12758395	530835	OPA3	optic atrophy 3 (autosomal recessive, with chorea and spastic paraplegia)	1,1
12840741	539884	RFX5	regulatory factor X, 5 (influences HLA class II expression)	1,1
12791542	100300409	BTBD7	BTB (POZ) domain containing 7	1,1
12798391	505283	ABHD6	abhydrolase domain containing 6	1,1
12741599	791054	MIR200B	microRNA mir-200b	1,1
12890072	511587	POLR1E	polymerase (RNA) I polypeptide E, 53kDa	1,1
12727623	512070	ACAD8	acyl-Coenzyme A dehydrogenase family, member 8	1,1
12759479	618184	KDELRL1	KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 1	1,1
12727474	510722	LOC510722	similar to olfactory receptor MOR231-1	1,1
12753128	536775	CNTNAP4	contactin associated protein-like 4	1,1
12786526	613901	NSG2	HMP19 protein	1,1
12866487	520720	UHRF1BP1L	UHRF1 binding protein 1-like	1,1
12844515	513052	TOE1	target of EGR1, member 1 (nuclear)	1,1
12801306	504845	LOC504845	similar to HZFW1	1,1
12697972	100139799	GPSM1	G-protein signaling modulator 1 (AGS3-like, C. elegans)	1,1
12905670	614306	DUSP9	dual specificity phosphatase 9	1,1
12811311	281306	MDH2	malate dehydrogenase 2, NAD (mitochondrial)	1,1
12699355	507761	GARNL3	GTPase activating Rap/RanGAP domain-like 3	1,1
12758248	528332	LOC528332	similar to cationic amino acid transporter 5	1,1
12835084	618341	PTPRCAP	protein tyrosine phosphatase, receptor type, C-associated protein	1,1

12829905	506215	MS4A10	membrane-spanning 4-domains, subfamily A, member 10	1,1
12697783	786594	LOC786594	similar to T-cell receptor alpha chain	1,1
12843058	450212	RXFP4	relaxin/insulin-like family peptide receptor 4	1,1
12856595	100336725	LOC100336725	cadherin EGF LAG seven-pass G-type receptor 1-like	1,1
12722170	510007	MGC133577	hypothetical protein LOC510007	1,1
12814335	618423	GFER	growth factor, augments liver regeneration	1,1
12862321	614647	LOC614647	similar to male-enhanced antigen	1,1
12788336	615245	LOC615245	similar to Transcription initiation factor TFIID subunit 11 (Transcription initiation factor TFIID 28 kDa subunit) (TAF(II)28) (TAFII-28) (TAFII28) (TFIID subunit p30-beta)	1,1
12791562	100313308	MIR211	microRNA mir-211	1,1
12797286	767939	IFRD2	interferon-related developmental regulator 2	1,1
12804538	281805	GSTA1	glutathione S-transferase alpha 1	1,1
12794062	100124510	BAP1	BRCA1 associated protein-1	1,1
12860714	530776	LASS5	LAG1 homolog, ceramide synthase 5	1,1
12827565	100337323	LOC100337323	amyloid beta A4 precursor protein-binding family A member 2-like	1,1
12771070	523360	CARD14	caspase recruitment domain family, member 14	1,1
12762501	509631	WRAP53	WD repeat containing, antisense to TP53	1,1
12752133	521616	CACNG6	calcium channel, voltage-dependent, gamma subunit 6	1,1
12697024	613640	AP4E1	adaptor-related protein complex 4, epsilon 1 subunit	1,1
12784873	100298754	LOC100298754	similar to dynein, axonemal, heavy chain 5	1,1
12815052	100336779	LOC100336779	neuronal pentraxin 2-like	1,1
12748890	100296050	LOC100296050	similar to zinc finger protein 264	1,1
12789417	506063	ULK3	unc-51-like kinase 3 (C. elegans)	1,1
12812794	515997	E4F1	E4F transcription factor 1	1,1
12864647	505479	LOC505479	similar to Grp94 neighboring nucleotidase	1,1
12692023	616051	LOC616051	similar to PAIP1 protein	1,1
12781053	509772	HPCA	hippocalcin	1,1
12809435	510218	ALPK2	alpha-kinase 2	1,1
12876942	281449	RDH8	retinol dehydrogenase 8 (all-trans)	1,1
12804706	286851	GUCA1B	guanylate cyclase activator 1B (retina)	1,1
12708847	100336978	LOC100336978	rCG36889-like	1,1
12901596	787318	LOC787318	similar to dapper, antagonist of beta-catenin, homolog 2 (Xenopus laevis)	1,1
12740543	538270	MIB2	mindbomb homolog 2 (Drosophila)	1,1
12769497	511091	TSEN54	tRNA splicing endonuclease 54 homolog (S. cerevisiae)	1,1
12887268	539842	C1QTNF2	C1q and tumor necrosis factor related protein 2	1,1
12890713	524755	TAL2	T-cell acute lymphocytic leukemia 2	1,1
12768279	506198	GOSR2	golgi SNAP receptor complex member 2	1,1
12749019	100301323	LOC100301323	similar to low density lipoprotein receptor-related protein 3	1,1
12887186	539656	GTPBP3	GTP binding protein 3 (mitochondrial)	1,1
12708612	786098	ARRDC1	arrestin domain containing 1	1,1
12832373	100295837	LOC100295837	similar to ribosomal protein S26	1,1
12703320	789060	MGC134331	hypothetical protein LOC789060	1,1
12807897	512850	CETN1	centrin, EF-hand protein, 1	1,1
12700357	518514	IL1F5	interleukin 1 family, member 5 (delta)	1,1
12720297	532834	TRPC4AP	transient receptor potential cation channel, subfamily C, member 4 associated protein	1,1
12747813	539407	OGFOD2	2-oxoglutarate and iron-dependent oxygenase domain containing 2	1,1
12859450	514006	NFE2	nuclear factor (erythroid-derived 2), 45kDa	1,1
12781396	512161	HMG2	high-mobility group nucleosomal binding domain 2	1,1
12780325	282203	CRYBA2	crystallin, beta A2	1,1
12771020	522270	RASL10B	RAS-like, family 10, member B	1,1

12779968	100299516	LOC100299516	similar to ribosomal protein S6	1,1
12809817	519030	SPIRE1	spire homolog 1 (Drosophila)	1,1
12815943	507620	PALB2	partner and localizer of BRCA2	1,1
12777082	523797	ASAP3	ArfGAP with SH3 domain, ankyrin repeat and PH domain 3	1,1
12879938	525584	TRIM58	tripartite motif-containing 58	1,1
12726646	281054	CD3E	CD3e molecule, epsilon (CD3-TCR complex)	1,1
12833176	506676	UBXN1	UBX domain protein 1	1,1
12879418	519915	RFESD	Rieske (Fe-S) domain containing	1,1
12796784	540798	PRSS45	protease, serine, 45	1,1
12746104	508608	PGAM5	phosphoglycerate mutase family member 5	1,1
12863385	100139352	LOC100139352	similar to Protein FAM116B	1,1
12693786	414920	NGB	neuroglobin	1,1
12703398	100138733	LOC100138733	similar to envelope polyprotein	1,1
12816720	514813	USP7	similar to ubiquitin-specific protease 7	1,1
12724458	506235	HSF1	heat shock transcription factor 1	1,1
12755076	100126273	SLC7A10	solute carrier family 7, (neutral amino acid transporter, y+ system) member 10	1,1
12766484	100125299	EME1	essential meiotic endonuclease 1 homolog 1	1,1
12706268	525051	BRD3	bromodomain containing 3	1,1
12865751	513554	SOAT2	sterol O-acyltransferase 2	1,1
12825510	615007	TUSC3	tumor suppressor candidate 3	1,1
12713266	100295808	LOC100295808	hypothetical protein LOC100295808	1,1
12759592	618438	KLK8	kallikrein-related peptidase 8	1,1
12814661	789074	ZNF789	zinc finger protein 789	1,1
12842548	280830	IVL	involucrin	1,1
12716850	613304	SNRPB	small nuclear ribonucleoprotein polypeptides B and B1	1,1
12727427	510451	LOC510451	similar to Olfactory receptor 4S1 (Olfactory receptor OR11-100)	1,1
12901952	100298498	LOC100298498	similar to zonadhesin	1,1
12773920	100295933	LOC100295933	similar to ArfGAP with SH3 domain, ankyrin repeat and PH domain 3	1,1
12817258	524980	40800	septin 14	1,1
12690230	529231	THOC3	THO complex 3	1,1
12784501	767914	MGC128040	hypothetical protein MGC128040	1,1
12692261	781097	LOC781097	similar to 39S ribosomal protein L15, mitochondrial precursor (L15mt) (MRP-L15)	1,1
12856148	782902	VSTM2A	V-set and transmembrane domain containing 2A	1,1
12841825	786044	LOC786044	hypothetical LOC786044	1,1
12828338	529391	SYT15	synaptotagmin XV	1,1
12720558	535476	ZNF335	zinc finger protein 335	1,1
12831617	539539	RCE1	RCE1 homolog, prenyl protein peptidase (S. cerevisiae)	1,1
12725423	522614	ADCK5	aarF domain containing kinase 5	1,1
12720606	536356	TGM6	transglutaminase 6	1,1
12800795	788207	NBEAL2	neurobeachin-like 2	1,1
12721697	282612	CYHR1	cysteine/histidine-rich 1	1,1
12853629	507285	CHN2	chimerin (chimaerin) 2	1,1
12866666	523784	SLC6A13	solute carrier family 6 (neurotransmitter transporter, GABA), member 13	1,1
12755108	100138653	ZNF329	zinc finger protein 329	1,1
12790117	516483	LOC516483	similar to chromosome 14 open reading frame 68	1,1
12776010	509943	TSN	translin	1,1
12682834	785155	KRTAP13-3	keratin associated protein 13-3	1,1
12881604	614215	DDX39	DEAD (Asp-Glu-Ala-Asp) box polypeptide 39	1,1
12700508	520580	CDK9	cyclin-dependent kinase 9	1,1
12853139	282294	OPN1SW	opsin 1 (cone pigments), short-wave-sensitive	1,1
12806109	511195	CYP39A1	cytochrome P450, family 39, subfamily A, polypeptide 1	1,1
12878521	510434	MAP2K2	mitogen-activated protein kinase kinase 2	1,1

12678246	100140801	LOC100140801	similar to V-set and transmembrane domain-containing protein 3 precursor (V-set and immunoglobulin domain-containing protein 9)	1,1
12768586	507804	KPNB1	karyopherin (importin) beta 1	1,1
12798035	282165	CATHL2	cathelicidin 2	1,1
12770463	515229	SMCR7	Smith-Magenis syndrome chromosome region, candidate 7	1,1
12751298	512653	RABAC1	Rab acceptor 1 (prenylated)	1,1
12741130	615527	CENPL	centromere protein L	1,1
12755975	326334	CA11	carbonic anhydrase XI	1,1
12888105	768327	RPL36	ribosomal protein L36	1,1
12755614	100337402	LOC100337402	hypothetical LOC100337402	1,1
12718774	508142	TOMM34	translocase of outer mitochondrial membrane 34	1,1
12780755	506601	RCAN3	RCAN family member 3	1,1
12806033	529603	HCRTR2	hypocretin (orexin) receptor 2	1,1
12802146	515646	CLIC1	chloride intracellular channel 1	1,1
12735252	508137	DNAJC11	DnaJ (Hsp40) homolog, subfamily C, member 11	1,1
12761134	282459	PPP1R1B	protein phosphatase 1, regulatory (inhibitor) subunit 1B	1,1
12814986	100300732	LOC100300732	similar to glutamyl-tRNA synthetase 2	1,1
12841871	786728	LOC786728	similar to ribosomal protein L27a-like	1,1
12806713	615087	TUBB2B	tubulin, beta 2B	1,1
12841592	780806	ADORA3	adenosine A3 receptor	1,1
12881655	614692	LOC614692	similar to Chromosome 19 open reading frame 57	1,1
12788880	100335953	LOC100335953	hypothetical protein LOC100335953	1,1
12787480	515462	CDK7	cyclin-dependent kinase 7	1,1
12821009	617445	KAZALD1	Kazal-type serine peptidase inhibitor domain 1	1,1
12694288	509128	LOC509128	similar to olfactory receptor, family 11, subfamily H, member 1	1,1
12811708	504985	TSC2	tuberous sclerosis 2	1,1
12902540	100302527	LOC100302527	hypothetical protein LOC100302527	1,1
12838871	521656	CYP2J2	cytochrome P450, family 2, subfamily J, polypeptide 2	1,1
12731599	509545	PIWIL4	piwi-like 4 (Drosophila)	1,1
12859196	512464	SLC11A2	solute carrier family 11 (proton-coupled divalent metal ion transporters), member 2	1,1
12901759	100301201	LOC100301201	hypothetical protein LOC100301201	1,1
12737390	616459	MEGF6	multiple EGF-like-domains 6	1,1
12886445	532775	TMEM38A	transmembrane protein 38A	1,1
12886990	537502	ANKLE1	ankyrin repeat and LEM domain containing 1	1,1
12810769	786410	LOC786410	similar to serpin peptidase inhibitor, clade B like	1,1
12875895	618084	QDPR	quinoid dihydropteridine reductase	1,1
12752259	522611	CLEC11A	C-type lectin domain family 11, member A	1,1
12902176	790181	LOC790181	similar to immunoglobulin-like transcript 8; ILT8	1,1
12848227	787024	LOC787024	hypothetical LOC787024	1,1
12889712	507914	SORBS3	sorbin and SH3 domain containing 3	1,1
12894327	527795	LOC527795	hypothetical LOC527795	1,1
12888819	100299481	LOC100299481	similar to interferon, omega 1	1,1
12884408	508648	LOC508648	hypothetical LOC508648	1,1
12741137	615613	KISS1	KiSS-1 metastasis-suppressor	1,1
12841197	614897	SLFNL1	schlafen-like 1	1,1
12793713	615641	C21H14orf147	chromosome 14 open reading frame 147 ortholog	1,1
12801007	100336416	LOC100336416	rCG61023-like	1,1
12861795	539689	ALX1	ALX homeobox 1	1,1
12903552	508704	CCDC120	coiled-coil domain containing 120	1,1
12755220	100141141	LOC100141141	similar to zinc finger protein 132	1,1
12878000	506866	LOC506866	similar to ATM/ATR-Substrate Chk2-Interacting Zn2+-finger protein	1,1
12747187	530264	LOC530264	similar to Uncharacterized protein C14orf166B homolog	1,1
12822322	518385	GPR123	G protein-coupled receptor 123	1,1

12703542	100297996	LOC100297996	similar to olfactory receptor, family 1, subfamily F, member 1	1,1
12804925	505504	BTBD9	BTB (POZ) domain containing 9	1,1
12810659	615682	LOC615682	similar to mCG66639	1,1
12842381	100297233	LOC100297233	similar to ribosomal protein S27	1,1
12843099	504212	C3H1orf146	chromosome 1 open reading frame 146 ortholog	1,1
12737524	617386	LOC617386	similar to hCG1647286	1,1
12863005	783726	LOC783726	similar to ubiquitin-like/S30 ribosomal fusion protein	1,1
12732697	533008	LOC533008	similar to solute carrier family 35, member F2	1,1
12896347	100313244	MIR2481	microRNA mir-2481	1,1
12800476	615310	CAV3	caveolin 3	1,1
12862888	781777	RPL27A	ribosomal protein L27a	1,1
12766670	100170933	MIR195	microRNA mir-195	1,1
12731093	504225	AKIP1	protein kinase A-interacting protein 1	1,1
12889041	280981	PLIN2	perilipin 2	1,1
12770029	513059	ATAD5	ATPase family, AAA domain containing 5	1,1
12753470	540172	RBM42	RNA binding motif protein 42	1,1
12812007	508048	PIGQ	phosphatidylinositol glycan anchor biosynthesis, class Q	1,1
12698253	100335712	LOC100335712	hypothetical protein LOC100335712	1,1
12781933	519807	LOC519807	similar to Coiled-coil domain-containing protein 108	1,1
12689805	520897	SDR39U1	short chain dehydrogenase/reductase family 39U, member 1	1,1
12830400	511466	SSSCA1	Sjogren syndrome/scleroderma autoantigen 1	1,1
12713219	100140857	LOC100140857	hypothetical protein LOC100140857	1,1
12717833	100297330	LOC100297330	hypothetical protein LOC100297330	1,1
12780828	507473	C2H2orf24	chromosome 2 open reading frame 24 ortholog	1,1
12771902	535907	KCNH4	potassium voltage-gated channel, subfamily H (eag-related), member 4	1,1
12823599	407998	F11	coagulation factor XI	1,1
12743526	533158	C17H12orf52	chromosome 12 open reading frame 52 ortholog	1,1
12778491	538905	FNDC5	fibronectin type III domain containing 5	1,1
12732977	537812	DPAGT1	dolichyl-phosphate (UDP-N-acetylglucosamine) N-acetylglucosaminophosphotransferase 1 (GlcNAc-1-P transferase)	1,1
12767170	281370	LOC281370	polyubiquitin	1,1
12735883	519165	HLX	H2.0-like homeobox	1,1
12904537	525400	MAGEA9B	similar to Melanoma-associated antigen 4 (MAGE-4 antigen) (MAGE-X2) (MAGE-41) (Cancer/testis antigen 1.4) (CT1.4)	1,1
12863307	100125307	FAM119B	family with sequence similarity 119, member B	1,1
12851814	614571	NXPH1	neurexophilin 1	1,1
12803892	783502	LOC783502	similar to ubiquinol--cytochrome c reductase	1,1
12890668	523509	LOC523509	similar to interferon-tau	1,1
12867757	538716	HOXC13	homeobox C13	1,1
12761964	506769	SKAP1	src kinase associated phosphoprotein 1	1,1
12872964	100301175	LOC100301175	similar to small nuclear ribonucleoprotein polypeptide G	1,1
12779684	785710	LOC785710	similar to occludin/ELL domain containing 1	1,1
12753910	617257	CCDC9	coiled-coil domain containing 9	1,1
12763319	515014	MRPL10	mitochondrial ribosomal protein L10	1,1
12678232	100139888	LOC100139888	similar to Heterogeneous nuclear ribonucleoprotein C (C1/C2)	1,1
12870678	508540	LOC508540	similar to genethonin 1	1,1
12821245	100313109	MIR1307	microRNA mir-1307	1,1
12782879	533764	RPE	ribulose-5-phosphate-3-epimerase	1,1
12736341	525101	LOC525101	similar to preferentially expressed antigen in melanoma	1,1
12906829	100337137	LOC100337137	patched domain containing 1-like	1,1
12725693	534407	RIPK2	receptor-interacting serine-threonine kinase 2	1,1

12802155	515674	ZNF184	zinc finger protein 184	1,1
12903014	286799	FIGF	c-fos induced growth factor (vascular endothelial growth factor D)	1,1
12751010	510934	C18H16orf57	chromosome 16 open reading frame 57 ortholog	1,1
12730199	782645	LOC782645	similar to olfactory receptor Olf245	1,0
12788964	100337486	LOC100337486	hCG22909-like	1,0
12812319	511836	HAGHL	hydroxyacylglutathione hydrolase-like	1,0
12886424	532029	GNA15	guanine nucleotide binding protein (G protein), alpha 15 (Gq class)	1,0
12835956	281766	FCGR3	Fc fragment of IgG, low affinity IIIa, receptor (CD16a)	1,0
12713254	100294746	LOC100294746	similar to ubiquitin-conjugating enzyme E2D 3	1,0
12869642	100335675	LOC100335675	hypothetical protein LOC100335675	1,0
12759210	615198	TMEM149	transmembrane protein 149	1,0
12860378	525034	KRT74	keratin 74	1,0
12879490	521100	DPP9	dipeptidyl-peptidase 9	1,0
12904211	515968	GEMIN8	gem (nuclear organelle) associated protein 8	1,0
12901560	784564	WISP3	WNT1 inducible signaling pathway protein 3	1,0
12826946	540089	C28H10orf104	chromosome 10 open reading frame 104 ortholog	1,0
12703466	100294848	LOC100294848	hypothetical protein LOC100294848	1,0
12692366	783566	VPS13C	vacuolar protein sorting 13 homolog C (S. cerevisiae)	1,0
12710646	617336	SHISA2	shisa homolog 2 (Xenopus laevis)	1,0
12879771	523375	NANOS3	nanos homolog 3 (Drosophila)	1,0
12778548	539662	CD164L2	CD164 sialomucin-like 2	1,0
12698846	493992	ST6GAL2	ST6 beta-galactosamide alpha-2,6-sialyltransferase 2	1,0
12768962	508710	MPP3	membrane protein, palmitoylated 3 (MAGUK p55 subfamily member 3)	1,0
12758846	539209	LOC539209	similar to Dapper homolog 3 (Antagonist of beta-catenin Dapper homolog 3) (Arginine-rich region 1 protein)	1,0
12751129	512005	LOC512005	similar to phospholipase A2 inhibitor beta subunit	1,0
12879664	522480	REEP6	receptor accessory protein 6	1,0
12814133	617590	SRRM3	serine/arginine repetitive matrix 3	1,0
12708484	783330	RC3H2	ring finger and CCCH-type zinc finger domains 2	1,0
12678822	282690	ATP5J	ATP synthase, H ⁺ transporting, mitochondrial F0 complex, subunit F6	1,0
12714619	509864	PABPC1L	poly(A) binding protein, cytoplasmic 1-like	1,0
12717993	281509	SVIL	supervillin	1,0
12846049	531467	LOC531467	hypothetical LOC531467	1,0
12806404	537922	TNFRSF21	tumor necrosis factor receptor superfamily, member 21	1,0
12820080	524314	PWWP2B	PWWP domain containing 2B	1,0
12728739	529006	ZFP91	zinc finger protein 91 homolog (mouse)	1,0
12756190	504769	CYP2B	cytochrome P450 subfamily 2B	1,0
12710890	100125303	GRTP1	growth hormone regulated TBC protein 1	1,0
12796005	522718	SLC22A14	solute carrier family 22, member 14	1,0
12863379	100138893	LOC100138893	similar to solute carrier family 10, member 3	1,0
12908913	526313	LOC526313	similar to testis expressed sequence 13A	1,0
12837252	507948	PTCH2	patched homolog 2 (Drosophila)	1,0
12889007	280750	CLU	clusterin	1,0
12796058	525504	MST1R	macrophage stimulating 1 receptor (c-met-related tyrosine kinase)	1,0
12680200	513618	PCOLCE2	procollagen C-endopeptidase enhancer 2	1,0
12840025	534692	SSX2IP	synovial sarcoma, X breakpoint 2 interacting protein	1,0
12901340	613695	C9H6ORF203	chromosome 6 open reading frame 203 ortholog	1,0
12832151	785005	APLP2	amyloid beta (A4) precursor-like protein 2	1,0
12681492	534432	CCDC39	coiled-coil domain containing 39	1,0
12704196	404173	GNLY	granulysin	1,0
12721144	768241	PDRG1	p53 and DNA-damage regulated 1	1,0

12734155	100140960	LOC100140960	similar to Contactin-2 precursor (Axonin-1) (Axonal glycoprotein TAG-1) (Transient axonal glycoprotein 1) (TAX-1)	1,0
12722270	512499	SHARPIN	SHANK-associated RH domain interactor	1,0
12699945	514255	SLC20A1	solute carrier family 20 (phosphate transporter), member 1	1,0
12725941	540422	LOC540422	similar to tigger transposable element derived 5	1,0
12758921	539503	ZNF296	zinc finger protein 296	1,0
12888940	100336613	LOC100336613	hypothetical protein LOC100336613	1,0
12801319	505030	PRICKLE4	prickle homolog 4 (Drosophila)	1,0
12884855	511085	C7H19orf60	chromosome 19 open reading frame 60 ortholog	1,0
12836394	504454	NT5C1A	5'-nucleotidase, cytosolic IA	1,0
12816447	512522	KIAA0415	hypothetical protein LOC512522	1,0
12700968	526134	SLC9A2	solute carrier family 9 (sodium/hydrogen exchanger), member 2	1,0
12736210	522378	CPSF3L	cleavage and polyadenylation specific factor 3-like	1,0
12824549	782215	LOC782215	similar to solute carrier family 35, member F2	1,0
12695922	531597	REM2	RAS (RAD and GEM)-like GTP binding 2	1,0
12703105	781566	LOC781566	similar to Histone H3.3B CG8989-PA	1,0
12829100	100137737	LRDD	leucine-rich repeats and death domain containing	1,0
12852487	785954	LOC785954	similar to 40S ribosomal protein S10	1,0
12738504	281401	PIGR	polymeric immunoglobulin receptor	1,0
12900011	510505	PRDM13	PR domain containing 13	1,0
12702827	617116	LOC617116	similar to Uncharacterized protein C9orf117 homolog	1,0
12854848	530095	DGKI	diacylglycerol kinase, iota	1,0
12710878	100101492	STK24	serine/threonine kinase 24 (STE20 homolog, yeast)	1,0
12899474	281817	HINT3	histidine triad nucleotide binding protein 3	1,0
12747254	531875	PCDH10	protocadherin 10	1,0
12760806	281453	RGS9	regulator of G-protein signaling 9	1,0
12714379	507479	CEP250	centrosomal protein 250kDa	1,0
12769405	510698	VAT1	vesicle amine transport protein 1 homolog (T. californica)	1,0
12860523	527201	DCTN2	dynactin 2 (p50)	1,0
12755175	100140306	LMTK3	lemur tyrosine kinase 3	1,0
12869451	790482	LOC790482	hypothetical LOC790482	1,0
12826305	515152	OPN4	opsin 4	1,0
12891928	616903	LOC616903	similar to cutA divalent cation tolerance homolog	1,0
12832078	767983	SDHAF2	succinate dehydrogenase complex assembly factor 2	1,0
12733471	614849	C15H11orf59	rhoA activator C11orf59 homolog	1,0
12903732	511602	COL4A5	collagen, type IV, alpha 5	1,0
12876465	100299238	LOC100299238	similar to olfactory receptor Olr1654	1,0
12745017	100138493	LOC100138493	hypothetical protein LOC100138493	1,0
12780918	508160	PADI3	similar to peptidylarginine deiminase	1,0
12734180	100295210	LOC100295210	similar to chemokine (C motif) ligand 1	1,0
12895278	613985	LOC613985	similar to Rho-related BTB domain containing 2	1,0
12707806	613652	UBAC1	UBA domain containing 1	1,0
12724574	508078	DENND3	DENN/MADD domain containing 3	1,0
12717828	100296926	LOC100296926	similar to tissue factor pathway inhibitor	1,0
12809508	510927	LOC510927	hypothetical LOC510927	1,0
12718287	504400	RBCK1	RanBP-type and C3HC4-type zinc finger containing 1	1,0
12794046	789855	LOC789855	similar to mCG64442	1,0
12779731	788579	IFFO2	intermediate filament family orphan 2	1,0
12902471	100299135	LOC100299135	similar to latrophilin 1	1,0
12723461	614581	LOC614581	similar to ADP-ribosylation factor 4	1,0
12750514	508813	KATNB1	katanin p80 (WD repeat containing) subunit B 1	1,0
12763370	515219	MAFG	v-maf musculoaponeurotic fibrosarcoma oncogene homolog G (avian)	1,0
12811550	282576	ACSM1	acyl-CoA synthetase medium-chain family member 1	1,0
12699528	509130	AUP1	ancient ubiquitous protein 1	1,0

12798610	507417	ABTB1	ankyrin repeat and BTB (POZ) domain containing 1	1,0
12876521	100313300	MIR2456	microRNA mir-2456	1,0
12694130	508059	CPNE6	copine VI (neuronal)	1,0
12824568	783012	LOC783012	hypothetical protein LOC783012	1,0
12742576	512364	ZNF84	zinc finger protein 84	1,0
12847414	614969	KCNJ9	potassium inwardly-rectifying channel, subfamily J, member 9	1,0
12759413	617418	KLK5	kallikrein-related peptidase 5	1,0
12730297	784187	LOC784187	similar to MOR 3Beta4	1,0
12813277	527935	GLIS2	GLIS family zinc finger 2	1,0
12901286	541240	SLC16A10	solute carrier family 16, member 10 (aromatic amino acid transporter)	1,0
12860371	524779	DTX3	deltex homolog 3 (Drosophila)	1,0
12727168	506988	MRPL17	mitochondrial ribosomal protein L17	1,0
12803805	767904	MGC126945	hypothetical protein MGC126945	1,0
12802289	519345	SLC17A3	solute carrier family 17 (sodium phosphate), member 3	1,0
12823929	513116	DDHD2	DDHD domain containing 2	1,0
12772164	538933	TBX21	T-box 21	1,0
12757178	513676	SIX5	SIX homeobox 5	1,0
12737494	617120	PLD5	phospholipase D family, member 5	1,0
12868502	615896	SYCP3	synaptonemal complex protein 3	1,0
12745119	100297780	LOC100297780	similar to CG7532	1,0
12858172	506534	CNPY2	canopy 2 homolog (zebrafish)	1,0
12906253	788059	LOC788059	hypothetical LOC788059	1,0
12708522	783761	LOC783761	similar to enhancer of rudimentary homolog	1,0
12860640	528860	CHST11	carbohydrate (chondroitin 4) sulfotransferase 11	1,0
12823022	613539	LOC613539	similar to family with sequence similarity 26, member A	1,0
12779522	618019	LOC618019	similar to Family with sequence similarity 131, member C	1,0
12882627	100138414	LOC100138414	similar to Tigger transposable element-derived protein 6	1,0
12710899	100135054	GTF3A	general transcription factor IIIA	1,0
12868322	614599	REP15	RAB15 effector protein	1,0
12906343	100125231	LOC100125231	melanoma antigen family D, 4-like	1,0
12764208	531104	USH1G	Usher syndrome 1G (autosomal recessive)	1,0
12904359	520739	SNX12	sorting nexin 12	1,0
12717796	100296025	LOC100296025	hypothetical protein LOC100296025	1,0
12708452	781337	LOC781337	hypothetical LOC781337	1,0
12818345	617865	SLC12A9	solute carrier family 12 (potassium/chloride transporters), member 9	1,0
12705845	515534	RPL35	ribosomal protein L35	1,0
12841606	781106	NEGR1	neuronal growth regulator 1	1,0
12905980	767992	SSX5	synovial sarcoma, X breakpoint 5	1,0
12701411	534512	HMCN2	similar to hemicentin 2	1,0
12833859	515990	MRPL11	mitochondrial ribosomal protein L11	1,0
12723933	100141215	LOC100141215	similar to mCG22096	1,0
12829750	505015	GPR137	G protein-coupled receptor 137	1,0
12863325	100125923	SCO2	SCO cytochrome oxidase deficient homolog 2 (yeast)	1,0
12901724	100301243	LOC100301243	similar to fumarylacetoacetate hydrolase domain containing 1	1,0
12758435	532677	KLK6	kallikrein-related peptidase 6	1,0
12728307	520270	DNAJB13	DnaJ (Hsp40) related, subfamily B, member 13	1,0
12838095	513217	C8B	complement component 8, beta polypeptide	1,0
12887334	540114	PWWP2A	PWWP domain containing 2A	1,0
12794313	280846	LTF	lactotransferrin	1,0
12801960	513928	ATF6B	activating transcription factor 6 beta	1,0
12752604	530447	TBCB	tubulin folding cofactor B	1,0
12738604	282590	KCNK2	potassium channel, subfamily K, member 2	1,0

12865921	514409	KCNH3	potassium voltage-gated channel, subfamily H (eag-related), member 3	1,0
12835034	617578	GPHA2	glycoprotein hormone alpha 2	1,0
12811029	100296776	LOC100296776	hypothetical protein LOC100296776	1,0
12803431	541138	KLHDC3	kelch domain containing 3	1,0
12812908	518366	SNX29	sorting nexin 29	1,0
12714927	513202	LOC513202	hypothetical LOC513202	1,0
12724853	511188	EYA1	eyes absent homolog 1 (Drosophila)	1,0
12816544	513111	LOC513111	hypothetical LOC513111	1,0
12876185	100125915	CTXN3	cortexin 3	1,0
12878280	508733	C7H19orf56	chromosome 19 open reading frame 56 ortholog	1,0
12728368	521645	LOC521645	similar to olfactory receptor 694 (predicted)	1,0
12749636	369024	NCR1	natural cytotoxicity triggering receptor 1	1,0
12907178	281620	AMELX	amelogenin (amelogenesis imperfecta 1, X-linked)	1,0
12881395	540820	CATSPER3	cation channel, sperm associated 3	1,0
12845655	527883	KIF1A	kinesin family member 1A	1,0
12808812	781724	LOC781724	similar to ribosomal protein L6-like	1,0
12758621	534348	FCGBP	Fc fragment of IgG binding protein	1,0
12851484	538986	FIGNL1	fidgetin-like 1	1,0
12908150	512495	SLC38A5	solute carrier family 38, member 5	1,0
12814309	618217	LOC618217	similar to zinc finger protein 316	1,0
12738191	100336762	LOC100336762	kinesin family member 26B-like	1,0
12763236	514377	NAT9	N-acetyltransferase 9 (GCN5-related, putative)	1,0
12879601	521901	LOC521901	similar to 60S acidic ribosomal protein P2 (Renal carcinoma antigen NY-REN-44)	1,0
12894072	519613	REEP4	receptor accessory protein 4	1,0
12817078	521021	LOC521021	similar to Ectonucleotide pyrophosphatase/phosphodiesterase family member 7 precursor (E-NPP7) (NPP-7) (Alkaline sphingomyelin phosphodiesterase) (Intestinal alkaline sphingomyelinase) (Alk-SMase)	1,0
12680722	519014	ARL6	ADP-ribosylation factor-like 6	1,0
12682844	785659	LOC785659	similar to seven in absentia homolog 2	1,0
12732900	535407	ACP2	acid phosphatase 2, lysosomal	1,0
12889857	508628	RPS6	ribosomal protein S6	1,0
12700287	517357	FBXW5	F-box and WD repeat domain containing 5	1,0
12830314	510729	TRPT1	tRNA phosphotransferase 1	1,0
12782886	533850	R3HDM1	R3H domain containing 1	1,0
12863569	100297485	LOC100297485	hypothetical protein LOC100297485	1,0
12772191	539074	TRPV1	transient receptor potential cation channel, subfamily V, member 1	1,0
12784722	787484	LOC787484	similar to ribosomal protein L10a	1,0
12887231	539805	LOC539805	similar to hCG27535	1,0
12902685	100336808	LOC100336808	phosphorylase kinase, alpha 1 (muscle)-like	1,0
12862306	614457	NRIP2	nuclear receptor interacting protein 2	1,0
12679731	510855	LOC510855	similar to Pericentrin (Pericentrin B) (Kendrin)	1,0
12841424	617478	C1orf110	chromosome 1 open reading frame 110 ortholog	1,0
12771139	524719	ERN1	endoplasmic reticulum to nucleus signaling 1	1,0
12866953	532881	FGFR1OP2	FGFR1 oncogene partner 2	1,0
12695573	527711	LOC527711	similar to spectrin, beta, erythrocytic (includes spherocytosis, clinical type I)	1,0
12818465	618672	MGC142811	hypothetical protein LOC618672	1,0
12764129	529507	RAD51L3	RAD51-like 3 (S. cerevisiae)	1,0
12770638	516595	PTRH2	peptidyl-tRNA hydrolase 2	1,0
12865078	509108	RPS19BP1	ribosomal protein S19 binding protein 1	1,0
12840686	539608	KCNA2	potassium voltage-gated channel, shaker-related subfamily, member 2	1,0
12844960	516328	USP1	ubiquitin specific peptidase 1	1,0
12815227	281567	UMOD	uromodulin	1,0

12794286	100336434	LOC100336434	hypothetical protein LOC100336434	1,0
12691613	541058	RFX7	regulatory factor X, 7	1,0
12884128	507615	CYP4F2	cytochrome P450, family 4, subfamily F, polypeptide 2	1,0
12883701	504535	CHAF1A	chromatin assembly factor 1, subunit A (p150)	1,0
12784351	616377	CDA	cytidine deaminase	1,0
12887870	616620	ODF3L2	outer dense fiber of sperm tails 3-like 2	1,0
12704969	509502	PTCD3	Pentatricopeptide repeat domain 3	1,0
12718315	504895	BCAS1	breast carcinoma amplified sequence 1	1,0
12707153	536852	LYG2	lysozyme G-like 2	1,0
12807432	100337187	LOC100337187	hypothetical protein LOC100337187	1,0
12720872	615428	TNNC2	troponin C type 2 (fast)	1,0
12876570	100336349	LOC100336349	vav 1 guanine nucleotide exchange factor-like	1,0
12698608	282333	PTPN13	protein tyrosine phosphatase, non-receptor type 13 (APO-1/CD95 (Fas)-associated phosphatase)	1,0
12706012	517590	EFR3B	EFR3 homolog B (<i>S. cerevisiae</i>)	1,0
12765578	617069	HS3ST3B1	heparan sulfate (glucosamine) 3-O-sulfotransferase 3B1	1,0
12866349	517587	INHBE	inhibin, beta E	1,0
12846227	533725	CGN	cingulin	1,0
12714716	511144	DDRGK1	DDRGK domain containing 1	1,0
12688130	282340	RNASE1	ribonuclease	1,0
12779317	616317	STMN1	stathmin 1	1,0
12693196	100313324	MIR2290	microRNA mir-2290	1,0
12778179	536610	UNC80	unc-80 homolog (<i>C. elegans</i>)	1,0
12686542	540879	C1H21ORF7	chromosome 21 open reading frame 7 ortholog	1,0
12781604	514809	OTUD3	OTU domain containing 3	1,0
12772876	616474	SLC47A1	solute carrier family 47, member 1	1,0
12688861	510474	SFRS5	splicing factor, arginine/serine-rich 5	1,0
12896763	504511	LOC504511	hypothetical LOC504511	1,0
12843918	509027	CA14	carbonic anhydrase XIV	1,0
12835587	100300734	LOC100300734	hypothetical protein LOC100300734	1,0
12745249	100336952	LOC100336952	IGL@ protein-like	1,0
12903714	511210	TSR2	TSR2, 20S rRNA accumulation, homolog (<i>S. cerevisiae</i>)	1,0
12763539	518665	ARL16	ADP-ribosylation factor-like 16	1,0
12718388	505361	VPS16	vacuolar protein sorting 16 homolog (<i>S. cerevisiae</i>)	1,0
12820210	527722	SPADH2	spermadhesin 2	1,0
12707830	613736	MED22	mediator complex subunit 22	1,0
12769591	511225	CCDC137	coiled-coil domain containing 137	1,0
12778323	537711	ABI2	abl-interactor 2	1,0
12724312	327660	NDUFB9	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 9, 22kDa	1,0
12759329	616834	IRGQ	immunity-related GTPase family, Q	1,0
12838883	521798	DCST2	DC-STAMP domain containing 2	1,0
12823286	788526	TCERG1L	transcription elongation regulator 1-like	1,0
12737563	617403	TMEM52	transmembrane protein 52	1,0
12767703	353112	ELP2P	endozepine-like peptide 2 pseudogene	1,0
12715602	522230	C13H20ORF7	chromosome 20 open reading frame 7 ortholog	1,0
12693259	100336614	LOC100336614	cartilage intermediate layer protein, nucleotide pyrophosphohydrolase-like	1,0
12774348	281050	CD28	CD28 molecule	1,0
12753856	616350	CD177	CD177 molecule	1,0
12910664	785684	LOC785684	similar to Homeobox protein ESX1 (Extraembryonic, spermatogenesis, homeobox 1)	1,0
12683165	100337350	LOC100337350	glycogen synthase kinase 3 beta-like	1,0
12713392	100298832	LOC100298832	similar to ubiquitin-conjugating enzyme E2D 3	1,0
12804634	282494	BOLA-DQA5	major histocompatibility complex, class II, DQ alpha 5	1,0
12883137	281160	FGF1	fibroblast growth factor 1 (acidic)	1,0
12682836	785221	LOC785221	similar to keratin associated protein 13-2	1,0
12821106	785216	GSTO1	glutathione S-transferase omega 1	1,0

12760414	100296618	LOC100296618	similar to extracellular proteinase inhibitor	1,0
12882738	100298629	LOC100298629	hypothetical protein LOC100298629	1,0
12780686	505142	TBR1	T-box, brain, 1	1,0
12765756	618638	TRIM47	tripartite motif-containing 47	1,0
12816615	513552	TMEM186	transmembrane protein 186	1,0
12805902	523600	TCTE1	t-complex-associated-testis-expressed 1	1,0
12892077	782699	ADAM20	ADAM metallopeptidase domain 20	1,0
12812824	516237	MSLN	mesothelin	1,0
12729983	616216	OOSP1	oocyte-secreted protein 1	1,0
12855981	616626	LOC616626	hypothetical LOC616626	1,0
12806969	768055	GSTA3	glutathione S-transferase, alpha 3	1,0
12737767	786967	LOC786967	similar to Glutaredoxin-1 (Thioltransferase-1) (TTase-1)	1,0
12880373	532432	REEP2	receptor accessory protein 2	1,0
12815269	282485	SULT1A1	sulfotransferase family, cytosolic, 1A, phenol-preferring, member 1	1,0
12761999	506996	USP43	ubiquitin specific peptidase 43	1,0
12805944	525344	PRR3	proline rich 3	1,0
12702416	541268	DAB2IP	DAB2 interacting protein	1,0
12795364	512192	GLT8D1	glycosyltransferase 8 domain containing 1	1,0
12727095	505716	RELT	RELT tumor necrosis factor receptor	1,0
12837338	508363	CLSPN	claspin homolog (Xenopus laevis)	1,0
12905911	618014	LOC618014	similar to germ cell-less	1,0
12886016	526668	LOC526668	similar to C19orf28 protein	1,0
12907848	509780	PRICKLE3	prickle homolog 3 (Drosophila)	1,0
12698986	504570	LOC504570	similar to olfactory receptor, family 1, subfamily L, member 6	1,0
12826845	537799	BICC1	bicaudal C homolog 1 (Drosophila)	1,0
12860010	519940	RDH16	retinol dehydrogenase 16 (all-trans)	1,0
12890262	514189	LOC514189	hypothetical LOC514189	1,0
12749236	100337295	LOC100337295	interleukin 11-like	1,0
12761176	282562	ATP1B2	ATPase, Na ⁺ /K ⁺ transporting, beta 2 polypeptide	1,0
12888808	100298573	LOC100298573	similar to interferon, omega 1	1,0
12818334	617840	SH2B2	SH2B adaptor protein 2	1,0
12747950	614062	CCDC60	coiled-coil domain containing 60	1,0
12701269	533115	MSH2	mutS homolog 2, colon cancer, nonpolyposis type 1 (E. coli)	1,0
12705243	510840	ANKRD39	ankyrin repeat domain 39	1,0
12893492	512203	C8H9orf23	alba-like protein C9orf23 homolog	1,0
12819310	507668	LCOR	ligand dependent nuclear receptor corepressor	1,0
12786781	100336412	LOC100336412	ZAR1-like protein-like	1,0
12905324	539029	LOC539029	similar to family with sequence similarity 123B	1,0
12872552	618257	SORCS2	sortilin-related VPS10 domain containing receptor 2	1,0
12888962	100336882	LOC100336882	hypothetical protein LOC100336882	1,0
12802598	527838	LHFPL5	lipoma HMGIC fusion partner-like 5	1,0
12818872	281120	DNTT	deoxynucleotidyltransferase, terminal	1,0
12848627	100336421	LOC100336421	maltase-glucoamylase-like	1,0
12690850	536075	TXNDC16	thioredoxin domain containing 16	1,0
12856356	100296205	LOC100296205	similar to ribosomal protein L36	1,0
12803728	618886	LOC618886	similar to cDNA sequence BC004004	1,0
12815814	506760	CARHSP1	calcium regulated heat stable protein 1, 24kDa	1,0
12797739	100296399	LOC100296399	hypothetical protein LOC100296399	1,0
12890767	526609	SLC31A2	solute carrier family 31 (copper transporters), member 2	1,0
12790000	514167	ZFAND6	zinc finger, AN1-type domain 6	1,0
12696128	533617	PPP2R5E	protein phosphatase 2, regulatory subunit B', epsilon isoform	1,0
12815823	506908	CLIP2	CAP-GLY domain containing linker protein 2	1,0
12854378	519337	LMBR1	limb region 1 homolog (mouse)	1,0
12843942	509101	TMEM125	transmembrane protein 125	1,0
12803877	783002	LOC783002	similar to olfactory receptor 1359	1,0

12734266	100301430	LOC100301430	hypothetical protein LOC100301430	1,0
12800759	785580	CPNE9	copine family member IX	1,0
12793671	614957	PPCDC	phosphopantothienoylcysteine decarboxylase	1,0
12902576	100335664	LOC100335664	histone cluster 1, H2bo-like	1,0
12742101	327678	GLTP	glycolipid transfer protein	1,0
12749168	100336958	LOC100336958	leukocyte immunoglobulin-like receptor B2-like	1,0
12776414	513405	IMP4	IMP4, U3 small nucleolar ribonucleoprotein, homolog (yeast)	1,0
12823170	616110	ZNF511	zinc finger protein 511	1,0
12798341	504854	CRELD1	cysteine-rich with EGF-like domains 1	1,0
12907501	506053	FOXP3	forkhead box P3	1,0
12688226	327686	FNTB	farnesyltransferase, CAAX box, beta	1,0
12797063	616798	LOC616798	similar to plexin B1	1,0
12884748	510480	PACAP	Proapoptotic caspase adapter protein	1,0
12908725	522334	TCP11	t-complex 11 homolog (mouse)	1,0
12898958	616884	KIF25	similar to kinesin family member 25	1,0
12812327	511902	LOC511902	similar to Chromosome 7 open reading frame 43	1,0
12767180	281515	TBCD	tubulin folding cofactor D	1,0
12724971	512500	CYC1	cytochrome c-1	1,0
12906018	781580	LOC781580	similar to ribosomal protein S4, X-linked X	1,0
12750063	505489	TIMM50	translocase of inner mitochondrial membrane 50 homolog (S. cerevisiae)	1,0
12728243	519105	LOC519105	similar to hCG1991759	1,0
12810320	535214	ZNF236	zinc finger protein 236	1,0
12791195	616326	LOC616326	hypothetical LOC616326	1,0
12740114	531681	CCDC27	coiled-coil domain containing 27	1,0
12788736	100299951	LOC100299951	similar to hole protein	1,0
12855528	540239	EVX1	even-skipped homeobox 1	1,0
12731481	508448	PSMC3	proteasome (prosome, macropain) 26S subunit, ATPase, 3	1,0
12758873	539257	ALKBH6	alkB, alkylation repair homolog 6 (E. coli)	1,0
12773030	618142	SEBOX	SEBOX homeobox	1,0
12909267	533953	IRAK1	interleukin-1 receptor-associated kinase 1	1,0
12841823	786014	LOC786014	hypothetical LOC786014	1,0
12892502	100336231	LOC100336231	hypothetical protein LOC100336231	1,0
12690501	533285	RPLP1	ribosomal protein, large, P1	1,0
12830796	515469	FRMD8	FERM domain containing 8	1,0
12779531	618095	LOC618095	similar to Uncharacterized protein C2orf57	1,0
12796499	536435	SUMF1	sulfatase modifying factor 1	1,0
12878534	510442	LOC510442	similar to DOT1-like, histone H3 methyltransferase	1,0
12845724	528055	ANXA9	annexin A9	1,0
12808553	539867	SYT4	synaptotagmin IV	1,0
12834614	537256	LDHC	lactate dehydrogenase C	1,0
12704994	509524	C11H2orf39	chromosome 2 open reading frame 39 ortholog	1,0
12745488	282476	SLC25A1	solute carrier family 25 (mitochondrial carrier; citrate transporter), member 1	1,0
12768169	505336	EPN2	epsin 2	1,0
12818366	618042	VGF	VGF nerve growth factor inducible	1,0
12772540	541308	SGCA	sarcoglycan, alpha (50kDa dystrophin-associated glycoprotein)	1,0
12819803	518774	LOC518774	similar to mCG128871	1,0
12839552	530939	IGSF3	immunoglobulin superfamily, member 3	1,0
12705200	510689	NAIF1	nuclear apoptosis inducing factor 1	1,0
12713176	100138125	GCNT7	glucosaminyl (N-acetyl) transferase family member 7	1,0
12811227	100336687	LOC100336687	hypothetical protein LOC100336687	1,0
12788834	100313287	MIR2364	microRNA mir-2364	1,0
12812476	514056	ITGAD	integrin, alpha D	1,0
12884060	507245	ECSIT	ECSIT homolog (Drosophila)	1,0

12800078	539996	SEMA3B	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3B	1,0
12706185	521556	LOC521556	similar to hCG1648308	1,0
12818400	618440	RPL3L	ribosomal protein L3-like	1,0
12747864	540363	LOC540363	similar to transmembrane protein 132B	1,0
12853783	510277	ZNF800	zinc finger protein 800	1,0
12800472	615280	GPR62	G protein-coupled receptor 62	1,0
12845084	517961	LOC517961	similar to Protein FAM46C	1,0
12822546	528990	RRP12	ribosomal RNA processing 12 homolog (S. cerevisiae)	1,0
12725785	536811	JPH1	junctophilin 1	1,0
12770482	515465	ICT1	immature colon carcinoma transcript 1	1,0
12764798	538507	FZD2	frizzled homolog 2 (Drosophila)	1,0
12719795	522566	PLAGL2	pleiomorphic adenoma gene-like 2	1,0
12805132	508482	CPNE5	copine V	1,0
12750485	508569	LOC508569	similar to CG5913 CG5913-PA	1,0
12868029	540286	DAZAP2	DAZ associated protein 2	1,0
12712079	524159	LOC524159	similar to F11C1.5a	1,0
12904217	516066	GATA1	GATA binding protein 1 (globin transcription factor 1)	1,0
12790849	538044	LOC538044	similar to T08G11.3	1,0
12892603	280996	AMBP	alpha-1-microglobulin/bikunin precursor	1,0
12902581	100336369	LOC100336369	membrane-associated ring finger (C3HC4) 5-like	1,0
12722931	529919	LOC529919	similar to mCG2797	1,0
12765197	541101	TUBG1	tubulin, gamma 1	1,0
12725626	531435	DPY19L4	dpy-19-like 4 (C. elegans)	1,0
12790124	516866	LOC516866	similar to alpha-kinase 3	1,0
12886845	534722	PIAS4	protein inhibitor of activated STAT, 4	1,0
12759471	618057	IZUMO1	izumo sperm-egg fusion 1	1,0
12682506	616673	LOC616673	hypothetical LOC616673	1,0
12868753	618757	PHF21B	PHD finger protein 21B	1,0
12879434	520250	ANKRD32	ankyrin repeat domain 32	1,0
12837912	512062	YRDC	yrdC domain containing (E. coli)	1,0
12706090	519188	KCNK3	potassium channel, subfamily K, member 3	1,0
12909745	539190	WDR45	WD repeat domain 45	1,0
12721707	282703	CPSF1	cleavage and polyadenylation specific factor 1, 160kDa	1,0
12756857	510973	NUMBL	numb homolog (Drosophila)-like	1,0
12828097	514949	COMTD1	catechol-O-methyltransferase domain containing 1	1,0
12832097	781497	NPAS4	neuronal PAS domain protein 4	1,0
12695033	516757	SLC35F4	solute carrier family 35, member F4	1,0
12795525	514440	RAD18	RAD18 homolog (S. cerevisiae)	1,0
12896307	100296447	LOC100296447	similar to HIG1 domain family, member 1A	1,0
12879017	514172	NDST1	N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 1	1,0
12746273	511514	HIRA	HIR histone cell cycle regulation defective homolog A (S. cerevisiae)	1,0
12721089	618505	C20orf29	chromosome 20 open reading frame 29	1,0
12855357	537266	ZMIZ2	zinc finger, MIZ-type containing 2	1,0
12715755	525104	LOC525104	similar to long palate lung and nasal epithelium protein 5	1,0
12800337	613800	ATP2B4	ATPase, Ca++ transporting, plasma membrane 4	1,0
12694648	513496	LOC513496	hypothetical LOC513496	1,0
12726622	280895	PGR	progesterone receptor	1,0
12728328	520781	TRIM66	tripartite motif-containing 66	1,0
12870689	509118	FARSB	phenylalanyl-tRNA synthetase, beta subunit	1,0
12906670	100336599	LOC100336599	arylsulfatase D-like	1,0
12765596	617397	B3GNTL1	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase-like 1	1,0
12873540	504733	TEC	tec protein tyrosine kinase	1,0
12834558	536281	FAT3	FAT tumor suppressor homolog 3 (Drosophila)	1,0
12903114	399681	EMD	emerin	1,0

12688475	506888	DLST	dihydrolipoamide S-succinyltransferase (E2 component of 2-oxo-glutarate complex)	1,0
12728064	515614	HMBS	hydroxymethylbilane synthase	1,0
12812361	512271	LOC512271	similar to tweety homolog 3 (Drosophila) (predicted)	1,0
12703002	618445	LOC618445	similar to CG18335 CG18335-PA	1,0
12766585	100139164	LOC100139164	hypothetical protein LOC100139164	1,0
12830492	512846	UEVLD	UEV and lactate/malate dehydrogenase domains	1,0
12835625	100313484	MIR761	microRNA mir-761	1,0
12752956	533865	MED25	mediator complex subunit 25	1,0
12737711	784034	LOC784034	similar to Uncharacterized protein C1orf112 homolog	1,0
12851754	613724	DYNC1I1	dynein, cytoplasmic 1, intermediate chain 1	1,0
12727489	511036	ATG16L2	ATG16 autophagy related 16-like 2 (S. cerevisiae)	1,0
12861075	534109	ZC3H7B	zinc finger CCCH-type containing 7B	1,0
12796217	530599	LOC530599	similar to laminin, beta 2	1,0
12734207	100299118	LOC100299118	hypothetical protein LOC100299118	1,0
12802412	523389	LOC523389	similar to Olfactory receptor 11A1 (Olfactory receptor OR6-30) (Hs6M1-18)	1,0
12854808	528414	NOBOX	NOBOX oogenesis homeobox	1,0
12828381	530748	NODAL	nodal homolog (mouse)	1,0
12762977	512349	MGC154957	hypothetical LOC512349	1,0
12735691	516256	TNFRSF18	tumor necrosis factor receptor superfamily, member 18	1,0
12810896	100138582	LOC100138582	similar to Hemoglobin subunit zeta (Hemoglobin zeta chain) (Zeta-globin)	1,0
12737270	614539	PEX10	peroxisomal biogenesis factor 10	1,0
12803818	768038	B3GALT4	UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 4	1,0
12837997	512665	PRKAB2	protein kinase, AMP-activated, beta 2 non-catalytic subunit	1,0
12818542	777773	ARL6IP1	ADP-ribosylation factor-like 6 interacting protein 1	1,0
12710910	100138147	NEK5	NIMA (never in mitosis gene a)-related kinase 5	1,0
12879718	523042	FNIP1	folliculin interacting protein 1	1,0
12887784	615695	EIF3G	eukaryotic translation initiation factor 3, subunit G	1,0
12692613	787358	LOC787358	similar to transmembrane protein 202	1,0
12687823	100336460	LOC100336460	hCG2039694-like	1,0
12764716	537706	THOC4	THO complex 4	1,0
12849601	506911	RAB19	RAB19, member RAS oncogene family	1,0
12806792	617192	TMEM217	transmembrane protein 217	1,0
12699338	507586	CGREF1	cell growth regulator with EF-hand domain 1	1,0
12791715	282078	SEC11A	SEC11 homolog A (S. cerevisiae)	1,0
12725147	512910	LOC512910	similar to Uncharacterized protein KIAA0146	1,0
12808532	539119	ZNF397OS	zinc finger protein 397 opposite strand	1,0
12755239	100294863	LOC100294863	similar to HIG1 domain family, member 1A	1,0
12824167	524144	KCNU1	potassium channel, subfamily U, member 1	1,0
12884592	509463	ATCAY	ataxia, cerebellar, Cayman type	1,0
12895507	617708	SLC18A1	solute carrier family 18 (vesicular monoamine), member 1	1,0
12784684	785883	LOC785883	similar to ATP synthase subunit e, mitochondrial	1,0
12885690	520487	LOC520487	similar to histone cluster 1, H2bd	1,0
12722267	511981	RABL4	RAB, member of RAS oncogene family-like 4	1,0
12730062	617845	UBQLN3	ubiquilin 3	1,0
12833901	516940	LOC516940	similar to olfactory receptor MOR167-2	1,0
12791125	614641	NUBPL	nucleotide binding protein-like	1,0
12883473	338084	NDUFA13	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 13	1,0
12910538	784097	LOC784097	similar to NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial precursor (NADH-ubiquinone oxidoreductase 24 kDa subunit) (NADH dehydrogenase subunit II)	1,0
12728227	518487	MMP27	matrix metalloproteinase 27	1,0

12812873	517505	C25H7ORF26	chromosome 7 open reading frame 26 ortholog	1,0
12823214	617631	LOC617631	similar to Uncharacterized protein C10orf88	1,0
12824026	515343	NEIL3	nei endonuclease VIII-like 3 (E. coli)	1,0
12833417	510128	CORO1B	coronin, actin binding protein, 1B	1,0
12904350	519605	KLHL34	kelch-like 34 (Drosophila)	1,0
12850260	515372	TMEM139	transmembrane protein 139	1,0
12832705	326581	EEF1G	eukaryotic translation elongation factor 1 gamma	1,0
12726127	618292	EXOSC4	exosome component 4	1,0
12747503	535156	LOC535156	similar to signal peptide peptidase 3	1,0
12797415	782270	LOC782270	similar to ATP synthase subunit epsilon, mitochondrial	1,0
12776728	516378	LOC516378	intestinal alkaline phosphatase VII	1,0
12754311	767925	RPL13A	ribosomal protein L13a	1,0
12773484	786299	LOC786299	similar to UL16 binding protein 3	1,0
12751607	514582	CD22	CD22 molecule	1,0
12838832	519929	RIMS3	regulating synaptic membrane exocytosis 3	1,0
12906248	787803	LOC787803	similar to ribosomal protein S23	1,0
12753071	535321	PPP2R1A	protein phosphatase 2 (formerly 2A), regulatory subunit A, alpha isoform	1,0
12830960	518926	SLC22A11	solute carrier family 22 (organic anion/urate transporter), member 11	1,0
12702441	613599	LOXL3	lysyl oxidase-like 3	1,0
12829380	281091	COX8A	cytochrome c oxidase subunit 8A (ubiquitous)	1,0
12797336	781625	PLXND1	plexin D1	1,0
12779919	100295298	LOC100295298	hypothetical protein LOC100295298	1,0
12708784	100299180	LOC100299180	similar to CG14709	1,0
12729895	614494	MOGAT2	monoacylglycerol O-acyltransferase 2	1,0
12687183	783564	LOC783564	similar to keratin associated protein	1,0
12728428	522802	ACCSL	1-aminocyclopropane-1-carboxylate synthase homolog (Arabidopsis)(non-functional)-like	1,0
12887990	617720	NUDT12	nudix (nucleoside diphosphate linked moiety X)-type motif 12	1,0
12722557	517625	JRK	jerky homolog (mouse)	1,0
12868324	614655	LOC614655	similar to DNA segment, Chr 15, Wayne State University 75, expressed	1,0
12759447	617757	TSKS	testis-specific serine kinase substrate	1,0
12765503	616575	C19H17orf78	chromosome 17 open reading frame 78 ortholog	1,0
12737028	539364	BTG2	BTG family, member 2	1,0
12752308	523958	ZC3H18	zinc finger CCCH-type containing 18	1,0
12748917	100297073	LOC100297073	hypothetical protein LOC100297073	1,0
12755508	100336616	LOC100336616	glycoprotein VI (platelet)-like	1,0
12891953	617678	PALLD	palladin, cytoskeletal associated protein	1,0
12805054	506727	NFKBIE	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, epsilon	1,0
12763175	513998	FBF1	Fas (TNFRSF6) binding factor 1	1,0
12682855	790875	GSK3B	glycogen synthase kinase 3 beta	1,0
12821125	786356	NANOS1	nanos homolog 1 (Drosophila)	1,0
12707456	539333	EMX1	empty spiracles homeobox 1	1,0
12832249	100125225	SLC17A6	solute carrier family 17 (sodium-dependent inorganic phosphate cotransporter), member 6	1,0
12889806	508049	POLR3D	polymerase (RNA) III (DNA directed) polypeptide D, 44kDa	1,0
12888686	100138124	RPS27A	ribosomal protein S27a	1,0
12895337	615707	TTC15	tetratricopeptide repeat domain 15	1,0
12748108	615587	LOC615587	hypothetical LOC615587	1,0
12747298	532622	SETD8	SET domain containing (lysine methyltransferase) 8	1,0
12684439	512320	NUDT16	nudix (nucleoside diphosphate linked moiety X)-type motif 16	1,0
12902562	100313353	MIR502A-1	microRNA mir-502a-1	1,0
12901779	100300205	LOC100300205	similar to RecQ4	1,0

12701920	537773	GFI1B	growth factor independent 1B transcription repressor	1,0
12863114	785804	MGC152344	hypothetical protein LOC785804	1,0
12724659	508702	MFSD3	major facilitator superfamily domain containing 3	1,0
12910778	788191	LOC788191	similar to nucleosome assembly protein 1-like 3	1,0
12805472	512725	SLC17A4	solute carrier family 17 (sodium phosphate), member 4	1,0
12791492	100295902	LOC100295902	hypothetical protein LOC100295902	1,0
12680112	513193	PLSCR1	phospholipid scramblase 1	1,0
12894944	539009	LOC539009	similar to Ras-related GTP binding A	1,0
12897578	525371	BEND3	BEN domain containing 3	1,0
12823962	513810	IDO2	indoleamine 2,3-dioxygenase 2	1,0
12682216	541054	BTG3	BTG family, member 3	1,0
12759067	613993	KLK14	kallikrein-related peptidase 14	1,0
12809219	282578	ATP5A1	ATP synthase, H ⁺ transporting, mitochondrial F1 complex, alpha subunit 1, cardiac muscle	1,0
12896915	506626	RTN4IP1	reticulon 4 interacting protein 1	1,0
12719385	514926	CDC123	cell division cycle 123 homolog (<i>S. cerevisiae</i>)	1,0
12769265	509801	LOC509801	similar to CD79B antigen	1,0
12779214	614739	RPRM	reprimin, TP53 dependent G2 arrest mediator candidate	1,0
12760409	100296593	LOC100296593	hypothetical protein LOC100296593	1,0
12814178	617785	PILRA	paired immunoglobulin-like type 2 receptor alpha	1,0
12738976	507393	PEX14	peroxisomal biogenesis factor 14	1,0
12739448	514047	CTRC	chymotrypsin C (caldecrin)	1,0
12729858	614237	LOC614237	similar to apolipoprotein C-III	1,0
12800558	618086	RTP3	receptor (chemosensory) transporter protein 3	1,0
12835869	281350	NGF	nerve growth factor (beta polypeptide)	1,0
12852155	767855	TBRG4	transforming growth factor beta regulator 4	1,0
12873270	282238	GABRA4	gamma-aminobutyric acid (GABA) A receptor, alpha 4	1,0
12705580	513723	RALGDS	ral guanine nucleotide dissociation stimulator	1,0
12687903	281154	FBN1	fibrillin 1	1,0
12823725	509139	ANKRD37	ankyrin repeat domain 37	1,0
12719526	516579	LOC516579	similar to ATPase, Class II, type 9A	1,0
12766812	100313152	MIR2339	microRNA mir-2339	1,0
12895626	777693	CDC26	cell division cycle 26 homolog (<i>S. cerevisiae</i>)	1,0
12754976	791028	MIR138-2	microRNA mir-138-2	1,0
12792883	527449	MAN2A2	mannosidase, alpha, class 2A, member 2	1,0
12717764	100170928	MIR103-2	microRNA mir-103-2	1,0
12698384	280758	DBH	dopamine beta-hydroxylase (dopamine beta-monooxygenase)	1,0
12814047	616714	NSUN5	NOP2/Sun domain family, member 5	1,0
12839386	528593	CD5L	CD5 molecule-like	1,0
12759058	613703	ZNF787	zinc finger protein 787	1,0
12806841	617577	C6orf25	chromosome 6 open reading frame 25	1,0
12831498	536820	SYT12	synaptotagmin XII	1,0
12894586	533321	FRMD3	FERM domain containing 3	1,0
12835389	100138523	LOC100138523	similar to family with sequence similarity 132, member A	1,0
12906109	784476	LOC784476	similar to Protein DDX26B	1,0
12884010	506421	NOP16	NOP16 nucleolar protein homolog (yeast)	1,0
12771509	532454	LOC532454	similar to olfactory receptor 410	1,0
12909313	534796	LOC534796	similar to RIKEN cDNA 1810009O10 gene	1,0
12835668	100336669	LOC100336669	guanylate binding protein 4-like	1,0
12741140	615660	FAM36A	hypothetical protein LOC615660	1,0
12856449	100301161	LOC100301161	similar to keratin 6A	1,0
12719345	514485	SLC35C2	solute carrier family 35, member C2	1,0
12706414	527024	SRD5A2	steroid-5-alpha-reductase, alpha polypeptide 2 (3-oxo-5-alpha-steroid delta 4-dehydrogenase alpha 2)	1,0
12831689	540407	CSRP3	cysteine and glycine-rich protein 3 (cardiac LIM protein)	1,0
12800567	767607	DHX30	DEAH (Asp-Glu-Ala-His) box polypeptide 30	1,0

12836876	505942	COL9A2	collagen, type IX, alpha 2	1,0
12745270	100337485	LOC100337485	T-box 1-like	1,0
12877364	338079	NDUFS7	NADH dehydrogenase (ubiquinone) Fe-S protein 7, 20kDa (NADH-coenzyme Q reductase)	1,0
12818126	540893	HS3ST6	similar to heparan sulfate (glucosamine) 3-O-sulfotransferase 6	1,0
12769217	509684	SLC25A39	solute carrier family 25, member 39	1,0
12755320	100298523	LOC100298523	similar to androgen-binding protein eta	1,0
12813045	521730	EEF2K	eukaryotic elongation factor-2 kinase	1,0
12902868	281642	AVPR2	arginine vasopressin receptor 2	1,0
12698691	286839	RPS27A	ribosomal protein S27a	1,0
12755029	100125238	ERCC2	excision repair cross-complementing rodent repair deficiency, complementation group 2	1,0
12784461	618114	DFNB59	deafness, autosomal recessive 59	1,0
12902824	281153	FATE1	fetal and adult testis expressed 1	1,0
12850030	511917	FSCN3	fascin homolog 3, actin-bundling protein, testicular (Strongylocentrotus purpuratus)	1,0
12771345	529059	MEOX1	mesenchyme homeobox 1	1,0
12730377	785951	LOC785951	similar to ribosomal protein L30	1,0
12696647	539433	DCAF11	DDB1 and CUL4 associated factor 11	1,0
12816972	518088	GRID2IP	glutamate receptor, ionotropic, delta 2 (Grid2) interacting protein	1,0
12806618	613856	LY86	lymphocyte antigen 86	1,0
12780180	281406	PKP4	plakophilin 4	1,0
12808257	535457	TXNL4A	thioredoxin-like 4A	1,0
12725276	515055	HEATR7A	HEAT repeat containing 7A	1,0
12796080	525741	CAMKV	CaM kinase-like vesicle-associated	1,0
12902120	281013	ASMT	acetylserotonin O-methyltransferase	1,0
12789817	511560	IMP3	IMP3, U3 small nucleolar ribonucleoprotein, homolog (yeast)	1,0
12698971	504509	ZAP70	zeta-chain (TCR) associated protein kinase 70kDa	1,0
12891685	541288	CHMP7	CHMP family, member 7	1,0
12735371	509263	LOC509263	hypothetical protein LOC509263	1,0
12826008	505066	TBCE	tubulin folding cofactor E	1,0
12745320	281285	LRAT	lecithin retinol acyltransferase (phosphatidylcholine--retinol O-acyltransferase)	1,0
12732536	527628	LIPT2	lipoyl(octanoyl) transferase 2 (putative)	1,0
12879700	522905	AKAP8	A kinase (PRKA) anchor protein 8	1,0
12802269	518025	MYLK4	myosin light chain kinase family, member 4	1,0
12891910	616734	FOXE1	forkhead box E1 (thyroid transcription factor 2)	1,0
12692609	787307	LOC787307	similar to potassium channel, subfamily K, member 13	1,0
12874693	530076	GC	group-specific component (vitamin D binding protein)	1,0
12780245	281723	CRYGD	crystallin, gamma D	1,0
12865324	510583	PAH	phenylalanine hydroxylase	1,0
12729810	613648	OMP	olfactory marker protein	1,0
12714194	505963	KCNQ2	potassium voltage-gated channel, KQT-like subfamily, member 2	1,0
12886180	528991	XAB2	XPA binding protein 2	1,0
12876259	100139771	LOC100139771	similar to MGC81990 protein	1,0
12909723	538724	GSPT2	G1 to S phase transition 2	1,0
12831626	539645	KCTD21	potassium channel tetramerisation domain containing 21	1,0
12680053	512703	CLDN17	claudin 17	1,0
12859713	516011	MEI1	meiosis inhibitor 1	1,0
12876788	281023	AP3D1	adaptor-related protein complex 3, delta 1 subunit	1,0
12854788	527301	ZNF467	similar to zinc finger protein 467	1,0
12745355	282044	RPH3A	rabphilin 3A homolog (mouse)	1,0
12800965	100300124	SCUBE3	signal peptide, CUB domain, EGF-like 3	1,0
12812699	515660	NUBP2	nucleotide binding protein 2 (MinD homolog, E. coli)	1,0

12822873	537067	CALHM2	calcium homeostasis modulator 2	1,0
12698732	327707	ENDOG	endonuclease G	1,0
12895180	540944	TRAF1	TNF receptor-associated factor 1	1,0
12683138	100337250	LOC100337250	hypothetical protein LOC100337250	1,0
12759754	782851	MT4	metallothionein 4	1,0
12802395	522315	LOC522315	similar to olfactory receptor MOR256-8	1,0
12838821	519266	IGSF8	immunoglobulin superfamily, member 8	1,0
12809563	511446	CXXC1	CXXC finger 1 (PHD domain)	1,0
12708517	783429	LOC783429	similar to KIAA2038 protein	1,0
12701102	528468	SFXN5	sideroflexin 5	1,0
12772897	616486	LOC616486	similar to Uncharacterized protein C17orf47	1,0
12829236	100313474	MIR584-7	microRNA mir-584-7	1,0
12854443	519486	NPSR1	neuropeptide S receptor 1	1,0
12726179	781253	LOC781253	hypothetical LOC781253	1,0
12812789	515971	ORAI3	ORAI calcium release-activated calcium modulator 3	1,0
12692655	788100	LOC788100	similar to Olfactory receptor 4K13 (Olfactory receptor OR14-27)	1,0
12834175	523556	CATSPER1	cation channel, sperm associated 1	1,0
12724812	510942	CHRA1	chromatin accessibility complex 1	1,0
12791164	615145	MESP2	mesoderm posterior 2 homolog (mouse)	1,0
12776490	514561	UBR4	ubiquitin protein ligase E3 component n-recogin 4	1,0
12721357	788470	LOC788470	similar to Uncharacterized protein C1orf175 homolog	1,0
12794044	788930	LOC788930	similar to G protein-coupled receptor 33	1,0
12906545	100300546	LOC100300546	similar to olfactory receptor, family 11, subfamily A, member 1	1,0
12799767	533605	IL17RB	interleukin 17 receptor B	1,0
12819045	404104	DMBT1	deleted in malignant brain tumors 1	1,0
12751205	512403	LRRC36	leucine rich repeat containing 36	1,0
12884515	509327	TAF7	TAF7 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 55kDa	1,0
12784593	783376	LOC783376	similar to ribosomal protein L7	1,0
12876611	100336938	LOC100336938	azurocidin 1 preproprotein-like	1,0
12888604	790986	MIR27A	microRNA mir-27a	1,0
12863979	281448	RDH5	retinol dehydrogenase 5 (11-cis/9-cis)	1,0
12724962	512498	MAF1	MAF1 homolog (S. cerevisiae)	1,0
12802848	534225	UHRF1BP1	UHRF1 binding protein 1	1,0
12759608	618485	CCDC106	coiled-coil domain containing 106	1,0
12843262	505154	LOR	loricrin	1,0
12753490	540342	ZNF45	zinc finger protein 45	1,0
12715916	527740	CBFA2T2	core-binding factor, runt domain, alpha subunit 2; translocated to, 2	1,0
12814073	617277	TCEB2	transcription elongation factor B (SIII), polypeptide 2 (18kDa, elongin B)	1,0
12812568	514803	CTF1	cardiotrophin 1	1,0
12825878	281685	CHRM3	cholinergic receptor, muscarinic 3	1,0
12839858	533021	UBQLN4	ubiquilin 4	1,0
12794927	507939	RPN1	ribophorin I	1,0
12828780	540384	GDF2	growth differentiation factor 2	1,0
12847204	613426	TMEM167B	transmembrane protein 167B	1,0
12744515	615999	DDT	D-dopachrome tautomerase	1,0
12791985	507297	HEATR5A	HEAT repeat containing 5A	1,0
12864062	281885	KITLG	KIT ligand	1,0
12889561	506986	SEC61B	Sec61 beta subunit	1,0
12708857	100336999	LOC100336999	ATP-binding cassette protein C4-like	1,0
12878680	511283	ARID3A	AT rich interactive domain 3A (BRIGHT-like)	1,0
12892445	100297528	LOC100297528	hypothetical protein LOC100297528	1,0
12849342	353352	SPAM1	sperm adhesion molecule 1 (PH-20 hyaluronidase, zona pellucida binding)	1,0
12715812	526041	LOC526041	ankyrin repeat domain protein	1,0

12871895	537837	CPZ	carboxypeptidase Z	1,0
12779286	615765	LOC615765	similar to KIAA1486 protein	1,0
12805484	513014	ZNF391	zinc finger protein 391	1,0
12800371	613945	TMEM42	transmembrane protein 42	1,0
12702295	540526	MSH6	mutS homolog 6 (E. coli)	1,0
12728148	516493	POU2F3	POU class 2 homeobox 3	1,0
12774070	100336528	LOC100336528	low density lipoprotein receptor related protein-deleted in tumor-like	1,0
12755826	282328	PSMB10	proteasome (prosome, macropain) subunit, beta type, 10	1,0
12781244	511060	EXTL1	exostoses (multiple)-like 1	1,0
12829618	360196	BANF1	barrier to autointegration factor 1	1,0
12872484	616320	NHEDC2	Na ⁺ /H ⁺ exchanger domain containing 2	1,0
12866437	520305	LOC520305	similar to Olfactory receptor 10P1 (Olfactory receptor OR12-7)	1,0
12907408	504534	SLC10A3	solute carrier family 10 (sodium/bile acid cotransporter family), member 3	1,0
12682767	783691	ARGFX	similar to Arginine-fifty homeobox	1,0
12798282	504415	CHL1	cell adhesion molecule with homology to L1CAM (close homolog of L1)	1,0
12884699	510244	CDKN2D	cyclin-dependent kinase inhibitor 2D (p19, inhibits CDK4)	1,0
12801926	513769	NCR3	natural cytotoxicity triggering receptor 3	1,0
12819668	514383	ZFYVE27	zinc finger, FYVE domain containing 27	1,0
12882836	100313102	MIR220A	microRNA mir-220a	1,0
12765074	540152	CDC42EP4	CDC42 effector protein (Rho GTPase binding) 4	1,0
12810950	100140410	LOC100140410	hypothetical protein LOC100140410	1,0
12759165	614804	LGALS4	lectin, galactoside-binding, soluble, 4	1,0
12753754	615171	CDK10	cyclin-dependent kinase 10	1,0
12831722	540984	OTUB1	OTU domain, ubiquitin aldehyde binding 1	1,0
12681165	528816	KRTAP26-1	keratin associated protein 26-1	1,0
12748996	100300607	LOC100300607	similar to zinc finger protein 649	1,0
12795957	522045	SMARCC1	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 1	1,0
12694646	513435	LOC513435	similar to olfactory receptor Olr1643	1,0
12842152	100138072	LOC100138072	similar to hCG2012694	1,0
12727567	511887	DGKZ	diacylglycerol kinase, zeta 104kDa	1,0
12875447	539791	TLR10	Toll-like receptor 10	1,0
12818496	618914	MAFK	v-maf musculoaponeurotic fibrosarcoma oncogene homolog K (avian)	1,0
12768959	508598	TMEM11	transmembrane protein 11	1,0
12723053	533414	RAD54B	RAD54 homolog B (S. cerevisiae)	1,0
12741225	616333	TPRG1L	tumor protein p63 regulated 1-like	1,0
12860403	525364	CSDC2	cold shock domain containing C2, RNA binding	1,0
12818581	785480	LOC785480	similar to chromosome 20 open reading frame 30	1,0
12824642	100048949	ADAM3A	ADAM metallopeptidase domain 3A (cyritestin 1)	1,0
12836211	327953	HDGF	hepatoma-derived growth factor (high-mobility group protein 1-like)	1,0
12824387	535434	LOC535434	similar to Storkhead-box protein 2	1,0
12899530	327688	COX7A2	cytochrome c oxidase subunit VIIa polypeptide 2 (liver)	1,0
12772105	538660	EPN3	epsin 3	1,0
12726578	100337109	LOC100337109	rab-related GTP-binding protein-like	1,0
12781114	510253	PDIK1L	PDLIM1 interacting kinase 1 like	1,0
12731072	407226	MOGAT2	monoacylglycerol O-acyltransferase 2	1,0
12730475	100138150	PPP2R1B	protein phosphatase 2 (formerly 2A), regulatory subunit A, beta isoform	1,0
12754695	787057	LOC787057	similar to zinc finger protein 415	1,0
12879741	523045	PSD2	pleckstrin and Sec7 domain containing 2	1,0

12868601	617508	TSPAN8	tetraspanin 8	1,0
12894274	526233	EGR3	early growth response 3	1,0
12829158	100295716	LOC100295716	similar to transmembrane protein 216	1,0
12750631	509622	NR1H2	nuclear receptor subfamily 1, group H, member 2	1,0
12881628	614551	UBL5	ubiquitin-like 5	1,0
12692499	785647	LOC785647	similar to Olfactory receptor 4F4 (Olfactory receptor OR19-3) (HS14a-1-A)	1,0
12801918	513669	PTCRA	pre T-cell antigen receptor alpha	1,0
12717203	618480	GFRA4	GDNF family receptor alpha 4	1,0
12703229	785211	LOC785211	similar to WD repeat-containing protein C2orf44 homolog	1,0
12850935	531419	CASP2	caspase 2, apoptosis-related cysteine peptidase	1,0
12869236	784685	SLC48A1	solute carrier family 48 (heme transporter), member 1	1,0
12885369	514413	LOC514413	similar to Membralin	1,0
12765470	616506	CBX1	chromobox homolog 1 (HP1 beta homolog Drosophila)	1,0
12765844	781568	TRAF4	TNF receptor-associated factor 4	1,0
12845769	528549	LOC528549	similar to DnaJ (Hsp40) homolog, subfamily B, member 3	1,0
12835988	281997	PRDX1	peroxiredoxin 1	1,0
12791266	618880	VRK1	vaccinia related kinase 1	1,0
12779165	614531	LOC614531	similar to Ras-related GTP binding A	1,0
12833995	519202	LOC519202	similar to organic anion transporter 1	1,0
12748128	616095	ZMAT5	zinc finger, matrin type 5	1,0
12801346	505358	BRD2	bromodomain containing 2	1,0
12800018	538960	CCDC13	coiled-coil domain containing 13	1,0
12747873	540457	RAN	RAN, member RAS oncogene family	1,0
12699199	506268	LOC506268	similar to Uncharacterized protein C2orf29	1,0
12882617	100125945	ELOF1	elongation factor 1 homolog (S. cerevisiae)	1,0
12814737	790146	INTS1	similar to DKFZP586J0619 protein	1,0
12831680	540345	DRAP1	DR1-associated protein 1 (negative cofactor 2 alpha)	1,0
12741058	614787	FAM129A	family with sequence similarity 129, member A	1,0
12861575	538649	FAM60A	family with sequence similarity 60, member A	1,0
12887747	615199	UBA52	ubiquitin A-52 residue ribosomal protein fusion product 1	1,0
12752033	519422	TRIM28	tripartite motif-containing 28	1,0
12816081	508402	ARPC1A	actin related protein 2/3 complex, subunit 1A, 41kDa	1,0
12767886	497012	UBTF	upstream binding transcription factor, RNA polymerase I	1,0
12862598	618483	LOC618483	hypothetical LOC618483	1,0
12688422	506130	KIAA1737	KIAA1737	1,0
12729939	615203	LRRC55	leucine rich repeat containing 55	1,0
12895581	767962	MGC134066	transmembrane protein ENSP00000340100 homolog	1,0
12853311	408010	GARS	glycyl-tRNA synthetase	1,0
12835530	100297153	LOC100297153	similar to FERM, RhoGEF and pleckstrin domain protein 2	1,0
12776910	521237	STK16	serine/threonine kinase 16	1,0
12710528	613832	LOC613832	similar to rCG52146	1,0
12707048	534661	PAX8	paired box 8	1,0
12850372	517284	LOC517284	similar to piccolo	1,0
12733080	539051	TUB	tubby homolog (mouse)	1,0
12792386	512649	SERINC4	serine incorporator 4	1,0
12688847	510440	IVD	isovaleryl Coenzyme A dehydrogenase	1,0
12881038	538673	SLC1A6	solute carrier family 1 (high affinity aspartate/glutamate transporter), member 6	1,0
12776614	514771	GPATCH3	G patch domain containing 3	1,0
12901709	100300155	LOC100300155	similar to Enoyl-CoA Hydratase family member	1,0
12892023	780784	TMOD1	tropomodulin 1	1,0
12787509	516084	MRPS30	mitochondrial ribosomal protein S30	1,0
12741700	100296211	LOC100296211	hypothetical protein LOC100296211	1,0

12868457	615734	SLC5A8	solute carrier family 5 (iodide transporter), member 8	1,0
12886657	533809	DDX49	DEAD (Asp-Glu-Ala-Asp) box polypeptide 49	1,0
12716247	534150	OPTN	optineurin	1,0
12789163	338051	PAPOLA	poly(A) polymerase alpha	1,0
12814091	617444	MGC140681	hypothetical protein LOC617444	1,0
12727311	508443	ABCG4	ATP-binding cassette, sub-family G (WHITE), member 4	1,0
12789186	386664	NDN	necdin homolog (mouse)	1,0
12808166	532568	ELAC1	elaC homolog 1 (E. coli)	1,0
12793464	538280	SERPINA11	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 11	1,0
12814830	100139027	LOC100139027	similar to Uncharacterized FAM18-like protein CG5021	1,0
12897868	532940	CCDC28A	coiled-coil domain containing 28A	1,0
12760902	282015	PSMC5	proteasome (prosome, macropain) 26S subunit, ATPase, 5	1,0
12813483	532864	MGC134577	exonuclease NEF-sp	1,0
12793733	616277	RAGE	renal tumor antigen	1,0
12899045	783058	MGC148328	hypothetical protein LOC783058	1,0
12799796	533826	CAND2	cullin-associated and neddylation-dissociated 2 (putative)	1,0
12857349	326598	LGALS1	lectin, galactoside-binding, soluble, 1	1,0
12736368	527572	GPR37L1	G protein-coupled receptor 37 like 1	1,0
12730077	618664	ART5	ADP-ribosyltransferase 5	1,0
12734023	789293	LOC789293	similar to olfactory receptor, family 5, subfamily W, member 2	1,0
12731581	509175	LOC509175	similar to Olfr571 protein	1,0
12868798	618908	TUBGCP6	tubulin, gamma complex associated protein 6	1,0
12779939	100295780	LOC100295780	similar to homeobox D1	1,0
12872438	615729	SPATA18	spermatogenesis associated 18 homolog (rat)	1,0
12807945	516024	VAPA	VAMP (vesicle-associated membrane protein)-associated protein A, 33kDa	1,0
12708063	615964	NFU1	NFU1 iron-sulfur cluster scaffold homolog (S. cerevisiae)	1,0
12722313	512879	LRRC24	leucine rich repeat containing 24	1,0
12834745	540850	SYT7	synaptotagmin VII	1,0
12822893	537536	SORCS1	sortilin-related VPS10 domain containing receptor 1	1,0
12746112	508609	PXMP2	peroxisomal membrane protein 2, 22kDa	1,0
12816308	511049	GSG1L	GSG1-like	1,0
12691099	538758	C10H15orf41	chromosome 15 open reading frame 41 ortholog	1,0
12895640	780866	AQP3	aquaporin 3 (Gill blood group)	1,0
12910237	615884	LOC615884	similar to Mov10l1, Moloney leukemia virus 10-like 1, homolog (mouse)	1,0
12863784	100336770	LOC100336770	TGF-beta induced apoptosis protein 12-like	1,0
12855735	614589	ZC3HAV1	zinc finger CCCH-type, antiviral 1	1,0
12760418	100296722	LOC100296722	similar to upregulated during skeletal muscle growth 5	1,0
12692787	100125232	OTP	orthopedia homeobox	1,0
12884381	508548	NEUROG1	neurogenin 1	1,0
12910562	785008	RPS26	ribosomal protein S26	1,0
12755200	100140560	LOC100140560	similar to F-box protein 46	1,0
12874139	513324	LETM1	leucine zipper-EF-hand containing transmembrane protein 1	1,0
12764426	534099	DPH1	DPH1 homolog (S. cerevisiae)	1,0
12867793	539160	CAPZA3	capping protein (actin filament) muscle Z-line, alpha 3	1,0
12689200	513742	DAAM1	dishevelled associated activator of morphogenesis 1	1,0
12726044	615785	SDC2	syndecan 2	1,0
12877423	414274	SMARCA4	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 4	1,0
12713086	782125	SIAH3	seven in absentia homolog 3 (Drosophila)	1,0
12788551	784354	LOC784354	similar to 60S ribosomal protein L12	1,0

12717189	618468	SPAG4	sperm associated antigen 4	1,0
12726376	100140999	LOC100140999	similar to zinc finger protein 214	1,0
12756905	511832	TMEM231	transmembrane protein 231	1,0
12887465	540902	TRPC7	transient receptor potential cation channel, subfamily C, member 7	1,0
12776790	518393	LOC518393	similar to aldehyde oxidase 2	1,0
12848806	100337494	LOC100337494	hCG1990708-like	1,0
12754372	768061	KLHL36	kelch-like 36 (Drosophila)	1,0
12688875	510757	TTC5	tetratricopeptide repeat domain 5	1,0
12817982	538853	ZSCAN10	zinc finger and SCAN domain containing 10	1,0
12689280	514244	LOC514244	similar to rCG20598	1,0
12861740	539418	CRABP1	cellular retinoic acid binding protein 1	1,0
12831900	616974	SPA17	sperm autoantigenic protein 17	1,0
12857795	504833	AGAP2	ArfGAP with GTPase domain, ankyrin repeat and PH domain 2	1,0
12743889	536132	NOS1	nitric oxide synthase 1 (neuronal)	1,0
12858656	509107	ATF4	activating transcription factor 4 (tax-responsive enhancer element B67)	1,0
12866740	525770	CBX7	chromobox homolog 7	1,0
12804790	504335	TAPBP	TAP binding protein (tapasin)	1,0
12837861	511748	YIPF1	Yip1 domain family, member 1	1,0
12852151	664645	TAS2R3	taste receptor, type 2, member 3	1,0
12759124	614491	NAE1	NEDD8 activating enzyme E1 subunit 1	1,0
12796937	615277	LOC615277	similar to thioesterase superfamily member 5	1,0
12750333	507541	AMFR	autocrine motility factor receptor	1,0
12785597	514072	C20H5orf34	chromosome 5 open reading frame 34 ortholog	1,0
12829584	338046	NDUFC2	NADH dehydrogenase (ubiquinone) 1, subcomplex unknown, 2, 14.5kDa	1,0
12733419	614452	LOC614452	similar to olfactory receptor 1112	1,0
12688352	503584	ONECUT1	one cut homeobox 1	1,0
12727451	510504	GYLTL1B	glycosyltransferase-like 1B	1,0
12730818	281773	FXYP2	FXYP domain containing ion transport regulator 2	1,0
12804225	100295932	LOC100295932	hypothetical protein LOC100295932	1,0
12810871	100138099	ZNF263	zinc finger protein 263	1,0
12800417	614713	SLC25A26	solute carrier family 25, member 26	1,0
12864481	504567	LOC504567	similar to olfactory receptor MOR160-5	1,0
12731592	509370	LOC509370	similar to olfactory receptor, family 1, subfamily S, member 1	1,0
12772172	539038	SEZ6	seizure related 6 homolog (mouse)	1,0
12909150	532172	OTUD6A	OTU domain containing 6A	1,0
12729672	540607	RNF121	ring finger protein 121	1,0
12716471	535632	TGIF2	TGFB-induced factor homeobox 2	1,0
12737354	616065	LOC616065	similar to 60S ribosomal protein L22 (Heparin binding protein HBp15)	1,0
12896301	100295884	LOC100295884	hypothetical protein LOC100295884	1,0
12812117	509273	FAHD1	fumarylacetoacetate hydrolase domain containing 1	1,0
12689178	513571	SPESP1	sperm equatorial segment protein 1	1,0
12732386	522889	TREH	trehalase (brush-border membrane glycoprotein)	1,0
12861814	539771	SMUG1	single-strand-selective monofunctional uracil-DNA glycosylase 1	1,0
12689890	523485	MYO1E	myosin IE	1,0
12818169	614033	CHCHD9	coiled-coil-helix-coiled-coil-helix domain containing 9	1,0
12849780	509513	LOC509513	hypothetical LOC509513	1,0
12711030	100313390	MIR759	microRNA mir-759	1,0
12717104	617710	BCAS4	breast carcinoma amplified sequence 4	1,0
12681814	538672	THPO	thrombopoietin	1,0
12853541	506862	ATG9B	ATG9 autophagy related 9 homolog B (S. cerevisiae)	1,0
12742348	508388	WSB2	WD repeat and SOCS box-containing 2	1,0
12702072	539447	C11H9ORF9	chromosome 9 open reading frame 9 ortholog	1,0

12862244	613651	SPSB2	splA/ryanodine receptor domain and SOCS box containing 2	1,0
12700774	523720	NTNG2	netrin G2	1,0
12789204	444878	COX5A	COX5A protein	1,0
12872315	613882	LOC613882	similar to Nucleosome assembly protein 1-like 1 (NAP-1-related protein) (hNRP)	1,0
12838054	513051	MUTYH	mutY homolog (E. coli)	1,0
12771117	524075	PDK2	pyruvate dehydrogenase kinase, isozyme 2	1,0
12772924	616773	LOC616773	hypothetical LOC616773	1,0
12861279	536137	ADAMTS20	ADAM metalloproteinase with thrombospondin type 1 motif, 20	1,0
12729768	613282	LOC613282	similar to beta-galactosidase-like protein	1,0
12730646	100337011	LOC100337011	hypothetical protein LOC100337011	1,0
12791021	541086	MAN2C1	mannosidase, alpha, class 2C, member 1	1,0
12703139	782845	LOC782845	similar to ribosomal protein L23a	1,0
12678681	281777	GAP43	growth associated protein 43	1,0
12878366	509386	TSPAN17	tetraspanin 17	1,0
12703123	782752	GTF3C2	general transcription factor IIIC, polypeptide 2, beta 110kDa	1,0
12879465	520730	WWC1	WW and C2 domain containing 1	1,0
12759460	617852	LOC617852	similar to Shaw-related voltage-gated potassium channel protein 3	1,0
12818370	618294	IL9R	interleukin 9 receptor	1,0
12885714	520650	SIL1	SIL1 homolog, endoplasmic reticulum chaperone (S. cerevisiae)	1,0
12780485	317657	MYL1	myosin, light chain 1, alkali; skeletal, fast	1,0
12706547	528582	CCBL1	cysteine conjugate-beta lyase, cytoplasmic	1,0
12879511	521221	TSPAN16	tetraspanin 16	1,0
12688454	506263	PTGR2	prostaglandin reductase 2	1,0
12776148	510682	DDOST	dolichyl-diphosphooligosaccharide-protein glycosyltransferase	1,0
12882449	788491	ZBTB7A	zinc finger and BTB domain containing 7A	1,0
12797575	786337	LOC786337	similar to ribosomal protein S24	1,0
12814246	618005	GPC2	glypican 2	1,0
12718182	327668	ATP5C1	ATP synthase, H ⁺ transporting, mitochondrial F1 complex, gamma polypeptide 1	1,0
12726428	100300021	LOC100300021	similar to transmembrane protein 123	1,0
12702812	617040	LOC617040	similar to hCG23722	1,0
12718816	508361	ELMO2	engulfment and cell motility 2	1,0
12714041	504640	RALY	RNA binding protein, autoantigenic (hnRNP-associated with lethal yellow homolog (mouse))	1,0
12806683	614553	SNRPC	small nuclear ribonucleoprotein polypeptide C	1,0
12751848	515777	NOL3	nucleolar protein 3 (apoptosis repressor with CARD domain)	1,0
12885456	515212	VMAC	vimentin-type intermediate filament associated coiled-coil protein	1,0
12759666	619131	RPS15A	ribosomal protein S15a	1,0
12701955	538452	LRRTM1	leucine rich repeat transmembrane neuronal 1	1,0
12824039	515451	LOC515451	similar to rCG23123	1,0
12771193	526597	LOC526597	hypothetical protein LOC526597	1,0
12795697	514973	LOC514973	similar to EF-hand domain-containing protein C3orf25 homolog	1,0
12785367	508556	MIER3	mesoderm induction early response 1, family member 3	1,0
12752107	521171	LOC521171	similar to FLJ16165 protein	1,0
12832549	100336760	LOC100336760	hypothetical protein LOC100336760	1,0
12851358	537246	TRIM24	tripartite motif-containing 24	1,0
12893318	510678	POLE3	polymerase (DNA directed), epsilon 3 (p17 subunit)	1,0
12847134	541028	UCK2	uridine-cytidine kinase 2	1,0
12699721	511158	LCN1	lipocalin 1 (tear prealbumin)	1,0

12727369	509152	LOC509152	similar to olfactory receptor 552	1,0
12839427	529615	HORMAD1	HORMA domain containing 1	1,0
12863651	100313219	MIR2442	microRNA mir-2442	1,0
12728080	515619	LOC515619	similar to olfactory receptor, family 52, subfamily H, member 1 (predicted)	1,0
12844511	513050	HPDL	4-hydroxyphenylpyruvate dioxygenase-like	1,0
12843368	505644	SCNM1	sodium channel modifier 1	1,0
12896090	100125289	C6orf120	chromosome 6 open reading frame 120 ortholog	1,0
12758651	534551	HSPB6	heat shock protein, alpha-crystallin-related, B6	1,0
12846376	534273	USP21	ubiquitin specific peptidase 21	1,0
12736395	528782	TNFRSF4	tumor necrosis factor receptor superfamily, member 4	1,0
12777605	531945	XRCC5	X-ray repair complementing defective repair in Chinese hamster cells 5 (double-strand-break rejoining)	1,0
12904406	522721	ZMYM3	zinc finger, MYM-type 3	1,0
12863689	100336488	LOC100336488	hCG2042154-like	1,0
12855931	616477	CHCHD3	coiled-coil-helix-coiled-coil-helix domain containing 3	1,0
12894083	520428	CDC14B	CDC14 cell division cycle 14 homolog B (<i>S. cerevisiae</i>)	1,0
12881344	540236	TUBB4	tubulin, beta 4	1,0
12781903	519213	PIGV	phosphatidylinositol glycan anchor biosynthesis, class V	1,0
12815034	100313290	MIR2284V	microRNA mir-2284v	1,0
12754771	788008	LOC788008	hypothetical LOC788008	1,0
12761354	404122	ACTG1	actin, gamma 1	1,0
12839691	532203	MRPL24	mitochondrial ribosomal protein L24	1,0
12782815	533042	MAP1D	methionine aminopeptidase 1D	1,0
12778083	535754	SAP130	Sin3A-associated protein, 130kDa	1,0
12772997	617766	TSPAN10	tetraspanin 10	1,0
12822126	513804	COL17A1	collagen, type XVII, alpha 1	1,0
12876254	100139048	LOC100139048	similar to EIF3S6	1,0
12739190	510169	MYBPH	myosin binding protein H	1,0
12770679	517133	LOC517133	similar to UPF0378 family protein KIAA0100 precursor (Breast cancer overexpressed gene 1 protein) (Antigen MLAA-22)	1,0
12733972	787543	LOC787543	similar to olfactory receptor 1125	1,0
12878888	512831	LOC512831	similar to heterogeneous nuclear ribonucleoprotein B0b	1,0
12909463	535869	RNF128	ring finger protein 128	1,0
12693009	100296438	LOC100296438	hypothetical protein LOC100296438	1,0
12842514	100337335	LOC100337335	hypothetical protein LOC100337335	1,0
12894624	534155	IGBP1	immunoglobulin (CD79A) binding protein 1	1,0
12792555	515069	FKBP3	FK506 binding protein 3, 25kDa	1,0
12788888	100336437	LOC100336437	Smad nuclear interacting protein-like	1,0
12801427	507058	PI16	peptidase inhibitor 16	1,0
12795707	515010	C22H3ORF23	chromosome 3 open reading frame 23 ortholog	1,0
12899873	507648	PHF10	PHD finger protein 10	1,0
12722776	523023	LOC523023	similar to testis-specific serine kinase 5	1,0
12799416	523966	CYB561D2	cytochrome b-561 domain containing 2	1,0
12831421	533729	PAK1	p21 protein (Cdc42/Rac)-activated kinase 1	1,0
12832233	789200	LOC789200	similar to mCG145277	1,0
12804195	100140337	LOC100140337	hypothetical protein LOC100140337	1,0
12842290	100140143	KPRP	keratinocyte proline-rich protein	1,0
12781477	513277	NUDC	nuclear distribution gene C homolog (<i>A. nidulans</i>)	1,0
12766654	100140752	LOC100140752	hypothetical protein LOC100140752	1,0
12793370	535927	TBC1D2B	TBC1 domain family, member 2B	1,0
12763206	514094	ZSWIM7	zinc finger, SWIM-type containing 7	1,0
12870509	505515	ADH5	alcohol dehydrogenase 5 (class III), chi polypeptide	1,0
12723608	618706	SLURP1	secreted LY6/PLAUR domain containing 1	1,0
12851548	539284	TSPAN33	tetraspanin 33	1,0
12830994	520410	LRRC10B	leucine rich repeat containing 10B	1,0

12796427	534607	CIDEC	cell death-inducing DFFA-like effector c	1,0
12688092	281827	HSPA2	heat shock 70kDa protein 2	1,0
12763545	518878	LOC518878	similar to Coiled-coil domain containing 57	1,0
12883643	497621	SLCO4C1	solute carrier organic anion transporter family, member 4C1	1,0
12733630	617229	DNHD1	dynein heavy chain domain 1	1,0
12681075	526226	LOC526226	similar to Hist1h4c protein	1,0
12865349	510646	LMF2	lipase maturation factor 2	1,0
12885528	516232	ZNF653	zinc finger protein 653	1,0
12860410	525377	EFCAB4B	EF-hand calcium binding domain 4B	1,0
12741472	784353	ATAD3B	ATPase family, AAA domain containing 3B	1,0
12837230	507718	PVRL4	poliovirus receptor-related 4	1,0
12812881	517837	MAD1L1	MAD1 mitotic arrest deficient-like 1 (yeast)	1,0
12902550	100313060	MIR502A-2	microRNA mir-502a-2	1,0
12773954	100297757	LOC100297757	similar to zinc finger protein 313	1,0
12854026	513061	ABCF2	ATP-binding cassette, sub-family F (GCN20), member 2	1,0
12885446	514934	CCDC94	coiled-coil domain containing 94	1,0
12827510	100336728	LOC100336728	paladin-like	1,0
12832514	100336466	LOC100336466	HRASLS5 protein-like	1,0
12856358	100296370	LOC100296370	hypothetical protein LOC100296370	1,0
12883689	504517	MERIT40	chromosome 19 open reading frame 62 ortholog	1,0
12835044	618028	KIRREL3	kin of IRRE like 3 (Drosophila)	1,0
12738803	505009	GLTPD1	glycolipid transfer protein domain containing 1	1,0
12785638	515328	CCDC125	coiled-coil domain containing 125	1,0
12715499	521637	LPIN3	lipin 3	1,0
12758768	538483	LOC538483	similar to Protein capicua homolog	1,0
12707392	539041	TLX2	T-cell leukemia homeobox 2	1,0
12762655	510502	EVPL	envoplakin	1,0
12753795	615990	ZNF446	zinc finger protein 446	1,0
12899167	100295568	LOC100295568	similar to ribosomal protein L37	1,0
12851573	539311	PPP1R9A	protein phosphatase 1, regulatory (inhibitor) subunit 9A	1,0
12795494	513889	CHCHD4	coiled-coil-helix-coiled-coil-helix domain containing 4	1,0
12711048	100336753	LOC100336753	mitochondrial import receptor subunit TOM6 homolog-like	1,0
12720446	534228	PRPF6	PRP6 pre-mRNA processing factor 6 homolog (S. cerevisiae)	1,0
12718121	282855	PCK1	phosphoenolpyruvate carboxykinase 1 (soluble)	1,0
12688814	510372	IPO4	importin 4	1,0
12716197	533562	TM9SF4	transmembrane 9 superfamily protein member 4	1,0
12886028	526688	ACSBG2	acyl-CoA synthetase bubblegum family member 2	1,0
12820353	533266	GPR120	G protein-coupled receptor 120	1,0
12888160	782605	ELL2	elongation factor, RNA polymerase II, 2	1,0
12748831	100170931	MIRLET7E	microRNA let-7e	1,0
12759033	613343	UBE2M	ubiquitin-conjugating enzyme E2M (UBC12 homolog, yeast)	1,0
12771219	527278	BECN1	beclin 1, autophagy related	1,0
12681347	533046	SLC7A14	solute carrier family 7 (cationic amino acid transporter, y+ system), member 14	1,0
12798313	504609	LARS2	leucyl-tRNA synthetase 2, mitochondrial	1,0
12737682	781739	LOC781739	similar to F45E12.5a	1,0
12700080	515585	B3GNT2	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 2	1,0
12807139	786846	LOC786846	similar to olfactory receptor 108	1,0
12793897	777604	SERPINA12	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 12	1,0
12868270	613777	PTMS	parathymosin	1,0
12811207	100336625	LOC100336625	hypothetical protein LOC100336625	1,0
12888788	100296596	LOC100296596	hypothetical protein LOC100296596	1,0

12803787	767885	KLC4	kinesin light chain 4	1,0
12910133	614404	HAUS7	HAUS augmin-like complex, subunit 7	1,0
12709775	522140	LOC522140	similar to CAP1 protein	1,0
12871124	517240	CC2D2A	coiled-coil and C2 domain containing 2A	1,0
12807525	282290	NDUFV2	NADH dehydrogenase (ubiquinone) flavoprotein 2, 24kDa	1,0
12771603	533129	ETV4	similar to ets variant gene 4 (E1A enhancer binding protein, E1AF)	1,0
12869575	100299277	LOC100299277	hypothetical protein LOC100299277	1,0
12825534	616036	CLDN22	claudin 22	1,0
12837582	510154	SELENBP1	selenium binding protein 1	1,0
12772695	614661	CORO6	coronin 6	1,0
12807534	282858	RAB27B	RAB27B, member RAS oncogene family	1,0
12896936	506884	SYTL3	synaptotagmin-like 3	1,0
12696054	533219	ACTC1	actin, alpha, cardiac muscle 1	1,0
12733095	539082	DDI1	DDI1, DNA-damage inducible 1, homolog 1 (S. cerevisiae)	1,0
12693956	505992	INO80	INO80 homolog (S. cerevisiae)	1,0
12782736	532333	SDPR	serum deprivation response	1,0
12844852	515161	ATP1A2	ATPase, Na ⁺ /K ⁺ transporting, alpha 2 (+) polypeptide	1,0
12786685	783202	LOC783202	similar to Cytochrome c oxidase polypeptide VIII-liver, mitochondrial precursor (Cytochrome c oxidase subunit 8-2) (IX)	1,0
12687612	100141057	KLHL33	kelch-like 33 (Drosophila)	1,0
12772378	539832	CCDC56	coiled-coil domain containing 56	1,0
12801358	505455	IER3	immediate early response 3	1,0
12771579	533098	SYNRG	synergin, gamma	1,0
12808594	614055	MYL12B	myosin, light chain 12B, regulatory	1,0
12877337	338067	PRKCSH	protein kinase C substrate 80K-H	1,0
12905770	616431	LOC616431	similar to H2B histone family, member W, testis-specific	1,0
12797429	782954	LOC782954	similar to eukaryotic translation elongation factor 1 alpha 1	1,0
12908979	526946	LOC526946	similar to rCG43868	1,0
12809281	506324	KCNG2	potassium voltage-gated channel, subfamily G, member 2	1,0
12785523	512080	CDH18	cadherin 18, type 2	1,0
12880138	527062	LOC527062	similar to LOC508140	1,0
12889029	280884	OGN	osteoglycin	1,0
12872232	540970	JAKMIP1	janus kinase and microtubule interacting protein 1	1,0
12754052	618024	GEMIN7	gem (nuclear organelle) associated protein 7	1,0
12745351	281943	NPY2R	neuropeptide Y receptor Y2	1,0
12902157	282422	CYP11B1	cytochrome P450, subfamily XI B, polypeptide 1	1,0
12747860	540318	ZNF664	zinc finger protein 664	1,0
12852991	281417	PON2	paraoxonase 2	1,0
12749351	281664	CAPNS1	calpain, small subunit 1	1,0
12898030	534114	RIMS1	regulating synaptic membrane exocytosis 1	1,0
12729581	540004	NUP98	nucleoporin 98kDa	1,0
12741713	100296812	LOC100296812	hypothetical protein LOC100296812	1,0
12872980	100313225	MIR2450A	microRNA mir-2450a	1,0
12753830	616282	TEX101	testis expressed 101	1,0
12682582	618066	LOC618066	similar to ubiquitin-like 5	1,0
12743103	524078	SLC7A11	solute carrier family 7, (cationic amino acid transporter, y ⁺ system) member 11	1,0
12756307	505540	MAMSTR	MEF2 activating motif and SAP domain containing transcriptional regulator	1,0
12725851	539163	WISP1	WNT1 inducible signaling pathway protein 1	1,0
12761769	505628	SNF8	SNF8, ESCRT-II complex subunit, homolog (S. cerevisiae)	1,0

12729822	614139	ELP4	elongation protein 4 homolog (<i>S. cerevisiae</i>)	1,0
12751411	513349	DEF8	differentially expressed in FDCP 8 homolog (mouse)	1,0
12701295	533928	TOR1B	torsin family 1, member B (torsin B)	1,0
12807954	516801	CLUL1	clusterin-like 1 (retinal)	1,0
12862614	618614	LOC618614	similar to BIK1	1,0
12837038	506551	POMGNT1	protein O-linked mannose beta1,2-N-acetylglucosaminyltransferase	1,0
12851621	539444	NYD-SP18	testes development-related NYD-SP18	1,0
12820358	533768	TACC2	transforming, acidic coiled-coil containing protein 2	1,0
12793601	540530	FSD2	fibronectin type III and SPRY domain containing 2	1,0
12735280	508638	NOC2L	nucleolar complex associated 2 homolog (<i>S. cerevisiae</i>)	1,0
12786160	535804	OXCT1	3-oxoacid CoA transferase 1	1,0
12695629	528252	TLN2	talin 2	1,0
12780494	327699	ATPIF1	ATPase inhibitory factor 1	1,0
12739946	524303	SLC45A3	solute carrier family 45, member 3	1,0
12827027	613849	COL13A1	collagen, type XIII, alpha 1	1,0
12745229	100313142	MIR2323	microRNA mir-2323	1,0
12715563	521816	SRMS	src-related kinase lacking C-terminal regulatory tyrosine and N-terminal myristylation sites	1,0
12685939	535816	FTCD	formiminotransferase cyclodeaminase	1,0
12711034	100313405	MIR2302	microRNA mir-2302	1,0
12879423	520247	LPPR2	lipid phosphate phosphatase-related protein type 2	1,0
12811261	100337302	LOC100337302	hypothetical protein LOC100337302	1,0
12787903	533784	CCT5	chaperonin containing TCP1, subunit 5 (epsilon)	1,0
12734386	100337507	LOC100337507	hypothetical protein LOC100337507	1,0
12734721	353113	CACNA1E	calcium channel, voltage-dependent, R type, alpha 1E subunit	1,0
12799689	531866	TTLL3	tubulin tyrosine ligase-like family, member 3	1,0
12759076	614002	LOC614002	similar to Uncharacterized protein C16orf46	1,0
12791856	407132	SLCO3A1	solute carrier organic anion transporter family, member 3A1	1,0
12841946	788523	LOC788523	similar to Cytokine induced protein 29 kDa	1,0
12879988	526516	HOOK2	hook homolog 2 (<i>Drosophila</i>)	1,0
12686491	540661	BRWD1	bromodomain and WD repeat domain containing 1	1,0
12691043	538422	TTLL5	similar to tubulin tyrosine ligase-like family, member 5	1,0
12846695	538124	ANKMY1	ankyrin repeat and MYND domain containing 1	1,0
12901739	100299935	LOC100299935	hypothetical LOC100299935	1,0
12898769	613605	KCNQ5	potassium voltage-gated channel, KQT-like subfamily, member 5	1,0
12817890	535174	DCI	dodecenoyl-Coenzyme A delta isomerase (3,2 trans-enoyl-Coenzyme A isomerase)	1,0
12810829	100125940	THOC6	THO complex 6 homolog (<i>Drosophila</i>)	1,0
12831708	540685	RAB1B	RAB1B, member RAS oncogene family	1,0
12764377	532851	LASP1	LIM and SH3 protein 1	1,0
12755170	100140305	GGN	gametogenetin	1,0
12709013	281683	LECT1	leukocyte cell derived chemotaxin 1	1,0
12720877	615595	LOC615595	similar to ribosomal protein L10	1,0
12825757	100336769	LOC100336769	oncoprotein-induced transcript 3 protein-like	1,0
12832113	782688	LOC782688	hypothetical LOC782688	1,0
12902148	531878	LOC531878	similar to olfactory receptor 355	1,0
12752434	526123	ZNF304	zinc finger protein 304	1,0
12815931	507528	WDR24	WD repeat domain 24	1,0
12791464	100126049	NUDT14	nudix (nucleoside diphosphate linked moiety X)-type motif 14	1,0
12731091	504200	LOC504200	similar to Olfactory receptor 5AN1 (Olfactory receptor OR11-244)	1,0
12703453	100140713	REXO4	REX4, RNA exonuclease 4 homolog (<i>S. cerevisiae</i>)	1,0
12876649	100337179	LOC100337179	thyroid hormone receptor interactor 10-like	1,0
12785330	507749	C6	complement component 6	1,0

12796572	537192	PRICKLE2	prickle homolog 2 (Drosophila)	1,0
12898611	540355	HS3ST5	heparan sulfate (glucosamine) 3-O-sulfotransferase 5	1,0
12849563	505224	ATP6V0E2	ATPase, H ⁺ transporting V0 subunit e2	1,0
12681041	524960	NRIP1	nuclear receptor interacting protein 1	1,0
12773273	781661	LOC781661	similar to Smith-Magenis syndrome chromosome region, candidate 8	1,0
12699102	505451	LOC505451	similar to olfactory receptor MOR136-10	1,0
12719457	515499	PCNA	proliferating cell nuclear antigen	1,0
12816855	516233	NOXO1	NADPH oxidase organizer 1	1,0
12837438	508907	PARS2	prolyl-tRNA synthetase 2, mitochondrial (putative)	1,0
12884338	508384	GATAD2A	GATA zinc finger domain containing 2A	1,0
12816205	510242	C16orf5	chromosome 16 open reading frame 5	1,0
12703567	100299600	LOC100299600	similar to ATP-binding cassette, sub-family A (ABC1), member 2	1,0
12892359	100295064	LOC100295064	hypothetical protein LOC100295064	1,0
12755952	286886	GOT2	glutamic-oxaloacetic transaminase 2, mitochondrial (aspartate aminotransferase 2)	1,0
12794406	282393	UQCRC1	UQCRC1 protein	1,0
12787571	518403	ANKRD33B	ankyrin repeat domain 33B	1,0
12693281	100336680	LOC100336680	MEGF11 protein-like	1,0
12766810	100313149	MIR2334	microRNA mir-2334	1,0
12742828	517135	C17H22ORF13	chromosome 22 open reading frame 13 ortholog	1,0
12728269	519269	RRAS2	related RAS viral (r-ras) oncogene homolog 2	1,0
12849431	407210	Grb10	growth factor receptor-bound protein 10	1,0
12773751	789694	LOC789694	similar to nuclear fragile X mental retardation protein interacting protein 2	1,0
12801394	506405	DHX16	DEAH (Asp-Glu-Ala-His) box polypeptide 16	1,0
12772250	539395	C19H17orf59	chromosome 17 open reading frame 59 ortholog	1,0
12803949	785478	LOC785478	similar to hCG2042411	1,0
12772025	537703	MAPK7	mitogen-activated protein kinase 7	1,0
12825725	100335403	LOC100335403	zinc finger protein 347-like	1,0
12744538	616270	RTDR1	rhabdoid tumor deletion region gene 1	1,0
12835842	281142	ENSA	endosulfine alpha	1,0
12730152	781101	LOC781101	hypothetical LOC781101	1,0
12859755	516241	LOC516241	similar to cysteine sulfinic decarboxylase	1,0
12893442	512027	SIT1	signaling threshold regulating transmembrane adaptor 1	1,0
12764447	534237	RAB40B	RAB40B, member RAS oncogene family	1,0
12880714	535470	PIN1	peptidylprolyl cis/trans isomerase, NIMA-interacting 1	1,0
12724014	100313132	MIR2311	microRNA mir-2311	1,0
12844526	513056	VANGL1	vang-like 1 (van gogh, Drosophila)	1,0
12723888	790978	MIR151	microRNA mir-151	1,0
12751450	513625	LOC513625	similar to rCG54282	1,0
12895450	617113	SLC35D2	solute carrier family 35, member D2	1,0
12796403	534489	WDR51A	WD repeat domain 51A	1,0
12726140	618397	RHPN1	rhophilin, Rho GTPase binding protein 1	1,0
12784506	767919	AAMP	angio-associated, migratory cell protein	1,0
12863619	100298485	LOC100298485	hypothetical protein LOC100298485	1,0
12888852	100313238	MIR2471	microRNA mir-2471	1,0
12909086	531038	LOC531038	similar to ras homolog gene family, member G	1,0
12743329	528842	NEFH	neurofilament, heavy polypeptide	1,0
12765996	786191	HIC1	similar to hypermethylated in cancer 1	1,0
12702675	615894	SCGB1C1	secretoglobin, family 1C, member 1	1,0
12795267	511475	RUVBL1	RuvB-like 1 (E. coli)	1,0
12779947	100295962	LOC100295962	similar to ubiquitin-like 5	1,0
12894025	518910	ZBTB5	zinc finger and BTB domain containing 5	1,0
12713292	100296552	LOC100296552	similar to ubiquitin-conjugating enzyme E2D 3	1,0
12878111	507513	LOC507513	similar to G protein-coupled receptor 98	1,0
12785502	510912	NEURL1B	neuralized homolog 1B (Drosophila)	1,0

12816434	512478	40787	septin 1	1,0
12767584	286883	MAP2K6	mitogen-activated protein kinase kinase 6	1,0
12804650	282535	BOLA-DQA2	major histocompatibility complex, class II, DQ alpha 2	1,0
12709455	509611	TMCO3	transmembrane and coiled-coil domains 3	1,0
12754846	789631	FIZ1	FLT3-interacting zinc finger 1	1,0
12881293	540027	RASAL3	RAS protein activator like 3	1,0
12868064	540517	GDF11	growth differentiation factor 11	1,0
12695496	525734	GPR176	G protein-coupled receptor 176	1,0
12763647	522375	ADAM11	ADAM metalloproteinase domain 11	1,0
12788600	100139303	LOC100139303	similar to myeloid-associated differentiation marker	1,0
12811657	504372	TMEM130	transmembrane protein 130	1,0
12764195	530855	GALK1	galactokinase 1	1,0
12759153	614600	LOC614600	similar to rCG53826	1,0
12833979	519195	CCDC81	coiled-coil domain containing 81	1,0
12699558	509584	TBC1D13	TBC1 domain family, member 13	1,0
12803382	540386	DDAH2	dimethylarginine dimethylaminohydrolase 2	1,0
12817572	529195	MEFV	Mediterranean fever	1,0
12893029	506577	UBAP2	ubiquitin associated protein 2	1,0
12883014	100337449	LOC100337449	methyl-CpG binding domain protein 3-like	1,0
12801213	286808	MDFI	MyoD family inhibitor	1,0
12757322	514538	LOC514538	similar to chromosome 16 open reading frame 7	1,0
12792450	513746	LOC513746	similar to corticosteroid binding protein	1,0
12776334	512251	LOC512251	similar to heat shock 27kDa protein family, member 7 (cardiovascular)	1,0
12753432	539701	FKRP	fukutin related protein	1,0
12750708	509974	GPR114	G protein-coupled receptor 114	1,0
12886005	526480	ZNF496	zinc finger protein 496	1,0
12900472	519714	TTLL2	tubulin tyrosine ligase-like family, member 2	1,0
12864776	506544	PFKM	phosphofructokinase, muscle	1,0
12810719	781416	LOC781416	similar to ribosomal protein S15a	1,0
12801330	505031	TOMM6	overexpressed breast tumor protein homolog	1,0
12876402	100298265	CPAMD8	C3 and PZP-like, alpha-2-macroglobulin domain containing 8	1,0
12773034	618214	HOXB3	homeobox B3	1,0
12741008	614193	MIIP	migration and invasion inhibitory protein	1,0
12795590	514586	EPRS	glutamyl-prolyl-tRNA synthetase	1,0
12739381	513023	FBXO6	F-box protein 6	1,0
12859798	517259	MICALL1	MICAL-like 1	1,0
12717377	783264	LOC783264	similar to ubiquitin-conjugating enzyme E2D 3	1,0
12690064	527187	LOC527187	similar to FLJ00089 protein	1,0
12745587	504257	SCOC	short coiled-coil protein	1,0
12828160	518459	TRIM67	tripartite motif-containing 67	1,0
12851594	539345	ADCK2	aarF domain containing kinase 2	1,0
12678794	282357	SLC2A2	solute carrier family 2 (facilitated glucose transporter), member 2	1,0
12691208	539749	SIX6	SIX homeobox 6	1,0
12871213	518544	CNO	cappuccino homolog (mouse)	1,0
12710489	541228	THSD1	thrombospondin, type I, domain containing 1	1,0
12890281	514786	CCDC107	coiled-coil domain containing 107	1,0
12773012	618127	FXR2	fragile X mental retardation, autosomal homolog 2	1,0
12902760	100337164	LOC100337164	melanoma antigen family A, 9-like	1,0
12910691	786300	LOC786300	similar to killer cell immunoglobulin-like receptor, two domains, short cytoplasmic tail, 1	1,0
12835158	782090	LOC782090	similar to eukaryotic translation initiation factor 2, subunit 1 alpha	1,0
12702977	618298	TMEM182	transmembrane protein 182	1,0
12733559	616252	GIF	gastric intrinsic factor (vitamin B synthesis)	1,0
12740127	532283	KLHDC8A	kelch domain containing 8A	1,0

12880704	535416	SIRT6	sirtuin (silent mating type information regulation 2 homolog) 6 (<i>S. cerevisiae</i>)	1,0
12754412	781037	MAP3K10	mitogen-activated protein kinase kinase kinase 10	1,0
12889169	282382	TGFBF1	transforming growth factor, beta receptor 1	1,0
12768436	507080	PIGL	phosphatidylinositol glycan anchor biosynthesis, class L	1,0
12879060	514569	RPS15	ribosomal protein S15	1,0
12786562	614206	LOC614206	similar to histone cluster 1, H2bd	1,0
12689506	515594	PRMT5	protein arginine methyltransferase 5	1,0
12713434	100336134	LOC100336134	phosphoribosylaminoimidazole carboxylase, phosphoribosylaminoimidazole succinocarboxamide synthetase-like	1,0
12764496	534491	GRAP	GRB2-related adaptor protein	1,0
12690496	533257	TMOD3	tropomodulin 3 (ubiquitous)	1,0
12759177	614923	SIGLEC14	sialic acid binding Ig-like lectin 14	1,0
12758169	527186	ZNF772	zinc finger protein 772	1,0
12812204	510859	CCDC101	coiled-coil domain containing 101	1,0
12734601	282010	PSEN2	presenilin 2 (Alzheimer disease 4)	1,0
12754595	785072	SCAF1	SR-related CTD-associated factor 1	1,0
12881803	616024	PCDHA6	protocadherin alpha 6	1,0
12690670	534385	ZNF410	zinc finger protein 410	1,0
12834584	536439	NAALAD2	N-acetylated alpha-linked acidic dipeptidase 2	1,0
12790500	529868	LOC529868	similar to leucine-rich repeat kinase 1	1,0
12760460	100313036	MIR33B	microRNA mir-33b	1,0
12757787	520296	LOC520296	similar to Periaxin	1,0
12885540	516550	FEM1A	fem-1 homolog a (<i>C. elegans</i>)	1,0
12814649	788915	LOC788915	similar to hCG2040195	1,0
12813310	528784	PRSS33	protease, serine, 33	1,0
12723332	539802	LOC539802	similar to CGG triplet repeat-binding protein 1 (CGG-binding protein 1) (p20-CGGBP DNA-binding protein) (20 kDa CGG-binding protein)	1,0
12828866	616019	MSMB	microseminoprotein, beta-	1,0
12728901	533166	SORL1	sortilin-related receptor, L(DLR class) A repeats-containing	1,0
12734639	282133	ADORA1	adenosine A1 receptor	1,0
12819513	511792	HPS6	Hermansky-Pudlak syndrome 6	1,0
12818183	614254	QPRT	quinolinate phosphoribosyltransferase	1,0
12730029	617377	ZNF408	zinc finger protein 408	1,0
12901454	618099	ASF1A	ASF1 anti-silencing function 1 homolog A (<i>S. cerevisiae</i>)	1,0
12811574	338381	AHSP	alpha hemoglobin stabilizing protein	1,0
12886948	537062	SLC27A6	solute carrier family 27 (fatty acid transporter), member 6	1,0
12879253	516326	LMNB2	lamin B2	1,0
12688429	506238	PSMC1	proteasome (prosome, macropain) 26S subunit, ATPase, 1	1,0
12755879	282652	HSD17B14	hydroxysteroid (17-beta) dehydrogenase 14	1,0
12814291	618076	MOGAT3	monoacylglycerol O-acyltransferase 3	1,0
12802333	520603	LOC520603	similar to KIAA0319	1,0
12908540	517820	ENOX2	ecto-NOX disulfide-thiol exchanger 2	1,0
12716981	615129	C13H20orf196	chromosome 20 open reading frame 196 ortholog	1,0
12722811	524180	CSPP1	centrosome and spindle pole associated protein 1	1,0
12902182	100138461	LOC100138461	similar to MGC128518 protein	1,0
12800467	615251	CCDC72	coiled-coil domain containing 72	1,0
12705724	514683	TMEM214	transmembrane protein 214	1,0
12848399	100125415	GIMAP7	GTPase, IMAP family member 7	1,0
12681589	535090	KPNA4	karyopherin alpha 4 (importin alpha 3)	1,0
12892626	281136	LPAR1	lysophosphatidic acid receptor 1	1,0
12827860	407213	SFTPA1B	surfactant protein A1B	1,0

12759936	786345	VSIG10L	V-set and immunoglobulin domain containing 10 like	1,0
12706410	526844	DOLK	dolichol kinase	1,0
12907694	508424	PIM2	pim-2 oncogene	1,0
12691214	539758	ZFHX2	zinc finger homeobox 2	1,0
12683314	281495	SOD1	superoxide dismutase 1, soluble	1,0
12794235	100313309	MIR26A-1	microRNA mir-26a-1	1,0
12692478	784931	LOC784931	similar to ribosomal protein S15a	1,0
12819999	523293	CCNJ	cyclin J	1,0
12866060	515147	TMEM5	transmembrane protein 5	1,0
12878653	511141	LOC511141	similar to olfactory receptor 720	1,0
12889229	327662	ANXA1	annexin A1	1,0
12682266	613725	PCBP3	poly(rC) binding protein 3	1,0
12693649	286884	RPS29	ribosomal protein S29	1,0
12890750	525937	GDA	guanine deaminase	1,0
12843655	507315	NUDT17	nudix (nucleoside diphosphate linked moiety X)-type motif 17	1,0
12845502	524973	PRUNE	prune homolog (Drosophila)	1,0
12875311	537631	MAPK10	mitogen-activated protein kinase 10	1,0
12754588	784785	LOC784785	similar to Zinc finger protein 473 (Zinc finger protein 100 homolog) (Zfp-100)	1,0
12691759	613626	MDP-1	magnesium-dependent phosphatase 1	1,0
12882690	100295917	LOC100295917	hypothetical protein LOC100295917	1,0
12728000	515503	PSMA1	proteasome (prosome, macropain) subunit, alpha type, 1	1,0
12769274	509812	TMEM107	transmembrane protein 107	1,0
12767695	353110	NGFR	nerve growth factor receptor (TNFR superfamily, member 16)	1,0
12762928	512099	TBC1D16	TBC1 domain family, member 16	1,0
12709672	514162	LOC514162	similar to aurora borealis	1,0
12869754	100337125	LOC100337125	dentin sialoprotein DSP-like	1,0
12758990	540492	KCNA7	potassium voltage-gated channel, shaker-related subfamily, member 7	1,0
12857879	505427	MAP3K12	mitogen-activated protein kinase kinase kinase 12	1,0
12747834	540047	LOC540047	similar to Guanine nucleotide-binding protein G(z) subunit alpha (G(x) alpha chain) (Gz-alpha)	1,0
12735449	511564	FAIM3	Fas apoptotic inhibitory molecule 3	1,0
12859456	514031	ITGB7	integrin, beta 7	1,0
12738172	100336635	LOC100336635	hypothetical protein LOC100336635	1,0
12874334	516925	COX18	COX18 cytochrome c oxidase assembly homolog (S. cerevisiae)	1,0
12856447	100300303	ZBED4	zinc finger, BED-type containing 4	1,0
12700461	519224	TPRKB	TP53RK binding protein	1,0
12824974	507151	RPL15	ribosomal protein L15	1,0
12708757	100294797	LOC100294797	hypothetical protein LOC100294797	1,0
12831313	531931	SF3B2	splicing factor 3b, subunit 2, 145kDa	1,0
12781418	512745	RPL11	ribosomal protein L11	1,0
12723136	534898	ANKRD46	ankyrin repeat domain 46	1,0
12715132	514886	STK4	serine/threonine kinase 4	1,0
12759640	618702	RPL28	ribosomal protein L28	1,0
12815320	352959	RHOT2	ras homolog gene family, member T2	1,0
12756522	508174	SLC7A9	solute carrier family 7 (cationic amino acid transporter, y+-system), member 9	1,0
12883336	282574	GDF9	growth differentiation factor 9	1,0
12746119	508629	ALDH2	aldehyde dehydrogenase 2 family (mitochondrial)	1,0
12707555	540351	ZER1	zer-1 homolog (C. elegans)	1,0
12857233	282430	GLYCAM1	glycosylation-dependent cell adhesion molecule 1	1,0
12906479	100296883	LOC100296883	similar to immunoglobulin binding protein 1	1,0
12743958	537614	NR3C2	nuclear receptor subfamily 3, group C, member 2	1,0
12721550	100313129	MIR2308	microRNA mir-2308	1,0

12727126	506162	LOC506162	similar to Olfactory receptor 2AG1 (HT3)	1,0
12788183	540253	LOC540253	hypothetical LOC540253	1,0
12792525	514767	TGM5	transglutaminase 5	1,0
12698064	100296246	LOC100296246	similar to heat shock 70kDa protein 8	1,0
12702991	618437	EXD3	exonuclease 3'-5' domain containing 3	1,0
12807284	100294927	LOC100294927	hypothetical protein LOC100294927	1,0
12749590	286824	HAS3	hyaluronan synthase 3	1,0
12794298	100336816	LOC100336816	RAF proto-oncogene serine/threonine-protein kinase-like	1,0
12862336	614912	KCTD17	potassium channel tetramerisation domain containing 17	1,0
12822964	539466	PPP1R3C	protein phosphatase 1, regulatory (inhibitor) subunit 3C	1,0
12877525	504602	TTC1	tetratricopeptide repeat domain 1	1,0
12817156	522886	PPL	periplakin	1,0
12740976	614077	PTPN7	protein tyrosine phosphatase, non-receptor type 7	1,0
12765962	786013	AATF	apoptosis antagonizing transcription factor	1,0
12693220	100335464	LOC100335464	hypothetical protein LOC100335464	1,0
12892363	100295209	GRIN3A	glutamate receptor, ionotropic, N-methyl-D-aspartate 3A	1,0
12881157	539613	TRMT1	TRM1 tRNA methyltransferase 1 homolog (S. cerevisiae)	1,0
12883784	504972	GIN1	gypsy retrotransposon integrase 1	1,0
12678550	280932	SST	somatostatin	1,0
12881622	614453	EFNA2	ephrin-A2	1,0
12702269	540388	TGFA	transforming growth factor, alpha	1,0
12742546	511380	ALKBH2	alkB, alkylation repair homolog 2 (E. coli)	1,0
12888479	787899	GPR151	G protein-coupled receptor 151	1,0
12709536	512525	EFHA1	EF-hand domain family, member A1	1,0
12835559	100299326	LOC100299326	similar to FERM, RhoGEF and pleckstrin domain protein 2	1,0
12763498	517569	LOC517569	similar to olfactory receptor MOR157-1	1,0
12739263	511268	PARK7	Parkinson disease (autosomal recessive, early onset) 7	1,0
12896805	504856	MLLT4	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 4	1,0
12792955	527701	AHNAK2	AHNAK nucleoprotein 2	1,0
12868894	767931	NHP2L1	NHP2 non-histone chromosome protein 2-like 1 (S. cerevisiae)	1,0
12789288	504752	EIF5	eukaryotic translation initiation factor 5	1,0
12749790	503554	COX6B2	cytochrome c oxidase subunit VIb testes-specific isoform	1,0
12902270	100139623	LOC100139623	similar to hCG1794302	1,0
12882994	100337329	LOC100337329	serine/threonine protein kinase 11-like	1,0
12818684	789999	EIF3B	eukaryotic translation initiation factor 3, subunit B	1,0
12720950	616662	CCDC7	coiled-coil domain containing 7	1,0
12861610	538820	PAN2	PAN2 poly(A) specific ribonuclease subunit homolog (S. cerevisiae)	1,0
12842647	281476	SARS	seryl-tRNA synthetase	1,0
12687385	786557	LRCH3	leucine-rich repeats and calponin homology (CH) domain containing 3	1,0
12684920	518967	C1H21ORF2	chromosome 21 open reading frame 2 ortholog	1,0
12881863	616744	MSH3	mutS homolog 3 (E. coli)	1,0
12903786	511713	MAGIX	MAGI family member, X-linked	1,0
12837143	507196	SHC1	SHC (Src homology 2 domain containing) transforming protein 1	1,0
12732328	520399	LOC520399	similar to Olfactory receptor 1056	1,0
12883971	506009	LOC506009	similar to CG8043 CG8043-PA	1,0
12869424	788357	LOC788357	similar to olfactory receptor 810	1,0
12763227	514334	ZBP2	zona pellucida binding protein 2	1,0

12885741	520891	NHP2	NHP2 ribonucleoprotein homolog (yeast)	1,0
12794432	319097	TXNRD3	thioredoxin reductase 3	1,0
12877814	505837	ZNF358	zinc finger protein 358	1,0
12830941	518136	KLC2	kinesin light chain 2	1,0
12768262	506184	HEXDC	hexosaminidase (glycosyl hydrolase family 20, catalytic domain) containing	1,0
12752027	519309	LOC519309	similar to zinc finger protein 790	1,0
12823188	616443	OPALIN	oligodendrocytic myelin paranodal and inner loop protein	1,0
12887776	615639	OCEL1	occludin/ELL domain containing 1	1,0
12758174	527305	CNOT3	CCR4-NOT transcription complex, subunit 3	1,0
12751335	512891	PSMD8	proteasome (prosome, macropain) 26S subunit, non-ATPase, 8	1,0
12835538	100297476	LOC100297476	hypothetical protein LOC100297476	1,0
12768335	506954	TLCD2	TLC domain containing 2	1,0
12884143	507723	HMG20B	high-mobility group 20B	1,0
12772617	613954	RAB37	RAB37, member RAS oncogene family	1,0
12905630	613810	CDK16	cyclin-dependent kinase 16	1,0
12720915	615929	GGT7	gamma-glutamyltransferase 7	1,0
12738701	404548	SEC16B	SEC16 homolog B (<i>S. cerevisiae</i>)	1,0
12855532	540584	LOC540584	similar to family with sequence similarity 126, member A	1,0
12884463	509080	PKN1	protein kinase N1	1,0
12683135	100337136	LOC100337136	ribosomal protein 10-like	1,0
12788277	541110	MARVELD2	MARVEL domain containing 2	1,0
12686231	539035	RNF13	ring finger protein 13	1,0
12726379	100141109	LOC100141109	hypothetical protein LOC100141109	1,0
12797879	100336540	LOC100336540	hypothetical protein LOC100336540	1,0
12741302	617640	PUSL1	pseudouridylate synthase-like 1	1,0
12751907	517090	LOC517090	similar to solute carrier family 7 (cationic amino acid transporter, y+ system), member 3	1,0
12781489	513306	HOXD4	homeobox D4	1,0
12822921	538469	SLC16A12	solute carrier family 16, member 12 (monocarboxylic acid transporter 12)	1,0
12877396	369020	RETN	resistin	1,0
12823421	100313312	MIR383	microRNA mir-383	1,0
12834682	539276	HTATIP2	HIV-1 Tat interactive protein 2, 30kDa	1,0
12765302	614631	TMEM95	transmembrane protein 95	1,0
12776301	511996	AKR7A2	aldo-keto reductase family 7, member A2 (aflatoxin aldehyde reductase)	1,0
12881404	540954	RGMB	RGM domain family, member B	1,0
12739653	515552	PLEKHM2	pleckstrin homology domain containing, family M (with RUN domain) member 2	1,0
12692038	616675	NOP10	NOP10 ribonucleoprotein homolog (yeast)	1,0
12818451	618598	CCSMST1	protein CCSMST1	1,0
12794262	100335621	LOC100335621	histidine triad nucleotide-binding protein 1-like	1,0
12795314	511969	IMPDH2	IMP (inosine monophosphate) dehydrogenase 2	1,0
12870757	510550	LOC510550	similar to Uncharacterized protein KIAA1530	1,0
12728540	526621	LOC526621	similar to olfactory receptor Olr60 (predicted)	1,0
12883937	505672	FCHO1	FCH domain only 1	1,0
12737365	616209	LRRC47	leucine rich repeat containing 47	1,0
12818549	780786	PRKRIP1	PRKR interacting protein 1 (IL11 inducible)	1,0
12762533	509881	CD300LD	CD300 molecule-like family member d	1,0
12840805	540348	ELOVL1	elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 1	1,0
12882986	100337236	LOC100337236	Nuclear factor 1 C-type-like	1,0
12877717	505521	TNFSF14	tumor necrosis factor (ligand) superfamily, member 14	1,0
12709082	282691	HMGB1	high-mobility group box 1	1,0
12833188	506692	NAALADL1	N-acetylated alpha-linked acidic dipeptidase-like 1	1,0

12898993	768003	C9H6orf94	chromosome 6 open reading frame 94 ortholog	1,0
12857785	504536	ZCRB1	zinc finger CCHC-type and RNA binding motif 1	1,0
12802801	533050	BoLA	major histocompatibility complex, class I, A	1,0
12865410	511098	LGALS3	lectin, galactoside-binding, soluble, 3	1,0
12725324	515918	CA8	carbonic anhydrase VIII	1,0
12751043	511180	LOC511180	similar to sialic acid binding Ig-like lectin 5	1,0
12773782	100125266	LOC100125266	alkaline phosphatase-like	1,0
12816513	512771	ASL	argininosuccinate lyase	1,0
12758703	535881	SLC8A2	solute carrier family 8 (sodium/calcium exchanger), member 2	1,0
12847982	782522	STAR	steroidogenic acute regulatory protein	1,0
12762495	509555	LOC509555	similar to Leucine-rich repeat-containing protein C17orf76	1,0
12701746	536255	LOC536255	similar to patatin-like phospholipase domain containing 7	1,0
12846249	533805	LOC533805	similar to hCG2036582	1,0
12831478	535197	MARK2	MAP/microtubule affinity-regulating kinase 2	1,0
12856893	281354	NPFF	neuropeptide FF-amide peptide precursor	1,0
12856155	783382	LOC783382	similar to MGC133577 protein	1,0
12725871	539210	PLAG1	pleiomorphic adenoma gene 1	1,0
12814918	100141053	LOC100141053	similar to tigger transposable element derived 7	1,0
12852794	100336179	LOC100336179	hypothetical protein LOC100336179	1,0
12693484	281754	EPB42	erythrocyte membrane protein band 4.2	1,0
12744789	783718	LOC783718	similar to ubiquitin B	1,0
12851101	534518	CPVL	carboxypeptidase, vitellogenic-like	1,0
12754320	767943	TTYH1	tweety homolog 1 (Drosophila)	1,0
12746249	511467	PPIL2	peptidylprolyl isomerase (cyclophilin)-like 2	1,0
12692464	784778	LOC784778	similar to olfactory receptor 727	1,0
12862581	618235	40789	septin 3	1,0
12740376	534608	ZBTB48	zinc finger and BTB domain containing 48	1,0
12703490	100296479	LOC100296479	hypothetical protein LOC100296479	1,0
12680471	515053	C1H21orf62	chromosome 21 open reading frame 62 ortholog	1,0
12795374	512325	SLC25A38	solute carrier family 25, member 38	1,0
12759490	618193	TMEM162	transmembrane protein 162	1,0
12902544	100313038	MIR362	microRNA mir-362	1,0
12871053	514925	KLB	klotho beta	1,0
12869430	788541	LOC788541	similar to ribosomal protein L7	1,0
12878865	512356	FKBP8	FK506 binding protein 8, 38kDa	1,0
12841447	617830	POU3F1	POU class 3 homeobox 1	1,0
12749283	281004	APOE	apolipoprotein E	1,0
12757606	519181	FUK	fucokinase	1,0
12883428	327698	NDUFA2	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 2, 8kDa	1,0
12754852	789661	LOC789661	similar to Putative uncharacterized serine/threonine-protein kinase SgK110 (Sugen kinase 110)	1,0
12800052	539619	LRCH4	leucine-rich repeats and calponin homology (CH) domain containing 4	1,0
12684086	508337	MFSD1	major facilitator superfamily domain containing 1	1,0
12691738	613584	COPS2	COP9 constitutive photomorphogenic homolog subunit 2 (Arabidopsis)	1,0
12733584	616537	RAB6A	RAB6A, member RAS oncogene family	1,0
12891997	618985	LOC618985	similar to interferon-tau	1,0
12802123	515620	TJAP1	tight junction associated protein 1 (peripheral)	1,0
12887590	613347	COL23A1	collagen, type XXIII, alpha 1	1,0
12715778	525394	ARFRP1	ADP-ribosylation factor related protein 1	1,0
12776890	520875	EEF1B	eukaryotic translation elongation factor 1 beta 2	1,0
12772635	614269	LOC614269	similar to leucine rich repeat containing 37A	1,0
12874735	530344	PPEF2	protein phosphatase, EF-hand calcium binding domain 2	1,0

12906091	783993	LOC783993	similar to ferritin L subunit	1,0
12830042	507815	STT3A	STT3, subunit of the oligosaccharyltransferase complex, homolog A (<i>S. cerevisiae</i>)	1,0
12765824	768052	PIGW	phosphatidylinositol glycan anchor biosynthesis, class W	1,0
12891726	613935	TSSC1	tumor suppressing subtransferable candidate 1	1,0
12787063	338100	RAB3C	RAB3C, member RAS oncogene family	1,0
12701090	527786	SLC25A25	solute carrier family 25 (mitochondrial carrier; phosphate carrier), member 25	1,0
12840261	536706	EVI5	ecotropic viral integration site 5	1,0
12754777	788015	ACPT	acid phosphatase, testicular	1,0
12824728	100313191	MIR2400	microRNA mir-2400	1,0
12898315	535392	LOC535392	similar to Temporarily Assigned Gene name family member (tag-241)	1,0
12811048	100297707	LOC100297707	hypothetical protein LOC100297707	1,0
12724221	281366	ODF1	outer dense fiber of sperm tails 1	1,0
12787449	514705	PTCD2	pentatricopeptide repeat domain 2	1,0
12814482	768256	DECR2	2,4-dienoyl CoA reductase 2, peroxisomal	1,0
12780845	507607	CCDC28B	coiled-coil domain containing 28B	1,0
12847501	615670	BSND	Bartter syndrome, infantile, with sensorineural deafness (Barttin)	1,0
12776360	512798	EPHA2	EPH receptor A2	1,0
12832667	281684	CHRM1	cholinergic receptor, muscarinic 1	1,0
12766818	100313260	MIR324	microRNA mir-324	1,0
12756481	507895	U2AF2	U2 small nuclear RNA auxiliary factor 2	1,0
12799734	532824	EEFSEC	eukaryotic elongation factor, selenocysteine-tRNA-specific	1,0
12721813	399559	NAPRT1	nicotinate phosphoribosyltransferase domain containing 1	1,0
12854693	523435	MRPS33	mitochondrial ribosomal protein S33	1,0
12828451	533360	ANXA7	annexin A7	1,0
12895296	614125	LOC614125	similar to Uncharacterized protein C9orf25 homolog	1,0
12779456	617338	LOC617338	similar to FLJ16008 protein	1,0
12766038	787839	MSL1	male-specific lethal 1 homolog (<i>Drosophila</i>)	1,0
12752899	533338	BCL2L12	BCL2-like 12 (proline rich)	1,0
12799116	515511	TSEN2	tRNA splicing endonuclease 2 homolog (<i>S. cerevisiae</i>)	1,0
12771729	534122	NPEPPS	aminopeptidase puromycin sensitive	1,0
12701406	534279	RPL31	ribosomal protein L31	1,0
12893105	507596	C8H9ORF156	chromosome 9 open reading frame 156 ortholog	1,0
12834147	523328	CD151	CD151 molecule (Raph blood group)	1,0
12693435	281559	UACA	uveal autoantigen with coiled-coil domains and ankyrin repeats	1,0
12770228	514123	INPP5K	inositol polyphosphate-5-phosphatase K	1,0
12755430	100301205	LOC100301205	hypothetical protein LOC100301205	1,0
12751054	511235	PRRG2	proline rich Gla (G-carboxyglutamic acid) 2	1,0
12813078	522712	VWA3A	similar to hCG2039627	1,0
12823470	281361	NRG1	neuregulin 1	1,0
12739216	510455	RBBP5	retinoblastoma binding protein 5	1,0
12740059	529930	LOC529930	similar to Probable E3 ubiquitin-protein ligase MGRN1 (Mahogunin RING finger protein 1) (RING finger protein 156)	1,0
12750129	505993	DLL3	delta-like 3 (<i>Drosophila</i>)	1,0
12778599	540098	STIP1	similar to Stress-induced-phosphoprotein 1 (STI1) (Hsc70/Hsp90-organizing protein) (Hop) (Transformation-sensitive protein IEF SSP 3521) (NY-REN-11 antigen)	1,0
12859746	516012	CCDC134	coiled-coil domain containing 134	1,0
12735579	514509	AGMAT	agmatine ureohydrolase (agmatinase)	1,0
12737954	100294818	LOC100294818	hypothetical protein LOC100294818	1,0

12763919	526651	PLD6	phospholipase D family, member 6	1,0
12790034	515302	WDR76	WD repeat domain 76	1,0
12844095	510832	CD1E	CD1e molecule	1,0
12899040	783010	LOC783010	similar to MAS proto-oncogene	1,0
12718263	494116	ST8SIA6	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 6	1,0
12874260	515375	NAAA	N-acylethanolamine acid amidase	1,0
12712804	614982	IL17D	interleukin 17D	1,0
12743632	534423	C9H12orf49	chromosome 12 open reading frame 49 ortholog	1,0
12774046	100313332	MIR2350	microRNA mir-2350	1,0
12681270	531602	KPNA6	karyopherin alpha 6 (importin alpha 7)	1,0
12883845	505159	FDX1L	ferredoxin 1-like	1,0
12855951	616515	PTPRN2	protein tyrosine phosphatase, receptor type, N polypeptide 2	1,0
12836188	287018	GNG5	guanine nucleotide binding protein (G protein), gamma 5	1,0
12777568	531699	LOC531699	similar to aldehyde oxidase 3	1,0
12744971	789714	LOC789714	similar to Ig lambda light chain leader and V-region	1,0
12880444	533356	WDR18	WD repeat domain 18	1,0
12722222	510956	RRS1	RRS1 ribosome biogenesis regulator homolog (S. cerevisiae)	1,0
12855262	536449	IQUB	IQ motif and ubiquitin domain containing	1,0
12905870	617166	LOC617166	similar to rCG38917	1,0
12830461	512373	DAK	dihydroxyacetone kinase 2 homolog (S. cerevisiae)	1,0
12816387	512170	FBXO24	F-box protein 24	1,0
12854805	528288	GIMAP6	GTPase, IMAP family member 6	1,0
12718040	281649	BLCAP	bladder cancer associated protein	1,0
12776478	514380	LOC514380	similar to Chromosome 2 open reading frame 62	1,0
12801021	100336788	LOC100336788	butyrophilin, subfamily 2, member A2-like	1,0
12741803	100336451	LOC100336451	IGL@ protein-like	1,0
12804014	787783	LOC787783	glycine N-acyltransferase-like protein 3	1,0
12897025	509282	HDHC2	HD domain containing 2	1,0
12862859	781350	LOC781350	similar to C6orf49-like protein	1,0
12691699	541281	THBS4	thrombospondin 4	1,0
12852545	789132	ACCN3	amiloride-sensitive cation channel 3	1,0
12791531	100298453	LOC100298453	similar to myeloid-associated differentiation marker	1,0
12766569	100138261	LOC100138261	hypothetical protein LOC100138261	1,0
12727049	505437	C15H11orf49	chromosome 11 open reading frame 49 ortholog	1,0
12892859	444987	NEIL2	nei like 2 (E. coli)	1,0
12690459	532711	LOC532711	similar to family with sequence similarity 98, member B	1,0
12722956	530316	UBXN2B	UBX domain protein 2B	1,0
12733529	615529	C15H11orf71	chromosome 11 open reading frame 71 ortholog	1,0
12719365	514695	NECAB3	N-terminal EF-hand calcium binding protein 3	1,0
12722301	512824	PUF60	poly-U binding splicing factor 60KDa	1,0
12801616	510124	EFHC1	EF-hand domain (C-terminal) containing 1	1,0
12793620	540994	DEGS2	degenerative spermatocyte homolog 2, lipid desaturase (Drosophila)	1,0
12753107	536561	GSK3A	glycogen synthase kinase 3 alpha	1,0
12780165	281235	IDH1	isocitrate dehydrogenase 1 (NADP+), soluble	1,0
12798651	507783	PTH1R	parathyroid hormone 1 receptor	1,0
12752141	521855	MTSS1L	metastasis suppressor 1-like	1,0
12779874	100140861	KLHL23	kelch-like 23 (Drosophila)	1,0
12860348	524622	NELL2	NEL-like 2 (chicken)	1,0
12882914	100337081	LOC100337081	CD97 antigen-like	1,0
12831676	540332	CCDC85B	coiled-coil domain containing 85B	1,0
12904823	531957	LOC531957	similar to ferritin, light polypeptide	1,0
12774520	281732	CTLA4	cytotoxic T-lymphocyte-associated protein 4	1,0
12842399	100297384	LOC100297384	hypothetical protein LOC100297384	1,0
12697000	613482	LTB4R	leukotriene B4 receptor	1,0

12746959	522380	TCHP	trichoplein, keratin filament binding	1,0
12783869	540687	GPR3	G protein-coupled receptor 3	1,0
12857956	505855	ERP27	endoplasmic reticulum protein 27	1,0
12769014	509192	DULLARD	dullard homolog (Xenopus laevis)	1,0
12762679	510539	GGA3	golgi associated, gamma adaptin ear containing, ARF binding protein 3	1,0
12824621	788329	THRB	thyroid hormone receptor, beta (erythroblastic leukemia viral (v-erb-a) oncogene homolog 2, avian)	1,0
12730060	617817	LOC617817	similar to olfactory receptor Olr144	1,0
12712647	540674	WASF3	WAS protein family, member 3	1,0
12844067	510369	LOC510369	similar to hypoxanthine phosphoribosyltransferase 1	1,0
12806269	536481	MDGA1	MAM domain containing glycosylphosphatidylinositol anchor 1	1,0
12721546	100312992	MIR124A-2	microRNA mir-124a-2	1,0
12739951	524431	LOC524431	similar to hCG1985805	1,0
12781615	515030	ACMSD	aminocarboxymuconate semialdehyde decarboxylase	1,0
12889336	504764	GRHPR	glyoxylate reductase/hydroxypyruvate reductase	1,0
12741780	100336402	LOC100336402	testis-specific protein-like	1,0
12750471	508455	LOC508455	similar to Putative steroid dehydrogenase KIK-I	1,0
12788764	100300759	LOC100300759	hypothetical protein LOC100300759	1,0
12856479	100313436	MIR677	microRNA mir-677	1,0
12870174	282360	SLC4A4	solute carrier family 4, sodium bicarbonate cotransporter, member 4	1,0
12856079	781347	LOC781347	similar to CG12279 CG12279-PA	1,0
12829529	287014	NDUFV1	NADH dehydrogenase (ubiquinone) flavoprotein 1, 51kDa	1,0
12680915	522248	DONSON	downstream neighbor of SON	1,0
12781258	511087	OBSL1	obscurin-like 1	1,0
12860953	533656	VDR	vitamin D (1,25- dihydroxyvitamin D3) receptor	1,0
12803177	538662	LSM2	LSM2 homolog, U6 small nuclear RNA associated (S. cerevisiae)	1,0
12746516	513315	PSMD9	proteasome (prosome, macropain) 26S subunit, non-ATPase, 9	1,0
12793923	783220	LOC783220	similar to ferritin L subunit	1,0
12864801	506560	C12orf10	MYG1 protein	1,0
12872140	539757	NIPAL1	NIPA-like domain containing 1	1,0
12835062	618314	TBX10	T-box 10	1,0
12719123	512451	ZHX3	zinc fingers and homeoboxes 3	1,0
12756638	509163	RPL18	ribosomal protein L18	1,0
12873299	282874	EVC	Ellis van Creveld syndrome	1,0
12790450	527651	WDR25	WD repeat domain 25	1,0
12873015	100336621	LOC100336621	glutamate receptor delta-2 subunit-like	1,0
12731409	506932	CHST1	carbohydrate (keratan sulfate Gal-6) sulfotransferase 1	1,0
12862991	783553	LOC783553	hypothetical LOC783553	1,0
12890878	528862	DNAJA1	DnaJ (Hsp40) homolog, subfamily A, member 1	1,0
12730410	788135	FOXR1	forkhead box R1	1,0
12801674	510932	SLC29A1	solute carrier family 29 (nucleoside transporters), member 1	1,0
12721383	788725	LOC788725	similar to chromosome 20 open reading frame 141	1,0
12697612	783141	LOC783141	similar to rCG58239	1,0
12835579	100300695	LOC100300695	similar to intelectin 2	1,0
12838861	521522	PEX19	peroxisomal biogenesis factor 19	1,0
12814086	617439	TNFRSF12A	tumor necrosis factor receptor superfamily, member 12A	1,0
12906512	100299061	LOC100299061	hypothetical LOC100299061	1,0
12888287	786454	MRPL34	mitochondrial ribosomal protein L34	1,0
12832953	404162	B3GAT3	beta-1,3-glucuronyltransferase 3 (glucuronosyltransferase I)	1,0
12828213	521995	DRGX	dorsal root ganglia homeobox	1,0

12857424	353300	RHEBL1	Ras homolog enriched in brain like 1	1,0
12802401	522960	LOC522960	similar to histone cluster 1, H2bk	1,0
12765829	781184	CACNG1	calcium channel, voltage-dependent, gamma subunit 1	1,0
12757267	514322	ADCK4	aarF domain containing kinase 4	1,0
12698512	281800	PROKR1	prokineticin receptor 1	1,0
12708754	100190916	LOC100190916	hypothetical LOC100190916	1,0
12705349	511447	WDR54	WD repeat domain 54	1,0
12847728	618203	TTC24	tetratricopeptide repeat domain 24	1,0
12750163	506329	ALDH16A1	aldehyde dehydrogenase 16 family, member A1	1,0
12844005	510127	MRPL37	mitochondrial ribosomal protein L37	1,0
12796360	533782	WNT7A	wingless-type MMTV integration site family, member 7A	1,0
12759661	618783	ZNF319	zinc finger protein 319	1,0
12717286	767987	WFDC11	WAP four-disulfide core domain 11	1,0
12775358	505545	BSDC1	BSD domain containing 1	1,0
12692228	777771	DIS3L	DIS3 mitotic control homolog (S. cerevisiae)-like	1,0
12875841	617018	RNF4	ring finger protein 4	1,0
12910322	617557	MMGT1	membrane magnesium transporter 1	1,0
12744584	616613	C17H12orf24	chromosome 12 open reading frame 24 ortholog	1,0
12744865	786040	HSCB	HscB iron-sulfur cluster co-chaperone homolog (E. coli)	1,0
12713098	784635	KL	klotho	1,0
12877784	505702	GTF2F1	general transcription factor IIF, polypeptide 1, 74kDa	1,0
12797719	100139031	LOC100139031	hypothetical protein LOC100139031	1,0
12809192	281300	MC4R	melanocortin 4 receptor	1,0
12797891	100336755	LOC100336755	protein tyrosine phosphatase, non-receptor type 2-like	1,0
12754404	780820	LOC780820	hypothetical protein LOC780820	1,0
12864290	327670	NDUFA6	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 6, 14kDa	1,0
12723987	100299144	LOC100299144	similar to PTPRF interacting protein alpha 1	1,0
12867117	533842	OBFC2B	oligonucleotide/oligosaccharide-binding fold containing 2B	1,0
12823252	782347	DNMBP	dynamamin binding protein	1,0
12715867	527068	LOC527068	aldo-keto reductase family 1 member C3 -like	1,0
12876877	281138	EEF2	eukaryotic translation elongation factor 2	1,0
12755634	280839	LHB	luteinizing hormone beta polypeptide	1,0
12763309	515013	SCRN2	secernin 2	1,0
12848357	789674	CAPN10	calpain 10	1,0
12835264	788530	LOC788530	similar to rCG48429	1,0
12730913	282101	TRPC2	transient receptor potential channel 2	1,0
12770792	518675	BZRAP1	benzodiazapine receptor (peripheral) associated protein 1	1,0
12827570	100337447	LOC100337447	phospholipase A2, group XIIA-like	1,0
12856664	100336976	LOC100336976	glycine cleavage system H protein, mitochondrial-like	1,0
12750381	507692	C18H19ORF63	chromosome 19 open reading frame 63 ortholog	1,0
12888054	618678	LOC618678	similar to olfactory receptor MOR231-3	1,0
12733269	540520	PGAP2	post-GPI attachment to proteins 2	1,0
12778566	539769	CNR2	cannabinoid receptor 2 (macrophage)	1,0
12698697	286864	LIPT1	lipoyltransferase 1	1,0
12863581	100297676	LOC100297676	similar to C-type lectin domain family 2, member g	1,0
12776206	511277	SPOCD1	SPOC domain containing 1	1,0
12876671	100337213	LOC100337213	egf-like module containing, mucin-like, hormone receptor-like 2-like	1,0
12733966	787428	LOC787428	similar to olfactory receptor Olr555	1,0
12810048	526711	CCDC102B	coiled-coil domain containing 102B	1,0
12756223	504913	ZNF548	zinc finger protein 548	1,0
12861706	539070	PANX2	pannexin 2	1,0
12679656	510180	MGC127133	20-beta-hydroxysteroid dehydrogenase-like	1,0
12832241	789858	KRTAP5-6	keratin associated protein 5-6	1,0

12748958	100299187	LOC100299187	similar to zinc finger protein 347	1,0
12883658	504285	SPPL2B	signal peptide peptidase-like 2B	1,0
12752250	522297	ELSPBP1	epididymal sperm binding protein 1	1,0
12835164	782297	LOC782297	similar to olfactory receptor MOR167-2	1,0
12711675	509935	PCDH9	protocadherin 9	1,0
12829298	100336979	LOC100336979	choline kinase alpha-like	1,0
12755811	282148	ATP6V0D1	ATPase, H ⁺ transporting, lysosomal 38kDa, V0 subunit d1	1,0
12698350	100337474	LOC100337474	anaphase-promoting complex subunit 2-like	1,0
12754948	790311	ZNF582	zinc finger protein 582	1,0
12854057	513213	PAXIP1	PAX interacting (with transcription-activation domain) protein 1	1,0
12744761	781142	LOC781142	similar to MGC137215 protein	1,0
12874008	511296	GAK	cyclin G associated kinase	1,0
12805515	513605	GTPBP2	GTP binding protein 2	1,0
12722339	513585	C14H8orf33	chromosome 8 open reading frame 33 ortholog	1,0
12729535	539611	RNF26	ring finger protein 26	1,0
12711128	100337484	LOC100337484	tumor necrosis factor (ligand) superfamily, member 13b-like	1,0
12899459	281574	EZR	eZRin	1,0
12805799	516797	PPT2	palmitoyl-protein thioesterase 2	1,0
12850474	520924	NUP205	nucleoporin 205kDa	1,0
12795069	509354	NME6	non-metastatic cells 6, protein expressed in (nucleoside-diphosphate kinase)	1,0
12853104	281782	GHRHR	growth hormone releasing hormone receptor	1,0
12779228	614993	LOC614993	hypothetical protein LOC614993	1,0
12728101	515758	TTC12	tetratricopeptide repeat domain 12	1,0
12766692	100295228	LOC100295228	hypothetical protein LOC100295228	1,0
12726362	100140923	LOC100140923	similar to nucleoporin 98kD	1,0
12862891	781850	LOC781850	similar to THAP domain containing, apoptosis associated protein 2	1,0
12773057	618340	NARF	nuclear prelamin A recognition factor	1,0
12690242	530151	DUOXA1	dual oxidase maturation factor 1	1,0
12717330	782020	PTER	phosphotriesterase related	1,0
12763474	516150	AMAC1L3	acyl-malonyl condensing enzyme 1-like 3	1,0
12863876	100337019	LOC100337019	receptor for egg jelly-like protein-like	1,0
12866856	531276	LOC531276	similar to dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 4	1,0
12858814	510132	XRCC6	X-ray repair complementing defective repair in Chinese hamster cells 6	1,0
12841460	618154	MEX3A	mex-3 homolog A (C. elegans)	1,0
12781990	520423	HOXD12	homeobox D12	1,0
12868908	768048	C5H12orf62	chromosome 12 open reading frame 62 ortholog	1,0
12821501	282069	SFRP5	secreted frizzled-related protein 5	1,0
12760225	100138267	SEN3	SUMO1/sentrin/SMT3 specific peptidase 3	1,0
12804916	505390	FARS2	phenylalanyl-tRNA synthetase 2, mitochondrial	1,0
12727077	505653	MS4A1	membrane-spanning 4-domains, subfamily A, member 1	1,0
12892335	100140088	LOC100140088	hypothetical protein LOC100140088	1,0
12903879	513043	NXT2	nuclear transport factor 2-like export factor 2	1,0
12818518	768040	AP4M1	adaptor-related protein complex 4, mu 1 subunit	1,0
12906383	100138824	LOC100138824	hypothetical protein LOC100138824	1,0
12730550	100298880	LOC100298880	similar to Ssu72 RNA polymerase II CTD phosphatase homolog	1,0
12833745	514457	LOC514457	similar to calmodulin 2	1,0
12713077	782050	RNF219	ring finger protein 219	1,0
12801653	510825	PPP1R10	protein phosphatase 1, regulatory (inhibitor) subunit 10	1,0
12908846	524115	GABRE	gamma-aminobutyric acid (GABA) A receptor, epsilon	1,0
12715664	523627	ADAM33	ADAM metallopeptidase domain 33	1,0

12903971	513925	LOC513925	similar to ferritin heavy chain	1,0
12909518	536148	SFRS17A	splicing factor, arginine/serine-rich 17A	1,0
12834624	537776	LOC537776	hypothetical LOC537776	1,0
12910654	785599	LOC785599	similar to cellular nucleic acid binding protein	1,0
12797815	100335690	LOC100335690	hypothetical protein LOC100335690	1,0
12700208	516730	OLFML2A	olfactomedin-like 2A	1,0
12831982	618106	CNIH2	cornichon homolog 2 (Drosophila)	1,0
12910066	613918	TMEM28	similar to transmembrane protein 28	1,0
12687460	788769	CCDC14	coiled-coil domain containing 14	1,0
12708839	100336509	LOC100336509	hypothetical protein LOC100336509	1,0
12883393	327682	GNB2L1	guanine nucleotide binding protein (G protein), beta polypeptide 2-like 1	1,0
12814258	618020	C25H16orf14	chromosome 16 open reading frame 14 ortholog	1,0
12724894	511839	ATP6V0D2	ATPase, H ⁺ transporting, lysosomal 38kDa, V0 subunit d2	1,0
12814199	617916	TFR2	transferrin receptor 2	1,0
12702836	617299	OTOF	otoferlin	1,0
12694781	514414	DUOXA2	dual oxidase maturation factor 2	1,0
12900842	533135	RSPH3	radial spoke 3 homolog (Chlamydomonas)	1,0
12876629	100337112	LOC100337112	protocadherin gamma subfamily A, 4-like	1,0
12771990	536456	STAC2	SH3 and cysteine rich domain 2	1,0
12880555	534006	FAM53C	family with sequence similarity 53, member C	1,0
12728855	531987	MS4A2	membrane-spanning 4-domains, subfamily A, member 2 (Fc fragment of IgE, high affinity I, receptor for; beta polypeptide)	1,0
12733800	781657	MGC152383	Uncharacterized protein LOC100131378 homolog	1,0
12752508	528338	ZFPM1	zinc finger protein, multitype 1	1,0
12883127	281144	EPOR	erythropoietin receptor	1,0
12818601	785953	LOC785953	similar to fructose-1,6-bisphosphate aldolase A	1,0
12720683	539114	CBLN4	cerebellin 4 precursor	1,0
12768801	508463	SDF2	stromal cell-derived factor 2	1,0
12732287	519176	LOC519176	similar to olfactory receptor 598	1,0
12771213	526866	LOC526866	similar to hCG1653800	1,0
12790233	520956	FAM108C1	abhydrolase domain-containing protein FAM108C1	1,0
12909582	536745	GPKOW	G patch domain and KOW motifs	1,0
12791173	615739	SLC24A4	solute carrier family 24 (sodium/potassium/calcium exchanger), member 4	1,0
12703154	783763	LHX2	LIM homeobox 2	1,0
12807311	100299139	LOC100299139	similar to glutamine synthetase	1,0
12727971	515187	CTNND1	catenin (cadherin-associated protein), delta 1	1,0
12856906	281487	SILV	silver homolog (mouse)	1,0
12865664	512943	MAPK12	mitogen-activated protein kinase 12	1,0
12729282	536960	LOC536960	similar to cytochrome b5 reductase 2	1,0
12878569	510603	LOC510603	similar to olfactory receptor, family 2, subfamily T, member 11	1,0
12718797	508271	DSN1	DSN1, MIND kinetochore complex component, homolog (S. cerevisiae)	1,0
12799036	514666	APEH	N-acylaminoacyl-peptide hydrolase	1,0
12803267	539910	TFAP2D	transcription factor AP-2 delta (activating enhancer binding protein 2 delta)	1,0
12705458	512311	SLC5A7	solute carrier family 5 (choline transporter), member 7	1,0
12861922	540180	COPS8	COP9 constitutive photomorphogenic homolog subunit 8 (Arabidopsis)	1,0
12856420	100299671	LOC100299671	similar to COP9 signalosome subunit 8	1,0
12683976	507496	HGD	homogentisate 1,2-dioxygenase (homogentisate oxidase)	1,0
12757517	518659	RPGRIP1L	RPGRIP1-like	1,0
12765052	539696	HEXIM1	hexamethylene bis-acetamide inducible 1	1,0
12868384	615189	CCDC59	coiled-coil domain containing 59	1,0

12858536	508008	WNT5B	wingless-type MMTV integration site family, member 5B	1,0
12886346	530616	TCF7L1	transcription factor 7-like 1 (T-cell specific, HMG-box)	1,0
12746776	516510	GLT1D1	glycosyltransferase 1 domain containing 1	1,0
12715331	517783	RSPO4	R-spondin family, member 4	1,0
12771233	527539	LRRC48	leucine rich repeat containing 48	1,0
12746814	517688	ORAI1	ORAI calcium release-activated calcium modulator 1	1,0
12738808	505051	TAF1A	TATA box binding protein (TBP)-associated factor, RNA polymerase I, A, 48kDa	1,0
12841932	788142	MGC152321	similar to KIAA0454 protein	1,0
12741732	100297935	LOC100297935	hypothetical protein LOC100297935	1,0
12717171	618339	LOC618339	similar to cytochrome c oxidase subunit IV	1,0
12833499	510968	FIBP	fibroblast growth factor (acidic) intracellular binding protein	1,0
12709303	508208	LATS2	LATS, large tumor suppressor, homolog 2 (Drosophila)	1,0
12797806	100313319	MIR885	microRNA mir-885	1,0
12754045	617937	CD3EAP	CD3e molecule, epsilon associated protein	1,0
12721184	781700	LOC781700	hypothetical protein LOC781700	1,0
12678642	281640	ATP5O	ATP synthase, H ⁺ transporting, mitochondrial F1 complex, O subunit	1,0
12791210	617177	LOC617177	hypothetical LOC617177	1,0
12694561	511371	SIX1	SIX homeobox 1	1,0
12727962	515066	LRTOMT	leucine rich transmembrane and O-methyltransferase domain containing	1,0
12804273	100313289	MIR2378	microRNA mir-2378	1,0
12907389	504389	LOC504389	TFIIS central domain-containing protein 1	1,0
12705423	512019	ANGPTL2	angiopoietin-like 2	1,0
12896049	786143	LOC786143	similar to Vacuolar ATP synthase 16 kDa proteolipid subunit	1,0
12784378	616724	NIPAL3	NIPA-like domain containing 3	1,0
12892225	786878	LOC786878	Transmembrane protein C9orf134 homolog	1,0
12781192	510833	COL3A1	collagen, type III, alpha 1	1,0
12879317	517394	ZNRF4	zinc and ring finger 4	1,0
12904543	525558	KLF8	Kruppel-like factor 8	1,0
12718233	404165	NOP56	NOP56 ribonucleoprotein homolog (yeast)	1,0
12753634	614194	CTU2	cytosolic thiouridylase subunit 2 homolog (S. pombe)	1,0
12834940	616332	LOC616332	hypothetical LOC616332	1,0
12731703	511064	FXVD6	FXVD domain containing ion transport regulator 6	1,0
12890347	515468	LOC515468	similar to GTP-binding nuclear protein Ran (GTPase Ran) (Ras-like protein TC4) (Androgen receptor-associated protein 24)	1,0
12815400	504506	RNPS1	RNA binding protein S1, serine-rich domain	1,0
12874442	519695	FBXL5	F-box and leucine-rich repeat protein 5	1,0
12776921	521383	PLA2G2A	phospholipase A2, group IIA (platelets, synovial fluid)	1,0
12784855	100296992	LOC100296992	hypothetical protein LOC100296992	1,0
12883030	100337456	LOC100337456	butyrophilin-like 9-like	1,0
12755468	100335352	LOC100335352	hypothetical protein LOC100335352	1,0
12679374	507577	EAF1	ELL associated factor 1	1,0
12738867	505686	LAD1	ladinin 1	1,0
12906346	100125581	ZNF75D	zinc finger protein 75D	1,0
12910289	616260	LOC616260	similar to Protein Shroom2 (Apical-like protein) (Protein APXL)	1,0
12753517	540613	ZNF507	zinc finger protein 507	1,0
12904442	523101	ANKRD58	ankyrin repeat domain 58	1,0
12909324	534848	POLA1	polymerase (DNA directed), alpha 1, catalytic subunit	1,0
12830101	508359	MRPL49	mitochondrial ribosomal protein L49	1,0
12882368	787381	PCDHA11	protocadherin alpha 11	1,0
12882240	784508	RTBDN	retbindin	1,0
12714872	513094	MGC143140	LAMP family protein C20orf103 homolog	1,0

12775528	507010	COL16A1	collagen, type XVI, alpha 1	1,0
12749458	282363	SLC6A2	solute carrier family 6 (neurotransmitter transporter, noradrenalin), member 2	1,0
12882177	781514	ZSWIM4	zinc finger, SWIM-type containing 4	1,0
12776881	519920	EIF4E2	eukaryotic translation initiation factor 4E family member 2	1,0
12807072	784711	TREML1	triggering receptor expressed on myeloid cells-like 1	1,0
12847893	774026	CRCT1	cysteine-rich C-terminal 1	1,0
12742242	506776	LZTR1	leucine-zipper-like transcription regulator 1	1,0
12860974	533680	POU6F1	POU class 6 homeobox 1	1,0
12713449	100336429	LOC100336429	ubiquitin-conjugating enzyme E2D 3-like	1,0
12888045	618656	LOC618656	similar to marapsin 2	1,0
12844977	516584	HIAT1	hippocampus abundant transcript 1	1,0
12718683	507365	NET1	neuroepithelial cell transforming gene 1	1,0
12848395	791017	MIR30E	microRNA mir-30e	1,0
12834446	533578	NUDT22	nudix (nucleoside diphosphate linked moiety X)-type motif 22	1,0
12687370	786080	CCDC14	coiled-coil domain containing 14	1,0
12761345	369023	G6PC3	glucose 6 phosphatase, catalytic, 3	1,0
12748046	615386	HPS4	Hermansky-Pudlak syndrome 4	1,0
12811640	450206	AQP8	aquaporin 8	1,0
12702080	539467	PKDCC	protein kinase domain containing, cytoplasmic homolog (mouse)	1,0
12804814	504558	CUL7	cullin 7	1,0
12708822	100313126	MIR2303	microRNA mir-2303	1,0
12892810	282447	BICD2	bicaudal D homolog 2 (Drosophila)	1,0
12790060	515593	MAP1A	microtubule-associated protein 1A	1,0
12782495	528048	ACTL8	actin-like 8	1,0
12825460	538615	THAP1	THAP domain containing, apoptosis associated protein 1	1,0
12903302	505324	UTP14A	UTP14, U3 small nucleolar ribonucleoprotein, homolog A (yeast)	1,0
12689110	512726	SHF	Src homology 2 domain containing F	1,0
12742481	510821	SFRP2	secreted frizzled-related protein 2	1,0
12759081	614078	C18H16ORF61	chromosome 16 open reading frame 61 ortholog	1,0
12843378	505684	ATP6V0B	ATPase, H ⁺ transporting, lysosomal 21kDa, V0 subunit b	1,0
12713447	100336417	LOC100336417	ubiquitin-conjugating enzyme E2D 3-like	1,0
12730433	788750	LOC788750	similar to olfactory receptor 586 (predicted)	1,0
12770457	515228	MRPS23	mitochondrial ribosomal protein S23	1,0
12847683	617599	PROK1	prokineticin 1	1,0
12905648	613970	LOC613970	similar to ribosomal protein S3a	1,0
12793107	532910	LRRC28	leucine rich repeat containing 28	1,0
12864004	281557	TXN2	thioredoxin 2	1,0
12904056	515148	GPR173	G protein-coupled receptor 173	1,0
12901552	784208	RPS4Y2	ribosomal protein S4, Y-linked 2	1,0
12839443	530059	SH2D2A	SH2 domain protein 2A	1,0
12716263	534231	RPN2	ribophorin II	1,0
12880148	527275	MADCAM1	mucosal vascular addressin cell adhesion molecule 1	1,0
12866701	525042	GPD1	glycerol-3-phosphate dehydrogenase 1 (soluble)	1,0
12865819	513782	PRPF40B	PRP40 pre-mRNA processing factor 40 homolog B (S. cerevisiae)	1,0
12889735	507997	FAM120A	constitutive coactivator of PPAR-gamma-like protein 1	1,0
12705696	514355	CCT7	chaperonin containing TCP1, subunit 7 (eta)	1,0
12857146	282324	PRKAG1	protein kinase, AMP-activated, gamma 1 non-catalytic subunit	1,0
12724623	508492	GSDMC	gasdermin C	1,0
12828879	616082	DUPD1	dual specificity phosphatase and pro isomerase domain containing 1	1,0

12863671	100336389	LOC100336389	ribosomal protein L38-like	1,0
12890715	524909	LOC524909	similar to GLIS family zinc finger 3	1,0
12768543	507525	VTN	vitronectin	1,0
12823678	506281	IDO1	indoleamine 2,3-dioxygenase 1	1,0
12754423	781217	ATMIN	ATM interactor	1,0
12845831	529388	UBL4B	ubiquitin-like 4B	1,0
12816796	515661	SPSB3	splA/ryanodine receptor domain and SOCS box containing 3	1,0
12694260	508989	SLC39A2	solute carrier family 39 (zinc transporter), member 2	1,0
12900780	530164	SLC17A5	solute carrier family 17 (anion/sugar transporter), member 5	1,0
12701003	526655	FER1L5	fer-1-like 5 (C. elegans)	1,0
12893658	513555	LOC513555	similar to KIAA0368 protein	1,0
12756760	510284	LDHD	lactate dehydrogenase D	1,0
12793821	617455	CCDC85C	coiled-coil domain containing 85C	1,0
12807002	780995	LOC780995	hypothetical LOC780995	1,0
12878644	511086	CRLF1	cytokine receptor-like factor 1	1,0
12774590	282299	PAFAH2	platelet-activating factor acetylhydrolase 2, 40kDa	1,0
12798942	512530	SEC13	SEC13 homolog (S. cerevisiae)	1,0
12759624	618521	ADAT1	adenosine deaminase, tRNA-specific 1	1,0
12759536	618375	FANCA	Fanconi anemia, complementation group A	1,0
12745105	100297399	LOC100297399	hypothetical protein LOC100297399	1,0
12747177	530174	RNF215	ring finger protein 215	1,0
12716068	529805	CABLES2	Cdk5 and Abl enzyme substrate 2	1,0
12700568	521137	LRRTM4	leucine rich repeat transmembrane neuronal 4	1,0
12697816	787359	DPF3	D4, zinc and double PHD fingers, family 3	1,0
12749473	282415	CLEC3A	C-type lectin domain family 3, member A	1,0
12681363	533187	BBX	bobby sox homolog (Drosophila)	1,0
12876337	100295951	LOC100295951	hypothetical protein LOC100295951	1,0
12900692	526888	EPM2A	epilepsy, progressive myoclonus type 2A, Lafora disease (laforin)	1,0
12866155	515773	CYB5R3	cytochrome b5 reductase 3	1,0
12680123	513348	TXNDC6	thioredoxin domain containing 6	1,0
12714094	505524	DNTTIP1	deoxynucleotidyltransferase, terminal, interacting protein 1	1,0
12838696	517126	LOC517126	similar to Fc receptor-like protein 5 precursor (FcR-like protein 5) (FcRL5) (Fc receptor homolog 5) (FcRH5) (Immunoglobulin receptor translocation-associated gene 2 protein) (BXMAS1) (CD307 antigen)	1,0
12842835	282701	ATP5F1	ATP synthase, H ⁺ transporting, mitochondrial F0 complex, subunit B1	1,0
12826475	527123	MYPN	myopalladin	1,0
12900080	512043	TCP1	t-complex 1	1,0
12754712	787075	BOSTAUV1R420	vomeroneasal 1 receptor bosTauV1R420	1,0
12773248	768240	HOXB4	homeobox B4	1,0
12699754	512024	MGC139698	hypothetical LOC512024	1,0
12783733	539672	ASNSD1	asparagine synthetase domain containing 1	1,0
12811209	100336677	LOC100336677	intestinal mucin-like	1,0
12759663	618894	ZNF581	zinc finger protein 581	1,0
12858852	510267	TMPO	thymopoietin	1,0
12792456	513994	LRRK1	leucine-rich repeat kinase 1	1,0
12879073	514598	PCYOX1L	prenylcysteine oxidase 1 like	1,0
12893728	513962	LOC513962	hypothetical LOC513962	1,0
12717023	616407	SLC24A3	solute carrier family 24 (sodium/potassium/calcium exchanger), member 3	1,0
12761324	353217	SLC35B1	solute carrier family 35, member B1	1,0
12720261	532597	WAC	WW domain containing adaptor with coiled-coil	1,0
12842960	373543	STK25	serine/threonine kinase 25 (STE20 homolog, yeast)	1,0
12716489	535824	MYO3A	myosin IIIA	1,0

12771176	525572	GPS1	G protein pathway suppressor 1	1,0
12883531	407106	FCER2	Fc fragment of IgE, low affinity II, receptor for (CD23)	1,0
12816560	513273	LOC513273	similar to Williams-Beuren syndrome chromosomal region 16 protein (RCC1-like G exchanging factor-like protein)	1,0
12835883	281489	SLAMF1	signaling lymphocytic activation molecule family member 1	1,0
12791347	784089	ADSSL1	adenylosuccinate synthase like 1	1,0
12870952	513972	MED28	mediator complex subunit 28	1,0
12896904	506430	VTA1	Vps20-associated 1 homolog (S. cerevisiae)	1,0
12802588	527833	CAGE1	cancer antigen 1	1,0
12697585	781584	LOC781584	similar to T-cell receptor alpha chain V region HPB-MLT	1,0
12829453	282384	TM7SF2	transmembrane 7 superfamily member 2	1,0
12691334	540420	TINF2	TERF1 (TRF1)-interacting nuclear factor 2	1,0
12895022	539392	PDCD1LG2	programmed cell death 1 ligand 2	1,0
12792605	516375	STRN3	striatin, calmodulin binding protein 3	1,0
12735818	517433	TNN	tenascin N	1,0
12904062	515177	TAZ	tafazzin	1,0
12860963	533672	WIF1	WNT inhibitory factor 1	1,0
12874670	528769	NAA11	N(alpha)-acetyltransferase 11, NatA catalytic subunit	1,0
12766928	100337235	LOC100337235	NME1-NME2 protein-like	1,0
12811186	100313180	MIR2383	microRNA mir-2383	1,0
12848297	787895	LOC787895	similar to cAMP-regulated phosphoprotein 19	1,0
12829684	504370	CEND1	cell cycle exit and neuronal differentiation 1	1,0
12704298	504501	LOC504501	similar to Olfactory receptor 1J4 (Olfactory receptor OR9-21) (HTPCRX01)	1,0
12909729	538872	LOC538872	similar to Dual specificity protein phosphatase 18 (Low molecular weight dual specificity phosphatase 20)	1,0
12849613	507423	LOC507423	similar to olfactory receptor Olr818	1,0
12688135	282474	SLC24A1	solute carrier family 24 (sodium/potassium/calcium exchanger), member 1	1,0
12846428	534728	LRRC42	leucine rich repeat containing 42	1,0
12867761	538821	COQ10A	coenzyme Q10 homolog A (S. cerevisiae)	1,0
12801630	510220	CNPY3	canopy 3 homolog (zebrafish)	1,0
12699001	504908	DOLPP1	dolichyl pyrophosphate phosphatase 1	1,0
12800400	614548	GADL1	glutamate decarboxylase-like 1	1,0
12759580	618391	LOC618391	similar to OSJNBa0006B20.10	1,0
12904500	523820	LOC523820	similar to Y-box protein ZONAB-B	1,0
12812518	514154	NAT15	N-acetyltransferase 15 (GCN5-related, putative)	1,0
12706322	525389	MED27	mediator complex subunit 27	1,0
12729956	615430	PARVA	parvin, alpha	1,0
12734776	407111	FASLG	Fas ligand	1,0
12678420	100336933	LOC100336933	copine IV-like	1,0
12812346	512227	ACSM2A	acyl-CoA synthetase medium-chain family member 2A	1,0
12899230	100336390	LOC100336390	hypothetical protein LOC100336390	1,0
12782451	527624	4-Mar	membrane-associated ring finger (C3HC4) 4	1,0
12809653	514046	RPL17	ribosomal protein L17	1,0
12840557	538875	MYBPHL	myosin binding protein H-like	1,0
12905462	540357	CHST7	carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 7	1,0
12873212	281499	SPP1	secreted phosphoprotein 1	1,0
12834366	532772	LTBP3	latent transforming growth factor beta binding protein 3	1,0
12902467	100299038	LOC100299038	similar to eukaryotic translation initiation factor 3, subunit M	1,0
12698421	281060	CD8A	CD8a molecule	1,0
12802321	520488	PACSIN1	protein kinase C and casein kinase substrate in neurons 1	1,0

12803210	539371	ZBTB9	zinc finger and BTB domain containing 9	1,0
12905908	617648	LOC617648	similar to chromosome X open reading frame 40	1,0
12877139	282563	PROP1	PROP paired-like homeobox 1	1,0
12902629	100336550	LOC100336550	hypothetical protein LOC100336550	1,0
12863934	281032	BTG1	B-cell translocation gene 1, anti-proliferative	1,0
12879784	523609	PRELID1	PRELI domain containing 1	1,0
12723121	534165	EIF3E	eukaryotic translation initiation factor 3, subunit E	1,0
12903726	511596	NDP	Norrie disease (pseudoglioma)	1,0
12873696	507193	ADD1	adducin 1 (alpha)	1,0
12883143	281217	GUK1	guanylate kinase 1	1,0
12773430	784532	LOC784532	hypothetical LOC784532	1,0
12793614	540720	MRPL46	mitochondrial ribosomal protein L46	1,0
12886099	527829	MAP1S	microtubule-associated protein 1S	1,0
12860511	527084	CCDC77	coiled-coil domain containing 77	1,0
12717357	783163	LOC783163	similar to protein phosphatase 4, regulatory subunit 1	1,0
12872707	782369	LOC782369	hypothetical LOC782369	1,0
12766938	100337307	LOC100337307	neurexophilin 3-like	1,0
12713521	100337428	LOC100337428	ubiquitin-conjugating enzyme E2D 3-like	1,0
12865592	512514	CD27	CD27 molecule	1,0
12821199	100295097	LOC100295097	hypothetical protein LOC100295097	1,0
12831776	613968	CLNS1A	chloride channel, nucleotide-sensitive, 1A	1,0
12816948	517006	GNG13	guanine nucleotide binding protein (G protein), gamma 13	1,0
12723941	100294758	LOC100294758	similar to zinc finger protein 347	1,0
12782226	523291	SCTR	secretin receptor	1,0
12730086	618675	LOC618675	similar to olfactory receptor 1231	1,0
12858784	509936	ADCY6	adenylate cyclase 6	1,0
12910353	767881	LOC767881	hypothetical protein LOC767881	1,0
12834289	529792	CRLF2	cytokine receptor-like factor 2	1,0
12881807	616090	MBD3	methyl-CpG binding domain protein 3	1,0
12737613	768066	C16H1orf49	chromosome 1 open reading frame 49 ortholog	1,0
12756400	506380	KLK7	kallikrein-related peptidase 7	1,0
12801026	100336942	LOC100336942	nucleotide-binding oligomerization domain containing 1-like	1,0
12786787	100336494	LOC100336494	zinc finger protein 131-like	1,0
12702562	614564	ZNF79	zinc finger protein 79	1,0
12733837	782960	LOC782960	similar to MOR 3Beta4	1,0
12895030	539548	CNTFR	ciliary neurotrophic factor receptor	1,0
12746075	508389	RFC5	replication factor C (activator 1) 5, 36.5kDa	1,0
12806338	537895	PKHD1	polycystic kidney and hepatic disease 1 (autosomal recessive)	1,0
12751965	518737	WDR88	WD repeat domain 88	1,0
12846968	539835	HSPA6	heat shock 70kDa protein 6 (HSP70B')	1,0
12733572	616441	THYN1	thymocyte nuclear protein 1	1,0
12760992	282187	COL1A1	collagen, type I, alpha 1	1,0
12868370	614947	LOH12CR1	loss of heterozygosity, 12, chromosomal region 1	1,0
12693390	280815	NPC2	Niemann-Pick disease, type C2	1,0
12856873	281291	M6PR	mannose-6-phosphate receptor (cation dependent)	1,0
12817033	518768	LOC518768	similar to Nuclear envelope pore membrane protein POM 121 (Pore membrane protein of 121 kDa) (P145)	1,0
12800604	768058	ACY1	aminoacylase 1	1,0
12687517	100126076	APIG2	adaptor-related protein complex 1, gamma 2 subunit	1,0
12828291	525329	NCOA4	nuclear receptor coactivator 4	1,0
12800988	100300346	LOC100300346	similar to zinc finger protein 76 (expressed in testis)	1,0
12730165	781864	CRTAM	cytotoxic and regulatory T cell molecule	1,0
12733826	782668	LOC782668	similar to ribosomal protein L6-like	1,0
12863421	100140117	LOC100140117	hypothetical protein LOC100140117	1,0
12850958	531996	LOC531996	similar to Expressed sequence AI847670	1,0

12807369	100336007	LOC100336007	serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 12-like	1,0
12868243	613573	HOXC12	homeobox C12	1,0
12736963	538472	METTL13	methyltransferase like 13	1,0
12683587	338061	NDUFB5	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 5, 16kDa	1,0
12910512	783265	LOC783265	similar to Zinc finger X-linked protein ZXDB	1,0
12735343	509133	MIA3	melanoma inhibitory activity family, member 3	1,0
12784970	100313050	MIR449B	microRNA mir-449b	1,0
12910797	789863	LOC789863	similar to melanoma antigen family B, 4	1,0
12770922	519675	C1QL1	complement component 1, q subcomponent-like 1	1,0
12829333	100337425	LOC100337425	hCG1990491-like	1,0
12807083	785639	LOC785639	similar to olfactory receptor, family 12, subfamily D, member 2	1,0
12746728	515517	LOC515517	similar to La ribonucleoprotein domain family, member 2	1,0
12881571	614048	BRD4	bromodomain containing 4	1,0
12755154	100139805	LOC100139805	hypothetical protein LOC100139805	1,0
12810843	100126179	ZNF75A	zinc finger protein 75a	1,0
12702278	540500	GALNT14	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylglactosaminyltransferase 14 (GalNAc-T14)	1,0
12896222	100140056	CLDN20	claudin 20	1,0
12784061	613445	MREG	melanoregulin	1,0
12799902	535455	TEX264	testis expressed 264	1,0
12811041	100297063	LOC100297063	hypothetical protein LOC100297063	1,0
12821736	506045	ATAD1	ATPase family, AAA domain containing 1	1,0
12815150	280875	CPSF4	cleavage and polyadenylation specific factor 4, 30kDa	1,0
12878922	513410	HNRNPAB	heterogeneous nuclear ribonucleoprotein A/B	1,0
12786589	615865	BRD9	bromodomain containing 9	1,0
12877974	506656	C1orf35	chromosome 1 open reading frame 35	1,0
12688778	509857	PSME2	proteasome (prosome, macropain) activator subunit 2 (PA28 beta)	1,0
12719506	516004	MRPS26	mitochondrial ribosomal protein S26	1,0
12879394	519492	LOC519492	similar to mCG52335	1,0
12682484	616567	C1H3orf26	chromosome 3 open reading frame 26 ortholog	1,0
12817967	538173	PGP	phosphoglycolate phosphatase	1,0
12844877	515238	RPL5	ribosomal protein L5	1,0
12847354	614557	RWDD3	RWD domain containing 3	1,0
12864896	507180	PHF5A	PHD finger protein 5A	1,0
12876122	789389	WHSC2	Wolf-Hirschhorn syndrome candidate 2	1,0
12874289	515768	FABP2	fatty acid binding protein 2, intestinal	1,0
12874936	533177	SCARB2	scavenger receptor class B, member 2	1,0
12713555	280814	HCK	hemopoietic cell kinase	1,0
12765816	768016	TOB1	transducer of ERBB2, 1	1,0
12901980	784954	LOC784954	similar to olfactory receptor Olf834	1,0
12865632	512692	RRP7A	ribosomal RNA processing 7 homolog A (S. cerevisiae)	1,0
12884890	511427	KRI1	KRI1 homolog (S. cerevisiae)	1,0
12710236	536153	GPC6	glypican 6	1,0
12720749	540147	CDH22	cadherin 22, type 2	1,0
12842468	100336664	LOC100336664	ferric-chelate reductase 1-like	1,0
12794199	100296605	LOC100296605	similar to slit homolog 3	1,0
12794901	507878	SCAP	SREBF chaperone	1,0
12724777	509952	DECR1	2,4-dienoyl CoA reductase 1, mitochondrial	1,0
12894591	533577	LOC533577	similar to Chromosome 9 open reading frame 40	1,0
12817777	534485	C16ORF35	conserved gene telomeric to alpha globin cluster	1,0
12704936	509188	WBP1	WW domain binding protein 1	1,0
12684912	518139	LOC518139	similar to RRP15-like protein (Ribosomal RNA-processing protein 15)	1,0
12741260	616779	RABIF	RAB interacting factor	1,0

12717077	617376	APCDD1L	adenomatosis polyposis coli down-regulated 1-like	1,0
12696405	537972	SPTLC2	serine palmitoyltransferase, long chain base subunit 2	1,0
12861772	539630	CYP27B1	cytochrome P450, family 27, subfamily B, polypeptide 1	1,0
12713603	281427	PRNP	prion protein (p27-30) (Creutzfeldt-Jakob disease, Gerstmann-Strausler-Scheinker syndrome, fatal familial insomnia)	1,0
12760450	100301295	LOC100301295	hypothetical LOC100301295	1,0
12779783	789626	LOC789626	similar to Signal-induced proliferation-associated 1-like protein 1 (High-risk human papilloma viruses E6 oncoproteins targeted protein 1) (E6-targeted protein 1)	1,0
12833908	517425	SLC25A45	solute carrier family 25, member 45	1,0
12745778	505842	AACS	acetoacetyl-CoA synthetase	1,0
12691879	614538	DAD1	defender against cell death 1	1,0
12860859	532644	KRT71	keratin 71	1,0
12747983	614238	DENR	density-regulated protein	1,0
12695445	524770	ACTN1	actinin, alpha 1	1,0
12681014	524189	UMODL1	uromodulin-like 1	1,0
12710363	538956	SLAIN1	SLAIN motif family, member 1	1,0
12684644	514566	PRDM15	PR domain containing 15	1,0
12778650	540478	FIGN	fidgetin	1,0
12898565	539966	ZBTB24	zinc finger and BTB domain containing 24	1,0
12820507	535243	CYP2C18	cytochrome P450, family 2, subfamily C, polypeptide 18	1,0
12861962	540473	ASCL1	achaete-scute complex homolog 1 (Drosophila)	1,0
12718967	511259	MGC148692	hypothetical LOC511259	1,0
12886461	532933	UPF1	UPF1 regulator of nonsense transcripts homolog (yeast)	1,0
12678251	100141020	KRTAP27-1	keratin associated protein 27-1	1,0
12719760	519729	ADRM1	adhesion regulating molecule 1	1,0
12696530	538873	PSMB11	proteasome (prosome, macropain) subunit, beta type, 11	1,0
12846641	537221	UFC1	ubiquitin-fold modifier conjugating enzyme 1	1,0
12881965	618265	GIPC3	GIPC PDZ domain containing family, member 3	1,0
12848397	791063	MIR30C	microRNA mir-30c	1,0
12859364	513843	MLF2	myeloid leukemia factor 2	1,0
12789727	510865	TUBGCP4	tubulin, gamma complex associated protein 4	1,0
12863971	281341	MYL6	myosin, light chain 6, alkali, smooth muscle and non-muscle	1,0
12741507	787623	LOC787623	similar to Homeobox and leucine zipper encoding	1,0
12743870	535566	VPS37B	vacuolar protein sorting 37 homolog B (S. cerevisiae)	1,0
12854591	521504	LOC521504	similar to jumonji C domain containing histone demethylase 1 homolog D	1,0
12884968	511926	MRPL54	mitochondrial ribosomal protein L54	1,0
12758020	524652	C18H16orf48	chromosome 16 open reading frame 48 ortholog	1,0
12730790	281637	ARRB1	arrestin, beta 1	1,0
12891786	614496	R3HCC1	R3H domain and coiled-coil containing 1	1,0
12777652	532412	SGOL2	shugoshin-like 2 (S. pombe)	1,0
12877704	505497	QTRT1	queuine tRNA-ribosyltransferase 1	1,0
12851470	538709	CLDN12	claudin 12	1,0
12849682	508728	DDX56	DEAD (Asp-Glu-Ala-Asp) box polypeptide 56	1,0
12854964	533550	ZC3HC1	zinc finger, C3HC-type containing 1	1,0
12808791	618684	MBP	myelin basic protein	1,0
12905653	614241	RPS4X	ribosomal protein S4, X-linked	1,0
12882470	789485	LOC789485	similar to Notch homolog 3	1,0
12755157	100140115	LOC100140115	hypothetical protein LOC100140115	1,0
12802377	520748	IFITM3	interferon induced transmembrane protein 3 (1-8U)	1,0
12791662	281832	HSP90AA1	heat shock 90kD protein 1, alpha	1,0
12709585	512596	A2LD1	AIG2-like domain 1	1,0
12852748	100313386	MIR584-5	microRNA mir-584-5	1,0

12901929	281013	ASMT	acetylserotonin O-methyltransferase	1,0
12853801	510567	TMEM209	transmembrane protein 209	1,0
12802282	518176	ZNF323	zinc finger protein 323	1,0
12801255	326602	RPS18	ribosomal protein S18	1,0
12836065	282466	S100A10	S100 calcium-binding protein A10	1,0
12764280	532242	RFNG	RFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase	1,0
12777296	527807	FBXO42	F-box protein 42	1,0
12757791	520302	VRK3	vaccinia related kinase 3	1,0
12888019	618331	LOC618331	similar to PLAC8-like protein 1	1,0
12696608	539205	BRUNOL6	bruno-like 6, RNA binding protein (Drosophila)	1,0
12748325	784783	LOC784783	similar to GTP-binding nuclear protein Ran (GTPase Ran) (Ras-like protein TC4) (Androgen receptor-associated protein 24)	1,0
12726963	497021	CXCR5	chemokine (C-X-C motif) receptor 5	1,0
12734488	281168	FMOD	fibromodulin	1,0
12708169	617008	LOC617008	hypothetical LOC617008	1,0
12822711	534470	LBX1	ladybird homeobox 1	1,0
12761609	504937	PSMD3	proteasome (prosome, macropain) 26S subunit, non-ATPase, 3	1,0
12891526	539580	TUSC1	tumor suppressor candidate 1	1,0
12853398	504248	PRPS1L1	phosphoribosyl pyrophosphate synthetase 1-like 1	1,0
12749032	100313283	MIR2328	microRNA mir-2328	1,0
12902059	282166	CATHL4	cathelicidin 4	1,0
12908563	518298	TEX13A	testis expressed 13A	1,0
12761264	286820	ALOX15B	arachidonate 15-lipoxygenase, type B	1,0
12756430	507167	CEACAM6	similar to carcinoembryonic antigen-related cell adhesion molecule 1	1,0
12901485	781188	MRAP2	melanocortin 2 receptor accessory protein 2	1,0
12813858	541118	TNRC6A	trinucleotide repeat containing 6A	1,0
12699498	509109	LOC509109	similar to mitogen-activated protein kinase kinase kinase 4	1,0
12758837	539135	TOX3	TOX high mobility group box family member 3	1,0
12686978	616159	LOC616159	hypothetical LOC616159	1,0
12885658	519857	PRDM6	PR domain containing 6	1,0
12685714	534247	HLCS	holocarboxylase synthetase (biotin-(propionyl-Coenzyme A-carboxylase (ATP-hydrolysing)) ligase)	1,0
12863635	100313082	MIR763	microRNA mir-763	1,0
12737374	616334	NENF	neuron derived neurotrophic factor	1,0
12864859	506952	METTL7B	similar to DILV594	1,0
12683348	281802	GRK7	G protein-coupled receptor kinase 7	1,0
12846830	538913	GJA4	gap junction protein, alpha 4, 37kDa	1,0
12788868	100313459	MIR7-1	microRNA mir-7-1	1,0
12697239	616745	PATL2	protein associated with topoisomerase II homolog 2 (yeast)	1,0
12757161	513675	DMPK	dystrophin myotonic-protein kinase	1,0
12760505	100336082	LOC100336082	amine oxidase, copper containing 3-like	1,0
12836725	505719	LOC505719	hypothetical protein LOC505719	1,0
12882130	768306	ABHD8	abhydrolase domain containing 8	1,0
12840214	535998	EPS15	epidermal growth factor receptor pathway substrate 15	1,0
12753295	538843	KIRREL2	kin of IRRE like 2 (Drosophila)	1,0
12833290	508233	RELA	v-rel reticuloendotheliosis viral oncogene homolog A (avian)	1,0
12758667	534655	SIAH1	seven in absentia homolog 1 (Drosophila)	1,0
12803331	540158	RDBP	RD RNA binding protein	1,0
12850660	525416	CAMK2B	calcium/calmodulin-dependent protein kinase II beta	1,0
12754174	618400	GPT2	glutamic pyruvate transaminase (alanine aminotransferase) 2	1,0
12713308	100297037	LOC100297037	hypothetical protein LOC100297037	1,0

12766503	100125882	AARSD1	alanyl-tRNA synthetase domain containing 1	1,0
12813017	521401	AMDHD2	amidohydrolase domain containing 2	1,0
12764212	531137	LGALS3BP	lectin, galactoside-binding, soluble, 3 binding protein	1,0
12830275	510200	DPP3	dipeptidyl-peptidase 3	1,0
12753873	616814	ZNF576	zinc finger protein 576	1,0
12728012	515543	EIF3M	eukaryotic translation initiation factor 3, subunit M	1,0
12718209	353353	TRDMT1	tRNA aspartic acid methyltransferase 1	1,0
12695805	531014	LOC531014	similar to Spectrin beta chain, brain 4 (Spectrin, non-erythroid beta chain 4) (Beta-V spectrin) (BSPECV)	1,0
12881616	614282	ARL10	ADP-ribosylation factor-like 10	1,0
12821282	100336736	LOC100336736	N-acylsphingosine amidohydrolase 2-like	1,0
12713594	281385	PDYN	prodynorphin	1,0
12771665	533303	ALKBH5	alkB, alkylation repair homolog 5 (E. coli)	1,0
12877724	505564	LOC505564	similar to KH-type splicing regulatory protein (FUSE binding protein 2)	1,0
12849860	510042	STARD3NL	STARD3 N-terminal like	1,0
12900067	511666	SAMD3	sterile alpha motif domain containing 3	1,0
12708551	784805	LOC784805	hypothetical LOC784805	1,0
12720838	614288	MKKS	McKusick-Kaufman syndrome	1,0
12748608	100139097	BOSTAUV1R427	vomeroneasal 1 receptor bosTauV1R427	1,0
12869647	100335745	LOC100335745	hCG2040572-like	1,0
12865601	512531	MARS	methionyl-tRNA synthetase	1,0
12687727	100296087	LOC100296087	similar to basic transcription factor 3	1,0
12886288	530333	FZR1	fizzy/cell division cycle 20 related 1 (Drosophila)	1,0
12907329	404089	CLDN2	claudin 2	1,0
12864662	505491	LOC505491	similar to Olfactory receptor 10A7 (Olfactory receptor OR12-6)	1,0
12762826	511513	CDK12	cyclin-dependent kinase 12	1,0
12867524	536906	PPFIA2	protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (liprin), alpha 2	1,0
12847045	540744	ZYG11B	zyg-11 homolog B (C. elegans)	1,0
12834341	531564	SLC29A2	solute carrier family 29 (nucleoside transporters), member 2	1,0
12902917	282107	UBE2A	ubiquitin-conjugating enzyme E2A (RAD6 homolog)	1,0
12749317	281483	SEC1	alpha-2-fucosyltransferase Sec1	1,0
12730697	100337453	LOC100337453	p53-induced protein-like	1,0
12831643	540137	TMEM132A	transmembrane protein 132A	1,0
12774157	100336611	LOC100336611	contactin associated protein-like 5-like	1,0
12778973	540771	PLCD4	phospholipase C, delta 4	1,0
12720586	535740	APMAP	chromosome 20 open reading frame 3 ortholog	1,0
12716099	530462	USP6NL	USP6 N-terminal like	1,0
12793545	539244	ASB2	ankyrin repeat and SOCS box-containing 2	1,0
12709102	404166	KCNRG	potassium channel regulator	1,0
12883444	338058	ARF1	ADP-ribosylation factor 1	1,0
12910812	790428	LOC790428	similar to Gag	1,0
12683485	282315	POU1F1	POU class 1 homeobox 1	1,0
12747026	526095	ARL6IP4	ADP-ribosylation-like factor 6 interacting protein 4	1,0
12847961	782130	MGC151969	Uncharacterized protein ENSP00000334415 homolog	1,0
12737137	540101	RABGAP1L	RAB GTPase activating protein 1-like	1,0
12747034	526310	ULK1	unc-51-like kinase 1 (C. elegans)	1,0
12856490	100335902	LOC100335902	hypothetical protein LOC100335902	1,0
12764930	539106	CNTROB	centrobin, centrosomal BRCA2 interacting protein	1,0
12776646	515395	STK11IP	serine/threonine kinase 11 interacting protein	1,0
12755098	100138449	LOC100138449	similar to zinc finger protein 211	1,0
12829913	506261	LOC506261	similar to 14-3-3 protein theta (14-3-3 protein tau) (14-3-3 protein T-cell) (Protein HS1)	1,0
12767851	445364	IFT20	intraflagellar transport 20 homolog (Chlamydomonas)	1,0
12682381	614904	MAP6D1	MAP6 domain containing 1	1,0

12688112	282132	ADAM10	ADAM metallopeptidase domain 10	1,0
12718157	286811	EIF6	eukaryotic translation initiation factor 6	1,0
12849811	509751	ABP1	amiloride binding protein 1 (amine oxidase (copper-containing))	1,0
12756869	511234	NOSIP	nitric oxide synthase interacting protein	1,0
12744703	618262	P2RX6	purinergic receptor P2X, ligand-gated ion channel, 6	1,0
12906130	784663	PLCXD1	phosphatidylinositol-specific phospholipase C, X domain containing 1	1,0
12759311	616621	PNKP	polynucleotide kinase 3'-phosphatase	1,0
12908625	520262	LOC520262	similar to melanoma antigen MAGE	1,0
12881692	614791	CCDC130	coiled-coil domain containing 130	1,0
12752806	533103	SPHK2	sphingosine kinase 2	1,0
12888682	100137826	LOC100137826	similar to Uncharacterized protein C9orf131 homolog	1,0
12898759	613326	PTP4A1	protein tyrosine phosphatase type IVA, member 1	1,0
12689991	525695	LOC525695	similar to laeverin	1,0
12887339	540115	PCDH12	protocadherin 12	1,0
12688691	508559	EFS	embryonal Fyn-associated substrate	1,0
12772826	616030	RNF167	ring finger protein 167	1,0
12754803	789006	ZNF226	zinc finger protein 226	1,0
12714371	507459	C20orf54	chromosome 20 (human) open reading frame 54	1,0
12709498	511223	VPS36	vacuolar protein sorting 36 homolog (S. cerevisiae)	1,0
12750933	510660	HAUS5	HAUS augmin-like complex, subunit 5	1,0
12790633	534312	SCAMP2	secretory carrier membrane protein 2	1,0
12902583	100336399	LOC100336399	CG11048-like	1,0
12876275	100271850	LOC100271850	hypothetical protein LOC100271850	1,0
12903372	505773	PRKX	protein kinase, X-linked	1,0
12812039	508442	BAZ1B	bromodomain adjacent to zinc finger domain, 1B	1,0
12852650	100294792	LOC100294792	similar to chromobox homolog 3	1,0
12726998	505038	SAAL1	serum amyloid A-like 1	1,0
12820794	540786	PTEN	phosphatase and tensin homolog	1,0
12815216	281423	PRM1	protamine 1	1,0
12795679	514969	ACOX2	acyl-Coenzyme A oxidase 2, branched chain	1,0
12845313	522702	FCRLB	Fc receptor-like B	1,0
12688979	511473	ZC3H14	zinc finger CCCH-type containing 14	1,0
12881593	614090	LOC614090	similar to olfactory receptor Olr1455	1,0
12881782	615986	CCL25	chemokine (C-C motif) ligand 25	1,0
12756272	505213	HSDL1	hydroxysteroid dehydrogenase like 1	1,0
12870382	404170	PAICS	phosphoribosylaminoimidazole carboxylase, phosphoribosylaminoimidazole succinocarboxamide synthetase	1,0
12681732	537951	EPHA3	EPH receptor A3	1,0
12758852	539231	LOC539231	similar to kinesin family member C3	1,0
12739073	508353	AIDA	axon interactor, dorsalization associated	1,0
12888356	786897	LOC786897	similar to hCG1791432	1,0
12908931	526838	TADA2B	transcriptional adaptor 2B	1,0
12827953	510413	LOC510413	similar to TAF5-like RNA polymerase II p300/CBP-associated factor-associated factor 65 kDa subunit 5L (PCAF-associated factor 65 beta) (PAF65-beta)	1,0
12812223	511088	C25H7orf28A	chromosome 7 open reading frame 28A ortholog	1,0
12709715	515635	CCDC70	coiled-coil domain containing 70	1,0
12847950	781813	LOC781813	similar to eukaryotic translation elongation factor 1 alpha 1	1,0
12828800	540918	LOC540918	hypothetical protein LOC540918	1,0
12688927	511033	ACOT2	acyl-CoA thioesterase 2	1,0
12692043	616704	MCC	mutated in colorectal cancers	1,0
12899165	100294852	LOC100294852	hypothetical LOC100294852	1,0
12814790	100126827	BCAR4	breast cancer anti-estrogen resistance 4	1,0
12863643	100313212	MIR2431	microRNA mir-2431	1,0

12730197	782473	LOC782473	similar to olfactory receptor, family 51, subfamily T, member 1	1,0
12859592	515007	ZNF384	zinc finger protein 384	1,0
12766797	100302388	LOC100302388	hypothetical protein LOC100302388	1,0
12885475	515410	PDLIM4	PDZ and LIM domain 4	1,0
12754491	782441	NLRC5	NLR family, CARD domain containing 5	1,0
12898980	617270	SAMD5	sterile alpha motif domain containing 5	1,0
12876544	100335194	LOC100335194	COX7B protein-like	1,0
12803548	615878	TBC1D22B	TBC1 domain family, member 22B	1,0
12758613	534070	KCNG4	potassium voltage-gated channel, subfamily G, member 4	1,0
12856841	281268	KRT5	keratin 5	1,0
12714246	506594	LOC506594	similar to Prostaglandin-F synthase 1 (PGF synthase 1) (PGF 1) (Prostaglandin-D2 11 reductase 1) (PGFSI)	1,0
12739675	515553	SLC25A34	solute carrier family 25, member 34	1,0
12790698	537521	PPP4R4	protein phosphatase 4, regulatory subunit 4	1,0
12853653	507409	YKT6	YKT6 v-SNARE homolog (<i>S. cerevisiae</i>)	1,0
12896349	100313302	MIR2477	microRNA mir-2477	1,0
12686414	539880	ZBED2	zinc finger, BED-type containing 2	1,0
12683595	353350	SMC4	structural maintenance of chromosomes 4	1,0
12904365	520807	SATL1	spermidine/spermine N1-acetyl transferase-like 1	1,0
12726731	281445	RCN1	reticulocalbin 1, EF-hand calcium binding domain	1,0
12882852	100313443	MIR2460	microRNA mir-2460	1,0
12909496	536029	PHEX	phosphate regulating endopeptidase homolog, X-linked	1,0
12902981	282869	UBA1	ubiquitin-like modifier activating enzyme 1	1,0
12763347	515086	SPAG7	sperm associated antigen 7	1,0
12781128	510410	RESP18	regulated endocrine-specific protein 18	1,0
12852712	100300398	LOC100300398	similar to ATP-binding cassette, sub-family A member 1	1,0
12868013	540272	PA2G4	proliferation-associated 2G4, 38kDa	1,0
12765478	616514	ANKRD13B	ankyrin repeat domain 13B	1,0
12749595	286861	FTL	ferritin, light polypeptide	1,0
12769162	509346	MPP2	similar to palmitoylated membrane protein 2	1,0
12813624	535236	MLST8	MTOR associated protein, LST8 homolog (<i>S. cerevisiae</i>)	1,0
12704620	507640	DDX31	DEAD (Asp-Glu-Ala-Asp) box polypeptide 31	1,0
12863637	100313113	MIR1249	microRNA mir-1249	1,0
12752120	521175	GAN	gigaxonin	1,0
12759819	785286	LOC785286	similar to Zfp273 protein	1,0
12797145	617519	CCDC12	coiled-coil domain containing 12	1,0
12780367	282882	ITGA4	integrin, alpha 4 (antigen CD49D, alpha 4 subunit of VLA-4 receptor)	1,0
12702138	540033	DNAJC27	DnaJ (Hsp40) homolog, subfamily C, member 27	1,0
12784152	614438	LOC614438	similar to KIAA1946	1,0
12849263	287024	NOS3	nitric oxide synthase 3 (endothelial cell)	1,0
12882680	100295355	LOC100295355	hypothetical protein LOC100295355	1,0
12887439	540809	FSTL4	follistatin-like 4	1,0
12875904	618192	HSD17B13	hydroxysteroid (17-beta) dehydrogenase 13	1,0
12696569	538953	OTX2	orthodenticle homeobox 2	1,0
12709089	286770	DNAJC3	DnaJ (Hsp40) homolog, subfamily C, member 3	1,0
12812250	511420	LOC511420	similar to Snf2-related CBP activator protein	1,0
12855908	616286	ASB10	ankyrin repeat and SOCS box-containing 10	1,0
12742993	520759	LHX5	LIM homeobox 5	1,0
12845344	523206	MOV10	Mov10, Moloney leukemia virus 10, homolog (mouse)	1,0
12903395	505937	VSIG1	V-set and immunoglobulin domain containing 1	1,0
12846866	539204	LRRC8D	leucine rich repeat containing 8 family, member D	1,0
12835903	281584	ABCA4	ATP-binding cassette, sub-family A (ABC1), member 4	1,0
12702934	617609	POMT1	protein-O-mannosyltransferase 1	1,0

12850466	520408	RNF32	ring finger protein 32	1,0
12884792	510712	LOC510712	similar to olfactory receptor, family 7, subfamily A, member 17	1,0
12780818	507141	LOC507141	CE5 protein-like	1,0
12814278	618031	RAB40C	RAB40C, member RAS oncogene family	1,0
12794649	505490	TMEM40	transmembrane protein 40	1,0
12680927	522329	GTPBP8	GTP-binding protein 8 (putative)	1,0
12731023	353245	CEP57	centrosomal protein 57kDa	1,0
12722236	510991	PARP10	poly (ADP-ribose) polymerase family, member 10	1,0
12901633	788957	WDR27	WD repeat domain 27	1,0
12814542	785988	LOC785988	hypothetical protein LOC785988	1,0
12753652	614626	MED29	mediator complex subunit 29	1,0
12756183	504707	TRADD	TNFRSF1A-associated via death domain	1,0
12769255	509747	KRT222	keratin 222	1,0
12809196	281376	SERPINB2	serpin peptidase inhibitor, clade B (ovalbumin), member 2	1,0
12758907	539370	DPEP2	dipeptidase 2	1,0
12757376	515409	DPF1	D4, zinc and double PHD fingers family 1	1,0
12805288	510831	NRSN1	neurensin 1	1,0
12899289	100337082	LOC100337082	synaptosomal-associated protein, 91kDa homolog-like	1,0
12704087	286858	PTGDS	prostaglandin D2 synthase 21kDa (brain)	1,0
12753213	538348	EHD2	EH-domain containing 2	1,0
12710932	100138596	LOC100138596	hypothetical protein LOC100138596	1,0
12878848	512272	GZMM	granzyme M (lymphocyte met-ase 1)	1,0
12746540	514102	SETD1B	SET domain containing 1B	1,0
12747065	527436	MSI1	musashi homolog 1 (Drosophila)	1,0
12705150	510568	XPO1	exportin 1 (CRM1 homolog, yeast)	1,0
12790364	525350	TARSL2	threonyl-tRNA synthetase-like 2	1,0
12744424	614816	CHFR	checkpoint with forkhead and ring finger domains	1,0
12806513	539920	LY6G6F	lymphocyte antigen 6 complex, locus G6F	1,0
12816030	507905	JMJD5	jumonji domain containing 5	1,0
12841702	784181	LDLRAD1	low density lipoprotein receptor class A domain containing 1	1,0
12837024	506530	SSR2	signal sequence receptor, beta (translocon-associated protein beta)	1,0
12877875	506060	CSNK1G2	casein kinase 1, gamma 2	1,0
12763751	523379	SLFN14	schlafen family member 14	1,0
12784976	100313463	MIR2359	microRNA mir-2359	1,0
12683522	282865	ADIPOQ	adiponectin, C1Q and collagen domain containing	1,0
12791587	280991	AKT1	v-akt murine thymoma viral oncogene homolog 1	1,0
12746177	509349	TFIP11	tuftelin interacting protein 11	1,0
12700322	517947	DQX1	DEAQ box RNA-dependent ATPase 1	1,0
12824798	281606	ADRB3	adrenergic, beta-3-, receptor	1,0
12754946	790265	VN1R1	vomeroneasal 1 receptor 1	1,0
12899918	509018	SMPD2	sphingomyelin phosphodiesterase 2, neutral membrane (neutral sphingomyelinase)	1,0
12837775	511494	LOC511494	similar to RAP30	1,0
12729727	541055	HTR3B	5-hydroxytryptamine (serotonin) receptor 3B	1,0
12722226	510979	SDCBP	syndecan binding protein (syntenin)	1,0
12815594	505622	LOC505622	similar to UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase-like 3	1,0
12796196	530005	WNT5A	wingless-type MMTV integration site family, member 5A	1,0
12750202	506495	ZNF93	zinc finger protein 93	1,0
12682782	783811	LOC783811	similar to keratin associated protein	1,0
12717766	100294954	LOC100294954	hypothetical protein LOC100294954	1,0
12790955	539500	ZNF710	zinc finger protein 710	1,0
12906608	100335556	LOC100335556	hypothetical protein LOC100335556	1,0

12865807	513714	KRR1	KRR1, small subunit (SSU) processome component, homolog (yeast)	1,0
12689956	524734	SHC4	SHC (Src homology 2 domain containing) family, member 4	1,0
12786517	541458	KCNIP1	Kv channel interacting protein 1	1,0
12763973	527872	KCNH6	potassium voltage-gated channel, subfamily H (eag-related), member 6	1,0
12861100	534232	POLR2F	polymerase (RNA) II (DNA directed) polypeptide F	1,0
12811750	505005	BCKDK	branched chain ketoacid dehydrogenase kinase	1,0
12710465	540806	SMAD9	SMAD family member 9	1,0
12837963	512257	ZMYND12	zinc finger, MYND-type containing 12	1,0
12807182	788801	LOC788801	similar to ferritin L subunit	1,0
12810916	100139722	LOC100139722	similar to pentatricopeptide repeat domain 1	1,0
12758141	527061	ZNF541	zinc finger protein 541	1,0
12856029	664638	T2R16	bitter taste receptor Bota-T2R16	1,0
12787220	509302	DNAJC21	DnaJ (Hsp40) homolog, subfamily C, member 21	1,0
12785270	506738	NUP155	nucleoporin 155kDa	1,0
12758881	539259	NAPSA	napsin A aspartic peptidase	1,0
12891087	533964	INTS9	integrator complex subunit 9	1,0
12751655	514858	TBC1D17	TBC1 domain family, member 17	1,0
12837284	508021	MGC166151	hypothetical LOC508021	1,0
12765314	614728	COASY	Coenzyme A synthase	1,0
12852310	768255	LOC768255	hypothetical protein LOC768255	1,0
12699049	505353	PKN3	protein kinase N3	1,0
12713445	100336409	LOC100336409	ubiquitin-conjugating enzyme E2D 3-like	1,0
12746825	517962	SDF2L1	stromal cell-derived factor 2-like 1	1,0
12804613	282462	MEA1	male-enhanced antigen 1	1,0
12866764	526713	LOC526713	similar to olfactory receptor 769	1,0
12864821	506705	PRR13	proline rich 13	1,0
12759710	782359	LOC782359	similar to BCL2 binding component 3	1,0
12750107	505592	CCDC97	coiled-coil domain containing 97	1,0
12733882	784346	LOC784346	similar to Olfactory receptor 51A7	1,0
12776100	510506	CPS1	carbamoyl-phosphate synthetase 1, mitochondrial	1,0
12750536	508916	CES1	carboxylesterase 1 (monocyte/macrophage serine esterase 1)	1,0
12844828	514929	NCSTN	nicastatin	1,0
12888233	785347	TRIM52	tripartite motif-containing 52	1,0
12841045	613313	GBP4	guanylate binding protein 4	1,0
12856364	100296607	LOC100296607	similar to ATP synthase, H ⁺ transporting, mitochondrial F0 complex, subunit c (subunit 9)	1,0
12908337	515176	DNASE1L1	deoxyribonuclease I-like 1	1,0
12816351	511837	NARFL	nuclear prelamin A recognition factor-like	1,0
12829279	100336924	LOC100336924	chapsyn-110-like	1,0
12858331	506836	NUP50	nucleoporin 50kDa	1,0
12775239	497199	CFLAR	CASP8 and FADD-like apoptosis regulator	1,0
12691986	615813	ITPKA	inositol 1,4,5-trisphosphate 3-kinase A	1,0
12862467	616492	DDN	dendrin	1,0
12852774	100335478	LOC100335478	NADH dehydrogenase subunit 1-like	1,0
12855057	534500	NRCAM	neuronal cell adhesion molecule	1,0
12811279	280964	ZP3	zona pellucida glycoprotein 3 (sperm receptor)	1,0
12724888	511669	ZNF696	zinc finger protein 696	1,0
12888594	790870	LMAN2	lectin, mannose-binding 2	1,0
12699583	509961	LOC509961	similar to Gastrokeine-1 precursor (18 kDa antrum mucosa protein) (AMP-18) (CA11 protein)	1,0
12765586	617294	RPH3AL	rabphilin 3A-like (without C2 domains)	1,0
12876533	100335169	LOC100335169	small calcium-binding mitochondrial carrier 3-like	1,0
12812729	515756	EPHB4	EPH receptor B4	1,0
12817021	518716	PDILT	protein disulfide isomerase-like, testis expressed	1,0
12864750	506466	LARGE	like-glycosyltransferase	1,0

12865302	510373	BID	BH3 interacting domain death agonist	1,0
12778336	514772	GPN2	GPN-loop GTPase 2	1,0
12761779	505662	SIRT7	sirtuin (silent mating type information regulation 2 homolog) 7 (<i>S. cerevisiae</i>)	1,0
12759435	617610	HRC	histidine rich calcium binding protein	1,0
12873572	504796	FAM175A	coiled-coil domain containing 98	1,0
12689159	513290	TMC05B	transmembrane and coiled-coil domains 5B	1,0
12761729	505568	EXOC7	exocyst complex component 7	1,0
12910347	767841	ARMCX2	armadillo repeat containing, X-linked 2	1,0
12692541	786165	FMN1	formin 1	1,0
12892274	791025	MIRLET7D	microRNA let-7d	1,0
12746401	512602	LOC512602	similar to mCG8571	1,0
12788761	100300380	LOC100300380	similar to TGF beta-inducible nuclear protein 1	1,0
12844365	512385	LHX8	LIM homeobox 8	1,0
12814996	100300816	LOC100300816	hypothetical protein LOC100300816	1,0
12754155	618386	TCF25	transcription factor 25 (basic helix-loop-helix)	1,0
12691729	613479	GTF2A2	general transcription factor IIA, 2, 12kDa	1,0
12841580	768314	GPATCH4	G patch domain containing 4	1,0
12756615	508953	TMEM160	transmembrane protein 160	1,0
12805303	511168	MDC1	mediator of DNA-damage checkpoint 1	1,0
12863193	787259	WIBG	within bgcn homolog (<i>Drosophila</i>)	1,0
12821651	504950	NPM3	nucleophosmin/nucleoplasmin 3	1,0
12693803	504344	LOC504344	similar to olfactory receptor MOR245-21	1,0
12705711	514660	TGFBRAP1	transforming growth factor, beta receptor associated protein 1	1,0
12779298	616118	CDK15	cyclin-dependent kinase 15	1,0
12717614	788561	THNSL1	threonine synthase-like 1 (<i>S. cerevisiae</i>)	1,0
12885694	520505	LOC520505	similar to SIN3 homolog B, transcription regulator (yeast)	1,0
12687178	783495	KRTAP10-2	keratin associated protein 10-2	1,0
12776978	522957	SPAG16	sperm associated antigen 16	1,0
12774399	281187	MSTN	myostatin	1,0
12697230	616594	GPR137C	G protein-coupled receptor 137C	1,0
12757427	516719	MGC137708	hypothetical LOC516719	1,0
12817513	528545	ANKS3	ankyrin repeat and sterile alpha motif domain containing 3	1,0
12812973	520979	AIMP2	aminoacyl tRNA synthetase complex-interacting multifunctional protein 2	1,0
12686534	540803	MRAS	muscle RAS oncogene homolog	1,0
12775337	505075	WNT6	wingless-type MMTV integration site family, member 6	1,0
12857179	282388	TXNRD1	thioredoxin reductase 1	1,0
12697474	767615	TRIM9	tripartite motif-containing 9	1,0
12725913	539952	LRRC14	leucine rich repeat containing 14	1,0
12876572	100336529	LOC100336529	hypothetical protein LOC100336529	1,0
12756280	505256	SNX20	sorting nexin 20	1,0
12783792	540002	CHPF	chondroitin polymerizing factor	1,0
12876618	100336995	LOC100336995	high mobility group 20 B-like	1,0
12833345	508878	UNC93B1	unc-93 homolog B1 (<i>C. elegans</i>)	1,0
12892113	784375	CNTNAP3	contactin associated protein-like 3	1,0
12866165	515784	CKAP4	cytoskeleton-associated protein 4	1,0
12799357	522335	NEK10	NIMA (never in mitosis gene a)- related kinase 10	1,0
12866821	529303	LOC529303	similar to olfactory receptor Olr879	1,0
12848449	100294868	LOC100294868	hypothetical protein LOC100294868	1,0
12719058	512087	LYZL1	lysozyme-like 1	1,0
12843930	509047	TTC4	tetratricopeptide repeat domain 4	1,0
12697012	613575	CNIH	cornichon homolog (<i>Drosophila</i>)	1,0
12768058	504613	MED24	mediator complex subunit 24	1,0
12910787	788399	LOC788399	similar to melanoma antigen family B, 2	1,0
12857965	505861	LOC505861	similar to predicted gene, EG545136	1,0

12753895	617066	LYPD4	Ly6/Plaur domain containing 4	1,0
12685409	530102	COL6A6	collagen, type VI, alpha 6	1,0
12727929	515001	NAT10	N-acetyltransferase 10 (GCN5-related)	1,0
12858142	506433	WNK1	WNK lysine deficient protein kinase 1	1,0
12832023	618635	LOC618635	similar to secretory mucin MUC6	1,0
12876752	280841	LOX	lysyl oxidase	1,0
12730010	616372	TMEM41B	transmembrane protein 41B	1,0
12877220	286793	PRDX2	peroxiredoxin 2	1,0
12747288	532416	PATZ1	POZ (BTB) and AT hook containing zinc finger 1	1,0
12793981	785745	LOC785745	similar to TMSL2 protein	1,0
12817553	529167	RHBDF1	rhomboid 5 homolog 1 (Drosophila)	1,0
12894461	531838	CHRNA2	cholinergic receptor, nicotinic, alpha 2 (neuronal)	1,0
12682613	767980	SSR3	signal sequence receptor, gamma (translocon-associated protein gamma)	1,0
12696539	538940	CDAN1	congenital dyserythropoietic anemia, type I	1,0
12766023	787450	ALOX12E	arachidonate lipoxygenase, epidermal	1,0
12816837	516108	LOC516108	similar to CG2446 CG2446-PC	1,0
12717049	616679	ARL5B	ADP-ribosylation factor-like 5B	1,0
12708106	616608	DNAJC5G	DnaJ (Hsp40) homolog, subfamily C, member 5 gamma	1,0
12903094	338445	MAOB	monoamine oxidase B	1,0
12822250	514863	C26H10ORF119	chromosome 10 open reading frame 119 ortholog	1,0
12845617	527217	LOC527217	similar to olfactory receptor Olr856	1,0
12824971	507011	ZNF768	zinc finger protein 768	1,0
12899023	782235	IRAK1BP1	interleukin-1 receptor-associated kinase 1 binding protein 1	1,0
12806964	767848	SLC35B2	solute carrier family 35, member B2	1,0
12842492	100337127	LOC100337127	TNNI3 interacting kinase-like	1,0
12729981	616011	LOC616011	similar to zinc finger, CCHC domain containing 17	1,0
12726738	281481	SDHD	succinate dehydrogenase complex, subunit D, integral membrane protein	1,0
12904355	520706	LOC520706	similar to preferentially expressed antigen in melanoma-like 3	1,0
12691128	539220	AHSA1	AHA1, activator of heat shock 90kDa protein ATPase homolog 1 (yeast)	1,0
12815608	505636	MBLAC1	metallo-beta-lactamase domain containing 1	1,0
12839522	530689	LOC530689	similar to MGC157062 protein	1,0
12731622	509575	AMICA1	adhesion molecule, interacts with CXADR antigen 1	1,0
12715842	526582	TTPAL	tocopherol (alpha) transfer protein-like	1,0
12715105	514567	DDX27	DEAD (Asp-Glu-Ala-Asp) box polypeptide 27	1,0
12826394	522515	SGPL1	sphingosine-1-phosphate lyase 1	1,0
12874533	524136	NDST3	N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 3	1,0
12843678	507344	GBX2	gastrulation brain homeobox 2	1,0
12708013	615528	SULT1C3	sulfotransferase family, cytosolic, 1C, member 3	1,0
12724675	509114	LOC509114	similar to hCG2040155	1,0
12901402	615863	ZC3H12D	zinc finger CCCH-type containing 12D	1,0
12794982	508371	TMEM111	transmembrane protein 111	1,0
12846035	531455	ATG4C	ATG4 autophagy related 4 homolog C (S. cerevisiae)	1,0
12748428	787736	SELM	selenoprotein M	1,0
12694393	510040	FITM1	fat storage-inducing transmembrane protein 1	1,0
12903795	511790	APEX2	APEX nuclease (apurinic/apyrimidinic endonuclease) 2	1,0
12759367	617210	ETFB	electron-transfer-flavoprotein, beta polypeptide	1,0
12813471	532767	DTX2	deltex homolog 2 (Drosophila)	1,0
12831829	615704	SART1	squamous cell carcinoma antigen recognized by T cells	1,0
12692765	789005	LOC789005	similar to hCG1644548	1,0
12714795	512534	HM13	histocompatibility (minor) 13	1,0
12810140	531085	ZFP161	zinc finger protein 161 homolog (mouse)	1,0
12748564	100138767	LOC100138767	similar to TC10/CDC42 GTPase-activating protein (Sorting nexin-26)	1,0

12868391	615205	HAL	histidine ammonia-lyase	1,0
12813522	533235	PRR14	proline rich 14	1,0
12868937	781109	MGC139000	hypothetical protein LOC781109	1,0
12684878	517889	TFF3	trefoil factor 3 (intestinal)	1,0
12760706	281152	FASN	fatty acid synthase	1,0
12855388	538477	RALA	v-ral simian leukemia viral oncogene homolog A (ras related)	1,0
12722713	522282	ZFAT	zinc finger and AT hook domain containing	1,0
12706493	528023	NACC2	NACC family member 2, BEN and BTB (POZ) domain containing	1,0
12878123	507824	LRRC8E	leucine rich repeat containing 8 family, member E	1,0
12779387	617215	PTPN18	protein tyrosine phosphatase, non-receptor type 18 (brain-derived)	1,0
12719085	512164	ITIH2	inter-alpha (globulin) inhibitor H2	1,0
12799889	535362	GRM7	glutamate receptor, metabotropic 7	1,0
12720721	539813	KCNG1	potassium voltage-gated channel, subfamily G, member 1	1,0
12734009	788703	LOC788703	similar to olfactory receptor, family 52, subfamily J, member 3	1,0
12701999	539040	PCGF1	polycomb group ring finger 1	1,0
12722965	532363	LOC532363	similar to KIAA1688 protein	1,0
12685403	530042	NLGN1	neuroligin 1	1,0
12852612	100140139	TMEM196	transmembrane protein 196	1,0
12889953	509420	LOC509420	similar to chromosome 9 open reading frame 61	1,0
12720944	616297	LOC616297	similar to MRG-binding protein	1,0
12869336	786490	LOC786490	similar to epithelial membrane protein 1	1,0
12733276	540545	SYT13	synaptotagmin XIII	1,0
12767425	282125	YWHAE	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, epsilon polypeptide	1,0
12825632	784292	DCTD	dCMP deaminase	1,0
12795847	519687	CCDC37	coiled-coil domain containing 37	1,0
12769576	511206	MPO	myeloperoxidase	1,0
12810731	785328	LOC785328	similar to Uncharacterized protein KIAA1328	1,0
12818013	539507	ATXN2L	ataxin 2-like	1,0
12704930	509187	INO80B	INO80 complex subunit B	1,0
12862507	616876	LOC616876	similar to complement component 1, q subcomponent-like 4 (predicted)	1,0
12754830	789501	BOSTAUV1R424	vomeroneasal 1 receptor bosTauV1R424	1,0
12845099	518597	LOC518597	similar to Uncharacterized protein C1orf161 homolog	1,0
12678321	100298680	LOC100298680	hypothetical LOC100298680	1,0
12827873	504417	PBLD	phenazine biosynthesis-like protein domain containing	1,0
12723118	534010	SOX17	SRY (sex determining region Y)-box 17	1,0
12792761	520143	EAPP	E2F-associated phosphoprotein	1,0
12849657	508513	UBE3C	ubiquitin protein ligase E3C	1,0
12822767	534801	GFRA1	GDNF family receptor alpha 1	1,0
12765039	539674	TNFAIP1	tumor necrosis factor, alpha-induced protein 1 (endothelial)	1,0
12885735	520883	CDC37	cell division cycle 37 homolog (S. cerevisiae)	1,0
12898860	614498	PPIL6	peptidylprolyl isomerase (cyclophilin)-like 6	1,0
12725191	513395	GPAA1	glycosylphosphatidylinositol anchor attachment protein 1 homolog (yeast)	1,0
12703022	618665	LCN6	lipocalin 6	1,0
12863602	100297857	LOC100297857	hypothetical protein LOC100297857	1,0
12794011	786914	MGC152337	similar to RIKEN cDNA 1700001K19 gene	1,0
12893194	508929	AADAT	aminoadipate aminotransferase	1,0
12841624	781612	LOC781612	similar to ribosomal protein S4, X-linked X	1,0
12813251	527134	LRCH4	leucine-rich repeats and calponin homology (CH) domain containing 4	1,0

12891893	616412	FRMPD1	FERM and PDZ domain containing 1	1,0
12825157	515461	TMEM66	transmembrane protein 66	1,0
12750457	508221	RPL13	ribosomal protein L13	1,0
12903602	509415	LOC509415	similar to ribosomal protein L4	1,0
12878003	506955	ILVBL	ilvB (bacterial acetolactate synthase)-like	1,0
12742954	520525	SEZ6L	seizure related 6 homolog (mouse)-like	1,0
12780694	505538	STX12	syntaxin 12	1,0
12899976	509657	PTPRK	protein tyrosine phosphatase, receptor type, K	1,0
12869184	784075	CACNA2D4	calcium channel, voltage-dependent, alpha 2/delta subunit 4	1,0
12699996	514560	CHCHD5	coiled-coil-helix-coiled-coil-helix domain containing 5	1,0
12854763	525767	LRRC4	leucine rich repeat containing 4	1,0
12781773	517520	CCDC21	coiled-coil domain containing 21	1,0
12756689	509624	KARS	lysyl-tRNA synthetase	1,0
12818816	100335341	LOC100335341	Chromosome 10 open reading frame 92-like	1,0
12766779	100301467	LOC100301467	similar to P300/CBP Associated Factor homolog family member (pcaf-1)	1,0
12883492	404142	RPL18A	ribosomal protein L18a	1,0
12710618	616023	PCDH20	protocadherin 20	1,0
12791167	615365	LOC615365	hypothetical protein LOC615365	1,0
12784569	783257	ABCB6	ATP-binding cassette, sub-family B (MDR/TAP), member 6	1,0
12899942	509236	TAGAP	T-cell activation GTPase activating protein	1,0
12773597	788650	LOC788650	similar to hCG2043352	1,0
12697438	767601	BCL2L2	BCL2-like 2	1,0
12797447	783336	WDR82P1	WD repeat domain 82 pseudogene 1	1,0
12767655	327715	GABARAP	GABA(A) receptor-associated protein	1,0
12859683	515434	ACRBP	acrosin binding protein	1,0
12878286	508812	DUS3L	dihydrouridine synthase 3-like (S. cerevisiae)	1,0
12856721	280859	MIP	major intrinsic protein of lens fiber	1,0
12908567	518384	KCND1	potassium voltage-gated channel, Shal-related subfamily, member 1	1,0
12819767	516908	DPCD	deleted in primary ciliary dyskinesia homolog (mouse)	1,0
12836534	504974	OSCP1	organic solute carrier partner 1	1,0
12760188	790244	TMEM170A	transmembrane protein 170A	1,0
12758933	540072	RFWD3	ring finger and WD repeat domain 3	1,0
12714733	512242	LBP	lipopolysaccharide binding protein	1,0
12770332	514928	KIF1C	kinesin family member 1C	1,0
12803960	785873	TRIM26	tripartite motif-containing 26	1,0
12857918	505650	BCDIN3D	BCDIN3 domain containing	1,0
12705560	513525	PSMD13	proteasome (prosome, macropain) 26S subunit, non-ATPase, 13	1,0
12817401	527831	GPER	G protein-coupled estrogen receptor 1	1,0
12759019	540948	N4BP1	NEDD4 binding protein 1	1,0
12768452	507371	PRPF8	PRP8 pre-mRNA processing factor 8 homolog (S. cerevisiae)	1,0
12750290	507032	PDCD2L	programmed cell death 2-like	1,0
12735655	515150	LOC515150	similar to C4b-binding protein alpha chain precursor (C4bp) (Proline-rich protein) (PRP)	1,0
12842137	100137823	LOC100137823	similar to Uncharacterized protein C2orf33 homolog	1,0
12761308	338054	ARHGDI	Rho GDP dissociation inhibitor (GDI) alpha	1,0
12800241	541142	LANCL2	LanC lantibiotic synthetase component C-like 2 (bacterial)	1,0
12679722	510795	RPL36	ribosomal protein L36	1,0
12849524	504276	LOC504276	similar to purine-rich element binding protein B	1,0
12800496	615855	NRADD	neurotrophin receptor associated death domain	1,0
12860737	531070	BEST3	bestrophin 3	1,0
12807037	782262	LOC782262	similar to olfactory receptor Olfr132	1,0
12681759	538314	TBCCD1	TBCC domain containing 1	1,0

12696584	539023	TRIM36	tripartite motif-containing 36	1,0
12772824	615901	LOC615901	similar to olfactory receptor Olr1466	1,0
12765219	613305	MIF4GD	MIF4G domain containing	1,0
12888965	100336914	LOC100336914	polypeptide N-acetylgalactosaminyltransferase-like 6-like	1,0
12832534	100336649	LOC100336649	phosphatidylserine synthase 2-like	1,0
12866353	517588	GLI1	GLI family zinc finger 1	1,0
12876252	100138801	LOC100138801	similar to guanine nucleotide binding protein (G protein), gamma 5	1,0
12713233	100144618	CTCFL	CCCTC-binding factor (zinc finger protein)-like	1,0
12712509	535653	ESD	esterase D/formylglutathione hydrolase	1,0
12678565	281047	CCT8	chaperonin containing TCP1, subunit 8 (theta)	1,0
12733686	617430	C2H1orf70	chromosome 11 open reading frame 70 ortholog	1,0
12883799	505043	CD320	CD320 molecule	1,0
12734017	788872	LOC788872	similar to olfactory receptor 49 (predicted)	1,0
12909113	531678	MGC139528	hypothetical LOC531678	1,0
12908353	515220	MSL3	male-specific lethal 3 homolog (Drosophila)	1,0
12882105	768023	MGC137027	hypothetical protein MGC137027	1,0
12769980	513045	MYBBP1A	MYB binding protein (P160) 1a	1,0
12728716	528502	LOC528502	similar to olfactory receptor 1056	1,0
12695785	530047	RPS6KL1	ribosomal protein S6 kinase-like 1	1,0
12882115	768083	USHBP1	Usher syndrome 1C binding protein 1	1,0
12872652	781091	SHISA3	shisa homolog 3 (Xenopus laevis)	1,0
12693017	100296480	LOC100296480	hypothetical LOC100296480	1,0
12745734	505503	ASCC2	activating signal cointegrator 1 complex subunit 2	1,0
12764961	539167	KCTD11	potassium channel tetramerisation domain containing 11	1,0
12784183	614672	SH3BGR13	SH3 domain binding glutamic acid-rich protein like 3	1,0
12691839	614181	HOMEZ	homeobox and leucine zipper encoding	1,0
12788563	789390	NKD2	naked cuticle homolog 2 (Drosophila)	1,0
12904575	525898	KAL1	Kallmann syndrome 1 sequence	1,0
12893631	513392	KIF24	kinesin family member 24	1,0
12750604	509209	ACSF3	acyl-CoA synthetase family member 3	1,0
12780839	507606	IQCC	IQ motif containing C	1,0
12709400	509258	RNASEH2B	ribonuclease H2, subunit B	1,0
12852474	785714	STRA8	stimulated by retinoic acid gene 8 homolog (mouse)	1,0
12692661	788151	ADCY4	adenylate cyclase 4	1,0
12689841	521544	NRL	neural retina leucine zipper	1,0
12898785	613606	AKAP7	A kinase (PRKA) anchor protein 7	1,0
12762559	510073	CD7	CD7 molecule	1,0
12795238	511455	NEK4	NIMA (never in mitosis gene a)-related kinase 4	1,0
12798676	508004	MKRN2	makorin ring finger protein 2	1,0
12761690	505335	B9D1	B9 protein domain 1	1,0
12722737	522546	LOC522546	similar to translocase of inner mitochondrial membrane 8 homolog A	1,0
12897599	525894	RARS2	arginyl-tRNA synthetase 2, mitochondrial	1,0
12762808	511440	COX10	COX10 homolog, cytochrome c oxidase assembly protein, heme A: farnesyltransferase (yeast)	1,0
12758096	526543	CENPBD1	CENPB DNA-binding domains containing 1	1,0
12708776	100297777	LOC100297777	similar to replication protein A2, 32kDa	1,0
12714768	512410	SPEF1	sperm flagellar 1	1,0
12805819	517754	LOC517754	similar to plasticity-related protein 2	1,0
12893945	515951	IFN-a	interferon-alpha	1,0
12880995	538485	CXXC5	CXXC finger 5	1,0
12850318	516513	MYO1G	myosin IG	1,0
12682007	540395	CEP97	centrosomal protein 97kDa	1,0
12889299	497200	ORM1	alpha-1 acid glycoprotein	1,0
12909810	539819	TEX28	testis expressed 28	1,0
12733946	786726	LOC786726	similar to Heterogeneous nuclear ribonucleoprotein K	1,0

12881699	614800	LOC614800	Leydig cell tumor 10 kDa protein homolog	1,0
12703362	100125925	LOC100125925	UPF0638 protein B	1,0
12808650	615187	ADCYAP1	adenylate cyclase activating polypeptide 1 (pituitary)	1,0
12687899	281125	DRD1	dopamine receptor D1	1,0
12679507	508623	LOC508623	similar to MLN64 N-terminal homolog	1,0
12902029	100298830	LOC100298830	similar to pseudoautosomal GTP-binding protein-like protein	1,0
12805813	517349	USP49	ubiquitin specific peptidase 49	1,0
12882508	789597	RAPGEF6	Rap guanine nucleotide exchange factor (GEF) 6	1,0
12756109	504258	SIGLEC10	sialic acid binding Ig-like lectin 10	1,0
12726064	616813	TTC35	tetratricopeptide repeat domain 35	1,0
12824700	100296090	LOC100296090	similar to defensin, beta 103A	1,0
12905931	619027	LOC619027	similar to family with sequence similarity 127, member A	1,0
12813171	525895	UBN1	ubinnuclein 1	1,0
12723216	535449	MTFR1	mitochondrial fission regulator 1	1,0
12819655	514370	TMEM180	transmembrane protein 180	1,0
12682313	614346	TBL1XR1	transducin (beta)-like 1 X-linked receptor 1	1,0
12820118	525419	RBM20	RNA binding motif protein 20	1,0
12682676	781603	PFN1	profilin 1	1,0
12745083	100294901	LOC100294901	hypothetical LOC100294901	1,0
12843443	506203	PSMB4	proteasome (prosome, macropain) subunit, beta type, 4	1,0
12877406	407125	EGR1	early growth response 1	1,0
12814700	789743	ZNF853	zinc finger protein 853	1,0
12783509	538586	UBXN10	UBX domain protein 10	1,0
12874084	512327	DHX15	DEAH (Asp-Glu-Ala-His) box polypeptide 15	1,0
12723783	784254	CA1	carbonic anhydrase I	1,0
12721497	100296661	LOC100296661	hypothetical protein LOC100296661	1,0
12791153	614841	FAM174B	membrane protein FAM174B	1,0
12908736	522505	SLC9A7	solute carrier family 9 (sodium/hydrogen exchanger), member 7	1,0
12695717	528833	LOC528833	hypothetical protein LOC528833	1,0
12734616	282040	RNPEP	arginyl aminopeptidase (aminopeptidase B)	1,0
12684603	514466	ZDHHC19	zinc finger, DHHC-type containing 19	1,0
12852330	781378	TARP	TCR gamma alternate reading frame protein	1,0
12686606	613785	DNMT3L	DNA (cytosine-5-)-methyltransferase 3-like	1,0
12852390	783240	MGC165762	Leucine-rich repeat-containing protein ENSP00000371558 homolog	1,0
12711330	505876	NEK3	NIMA (never in mitosis gene a)-related kinase 3	1,0
12733738	618131	TIMM8B	translocase of inner mitochondrial membrane 8 homolog B (yeast)	1,0
12783507	538536	FZD5	frizzled homolog 5 (Drosophila)	1,0
12775103	444863	GYPC	glycophorin C (Gerbich blood group)	1,0
12758947	540173	ZNF428	zinc finger protein 428	1,0
12805924	524447	LRFN2	leucine rich repeat and fibronectin type III domain containing 2	1,0
12853070	281577	WASL	Wiskott-Aldrich syndrome-like	1,0
12885758	521379	PFN3	profilin 3	1,0
12905937	767849	CTPS2	CTP synthase II	1,0
12745798	505912	DUSP18	dual specificity phosphatase 18	1,0
12737520	617314	ZBTB37	zinc finger and BTB domain containing 37	1,0
12889942	509082	ZNF395	zinc finger protein 395	1,0
12792185	509246	CSK	c-src tyrosine kinase	1,0
12747481	535152	DDX54	DEAD (Asp-Glu-Ala-Asp) box polypeptide 54	1,0
12829234	100313431	MIR2410	microRNA mir-2410	1,0
12837780	511497	RNPEPL1	arginyl aminopeptidase (aminopeptidase B)-like 1	1,0
12808372	537176	DCC	deleted in colorectal carcinoma	1,0
12683400	282048	RPL24	ribosomal protein L24	1,0
12865683	513125	ATN1	atrophin 1	1,0

12850562	523235	LOC523235	similar to transmembrane protein 178	1,0
12831008	520852	MS4A15	membrane-spanning 4-domains, subfamily A, member 15	1,0
12762591	510275	HIGD1B	HIG1 hypoxia inducible domain family, member 1B	1,0
12706167	521431	SCAI	suppressor of cancer cell invasion	1,0
12817453	528008	LOC528008	hypothetical LOC528008	1,0
12851530	539141	PSMA2	proteasome (prosome, macropain) subunit, alpha type, 2	1,0
12763923	526652	FLCN	folliculin	1,0
12883160	281570	UQCR	ubiquinol-cytochrome c reductase (6.4kD) subunit	1,0
12717255	619000	LOC619000	similar to ankyrin repeat domain 26	1,0
12770837	519068	TEKT1	tektin 1	1,0
12749977	505059	WTIP	Wilms tumor 1 interacting protein	1,0
12682420	615197	PCNP	PEST proteolytic signal containing nuclear protein	1,0
12707364	538874	BMP10	bone morphogenetic protein 10	1,0
12760498	100335386	LOC100335386	hypothetical protein LOC100335386	1,0
12693212	100335275	LOC100335275	HIG1 domain family, member 1D-like	1,0
12687654	100295586	LOC100295586	similar to HIG1 domain family, member 1A	1,0
12715617	522845	LOC522845	similar to ANKRD protein	1,0
12775715	507984	ERCC3	excision repair cross-complementing rodent repair deficiency, complementation group 3 (xeroderma pigmentosum group B complementing)	1,0
12875984	768210	RELL1	RELT-like 1	1,0
12855407	538919	PLEKHA8	pleckstrin homology domain containing, family A (phosphoinositide binding specific) member 8	1,0
12851661	540416	KCND2	potassium voltage-gated channel, Shal-related subfamily, member 2	1,0
12910532	783730	LOC783730	similar to family with sequence similarity 127, member A	1,0
12862520	616957	APOL6	apolipoprotein L, 6	1,0
12691870	614412	NRXN3	neurexin 3	1,0
12893153	508100	CDK5RAP2	CDK5 regulatory subunit associated protein 2	1,0
12822268	515531	HPS1	Hermansky-Pudlak syndrome 1	1,0
12829496	282881	CD6	CD6 molecule	1,0
12746029	507674	RHBDD3	rhomboid domain containing 3	1,0
12907665	508071	KCNE1L	KCNE1-like	1,0
12825872	281494	SNCG	synuclein, gamma (breast cancer-specific protein 1)	1,0
12762706	510699	RND2	Rho family GTPase 2	1,0
12885074	512651	CDC23	cell division cycle 23 homolog (S. cerevisiae)	1,0
12838342	513993	CSDE1	cold shock domain containing E1, RNA-binding	1,0
12688491	506904	C10H14ORF93	chromosome 14 open reading frame 93 ortholog	1,0
12754076	618041	APOC4	apolipoprotein C-IV	1,0
12908183	512908	HCFC1	host cell factor C1 (VP16-accessory protein)	1,0
12762195	508043	PTTG1	pituitary tumor-transforming 1	1,0
12884790	510625	LOC510625	similar to olfactory receptor, family 7, subfamily A, member 17	1,0
12812592	514998	CLDN15	claudin 15	1,0
12753723	615138	TDRD12	tudor domain containing 12	1,0
12895983	784731	LOC784731	similar to ribosomal protein S4, X-linked X	1,0
12841926	788087	MCL1	myeloid cell leukemia sequence 1 (BCL2-related)	1,0
12795751	515736	LOC515736	caspase-15	1,0
12697254	616825	STYX	serine/threonine/tyrosine interacting protein	1,0
12782005	520964	LDLRAD2	low density lipoprotein receptor class A domain containing 2	1,0
12681097	526526	RAB6B	RAB6B, member RAS oncogene family	1,0
12746803	517456	PXN	paxillin	1,0
12822468	523752	IDE	insulin-degrading enzyme	1,0
12875858	617976	LDB2	LIM domain binding 2	1,0
12773002	617955	SPACA3	sperm acrosome associated 3	1,0

12771091	523424	LOC523424	similar to Pleckstrin homology domain-containing family M member 1 (162 kDa adapter protein) (AP162)	1,0
12850831	529920	LRGUK	leucine-rich repeats and guanylate kinase domain containing	1,0
12841563	768006	GPR161	G protein-coupled receptor 161	1,0
12691180	539532	EXD2	exonuclease 3'-5' domain containing 2	1,0
12786629	617172	PPAP2A	phosphatidic acid phosphatase type 2A	1,0
12699669	510657	GPR45	G protein-coupled receptor 45	1,0
12870313	287016	H2AFZ	H2A histone family, member Z	1,0
12753689	614870	POP4	processing of precursor 4, ribonuclease P/MRP subunit (S. cerevisiae)	1,0
12882246	784642	LOC784642	similar to ferritin L subunit	1,0
12703470	100294882	LOC100294882	hypothetical protein LOC100294882	1,0
12731267	505574	CD59	CD59 molecule, complement regulatory protein	1,0
12850231	515127	NUPL2	nucleoporin like 2	1,0
12823404	100298364	LOC100298364	similar to defensin, beta 1 preproprotein	1,0
12844800	514870	WDR3	WD repeat domain 3	1,0
12755534	100336898	LOC100336898	Multiple epidermal growth factor-like domains protein 8-like	1,0
12835210	784876	KCNQ1	potassium voltage-gated channel, KQT-like subfamily, member 1	1,0
12805278	510824	MRPS18B	mitochondrial ribosomal protein S18B	1,0
12902219	100124524	GPRASP1	G protein-coupled receptor associated sorting protein 1	1,0
12887633	613489	DCTN4	dynactin 4 (p62)	1,0
12881052	538783	TBXA2R	thromboxane A2 receptor	1,0
12783857	540559	LANCL1	LanC lantibiotic synthetase component C-like 1 (bacterial)	1,0
12712247	528075	RNF17	ring finger protein 17	1,0
12835737	280831	JUN	jun oncogene	1,0
12702509	614049	NPAS2	neuronal PAS domain protein 2	1,0
12756538	508199	EPN1	epsin 1	1,0
12873095	100337226	LOC100337226	ephrin receptor EphA5-like	1,0
12869075	782234	LOC782234	hypothetical LOC782234	1,0
12754955	790879	ZNF260	zinc finger protein 260	1,0
12902162	100296115	LOC100296115	hypothetical protein LOC100296115	1,0
12903846	512877	CENPI	centromere protein I	1,0
12714079	505050	PSMA7	proteasome (prosome, macropain) subunit, alpha type, 7	1,0
12807097	786491	MGC165685	hypothetical protein LOC786491	1,0
12902815	280910	RGN	regucalcin (senescence marker protein-30)	1,0
12831548	538595	CCDC89	coiled-coil domain containing 89	1,0
12762086	507443	LOC507443	similar to threonine aldolase 1	1,0
12845010	517397	AGL	amylo-1, 6-glucosidase, 4-alpha-glucanotransferase	1,0
12891400	538406	TMC1	transmembrane channel-like 1	1,0
12753926	617530	CEBPG	CCAAT/enhancer binding protein (C/EBP), gamma	1,0
12793256	534419	TC2N	tandem C2 domains, nuclear	1,0
12895926	783970	EXTL3	exostoses (multiple)-like 3	1,0
12814070	617118	DNAJC30	DnaJ (Hsp40) homolog, subfamily C, member 30	1,0
12771411	530761	MKS1	Meckel syndrome, type 1	1,0
12811053	100298252	LOC100298252	similar to integrin alpha X	1,0
12834425	533107	FADS1	fatty acid desaturase 1	1,0
12758918	539411	DDX28	DEAD (Asp-Glu-Ala-Asp) box polypeptide 28	1,0
12749036	100335839	LOC100335839	hypothetical protein LOC100335839	1,0
12812559	514765	ZNF205	zinc finger protein 205	1,0
12878920	513302	PCDHAC1	protocadherin alpha subfamily C, 1	1,0
12687104	768067	MGC134427	hypothetical protein MGC134427	1,0
12790424	526547	LOC526547	similar to Chromosome 14 open reading frame 73	1,0
12766822	100313285	MIR2349	microRNA mir-2349	1,0

12738891	506127	SKI	v-ski sarcoma viral oncogene homolog (avian)	1,0
12893339	510680	HDHD3	haloacid dehalogenase-like hydrolase domain containing 3	1,0
12881959	618071	LOC618071	hypothetical LOC618071	1,0
12820662	538466	TECTB	tectorin beta	1,0
12816154	509566	ALDOA	aldolase A, fructose-bisphosphate	1,0
12829805	505619	KAT5	K(lysine) acetyltransferase 5	1,0
12724033	100336824	LOC100336824	novel gene similar to vertebrate polycystic kidney and hepatic disease 1 (autosomal recessive)-like 1 (PKHD1L1)-like	1,0
12713529	100337471	LOC100337471	ubiquitin-conjugating enzyme E2D 3-like	1,0
12713395	100300643	LOC100300643	similar to ubiquitin-conjugating enzyme E2D 3	1,0
12713290	100296471	LOC100296471	similar to ubiquitin-conjugating enzyme E2D 3	1,0
12830692	514643	SSH3	slingshot homolog 3 (Drosophila)	1,0
12890417	516087	SCARA5	scavenger receptor class A, member 5 (putative)	1,0
12829024	789800	ABCB10	ATP-binding cassette, sub-family B (MDR/TAP), member 10	1,0
12803955	785479	HMG1	high-mobility group nucleosome binding domain 1	1,0
12847687	617793	TDRD10	tudor domain containing 10	1,0
12743410	530023	CABIN1	calcineurin binding protein 1	1,0
12796744	540604	TTC21A	tetratricopeptide repeat domain 21A	1,0
12906573	100312990	MIR105B	microRNA mir-105b	1,0
12879339	518429	LOC518429	similar to Olfactory receptor 6F1 (Olfactory receptor OR1-38)	1,0
12699987	514559	TTL	tubulin tyrosine ligase	1,0
12723623	618755	LOC618755	hypothetical protein LOC618755	1,0
12804528	281741	CYP21	cytochrome P450, subfamily XXI (steroid 21-hydroxylase)	1,0
12784613	783834	RPL15	ribosomal protein L15	1,0
12712963	616226	COMM6	COMM domain containing 6	1,0
12840801	540060	TWIST2	twist homolog 2 (Drosophila)	1,0
12768508	507472	DRG2	developmentally regulated GTP binding protein 2	1,0
12804496	281454	RHAG	Rh-associated glycoprotein	1,0
12869456	790872	NAP1L1	nucleosome assembly protein 1-like 1	1,0
12731709	511084	ZW10	ZW10, kinetochore associated, homolog (Drosophila)	1,0
12858289	506821	IFFO1	intermediate filament family orphan 1	1,0
12863408	100139879	NUP37	nucleoporin 37kDa	1,0
12791944	505499	CLK3	CDC-like kinase 3	1,0
12711992	519724	CAB39L	calcium binding protein 39-like	1,0
12815180	281202	GNB2	guanine nucleotide binding protein (G protein), beta polypeptide 2	1,0
12827380	785833	SLC18A3	solute carrier family 18 (vesicular acetylcholine), member 3	1,0
12902050	616954	ZNF813	zinc finger protein 813	1,0
12683092	100336624	LOC100336624	collagen type VI alpha 4-like	1,0
12751106	511941	CEACAM19	carcinoembryonic antigen-related cell adhesion molecule 19	1,0
12856280	100138428	LOC100138428	hypothetical protein LOC100138428	1,0
12811240	100336895	LOC100336895	rhomboid protease 1-like	1,0
12790617	533653	CSPG4	chondroitin sulfate proteoglycan 4	1,0
12682955	100295800	LOC100295800	similar to COX17 homolog, cytochrome c oxidase assembly protein	1,0
12898874	615440	NDUFA4	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly factor 4	1,0
12897800	531488	WASF1	WAS protein family, member 1	1,0
12815028	100313181	MIR2384-2	microRNA mir-2384-2	1,0
12694538	511329	PARP6	poly (ADP-ribose) polymerase family, member 6	1,0
12707503	539808	VAX2	ventral anterior homeobox 2	1,0
12907016	281011	ARR3	arrestin 3, retinal (X-arrestin)	1,0

12859302	513297	L3MBTL2	l(3)mbt-like 2 (Drosophila)	1,0
12818847	100337146	LOC100337146	mKIAA4201 protein-like	1,0
12730404	787671	LOC787671	similar to Hemoglobin subunit beta (Hemoglobin beta chain) (Beta-globin)	1,0
12861395	536956	YARS2	tyrosyl-tRNA synthetase 2, mitochondrial	1,0
12904088	515282	ALG13	asparagine-linked glycosylation 13 homolog (S. cerevisiae)	1,0
12779953	100296270	LOC100296270	hypothetical protein LOC100296270	1,0
12835470	100139285	KNCN	kinocilin	1,0
12690553	533581	CMYA5	cardiomyopathy associated 5	1,0
12741819	100337057	LOC100337057	nuclear receptor co-repressor 2-like	1,0
12741490	784385	LOC784385	similar to nucleophosmin 1	1,0
12764610	536256	SARM1	sterile alpha and TIR motif containing 1	1,0
12860574	527819	KRT4	keratin 4	1,0
12822300	516091	CUEDC2	CUE domain containing 2	1,0
12885188	512971	POLR2E	polymerase (RNA) II (DNA directed) polypeptide E, 25kDa	1,0
12683236	280710	TNK2	tyrosine kinase, non-receptor, 2	1,0
12695550	527362	LOC527362	similar to Protein SOLO	1,0
12900617	524074	LOC524074	similar to Regulatory factor X domain-containing protein 1	1,0
12683327	281645	BFSP2	beaded filament structural protein 2, phakinin	1,0
12696189	535192	LIPC	lipase, hepatic	1,0
12881636	614570	EIF4E1B	eukaryotic translation initiation factor 4E family member 1B	1,0
12700059	515380	EDF1	endothelial differentiation-related factor 1	1,0
12730938	282295	ORP150	oxygen regulated protein, 150 kDa	1,0
12759670	767935	SERTAD3	SERTA domain containing 3	1,0
12767314	281883	KCNJ2	potassium inwardly-rectifying channel, subfamily J, member 2	1,0
12698022	100294744	LOC100294744	hypothetical protein LOC100294744	1,0
12839892	533508	ODF2L	outer dense fiber of sperm tails 2-like	1,0
12760476	100313156	MIR2346	microRNA mir-2346	1,0
12872694	782110	PPP2R2C	protein phosphatase 2 (formerly 2A), regulatory subunit B, gamma isoform	1,0
12780935	508161	PADI4	peptidyl arginine deiminase, type IV	1,0
12747809	539225	MAB21L2	mab-21-like 2 (C. elegans)	1,0
12872988	100335739	LOC100335739	Transmembrane protease, serine 11E2-like	1,0
12904144	515539	FAM50A	family with sequence similarity 50, member A	1,0
12682713	782861	CPNE4	copine IV	1,0
12749769	493993	PSENEN	presenilin enhancer 2 homolog (C. elegans)	1,0
12838642	516320	LOC516320	similar to CUB domain containing protein 2	1,0
12841695	783721	LOC783721	hypothetical LOC783721	1,0
12779933	100295744	LOC100295744	similar to homeobox D3	1,0
12884619	509618	LOC509618	similar to rCG62907	1,0
12687181	783535	LOC783535	similar to keratin associated protein 10-2	1,0
12767220	281542	TP53	tumor protein p53	1,0
12738122	100302586	LOC100302586	hypothetical protein LOC100302586	1,0
12884800	510889	THOP1	thimet oligopeptidase 1	1,0
12705749	514962	DOK1	docking protein 1	1,0
12700752	522893	GPR113	G protein-coupled receptor 113	1,0
12890363	515679	LOC515679	similar to Uncharacterized protein C8orf80	1,0
12881351	540265	TRIM41	tripartite motif-containing 41	1,0
12765094	540369	DYNLL2	dynein light chain LC8-type 2	1,0
12903493	507696	LOC507696	similar to KIAA0443	1,0
12819300	507578	LIPK	lipase, family member K	1,0
12745803	505922	SART3	squamous cell carcinoma antigen recognized by T cells 3	1,0
12684204	509942	CHRD	chordin	1,0

12808932	100295096	LOC100295096	similar to histone cluster 1, H2bd	1,0
12727723	513240	HBE2	globin, beta, epsilon 2	1,0
12894451	531411	ENTPD4	ectonucleoside triphosphate diphosphohydrolase 4	1,0
12881069	538944	CKMT2	creatine kinase, mitochondrial 2 (sarcomeric)	1,0
12771833	535126	PGS1	phosphatidylglycerophosphate synthase 1	1,0
12836266	408002	ATG4B	ATG4 autophagy related 4 homolog B (<i>S. cerevisiae</i>)	1,0
12854146	514983	SLC13A1	solute carrier family 13 (sodium/sulfate symporters), member 1	1,0
12784107	613694	KCTD18	potassium channel tetramerisation domain containing 18	1,0
12757301	514504	EPS8L1	EPS8-like 1	1,0
12731701	510584	LOC510584	similar to olfactory receptor, family 52, subfamily W, member 1	1,0
12805740	515548	TREML2	triggering receptor expressed on myeloid cells-like 2	1,0
12857753	504364	NCKAP5L	NCK-associated protein 5-like	1,0
12872747	786091	LOC786091	similar to 40S ribosomal protein S26	1,0
12716726	540059	RBPJL	recombination signal binding protein for immunoglobulin kappa J region-like	1,0
12815746	506163	MOSPD3	motile sperm domain containing 3	1,0
12822603	532640	NRAP	nebulin-related anchoring protein	1,0
12752191	522018	NLRP12	NLR family, pyrin domain containing 12	1,0
12830540	513236	LOC513236	similar to tigger transposable element derived 3	1,0
12781514	514114	SFT2D3	SFT2 domain containing 3	1,0
12702799	616916	REEP1	receptor accessory protein 1	1,0
12893804	514627	SPAG8	sperm associated antigen 8	1,0
12757203	513951	FBXO31	F-box protein 31	1,0
12892631	281312	MSRA	methionine sulfoxide reductase A	1,0
12755867	282420	CSNK2A2	casein kinase 2, alpha prime polypeptide	1,0
12762746	511073	GIP	gastric inhibitory polypeptide	1,0
12850403	518005	TXNDC3	thioredoxin domain containing 3 (spermatozoa)	1,0
12680212	513673	LOC513673	similar to serine/threonine kinase	1,0
12885538	516409	LOC516409	similar to rCG58596	1,0
12681132	527363	LOC527363	similar to kelch-like 6	1,0
12825604	782022	LOC782022	similar to mitochondria-associated granulocyte macrophage CSF signaling molecule	1,0
12718089	282216	DNAJC5	DnaJ (Hsp40) homolog, subfamily C, member 5	1,0
12820874	613571	MGC152007	protein fucU homolog	1,0
12885154	512890	USE1	unconventional SNARE in the ER 1 homolog (<i>S. cerevisiae</i>)	1,0
12756629	509150	ETHE1	ethylmalonic encephalopathy 1	1,0
12791012	540449	LOC540449	similar to Uncharacterized protein C14orf152	1,0
12690103	527889	CSNK1G1	casein kinase 1, gamma 1	1,0
12846451	535344	ZC3H12A	zinc finger CCCH-type containing 12A	1,0
12713492	100337264	LOC100337264	ubiquitin-conjugating enzyme E2D 3-like	1,0
12794248	100335506	LOC100335506	zinc finger protein 651-like	1,0
12685626	532844	ATP1B3	ATPase, Na ⁺ /K ⁺ transporting, beta 3 polypeptide	1,0
12818814	100313479	MIR2397	microRNA mir-2397	1,0
12790465	528380	MIPOL1	mirror-image polydactyly 1	1,0
12730056	617737	LOC617737	hypothetical LOC617737	1,0
12807131	786760	LOC786760	similar to butyrophilin, subfamily 3, member A3	1,0
12885544	517002	ACP5	acid phosphatase 5, tartrate resistant	1,0
12794229	100313171	MIR2368	microRNA mir-2368	1,0
12709777	522707	RAP2A	RAP2A, member of RAS oncogene family	1,0
12838491	515085	FCRL3	Fc receptor-like 3	1,0
12680708	518728	MAGEF1	melanoma antigen family F, 1	1,0
12739007	507869	TPR	translocated promoter region (to activated MET oncogene)	1,0
12769065	509278	METT10D	methyltransferase 10 domain containing	1,0
12802379	520966	GFOD1	glucose-fructose oxidoreductase domain containing 1	1,0

12902444	100298723	LOC100298723	similar to myotubularin related protein 8	1,0
12808655	615323	GRP	gastrin-releasing peptide	1,0
12842922	337889	LRRC41	leucine rich repeat containing 41	1,0
12890045	510920	CDK20	cyclin-dependent kinase 20	1,0
12862169	613306	SMCR7L	Smith-Magenis syndrome chromosome region, candidate 7-like	1,0
12902669	100336670	LOC100336670	calcium channel, voltage-dependent, alpha 1F subunit-like	1,0
12687032	617245	PTTG1IP	pituitary tumor-transforming 1 interacting protein	1,0
12741520	787966	SLC9A11	solute carrier family 9, member 11	1,0
12790099	516451	ZNF592	zinc finger protein 592	1,0
12862277	614183	NUDT4	nudix (nucleoside diphosphate linked moiety X)-type motif 4	1,0
12752064	520269	ZNF536	zinc finger protein 536	1,0
12755348	100298980	LOC100298980	similar to zinc finger protein 264	1,0
12764957	539147	GEMIN4	gem (nuclear organelle) associated protein 4	1,0
12763426	515848	ACBD4	acyl-Coenzyme A binding domain containing 4	1,0
12855991	616856	LOC616856	similar to G-substrate	1,0
12679322	507414	PIK3R4	phosphoinositide-3-kinase, regulatory subunit 4	1,0
12703078	777770	KIF3C	kinesin family member 3C	1,0
12810909	100139490	LOC100139490	hypothetical protein LOC100139490	1,0
12814953	100298352	LOC100298352	hypothetical protein LOC100298352	1,0
12753587	613566	ZNF154	zinc finger protein 154	1,0
12728426	522679	LOC522679	similar to claudin-like	1,0
12804297	100336975	LOC100336975	hypothetical protein LOC100336975	1,0
12698070	100297538	SLC4A4	solute carrier family 4, sodium bicarbonate cotransporter, member 4	1,0
12678891	414345	CD86	CD86 molecule	1,0
12707908	614512	FANCL	Fanconi anemia, complementation group L	1,0
12764000	528151	DHX33	DEAH (Asp-Glu-Ala-His) box polypeptide 33	1,0
12735867	518906	GPR153	G protein-coupled receptor 153	1,0
12714031	504543	TBC1D20	TBC1 domain family, member 20	1,0
12718447	505570	C13H20ORF11	chromosome 20 open reading frame 11 ortholog	1,0
12902413	100297334	LOC100297334	similar to armadillo repeat containing, X-linked 1	1,0
12795899	520188	CDC25A	cell division cycle 25 homolog A (S. pombe)	1,0
12874495	522186	YIPF7	Yip1 domain family, member 7	1,0
12787881	529500	AHRR	aryl-hydrocarbon receptor repressor	1,0
12835742	280922	SAG	S-antigen; retina and pineal gland (arrestin)	1,0
12737317	615910	PLEKHG5	pleckstrin homology domain containing, family G (with RhoGef domain) member 5	1,0
12692221	768019	C10H15orf43	chromosome 15 open reading frame 43 ortholog	1,0
12754788	788019	LOC788019	similar to Actin-related protein 2 (Actin-like protein 2)	1,0
12789556	508115	NGRN	neugrin, neurite outgrowth associated	1,0
12837973	512336	HFE2	hemochromatosis type 2 (juvenile)	1,0
12907805	509779	CACNA1F	calcium channel, voltage-dependent, L type, alpha 1F subunit	1,0
12808135	531505	MYL12A	myosin, light chain 12A, regulatory, non-sarcomeric	1,0
12887691	614113	MGC127057	hypothetical protein LOC614113	1,0
12748358	785023	PRAME	preferentially expressed antigen in melanoma	1,0
12708721	100125312	UBAC2	UBA domain containing 2	1,0
12738774	504811	CAMTA1	calmodulin binding transcription activator 1	1,0
12881746	615296	LASS1	LAG1 homolog, ceramide synthase 1	1,0
12791383	787825	LOC787825	similar to dynein light chain 1	1,0
12801228	287025	GPLD1	glycosylphosphatidylinositol specific phospholipase D1	1,0
12831301	531801	SIGIRR	single immunoglobulin and toll-interleukin 1 receptor (TIR) domain	1,0
12799181	515976	CCRL2	chemokine (C-C motif) receptor-like 2	1,0
12823409	100299478	LOC100299478	hypothetical protein LOC100299478	1,0

12804580	282264	KCNK17	potassium channel, subfamily K, member 17	1,0
12830902	517144	LOC517144	similar to seven transmembrane helix receptor	1,0
12829820	505657	INTS4	integrator complex subunit 4	1,0
12900295	515854	SGK1	serum/glucocorticoid regulated kinase 1	1,0
12798935	511968	NDUFAF3	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly factor 3	1,0
12698300	100337234	LOC100337234	olfactory receptor, family 1, subfamily F, member 1-like	1,0
12764229	531673	CASC3	cancer susceptibility candidate 3	1,0
12685005	521454	SLC12A8	solute carrier family 12 (potassium/chloride transporters), member 8	1,0
12852695	100298628	LOC100298628	similar to HIG1 domain family, member 1A	1,0
12907794	509591	RBMX	RNA binding motif protein, X-linked	1,0
12887525	541266	SLC22A5	solute carrier family 22 (organic cation/carnitine transporter), member 5	1,0
12875048	534032	AFAP1	actin filament associated protein 1	1,0
12851804	614280	C4H7orf23	transmembrane protein C7orf23 homolog	1,0
12809470	510301	ATP9B	ATPase, class II, type 9B	1,0
12768724	508246	MYST2	MYST histone acetyltransferase 2	1,0
12895255	613855	BAG1	BCL2-associated athanogene	1,0
12733840	783022	LOC783022	similar to proline-rich nuclear receptor coactivator 2	1,0
12866638	523518	SCUBE1	signal peptide, CUB domain, EGF-like 1	1,0
12782756	532551	GLB1L	galactosidase, beta 1-like	1,0
12836219	337886	S100A11	S100 calcium binding protein A11 (calgizzarin)	1,0
12744488	615668	CCDC117	coiled-coil domain containing 117	1,0
12741692	100295347	LOC100295347	similar to cytochrome c oxidase subunit VIIb	1,0
12807232	790110	C23H6ORF142	chromosome 6 open reading frame 142 ortholog	1,0
12694053	507530	C14orf44	chromosome 14 open reading frame 44	1,0
12710802	781940	LOC781940	similar to Chromosome 13 open reading frame 28	1,0
12705102	510529	SNRNP200	small nuclear ribonucleoprotein 200kDa (U5)	1,0
12816321	511233	ORAI2	ORAI calcium release-activated calcium modulator 2	1,0
12799005	514330	LOC514330	MMP37-like protein, mitochondrial	1,0
12778300	537517	TLK1	tousled-like kinase 1	1,0
12805092	507264	SERPINB1	serpin peptidase inhibitor, clade B (ovalbumin), member 1	1,0
12712856	615488	LOC615488	similar to fibroblast growth factor 14	1,0
12763074	513067	ARSG	arylsulfatase G	1,0
12741751	100299729	LOC100299729	similar to amiloride-sensitive cation channel 5, intestinal	1,0
12741807	100336744	LOC100336744	RAN binding protein 1-like	1,0
12888841	100300649	LOC100300649	hypothetical protein LOC100300649	1,0
12837199	507369	GNL2	guanine nucleotide binding protein-like 2 (nucleolar)	1,0
12806720	615134	UNC5CL	unc-5 homolog C (C. elegans)-like	1,0
12831908	617011	LOC617011	similar to Olfactory receptor 8A1 (OST025)	1,0
12692267	781719	MRPS17	mitochondrial ribosomal protein S17	1,0
12873024	100336832	LOC100336832	diacylglycerol kinase, theta-like	1,0
12841329	616718	BRP44	brain protein 44	1,0
12792928	527638	TRPM1	transient receptor potential cation channel, subfamily M, member 1	1,0
12756774	510353	ACD	adrenocortical dysplasia homolog (mouse)	1,0
12705028	509834	DGUOK	deoxyguanosine kinase	1,0
12753328	538955	FOXL1	forkhead box L1	1,0
12750768	510164	USP10	ubiquitin specific peptidase 10	1,0
12700728	522114	IL1RL2	interleukin 1 receptor-like 2	1,0
12850418	518313	KIAA1324L	UPF0577 protein KIAA1324-like	1,0
12688973	511431	ACOT4	acyl-CoA thioesterase 4	1,0
12736928	537745	FBXO28	F-box protein 28	1,0
12713132	788183	LOC788183	similar to Ring finger protein 146	1,0
12805578	514216	TCF19	transcription factor 19	1,0
12852535	787786	LOC787786	similar to olfactory receptor OR7-15	1,0

12856550	100336651	LOC100336651	serine/threonine protein kinase pim-3-like	1,0
12807105	786496	ZNF318	zinc finger protein 318	1,0
12699468	508875	TP53I3	tumor protein p53 inducible protein 3	1,0
12774621	282644	ITGB6	integrin, beta 6	1,0
12732834	534265	CTR9	Ctr9, Paf1/RNA polymerase II complex component, homolog (S. cerevisiae)	1,0
12826954	540175	GPRIN2	G protein regulated inducer of neurite outgrowth 2	1,0
12731159	504369	LOC504369	similar to Olfactory receptor 5B2 (Olfactory receptor OR11-240) (OST073)	1,0
12745255	100336994	LOC100336994	zinc finger protein 280B-like	1,0
12760427	100297413	LOC100297413	similar to cytochrome c oxidase, subunit VIIc	1,0
12769680	511619	AXIN2	axin 2	1,0
12910770	787968	LOC787968	similar to doublecortin	1,0
12866809	528562	ELFN2	extracellular leucine-rich repeat and fibronectin type III domain containing 2	1,0
12877494	504587	C7H19ORF43	chromosome 19 open reading frame 43 ortholog	1,0
12737699	783432	TNFRSF25	tumor necrosis factor receptor superfamily, member 25	1,0
12713294	100296842	LOC100296842	similar to ubiquitin-conjugating enzyme E2D 3	1,0
12748233	767971	DGCR2	DiGeorge syndrome critical region gene 2	1,0
12884731	510465	CRTC1	CREB regulated transcription coactivator 1	1,0
12849449	407228	CUL1	cullin 1	1,0
12813407	532099	HS3ST2	heparan sulfate (glucosamine) 3-O-sulfotransferase 2	1,0
12796699	539265	ZNF502	zinc finger protein 502	1,0
12829370	280799	GAL	galanin prepropeptide	1,0
12814240	617981	LOC617981	similar to mCG56186	1,0
12889977	509776	DCAF10	DDB1 and CUL4 associated factor 10	1,0
12894057	519342	EBF2	early B-cell factor 2	1,0
12706731	532883	LOC532883	hypothetical LOC532883	1,0
12904168	515569	EBP	emopamil binding protein (sterol isomerase)	1,0
12895193	541068	SPIN1	spindlin 1	1,0
12786382	540376	AMACR	alpha-methylacyl-CoA racemase	1,0
12798684	508324	ACAA1	acetyl-Coenzyme A acyltransferase 1	1,0
12738987	507432	MAP1LC3C	microtubule-associated protein 1 light chain 3 gamma	1,0
12721350	788089	LOC788089	similar to olfactory receptor 1183	1,0
12810655	615146	SOCS6	suppressor of cytokine signaling 6	1,0
12845247	521663	LOC521663	similar to CD1b molecule	1,0
12724016	100335514	LOC100335514	hypothetical protein LOC100335514	1,0
12846788	538770	UHMK1	U2AF homology motif (UHM) kinase 1	1,0
12757404	516050	MRCL	mannose receptor-like precursor	1,0
12761361	404137	RPL27	ribosomal protein L27	1,0
12824545	781220	CBX1	chromobox homolog 1 (HP1 beta homolog Drosophila)	1,0
12733518	615347	BSX	brain-specific homeobox	1,0
12759878	785907	LOC785907	similar to Orphan sodium- and chloride-dependent neurotransmitter transporter NTT5 (Solute carrier family 6 member 16)	1,0
12797274	767824	CMC1	COX assembly mitochondrial protein homolog (S. cerevisiae)	1,0
12880047	526637	SPINK5	serine peptidase inhibitor, Kazal type 5	1,0
12758493	533209	C18H19orf12	chromosome 19 open reading frame 12 ortholog	1,0
12866332	517022	USP44	ubiquitin specific peptidase 44	1,0
12818101	540680	GPR139	G protein-coupled receptor 139	1,0
12830071	507966	CDC42EP2	CDC42 effector protein (Rho GTPase binding) 2	1,0
12839214	525765	THEM5	thioesterase superfamily member 5	1,0
12852472	785676	TAS2R60	taste receptor, type 2, member 60	1,0
12713490	100337248	LOC100337248	ubiquitin-conjugating enzyme E2D 3-like	1,0
12713488	100337232	LOC100337232	ubiquitin-conjugating enzyme E2D 3-like	1,0
12756845	510904	LOC510904	hypothetical LOC510904	1,0
12839689	532100	LOC532100	similar to olfactory receptor 62	1,0
12732732	533631	CHRD2	chordin-like 2	1,0

12794748	506889	PCBP4	poly(rC) binding protein 4	1,0
12868148	540741	SP1	Sp1 transcription factor	1,0
12899931	509038	IL20RA	interleukin 20 receptor, alpha	1,0
12714535	508431	ITCH	itchy E3 ubiquitin protein ligase homolog (mouse)	1,0
12773218	768225	NR1D1	nuclear receptor subfamily 1, group D, member 1	1,0
12824358	535030	TNKS	tankyrase, TRF1-interacting ankyrin-related ADP-ribose polymerase	1,0
12841257	615787	LOC615787	similar to Cytosolic carboxypeptidase 6 (ATP/GTP-binding protein-like 4)	1,0
12775843	508767	CPOX	coproporphyrinogen oxidase	1,0
12739235	510784	TMEM81	transmembrane protein 81	1,0
12698027	100294952	LOC100294952	similar to pre-B lymphocyte 3	1,0
12848425	100139854	ZNF862	zinc finger protein 862	1,0
12696144	534159	C10H15orf44	chromosome 15 open reading frame 44 ortholog	1,0
12744763	781161	FREM3	FRAS1 related extracellular matrix 3	1,0
12805793	516723	LOC516723	similar to tripartite motif-containing 39	1,0
12788651	100296950	LOC100296950	hypothetical protein LOC100296950	1,0
12746671	515338	ACACB	acetyl-Coenzyme A carboxylase beta	1,0
12852754	100313466	MIR2419	microRNA mir-2419	1,0
12746423	512750	UBE3B	ubiquitin protein ligase E3B	1,0
12706740	532919	NRBP1	nuclear receptor binding protein 1	1,0
12875806	616618	LOC616618	similar to Chromosome 4 open reading frame 36	1,0
12793588	540267	ST8SIA2	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 2	1,0
12778169	536537	RQCD1	RCD1 required for cell differentiation1 homolog (S. pombe)	1,0
12823758	509646	UBXN8	UBX domain protein 8	1,0
12910408	781112	LOC781112	similar to P antigen family, member 3 (prostate associated)	1,0
12702344	540868	LOC540868	similar to Cytochrome P450 26B1 (P450 26A2) (P450 retinoic acid-inactivating 2) (P450RAI-2) (Retinoic acid-metabolizing cytochrome)	1,0
12842441	100313015	MIR197	microRNA mir-197	1,0
12694889	515314	TOX4	TOX high mobility group box family member 4	1,0
12828107	515046	ARV1	ARV1 homolog (S. cerevisiae)	1,0
12705521	512902	CRAT	carnitine acetyltransferase	1,0
12845288	522059	RAVER2	ribonucleoprotein, PTB-binding 2	1,0
12727890	514443	TAF10	TAF10 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 30kDa	1,0
12780340	282319	PPP1R8	protein phosphatase 1, regulatory (inhibitor) subunit 8	1,0
12892306	100138192	IFNK	interferon kappa	1,0
12813322	528959	LOC528959	similar to hCG1658583	1,0
12695752	529746	LOC529746	similar to Uncharacterized protein C14orf145	1,0
12894663	534869	KANK1	KN motif and ankyrin repeat domains 1	1,0
12733388	613962	LOC613962	similar to olfactory receptor, family 56, subfamily A, member 3	1,0
12894998	539274	AKNA	AT-hook transcription factor	1,0
12866047	514963	AMHR2	anti-Mullerian hormone receptor, type II	1,0
12894580	533245	EXOSC3	exosome component 3	1,0
12815307	327702	NDUFAB1	NADH dehydrogenase (ubiquinone) 1, alpha/beta subcomplex, 1, 8kDa	1,0
12802388	522029	RPL7L1	ribosomal protein L7-like 1	1,0
12718471	505807	PCMTD2	protein-L-isoaspartate (D-aspartate) O-methyltransferase domain containing 2	1,0
12780071	100337343	LOC100337343	zinc finger, DHHC-type containing 18-like	1,0
12886568	533435	LOC533435	similar to BTB (POZ) domain containing 2	1,0
12698154	100299651	ABCA2	ATP-binding cassette, sub-family A (ABC1), member 2	1,0
12745810	505923	FICD	FIC domain containing	1,0
12698201	100300008	LOC100300008	similar to reticulon 4 receptor	1,0

12773767	790064	LOC790064	similar to lung cancer-related protein 8	1,0
12837450	508986	LOC508986	similar to Olfactory receptor 10J5	1,0
12859353	513765	TRABD	TraB domain containing	1,0
12834497	534553	CFL1	cofilin 1 (non-muscle)	1,0
12900104	512853	MANEA	mannosidase, endo-alpha	1,0
12796909	615114	SELK	selenoprotein K	1,0
12816635	513858	TBC1D10B	TBC1 domain family, member 10B	1,0
12905500	540666	HDAC8	histone deacetylase 8	1,0
12824680	100141191	LOC100141191	hypothetical protein LOC100141191	1,0
12770498	515555	TIMM22	translocase of inner mitochondrial membrane 22 homolog (yeast)	1,0
12807068	784131	EEF1A1	eukaryotic translation elongation factor 1 alpha 1	1,0
12802108	515523	SLC17A2	solute carrier family 17 (sodium phosphate), member 2	1,0
12704362	505681	MRPS2	mitochondrial ribosomal protein S2	1,0
12754019	617879	GIPR	gastric inhibitory polypeptide receptor	1,0
12826267	514623	URB2	URB2 ribosome biogenesis 2 homolog (S. cerevisiae)	1,0
12871619	533295	NSUN7	NOP2/Sun domain family, member 7	1,0
12699408	508794	DNM1	dynamitin 1	1,0
12746771	516376	BBS12	Bardet-Biedl syndrome 12	1,0
12813920	614614	LOC614614	similar to predicted protein	1,0
12773068	618422	LOC618422	similar to huntingtin-associated protein 1	1,0
12691768	613647	CHMP4A	chromatin modifying protein 4A	1,0
12751248	512457	WWP2	WW domain containing E3 ubiquitin protein ligase 2	1,0
12887731	615094	SLCO6A1	solute carrier organic anion transporter family, member 6A1	1,0
12708147	616986	REV1	REV1 homolog (S. cerevisiae)	1,0
12879619	522074	CD70	CD70 molecule	1,0
12681445	533791	NSUN3	NOP2/Sun domain family, member 3	1,0
12777266	527412	TTC21B	tetratricopeptide repeat domain 21B	1,0
12899855	507401	OOEP	oocyte expressed protein homolog (dog)	1,0
12759252	615492	SMG9	protein SMG9	1,0
12710729	617960	F7	coagulation factor VII	1,0
12901831	616690	LOC616690	similar to mCG56196	1,0
12715376	518569	BPIL3	bactericidal/permeability-increasing protein-like 3	1,0
12791451	100125777	BTBD6	BTB (POZ) domain containing 6	1,0
12761748	505575	TMC6	transmembrane channel-like 6	1,0
12758893	539321	SERTAD1	SERTA domain containing 1	1,0
12883748	504757	POLRMT	polymerase (RNA) mitochondrial (DNA directed)	1,0
12798892	511299	SETMAR	SET domain and mariner transposase fusion gene	1,0
12764333	532673	CHD3	chromodomain helicase DNA binding protein 3	1,0
12703595	100300896	LOC100300896	similar to sulfotransferase family, cytosolic, 1C, member 1	1,0
12766410	790891	DNAH9	dynein, axonemal, heavy chain 9	1,0
12697963	100138621	ZNF513	zinc finger protein 513	1,0
12790914	539267	LINS1	lines homolog 1 (Drosophila)	1,0
12907269	282370	SMC1A	structural maintenance of chromosomes 1A	1,0
12877821	506037	UNC5A	unc-5 homolog A (C. elegans)	1,0
12862538	617388	LOC617388	similar to olfactory receptor Olr1105	1,0
12803184	538700	BOLA-DRB2	histocompatibility complex, class II, DR beta 2	1,0
12804167	100139548	LOC100139548	similar to superkiller viralicidic activity 2-like	1,0
12690300	530485	LOC530485	similar to olfactory receptor 773 (predicted)	1,0
12695121	518432	TEX9	testis expressed 9	1,0
12829781	505383	DLG2	discs, large homolog 2 (Drosophila)	1,0
12753459	540014	ZNF134	similar to zinc finger protein 134	1,0
12766352	789422	UBE2O	ubiquitin-conjugating enzyme E2O	1,0
12706224	523736	PIP5KL1	phosphatidylinositol-4-phosphate 5-kinase-like 1	1,0
12758375	530795	KLK9	kallikrein-related peptidase 9	1,0
12775992	509827	ATF2	activating transcription factor 2	1,0
12863852	100336892	LOC100336892	hypothetical protein LOC100336892	1,0

12863543	100295976	LOC100295976	hypothetical protein LOC100295976	1,0
12737608	767954	MGC133602	hypothetical protein MGC133602	1,0
12765122	540586	SOCS4	similar to Suppressor of cytokine signaling 7 (SOCS-7) (Nck, Ash and phospholipase C gamma-binding protein) (Nck-associated protein 4) (NAP-4)	1,0
12849292	317725	PTPRZ1	protein tyrosine phosphatase, receptor-type, Z polypeptide 1	1,0
12865176	509837	SUOX	sulfite oxidase	1,0
12757812	520716	NLRP9	NLR family, pyrin domain containing 9	1,0
12905773	616487	STAG2	stromal antigen 2	1,0
12877665	505294	SLC39A3	solute carrier family 39 (zinc transporter), member 3	1,0
12682959	100295858	LOC100295858	similar to keratin associated protein 12-1	1,0
12789656	510140	SEMA4B	similar to Semaphorin-4B	1,0
12798025	282099	TREX1	three prime repair exonuclease 1	1,0
12824925	408016	CASP3	caspase 3, apoptosis-related cysteine peptidase	1,0
12720165	529294	LSM14B	LSM14B, SCD6 homolog B (S. cerevisiae)	1,0
12896013	785815	HR	hairless homolog (mouse)	1,0
12708732	100137827	ZNF828	zinc finger protein 828	1,0
12766832	100313462	MIR2333	microRNA mir-2333	1,0
12795198	510250	THOC7	THO complex 7 homolog (Drosophila)	1,0
12759531	618368	SPATA2L	spermatogenesis associated 2-like	1,0
12705284	511191	GOLGA1	golgi autoantigen, golgin subfamily a, 1	1,0
12910041	613789	NXF2	nuclear RNA export factor 2	1,0
12732326	520162	LOC520162	similar to olfactory receptor, family 5, subfamily W, member 2	1,0
12684914	518441	WDR53	WD repeat domain 53	1,0
12757574	518970	SHANK1	SH3 and multiple ankyrin repeat domains 1	1,0
12725889	539858	RB1CC1	RB1-inducible coiled-coil 1	1,0
12834756	540991	LOC540991	similar to NEL-like 1 (chicken)	1,0
12821726	506018	EXOSC1	exosome component 1	1,0
12848343	789335	KLHL30	kelch-like 30 (Drosophila)	1,0
12718164	326580	VAPB	VAMP (vesicle-associated membrane protein)-associated protein B and C	1,0
12739724	518224	CD46	CD46 molecule, complement regulatory protein	1,0
12755702	281650	BLVRB	biliverdin reductase B (flavin reductase (NADPH))	1,0
12901337	613548	MARCKS	myristoylated alanine-rich protein kinase C substrate	1,0
12721966	504664	NRBP2	nuclear receptor binding protein 2	1,0
12758539	533892	RPS9	ribosomal protein S9	1,0
12902043	100298746	LOC100298746	similar to protein phosphatase 2, regulatory subunit B, alpha	1,0
12894002	518310	TRIM35	tripartite motif-containing 35	1,0
12864327	353115	SOX10	SRY (sex determining region Y)-box 10	1,0
12687431	787167	LOC787167	hypothetical LOC787167	1,0
12841178	614733	ING5	inhibitor of growth family, member 5	1,0
12759788	784749	ANKRD27	ankyrin repeat domain 27 (VPS9 domain)	1,0
12713443	100336400	LOC100336400	ubiquitin-conjugating enzyme E2D 3-like	1,0
12744731	768029	MGC137018	hypothetical protein MGC137018	1,0
12853375	504219	PRKAG2	protein kinase, AMP-activated, gamma 2 non-catalytic subunit	1,0
12850861	530186	PSMC2	proteasome (prosome, macropain) 26S subunit, ATPase, 2	1,0
12892476	100313446	MIR2404-2	microRNA mir-2404-2	1,0
12869901	281118	DSPP	dentin sialophosphoprotein	1,0
12900723	528177	SLC35F1	solute carrier family 35, member F1	1,0
12695547	526816	IL25	interleukin 25	1,0
12814363	618512	HN1L	hematological and neurological expressed 1-like	1,0
12849745	509232	NRF1	nuclear respiratory factor 1	1,0
12734902	504287	SOAT1	sterol O-acyltransferase 1	1,0
12689440	515125	SMAD3	SMAD family member 3	1,0

12847474	615514	GSTM1	glutathione S-transferase mu 1	1,0
12678377	100313114	MIR2284I	microRNA mir-2284i	1,0
12883003	100337439	LOC100337439	KIAA2031 protein-like	1,0
12700950	526046	SURF2	surfeit 2	1,0
12742487	510830	TPCN1	two pore segment channel 1	1,0
12694677	514230	L2HGDH	L-2-hydroxyglutarate dehydrogenase	1,0
12842340	100294994	LOC100294994	hypothetical protein LOC100294994	1,0
12860985	533737	PICK1	protein interacting with PRKCA 1	1,0
12892054	781763	LOC781763	similar to Tumor necrosis factor receptor superfamily member 10A precursor (Death receptor 4) (TNF-related apoptosis-inducing ligand receptor 1) (TRAIL receptor 1) (TRAIL-R1) (CD261 antigen)	1,0
12788667	100297143	LOC100297143	similar to Huntingtin-interacting protein 14	1,0
12886013	526508	LOC526508	similar to olfactory receptor, family 7, subfamily G, member 2	1,0
12801706	511533	SPATS1	spermatogenesis associated, serine-rich 1	1,0
12835468	100139249	LOC100139249	similar to ubiquitin and ribosomal protein S27a	1,0
12685659	533379	MLF1	myeloid leukemia factor 1	1,0
12856196	786606	WIPF3	WAS/WASL interacting protein family, member 3	1,0
12794461	338055	COPG	coatamer protein complex, subunit gamma	1,0
12888516	788246	LOC788246	similar to olfactory receptor, family 7, subfamily A, member 17	1,0
12681185	530483	URB1	URB1 ribosome biogenesis 1 homolog (S. cerevisiae)	1,0
12716682	539523	LOC539523	similar to mCG50094	1,0
12902065	100301385	LOC100301385	hypothetical protein LOC100301385	1,0
12868999	781458	KLHDC5	kelch domain containing 5	1,0
12712521	536103	NALCN	sodium leak channel, non-selective	1,0
12801202	282530	BoLA-DRB3	major histocompatibility complex, class II, DRB3	1,0
12810937	100140123	LOC100140123	similar to zinc finger protein 75	1,0
12682695	782237	LOC782237	similar to Dynein light chain Tctex-type 1 (T-complex testis-specific protein 1 homolog) (Protein CW-1)	1,0
12746785	516783	SDSL	serine dehydratase-like	1,0
12738219	100336849	LOC100336849	taste receptor, type 1, member 3-like	1,0
12760283	100139150	LOC100139150	hypothetical protein LOC100139150	1,0
12726283	788471	RNF139	ring finger protein 139	1,0
12815458	504926	DCUN1D3	DCN1, defective in cullin neddylation 1, domain containing 3 (S. cerevisiae)	1,0
12825564	617379	RNF170	ring finger protein 170	1,0
12773866	100139725	ZDBF2	zinc finger, DBF-type containing 2	1,0
12859040	510780	TOMM22	translocase of outer mitochondrial membrane 22 homolog (yeast)	1,0
12752079	520388	PRMT1	protein arginine methyltransferase 1	1,0
12860390	525040	IL17RA	interleukin 17 receptor A	1,0
12901276	541216	RWDD1	RWD domain containing 1	1,0
12749256	280808	GPI	glucose phosphate isomerase	1,0
12720809	613711	CCNY	cyclin Y	1,0
12887999	618059	ATP8B3	ATPase, class I, type 8B, member 3	1,0
12820145	526392	NFKB2	nuclear factor of kappa light polypeptide gene enhancer in B-cells 2 (p49/p100)	1,0
12754915	789989	ZNF211	zinc finger protein 211	1,0
12868087	540653	PCBP2	poly(rC) binding protein 2	1,0
12784456	617897	LOC617897	hypothetical LOC617897	1,0
12761420	444990	EIF5A	eukaryotic translation initiation factor 5A	1,0
12721508	100297158	LOC100297158	hypothetical protein LOC100297158	1,0
12883341	282684	CSNK1A1	casein kinase 1, alpha 1	1,0
12735505	512915	LOC512915	similar to zinc finger and BTB domain containing 17	1,0
12702011	539043	ODF2	outer dense fiber of sperm tails 2	1,0
12716897	614014	LOC614014	similar to Zinc finger protein 512B	1,0
12720492	534704	TPD52L2	tumor protein D52-like 2	1,0

12837623	510382	LOC510382	similar to guanylate binding protein 4	1,0
12810998	100170935	MIR365	microRNA mir-365	1,0
12834667	538575	PRSS23	protease, serine, 23	1,0
12758822	539063	CHST4	carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 4	1,0
12807840	510913	LOC510913	similar to Nose Resistant to Fluoxetine family member (nrf-6)	1,0
12909281	534112	CNKSR2	connector enhancer of kinase suppressor of Ras 2	1,0
12824325	533547	KLKB1	kallikrein B, plasma (Fletcher factor) 1	1,0
12833903	517206	CDK2AP2	cyclin-dependent kinase 2 associated protein 2	1,0
12831930	617184	KCNK4	potassium channel, subfamily K, member 4	1,0
12880531	533774	SLC35E1	solute carrier family 35, member E1	1,0
12833774	515124	ATL3	atlastin GTPase 3	1,0
12834006	519580	HEPHL1	hephaestin-like 1	1,0
12909257	533949	BCAP31	B-cell receptor-associated protein 31	1,0
12772356	539735	ZMYND15	zinc finger, MYND-type containing 15	1,0
12902214	100034674	NGFRAP1	nerve growth factor receptor (TNFRSF16) associated protein 1	1,0
12854995	534129	CREB5	cAMP responsive element binding protein 5	1,0
12797423	782819	ZNF35	zinc finger protein 35	1,0
12861840	539986	BTBD11	BTB (POZ) domain containing 11	1,0
12734691	287019	PFKFB2	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 2	1,0
12737974	100296483	LOC100296483	hypothetical protein LOC100296483	1,0
12704103	327710	NDUFA8	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 8, 19kDa	1,0
12678348	100300968	LOC100300968	hypothetical protein LOC100300968	1,0
12717651	790884	MLLT10	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 10	1,0
12831698	540583	RAB30	RAB30, member RAS oncogene family	1,0
12829774	505308	SAA4	serum amyloid A4, constitutive	1,0
12682853	787246	LOC787246	similar to Nedd4 WW domain-binding protein 2	1,0
12693896	505469	FOXP3	forkhead box P3	1,0
12892005	768044	NUDT2	nudix (nucleoside diphosphate linked moiety X)-type motif 2	1,0
12859472	514147	PWP1	PWP1 homolog (S. cerevisiae)	1,0
12824632	789528	LOC789528	similar to zinc finger protein 385D	1,0
12682239	613455	IQCG	IQ motif containing G	1,0
12755375	100299784	LOC100299784	similar to ATP-binding cassette, sub-family C, member 11	1,0
12818082	539978	GDE1	glycerophosphodiester phosphodiesterase 1	1,0
12902150	100301469	LOC100301469	similar to olfactory receptor, family 1, subfamily F, member 1	1,0
12703772	100337506	LOC100337506	olfactory receptor, family 1, subfamily F, member 1-like	1,0
12686157	538666	MGC139309	hypothetical LOC538666	1,0
12811336	281556	TUFM	Tu translation elongation factor, mitochondrial	1,0
12828262	524528	NUP133	nucleoporin 133kDa	1,0
12844972	516413	KLF17	Kruppel-like factor 17	1,0
12768204	505611	GNA13	guanine nucleotide binding protein (G protein), alpha 13	1,0
12814503	782887	SETD1A	SET domain containing 1A	1,0
12855516	539985	GCC1	GRIP and coiled-coil domain containing 1	1,0
12682986	100299317	LOC100299317	similar to ribosomal protein L23a	1,0
12875456	540095	LCORL	ligand dependent nuclear receptor corepressor-like	1,0
12791868	407220	SMEK1	SMEK homolog 1, suppressor of mek1 (Dictyostelium)	1,0
12848438	100174927	LOC100174927	hypothetical LOC100174927	1,0
12834128	523174	PRMT3	protein arginine methyltransferase 3	1,0
12895939	783989	PIGO	phosphatidylinositol glycan anchor biosynthesis, class O	1,0

12754292	767618	ZNF574	zinc finger protein 574	1,0
12878690	511308	WNT9A	wingless-type MMTV integration site family, member 9A	1,0
12910518	783300	LOC783300	hypothetical LOC783300	1,0
12723845	788352	NKAIN3	Na ⁺ /K ⁺ transporting ATPase interacting 3	1,0
12737644	781505	LOC781505	similar to potassium channel, subfamily T, member 2	1,0
12811496	282394	UQCRC2	ubiquinol-cytochrome c reductase core protein II	1,0
12843090	504199	NIT1	nitrilase 1	1,0
12682691	781650	LOC781650	similar to ribosomal protein L10a	1,0
12836929	506123	SF3B4	splicing factor 3b, subunit 4, 49kDa	1,0
12745314	281248	IL15	interleukin 15	1,0
12876921	281276	LDLR	low density lipoprotein receptor	1,0
12753867	616722	LOC616722	similar to immunity-related GTPase family, cinema 1	1,0
12908277	514673	GDPD2	glycerophosphodiester phosphodiesterase domain containing 2	1,0
12888488	788127	RAD50	RAD50 homolog (<i>S. cerevisiae</i>)	1,0
12751306	512686	SLC9A5	solute carrier family 9 (sodium/hydrogen exchanger), member 5	1,0
12703708	100336928	LOC100336928	neural proliferation, differentiation and control, 1-like	1,0
12798421	505531	NR2C2	nuclear receptor subfamily 2, group C, member 2	1,0
12810471	540193	CCDC11	coiled-coil domain containing 11	1,0
12688546	507185	OSTBETA	organic solute transporter beta	1,0
12729835	614192	C15H11orf74	chromosome 11 open reading frame 74 ortholog	1,0
12728735	528807	LOC528807	similar to olfactory receptor 645	1,0
12820727	539542	HHEX	hematopoietically expressed homeobox	1,0
12779293	616092	LOC616092	similar to crystallin, gamma F	1,0
12855853	615645	ZNRF2	zinc and ring finger 2	1,0
12902925	282182	CITED1	Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 1	1,0
12847884	768224	DPH2	DPH2 homolog (<i>S. cerevisiae</i>)	1,0
12894280	527219	DMRTA1	DMRT-like family A1	1,0
12886133	528165	TIMM44	translocase of inner mitochondrial membrane 44 homolog (yeast)	1,0
12839395	528986	ZCCHC11	zinc finger, CCHC domain containing 11	1,0
12807323	100313424	MIR2380	microRNA mir-2380	1,0
12814857	100139250	LOC100139250	similar to LOC513111 protein	1,0
12703505	100296944	LOC100296944	similar to HIG1 domain family, member 1A	1,0
12910077	614075	FAM3A	family with sequence similarity 3, member A	1,0
12765668	618287	INCA1	inhibitor of CDK, cyclin A1 interacting protein 1	1,0
12815735	506066	SH2B1	SH2B adaptor protein 1	1,0
12725994	614130	BAALC	brain and acute leukemia, cytoplasmic	1,0
12759486	618186	DERPC	CTF8, chromosome transmission fidelity factor 8 homolog (<i>S. cerevisiae</i>)	1,0
12762243	508519	NPLOC4	nuclear protein localization 4 homolog (<i>S. cerevisiae</i>)	1,0
12837225	507627	LOC507627	similar to SLAM family member 9	1,0
12894596	533820	MEGF9	similar to multiple EGF-like-domains 9	1,0
12895311	615352	FANCG	Fanconi anemia, complementation group G	1,0
12873617	505477	RGS12	regulator of G-protein signaling 12	1,0
12786864	100337416	LOC100337416	sodium-dependent neutral amino acid transporter B(0)AT3-like	1,0
12827375	785781	C28H10orf53	chromosome 10 open reading frame 53	1,0
12777308	528207	FASTKD2	FAST kinase domains 2	1,0
12893842	515059	ACTL7B	actin-like 7B	1,0
12692896	100295453	LOC100295453	hypothetical protein LOC100295453	1,0
12752730	532079	ZNF19	zinc finger protein 19	1,0
12847281	613899	UQCRH	ubiquinol-cytochrome c reductase hinge protein	1,0
12697987	100139826	LOC100139826	similar to IIDS6411	1,0
12875540	540841	SLC10A6	solute carrier family 10 (sodium/bile acid cotransporter family), member 6	1,0

12789843	512276	SELS	selenoprotein S	1,0
12754974	791009	MIR140	microRNA mir-140	1,0
12794038	788895	LOC788895	similar to rCG24645	1,0
12836092	286846	PI4KB	phosphatidylinositol 4-kinase, catalytic, beta	1,0
12844927	516046	CD1D	CD1D antigen, d polypeptide	1,0
12722848	525222	DNAJC5B	DnaJ (Hsp40) homolog, subfamily C, member 5 beta	1,0
12850012	511858	NT5C3	5'-nucleotidase, cytosolic III	1,0
12697268	616872	MTX3	metaxin 3	1,0
12833635	513453	TALDO1	transaldolase 1	1,0
12854683	523184	SOSTDC1	sclerostin domain containing 1	1,0
12744088	540159	ANKLE2	ankyrin repeat and LEM domain containing 2	1,0
12821049	781376	TUBGCP2	tubulin, gamma complex associated protein 2	1,0
12818806	100313291	MIR2391	microRNA mir-2391	1,0
12882334	787278	MAP2K7	mitogen-activated protein kinase kinase 7	1,0
12743565	533883	LOC533883	similar to Uncharacterized protein KIAA1671	1,0
12876531	100313482	MIR2464	microRNA mir-2464	1,0
12881757	615458	LYL1	lymphoblastic leukemia derived sequence 1	1,0
12712329	532080	EXOSC8	exosome component 8	1,0
12905351	539445	MST4	serine/threonine protein kinase MST4	1,0
12796264	531886	TRIM71	tripartite motif-containing 71	1,0
12815419	504790	COG7	component of oligomeric golgi complex 7	1,0
12887845	616553	PFDN1	prefoldin subunit 1	1,0
12698855	494004	APOB	apolipoprotein B	1,0
12753283	538838	LSM14A	LSM14A, SCD6 homolog A (S. cerevisiae)	1,0
12804508	281586	TAP2	transporter 2, ATP-binding cassette, sub-family B (MDR/TAP)	1,0
12690615	534330	PIF1	PIF1 5'-to-3' DNA helicase homolog (S. cerevisiae)	1,0
12699853	513525	PSMD13	proteasome (prosome, macropain) 26S subunit, non-ATPase, 13	1,0
12815343	444880	Magmas	mitochondria-associated protein involved in granulocyte-macrophage colony-stimulating factor signal transduction	1,0
12679060	505006	RWDD2B	RWD domain containing 2B	1,0
12725357	518201	GLI4	GLI family zinc finger 4	1,0
12835804	281093	CRYZ	crystallin, zeta (quinone reductase)	1,0
12706863	533699	TOR1A	torsin family 1, member A (torsin A)	1,0
12836579	505122	SPTA1	spectrin, alpha, erythrocytic 1 (elliptocytosis 2)	1,0
12693843	504468	HEXA	hexosaminidase A (alpha polypeptide)	1,0
12805227	509913	WDR46	WD repeat domain 46	1,0
12755195	100140452	LOC100140452	similar to Zinc finger protein 208	1,0
12847742	618607	AKR1A1	aldo-keto reductase family 1, member A1 (aldehyde reductase)	1,0
12767992	504483	BLMH	bleomycin hydrolase	1,0
12734331	100336993	LOC100336993	hypothetical protein LOC100336993	1,0
12850925	531208	NACAD	NAC alpha domain containing	1,0
12691945	615423	C10H15orf24	chromosome 15 open reading frame 24 ortholog	1,0
12706360	526045	SURF4	surfeit 4	1,0
12691639	541234	MYO5A	myosin VA (heavy chain 12, myoxin)	1,0
12836974	506485	PBXIP1	pre-B-cell leukemia homeobox interacting protein 1	1,0
12792402	513208	WDR61	WD repeat domain 61	1,0
12730035	617417	LOC617417	similar to olfactory receptor 553	1,0
12704661	507745	LOC507745	similar to olfactory receptor 362	1,0
12829247	100336631	LOC100336631	HRAS-like suppressor 2-like	1,0
12857550	407177	hare	hyaluronan receptor for endocytosis-like	1,0
12895603	768069	C8H8orf74	chromosome 8 open reading frame 74 ortholog	1,0
12813548	533798	ACSM3	acyl-CoA synthetase medium-chain family member 3	1,0
12861168	534963	GPRC5D	G protein-coupled receptor, family C, group 5, member D	1,0
12853232	407104	PLXNA4	plexin A4	1,0

12736704	534637	DISP1	dispatched homolog 1 (Drosophila)	1,0
12726488	100313327	MIR2313	microRNA mir-2313	1,0
12808998	100336873	LOC100336873	laminin alpha 3 subunit-like	1,0
12735697	516287	CYB5R1	cytochrome b5 reductase 1	1,0
12749304	281090	COX4	cytochrome c oxydase subunit 4	1,0
12770397	515024	STRADA	STE20-related kinase adaptor alpha	1,0
12756828	510878	ESRP2	epithelial splicing regulatory protein 2	1,0
12705014	509719	ASB6	ankyrin repeat and SOCS box-containing 6	1,0
12891282	536891	FKTN	fukutin	1,0
12678334	100300829	LOC100300829	similar to CG7332	1,0
12754004	617808	LOC617808	hypothetical LOC617808	1,0
12797418	782327	LOC782327	similar to mCG132465	1,0
12730465	790152	LOC790152	similar to olfactory receptor 1256	1,0
12871256	521790	PI4K2B	phosphatidylinositol 4-kinase type 2 beta	1,0
12757784	520278	PTGIR	prostaglandin I2 (prostacyclin) receptor (IP)	1,0
12700297	517541	ADAM17	ADAM metallopeptidase domain 17	1,0
12801560	508957	PHF1	PHD finger protein 1	1,0
12869162	783807	LOC783807	similar to Methyl-CpG-binding domain protein 6 (Methyl-CpG-binding protein MBD6)	1,0
12782050	521747	EIF3I	eukaryotic translation initiation factor 3, subunit I	1,0
12885585	517994	CCDC151	coiled-coil domain containing 151	1,0
12828233	523846	SPOCK2	sparc/osteonectin, cwcv and kazal-like domains proteoglycan (testican) 2	1,0
12696426	538095	LOC538095	similar to nuclear protein in testis	1,0
12853353	493642	CAV2	caveolin 2	1,0
12816825	515935	NAGPA	N-acetylglucosamine-1-phosphodiester alpha-N-acetylglucosaminidase	1,0
12807683	505376	FBXO15	F-box protein 15	1,0
12789568	508171	MTMR15	myotubularin related protein 15	1,0
12685276	527583	ROPN1	ropporin, rhophilin associated protein 1	1,0
12856937	281610	AKAP3	A kinase (PRKA) anchor protein 3	1,0
12746343	511896	GTF2H3	general transcription factor IIH, polypeptide 3, 34kDa	1,0
12730785	281631	APOA1	apolipoprotein A-I	1,0
12733865	783558	LOC783558	similar to olfactory receptor MOR20-1	1,0
12705396	511919	ATHL1	ATH1, acid trehalase-like 1 (yeast)	1,0
12897327	518046	GTF2H5	general transcription factor IIH, polypeptide 5	1,0
12905745	616201	LOC616201	similar to Chromosome X open reading frame 39	1,0
12789601	508717	ABHD2	abhydrolase domain containing 2	1,0
12714489	508097	ENTPD6	ectonucleoside triphosphate diphosphohydrolase 6 (putative function)	1,0
12741763	100300040	LOC100300040	similar to preferentially expressed antigen in melanoma	1,0
12817395	527103	ZSCAN21	zinc finger and SCAN domain containing 21	1,0
12850605	524150	HOXA2	homeobox A2	1,0
12904135	515371	PDZD11	PDZ domain containing 11	1,0
12682634	768324	PCP4	Purkinje cell protein 4	1,0
12818266	615629	PRM3	protamine 3	1,0
12855601	541099	MTPN	myotrophin	1,0
12903544	508380	TMEM187	transmembrane protein 187	1,0
12809111	100337240	LOC100337240	serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 4-like	1,0
12687245	784383	SOX2	SRX (sex determining region Y)-box 2	1,0
12879898	525110	CHERP	calcium homeostasis endoplasmic reticulum protein	1,0
12691905	615077	TMEM55B	transmembrane protein 55B	1,0
12718118	282431	PROKR2	prokineticin receptor 2	1,0
12730248	783497	PPP1R14C	protein phosphatase 1, regulatory (inhibitor) subunit 14C	1,0
12723600	618577	GOLSYN	Golgi-localized protein	1,0
12711118	100337316	LOC100337316	ABCC4 protein-like	1,0
12795511	514296	LOC514296	similar to 5-nucleotidase domain containing 2	1,0

12765022	539525	RUNDC1	RUN domain containing 1	1,0
12717381	783331	EFCAB8	EF-hand calcium binding domain 8	1,0
12815160	280963	ZP2	zona pellucida glycoprotein 2 (sperm receptor)	1,0
12780982	509157	NHEJ1	nonhomologous end-joining factor 1	1,0
12896000	785608	LOC785608	similar to Testis-specific Y-encoded protein 1 (bTSPY)	1,0
12840851	540493	COPS8	COP9 constitutive photomorphogenic homolog subunit 8 (Arabidopsis)	1,0
12687868	100337215	LOC100337215	TRIM5/cyclophilin A fusion protein-like	1,0
12872713	782855	LOC782855	40S ribosomal protein S26-2-like	1,0
12711016	100300457	LOC100300457	hypothetical protein LOC100300457	1,0
12856399	100297734	LOC100297734	similar to nadrin	1,0
12690629	534344	CGRF1	cell growth regulator with ring finger domain 1	1,0
12680768	519376	LOC519376	similar to Uncharacterized protein C3orf59	1,0
12873011	100336506	LOC100336506	Fip111 protein-like	1,0
12713285	100295980	LOC100295980	similar to ubiquitin-conjugating enzyme E2D 3	1,0
12785905	526766	C9	complement component 9	1,0
12805821	518023	LEMD2	LEM domain containing 2	1,0
12840461	538459	C3H1orf43	chromosome 1 open reading frame 43 ortholog	1,0
12804704	286807	SUMO2	SMT3 suppressor of mif two 3 homolog 2 (S. cerevisiae)	1,0
12752315	523993	PMFBP1	polyamine modulated factor 1 binding protein 1	1,0
12684760	515902	PCCB	propionyl Coenzyme A carboxylase, beta polypeptide	1,0
12832940	404128	SLC22A8	solute carrier family 22 (organic anion transporter), member 8	1,0
12704394	506349	INPP5E	similar to rCG45879	1,0
12841901	787081	LOC787081	similar to C05G5.5	1,0
12792799	520598	PLIN1	perilipin 1	1,0
12852483	785715	BOTA-T2R41	bitter taste receptor T2R41	1,0
12886579	533444	LOC533444	similar to gemin 5	1,0
12833256	507760	PRDM10	PR domain containing 10	1,0
12850542	522170	CHRM2	cholinergic receptor, muscarinic 2	1,0
12718226	404105	TKDP3	trophoblast Kunitz domain protein 3	1,0
12754277	619120	LOC619120	similar to Protein FAM65A	1,0
12749995	505162	PPFIA3	protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (liprin), alpha 3	1,0
12858297	506828	LOC506828	similar to Alpha-2-macroglobulin precursor (Pregnancy zone protein) (Alpha-2-M)	1,0
12707082	535320	TRIM54	tripartite motif-containing 54	1,0
12909757	539266	ZBED1	zinc finger, BED-type containing 1	1,0
12721622	281884	KCNQ3	potassium voltage-gated channel, KQT-like subfamily, member 3	1,0
12679191	506411	PDCD10	programmed cell death 10	1,0
12887625	613406	SPATA9	spermatogenesis associated 9	1,0
12818565	782821	LOC782821	hypothetical protein LOC782821	1,0
12801080	281555	TUBB2B	tubulin, beta 2A	1,0
12702258	540249	GTF3C4	general transcription factor IIIC, polypeptide 4, 90kDa	1,0
12724817	510977	LY6E	lymphocyte antigen 6 complex, locus E	1,0
12794763	506969	ALS2CL	ALS2 C-terminal like	1,0
12797647	788383	LOC788383	similar to testis specific serine protease 4	1,0
12886908	535981	CLPP	ClpP caseinolytic peptidase, ATP-dependent, proteolytic subunit homolog (E. coli)	1,0
12681779	538514	AMOTL2	angiominin like 2	1,0
12890624	521737	LOC521737	similar to ring finger protein 30	1,0
12827960	510496	PLAC9	placenta-specific 9	1,0
12687813	100336129	LOC100336129	hypothetical protein LOC100336129	1,0
12811304	280979	ACTB	actin, beta	1,0
12830237	510097	FOXRED1	FAD-dependent oxidoreductase domain containing 1	1,0
12798575	506945	BHLHB2	basic helix-loop-helix domain containing, class B, 2	1,0

12768123	505147	PCGF2	polycomb group ring finger 2	1,0
12681259	531379	TMEM30C	transmembrane protein 30C	1,0
12763951	527411	TOP3A	topoisomerase (DNA) III alpha	1,0
12769040	509256	ELAC2	elaC homolog 2 (E. coli)	1,0
12694326	509469	MRPL52	mitochondrial ribosomal protein L52	1,0
12720857	615178	RPS21	ribosomal protein S21	1,0
12906043	782238	HINT1	histidine triad nucleotide binding protein 1	1,0
12787713	522309	NSA2	NSA2 ribosome biogenesis homolog (S. cerevisiae)	1,0
12837869	511818	LOC511818	hypothetical LOC511818	1,0
12815109	100337367	LOC100337367	tumor protein, translationally-controlled 1-like	1,0
12906635	100336486	LOC100336486	envelope glycoprotein-like	1,0
12883285	282077	SPARC	secreted protein, acidic, cysteine-rich (osteonectin)	1,0
12691273	540252	FEM1B	fem-1 homolog b (C. elegans)	1,0
12877215	282877	RPS28	ribosomal protein S28	1,0
12817770	534002	LOC534002	similar to serine/arginine repetitive matrix 2	1,0
12869680	100336523	LOC100336523	HtrA serine peptidase 3-like	1,0
12806559	540431	YIPF3	Yip1 domain family, member 3	1,0
12813289	528120	DOC2A	double C2-like domains, alpha	1,0
12851128	534697	KLHL7	kelch-like 7 (Drosophila)	1,0
12752551	529282	COQ9	coenzyme Q9 homolog (S. cerevisiae)	1,0
12707716	541205	THNSL2	threonine synthase-like 2 (S. cerevisiae)	1,0
12788553	784368	LOC784368	similar to golgi phosphoprotein 3	1,0
12700614	521706	LOC521706	similar to Intersectin-2 (SH3 domain-containing protein 1B) (SH3P18) (SH3P18-like WASP-associated protein)	1,0
12748346	784978	LRRC43	leucine rich repeat containing 43	1,0
12858577	508202	KRT79	keratin 79	1,0
12796307	532459	TMEM115	transmembrane protein 115	1,0
12704427	506508	PLB1	phospholipase B1	1,0
12909878	540347	YIPF6	Yip1 domain family, member 6	1,0
12689738	519867	EPB41L4A	erythrocyte membrane protein band 4.1 like 4A	1,0
12896753	407238	ESR1	estrogen receptor 1	1,0
12783018	535043	ITGA6	integrin, alpha 6	1,0
12697381	617670	PPP1R14D	protein phosphatase 1, regulatory (inhibitor) subunit 14D	1,0
12756674	509550	KLHDC4	kelch domain containing 4	1,0
12826243	514060	DYDC2	DPY30 domain containing 2	1,0
12839021	522462	EFHD1	EF-hand domain family, member D1	1,0
12712881	615784	LOC615784	hypothetical LOC615784	1,0
12846916	539521	GNAI3	guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 3	1,0
12727841	514284	CEP164	centrosomal protein 164kDa	1,0
12781354	511913	HSPD1	heat shock 60kDa protein 1 (chaperonin)	1,0
12898807	613854	PCMT1	protein-L-isoaspartate (D-aspartate) O-methyltransferase	1,0
12870461	504440	EXOC1	exocyst complex component 1	1,0
12763147	513845	OVCA2	ovarian tumor suppressor candidate 2	1,0
12892064	781815	LOC781815	similar to interferon-tau	1,0
12766174	788831	TTC25	tetratricopeptide repeat domain 25	1,0
12797303	768026	MGC137053	hypothetical protein MGC137053	1,0
12678345	100300844	LOC100300844	similar to olfactory receptor 160	1,0
12843740	507527	SPRR3	small proline-rich protein 3	1,0
12684457	512676	HACL1	2-hydroxyacyl-CoA lyase 1	1,0
12755583	100337373	LOC100337373	hypothetical protein LOC100337373	1,0
12823831	511607	HGSNAT	heparan-alpha-glucosaminide N-acetyltransferase	1,0
12825418	536739	CLDN24	claudin 24	1,0
12839563	531254	COL24A1	collagen, type XXIV, alpha 1	1,0
12858425	507162	APOBEC3A	apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3A	1,0
12748799	100141222	LOC100141222	similar to Uncharacterized protein C19orf15	1,0

12908991	527885	ZDHHC9	zinc finger, DHHC-type containing 9	1,0
12699139	505839	USP20	ubiquitin specific peptidase 20	1,0
12894353	528277	WDR31	WD repeat domain 31	1,0
12742197	505922	SART3	squamous cell carcinoma antigen recognized by T cells 3	1,0
12813341	529002	TBC1D24	TBC1 domain family, member 24	1,0
12818076	539836	ZNF689	zinc finger protein 689	1,0
12818262	615390	BRI3	brain protein I3	1,0
12764909	538936	ARL4D	ADP-ribosylation factor-like 4D	1,0
12764750	538090	CCT6B	chaperonin containing TCP1, subunit 6B (zeta 2)	1,0
12772843	616205	TRAPPC1	trafficking protein particle complex 1	1,0
12715092	514493	DTD1	D-tyrosyl-tRNA deacylase 1 homolog (S. cerevisiae)	1,0
12811017	100295754	LOC100295754	similar to cytochrome c oxidase, subunit VIIa 2	1,0
12865131	509556	NINJ2	ninjurin 2	1,0
12863661	100313387	MIR615	microRNA mir-615	1,0
12862383	615570	KRT82	keratin 82	1,0
12780512	404126	HDAC1	histone deacetylase 1	1,0
12818857	100337197	LOC100337197	lysyl oxidase homolog 4-like	1,0
12684368	511114	OSTN	osteocrin	1,0
12882306	786840	LOC786840	similar to CfOLF4	1,0
12824526	616809	GOLGA7	golgi autoantigen, golgin subfamily a, 7	1,0
12823988	514490	SGK196	protein kinase-like protein SgK196	1,0
12761903	506185	LOC506185	hypothetical LOC506185	1,0
12792209	509956	CTSG	cathepsin G	1,0
12802136	515628	TRIM10	tripartite motif-containing 10	1,0
12764549	535298	GRB2	growth factor receptor-bound protein 2	1,0
12691239	539918	MGAT2	mannosyl (alpha-1,6-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase	1,0
12776141	510566	C2H2orf47	chromosome 2 open reading frame 47 ortholog	1,0
12730367	785443	LOC785443	similar to olfactory receptor, family 52, subfamily J, member 3	1,0
12846895	539385	LOC539385	hypothetical protein LOC539385	1,0
12777779	533668	DNAJB2	DnaJ (Hsp40) homolog, subfamily B, member 2	1,0
12732989	538054	MRPL16	mitochondrial ribosomal protein L16	1,0
12703380	100126171	DPYSL5	dihydropyrimidinase-like 5	1,0
12892691	281762	FANCC	Fanconi anemia, complementation group C	1,0
12889972	509685	ANP32B	acidic (leucine-rich) nuclear phosphoprotein 32 family, member B	1,0
12782135	522419	ERBB4	v-erb-a erythroblastic leukemia viral oncogene homolog 4 (avian)	1,0
12843800	508127	DMAP1	DNA methyltransferase 1 associated protein 1	1,0
12815983	507786	NLRC3	NLR family, CARD domain containing 3	1,0
12864995	508175	PLXNB2	plexin B2	1,0
12737505	617176	MORN1	MORN repeat containing 1	1,0
12713527	100337459	LOC100337459	ubiquitin-conjugating enzyme E2D 3-like	1,0
12713525	100337452	LOC100337452	ubiquitin-conjugating enzyme E2D 3-like	1,0
12713523	100337441	LOC100337441	ubiquitin-conjugating enzyme E2D 3-like	1,0
12713519	100337396	LOC100337396	ubiquitin-conjugating enzyme E2D 3-like	1,0
12713432	100335999	LOC100335999	ubiquitin-conjugating enzyme E2D 3-like	1,0
12907898	510093	DDX3X	DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, X-linked	1,0
12816132	508948	RSL1D1	ribosomal L1 domain containing 1	1,0
12721034	617807	PSMF1	proteasome (prosome, macropain) inhibitor subunit 1 (PI31)	1,0
12765749	618637	TRIM65	tripartite motif-containing 65	1,0
12855769	615026	LOC615026	similar to TRB@ protein	1,0
12871159	517489	INTS12	integrator complex subunit 12	1,0
12896673	281866	IMPG1	interphotoreceptor matrix proteoglycan 1	1,0
12815612	505637	CNPY4	canopy 4 homolog (zebrafish)	1,0

12831879	616864	SLC36A4	solute carrier family 36 (proton/amino acid symporter), member 4	1,0
12891737	614006	MGC151957	hypothetical protein LOC614006	1,0
12880396	532605	RGS14	regulator of G-protein signaling 14	1,0
12708697	789434	LCN12	lipocalin 12	1,0
12810060	529318	MEX3C	mex-3 homolog C (C. elegans)	1,0
12903475	507679	GNL3L	guanine nucleotide binding protein-like 3 (nucleolar)-like	1,0
12726513	100336921	LOC100336921	olfactory receptor 1264-like	1,0
12847645	617392	OTOS	otospiralin	1,0
12751860	516179	LOC516179	similar to NK6 transcription factor related, locus 2	1,0
12875596	613534	RPL7A	ribosomal protein L7a	1,0
12803451	541284	MBOAT1	membrane bound O-acyltransferase domain containing 1	1,0
12732760	533980	CKAP5	cytoskeleton associated protein 5	1,0
12742686	515612	FOXN4	forkhead box N4	1,0
12829542	287027	NDUFS8	NADH dehydrogenase (ubiquinone) Fe-S protein 8, 23kDa (NADH-coenzyme Q reductase)	1,0
12702883	617309	GPR107	G protein-coupled receptor 107	1,0
12798773	509970	RAB7A	RAB7A, member RAS oncogene family	1,0
12880421	533029	GMIP	GEM interacting protein	1,0
12768324	506723	TMEM132E	transmembrane protein 132E	1,0
12756068	445424	C16orf80	chromosome 16 open reading frame 80	1,0
12703625	100336467	LOC100336467	acyl-Coenzyme A oxidase-like 1-like	1,0
12703055	768245	PPAPDC3	phosphatidic acid phosphatase type 2 domain containing 3	1,0
12879955	526256	MGAT4B	mannosyl (alpha-1,3-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase, isozyme B	1,0
12693154	100300223	LOC100300223	hypothetical protein LOC100300223	1,0
12858014	506076	SLC26A10	solute carrier family 26, member 10	1,0
12892676	281615	ALDH1A1	aldehyde dehydrogenase 1 family, member A1	1,0
12816251	510797	XPO6	exportin 6	1,0
12894851	538331	LOC538331	similar to myosin tail domain-containing protein	1,0
12697605	782739	LOC782739	similar to ribonuclease, RNase A family 4	1,0
12856385	100297644	LOC100297644	hypothetical protein LOC100297644	1,0
12787282	510749	PANK3	pantothenate kinase 3	1,0
12734186	100295590	LOC100295590	hypothetical protein LOC100295590	1,0
12700178	516314	NOL10	nucleolar protein 10	1,0
12865309	510494	ST13	suppression of tumorigenicity 13 (colon carcinoma) (Hsp70 interacting protein)	1,0
12840984	541151	TRPM8	transient receptor potential cation channel, subfamily M, member 8	1,0
12814637	788566	STX1A	syntaxin 1A (brain)	1,0
12741724	100297594	LOC100297594	similar to pre-B lymphocyte 3	1,0
12819739	515520	LOC515520	similar to Olfactory receptor 5D18 (Olfactory receptor OR11-143)	1,0
12705851	515536	ABCG5	ATP-binding cassette, sub-family G (WHITE), member 5	1,0
12895703	781555	ASTN2	astrotactin 2	1,0
12768553	507580	COIL	coilin	1,0
12706761	532985	USP39	ubiquitin specific peptidase 39	1,0
12840964	540959	CRTC2	CREB regulated transcription coactivator 2	1,0
12687839	100336992	LOC100336992	hypothetical protein LOC100336992	1,0
12889543	506702	TDRD7	tudor domain containing 7	1,0
12780992	509329	HAT1	histone acetyltransferase 1	1,0
12797313	781105	VILL	villin-like	1,0
12863203	787705	LOC787705	similar to Putative uncharacterized protein C12orf63	1,0
12799953	536731	IFT122	intraflagellar transport 122 homolog (Chlamydomonas)	1,0
12800549	617657	LOC617657	similar to RIKEN cDNA 1810048P08	1,0

12697019	613592	RPL36AL	ribosomal protein L36a-like	1,0
12686442	540283	CPOX	coproporphyrinogen oxidase	1,0
12761399	407169	ALOX12	arachidonate 12-lipoxygenase	1,0
12692448	783680	B2M	beta-2-microglobulin	1,0
12857841	505315	AMDHD1	amidohydrolase domain containing 1	1,0
12754861	789798	ERF	similar to Ets2 repressor factor	1,0
12793877	768244	XRCC3	X-ray repair complementing defective repair in Chinese hamster cells 3	1,0
12836648	505297	PPP1R7	protein phosphatase 1, regulatory (inhibitor) subunit 7	1,0
12738460	281199	GLUL	glutamate-ammonia ligase (glutamine synthetase)	1,0
12831393	532690	OSBPL5	oxysterol binding protein-like 5	1,0
12879267	516521	RBM27	RNA binding motif protein 27	1,0
12842719	282104	TUFT1	tuftelin 1	1,0
12783409	537595	MGAT5	mannosyl (alpha-1,6-)-glycoprotein beta-1,6-N-acetyl-glucosaminyltransferase	1,0
12867589	537366	LOC537366	similar to Polycystic kidney disease and receptor for egg jelly related protein precursor (PKD and REJ homolog)	1,0
12720062	526536	CRNKL1	crooked neck pre-mRNA splicing factor-like 1 (Drosophila)	1,0
12815040	100313464	MIR2382	microRNA mir-2382	1,0
12874543	524375	ALPK1	alpha-kinase 1	1,0
12749991	505120	LOC505120	similar to Transducin-like enhancer of split 2, homolog of Drosophila E(spl)	1,0
12875993	768228	CPLX1	complexin 1	1,0
12723720	782052	LOC782052	similar to Btf3 protein	1,0
12889863	508735	PRPF4	PRP4 pre-mRNA processing factor 4 homolog (yeast)	1,0
12711044	100336718	LOC100336718	hypothetical protein LOC100336718	1,0
12834231	528050	SLC6A5	similar to Sodium- and chloride-dependent glycine transporter 2 (GlyT2) (GlyT-2) (Solute carrier family 6 member 5)	1,0
12832235	789811	HCCA2	HCCA2 protein	1,0
12867217	533945	CNOT2	CCR4-NOT transcription complex, subunit 2	1,0
12760555	100336619	LOC100336619	sidekick 2-like	1,0
12723573	617904	MTBP	Mdm2, transformed 3T3 cell double minute 2, p53 binding protein (mouse) binding protein, 104kDa	1,0
12900476	519860	SERAC1	serine active site containing 1	1,0
12779474	617389	RUNX3	runt-related transcription factor 3	1,0
12772521	541100	PLEKHH3	pleckstrin homology domain containing, family H (with MyTH4 domain) member 3	1,0
12847075	540768	KCNC4	potassium voltage-gated channel, Shaw-related subfamily, member 4	1,0
12795499	514161	AMIGO3	adhesion molecule with Ig-like domain 3	1,0
12765259	613889	SPNS2	spinster homolog 2 (Drosophila)	1,0
12718512	505941	LOC505941	similar to KIAA1398 protein	1,0
12876394	100297800	LOC100297800	similar to esophagus cancer-related gene-2	1,0
12801017	100336520	LOC100336520	mediator of DNA damage checkpoint 1-like	1,0
12812310	511758	TBL2	transducin (beta)-like 2	1,0
12790908	539132	TMED3	transmembrane emp24 protein transport domain containing 3	1,0
12757219	514023	ZNF180	zinc finger protein 180	1,0
12811078	100298888	LOC100298888	similar to acyl-CoA synthetase medium-chain family member 2A	1,0
12770504	515621	PIK3R6	phosphoinositide-3-kinase, regulatory subunit 6	1,0
12805423	512517	TINAG	tubulointerstitial nephritis antigen	1,0
12891860	615819	GALNTL6	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase-like 6	1,0
12770778	518635	MFSD11	major facilitator superfamily domain containing 11	1,0
12681142	527953	ZPLD1	zona pellucida-like domain containing 1	1,0

12773136	618617	LOC618617	similar to Family with sequence similarity 100, member B	1,0
12748166	617828	ADORA2A	adenosine A2a receptor	1,0
12814839	100139040	JMJD8	jumonji domain containing 8	1,0
12901607	788012	LOC788012	similar to NADH dehydrogenase	1,0
12819589	513450	SFXN2	sideroflexin 2	1,0
12842805	282452	IL12RB2	interleukin 12 receptor, beta 2	1,0
12857067	281936	MYO1A	myosin IA	1,0
12820997	617053	CNNM1	cyclin M1	1,0
12782589	529707	LOC529707	similar to engrailed homeobox 1	1,0
12782775	532582	TRNAU1AP	tRNA selenocysteine 1 associated protein 1	1,0
12702311	540684	CEP68	centrosomal protein 68kDa	1,0
12858465	507633	C1RL	complement component 1, r subcomponent-like	1,0
12755140	100139758	LOC100139758	similar to zinc finger protein 347	1,0
12850168	514142	HUS1	HUS1 checkpoint homolog (S. pombe)	1,0
12815439	504799	CLN3	ceroid-lipofuscinosis, neuronal 3	1,0
12720908	615924	UCMA	upper zone of growth plate and cartilage matrix associated	1,0
12754835	789588	LOC789588	similar to chromosome 9 open reading frame 3	1,0
12781710	516781	NAB1	NGFI-A binding protein 1 (EGR1 binding protein 1)	1,0
12840488	538499	OLFM3	olfactomedin 3	1,0
12792564	515149	LOC515149	similar to myeloid-associated differentiation marker	1,0
12687743	100297058	LOC100297058	similar to deleted in colorectal carcinoma	1,0
12794700	506557	PB1	polybromo 1	1,0
12857640	407194	CCNT1	cyclin T1	1,0
12884493	509184	LOC509184	similar to transmembrane emp24 protein transport domain containing 9	1,0
12683672	504472	DNAJC13	DnaJ (Hsp40) homolog, subfamily C, member 13	1,0
12737740	785182	LOC785182	similar to Uncharacterized protein KIAA0562	1,0
12686629	613824	LOC613824	similar to CGG triplet repeat-binding protein 1 (CGG-binding protein 1) (p20-CGGBP DNA-binding protein) (20 kDa CGG-binding protein)	1,0
12908876	525318	MAGEE2	melanoma antigen family E, 2	1,0
12816117	508714	C25H16ORF42	chromosome 16 open reading frame 42 ortholog	1,0
12708251	618158	LOC618158	hypothetical LOC618158	1,0
12812029	508143	MRPS17	mitochondrial ribosomal protein S17	1,0
12818928	281748	ECHS1	enoyl Coenzyme A hydratase, short chain, 1, mitochondrial	1,0
12705404	511988	TRUB2	TruB pseudouridine (psi) synthase homolog 2 (E. coli)	1,0
12688601	507759	LOC507759	similar to olfactory receptor 1510	1,0
12888194	783540	ZNF564	zinc finger protein 564	1,0
12684402	511460	CLDN18	claudin 18	1,0
12853211	327704	NDUFA4	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4, 9kDa	1,0
12693689	338047	DDHD1	DDHD domain containing 1	1,0
12713531	100337481	LOC100337481	ubiquitin-conjugating enzyme E2D 3-like	1,0
12901797	100297816	LOC100297816	hypothetical protein LOC100297816	1,0
12706239	523898	LOC523898	similar to sulfotransferase K1	1,0
12753447	539845	THAP11	THAP domain containing 11	1,0
12810808	100125883	MYST1	MYST histone acetyltransferase 1	1,0
12775770	508406	MUL1	mitochondrial E3 ubiquitin ligase 1	1,0
12835680	100336730	LOC100336730	myocyte enhancer factor 2D-like	1,0
12690173	528574	RAB2B	RAB2B, member RAS oncogene family	1,0
12759781	784460	SPIB	Spi-B transcription factor (Spi-1/PU.1 related)	1,0
12840828	540401	PYGO2	pygopus homolog 2 (Drosophila)	1,0
12863530	100295672	LOC100295672	similar to killer cell lectin-like receptor subfamily G, member 1	1,0
12807737	507817	ME2	malic enzyme 2, NAD(+)-dependent, mitochondrial	1,0
12859511	514449	EIF3L	eukaryotic translation initiation factor 3, subunit L	1,0

12756513	508098	LOC508098	hypothetical LOC508098	1,0
12739239	510909	STX6	syntaxin 6	1,0
12848465	100295456	LOC100295456	hypothetical protein LOC100295456	1,0
12684848	517446	AP2M1	adaptor-related protein complex 2, mu 1 subunit	1,0
12717610	788381	CENPB	centromere protein B, 80kDa	1,0
12784771	788792	FARSB	phenylalanyl-tRNA synthetase, beta subunit	1,0
12684487	512805	CSTB	cystatin B (stefin B)	1,0
12852349	781499	LOC781499	similar to heterogeneous nuclear ribonucleoprotein A3	1,0
12682876	100125779	PCYT1A	phosphate cytidylyltransferase 1, choline, alpha	1,0
12908599	519239	LANCL3	LanC lantibiotic synthetase component C-like 3 (bacterial)	1,0
12678456	100337421	LOC100337421	VEPH1 protein-like	1,0
12821015	617598	TMEM20	transmembrane protein 20	1,0
12813389	531391	MAPK3	mitogen-activated protein kinase 3	1,0
12896523	100337167	LOC100337167	brain-specific angiogenesis inhibitor 3-like	1,0
12888145	781002	LOC781002	hypothetical LOC781002	1,0
12805101	507347	SIRT5	sirtuin (silent mating type information regulation 2 homolog) 5 (<i>S. cerevisiae</i>)	1,0
12806128	532145	MGC148542	hypothetical LOC532145	1,0
12732659	531068	OLFML1	olfactomedin-like 1	1,0
12823393	100296670	LOC100296670	hypothetical protein LOC100296670	1,0
12817111	521662	ZNF200	zinc finger protein 200	1,0
12752680	531064	ZNF584	zinc finger protein 584	1,0
12906223	786844	MXRA5	matrix-remodelling associated 5	1,0
12743876	536009	TTC29	tetratricopeptide repeat domain 29	1,0
12848564	100299556	LOC100299556	similar to olfactory receptor Olr1654	1,0
12903168	407172	CNGA2	cyclic nucleotide gated channel alpha 2	1,0
12694943	515802	LOC515802	hypothetical LOC515802	1,0
12864187	282688	Rpl3	ribosomal protein L3	1,0
12792498	514174	CPEB1	cytoplasmic polyadenylation element binding protein 1	1,0
12694360	509856	RNF31	ring finger protein 31	1,0
12711310	505251	ELF1	E74-like factor 1 (ets domain transcription factor)	1,0
12868613	617654	LOC617654	similar to Glyceraldehyde-3-phosphate dehydrogenase	1,0
12824231	530414	AGPAT5	1-acylglycerol-3-phosphate O-acyltransferase 5 (lysophosphatidic acid acyltransferase, epsilon)	1,0
12825125	513530	OXSM	3-oxoacyl-ACP synthase, mitochondrial	1,0
12898849	614380	SLC22A16	solute carrier family 22 (organic cation/carnitine transporter), member 16	1,0
12774650	282875	PRKRA	protein kinase, interferon-inducible double stranded RNA dependent activator	1,0
12848043	783965	ROR1	receptor tyrosine kinase-like orphan receptor 1	1,0
12863862	100336998	LOC100336998	PTPRF interacting protein alpha 1-like	1,0
12782335	523970	TRAK2	trafficking protein, kinesin binding 2	1,0
12833064	504925	CPSF7	cleavage and polyadenylation specific factor 7, 59kDa	1,0
12700555	521037	RIC8A	resistance to inhibitors of cholinesterase 8 homolog A (<i>C. elegans</i>)	1,0
12909180	532262	TLR8	toll-like receptor 8	1,0
12819240	506002	UBTD1	ubiquitin domain containing 1	1,0
12739231	510483	PIGC	phosphatidylinositol glycan anchor biosynthesis, class C	1,0
12691474	540677	SYT16	synaptotagmin XVI	1,0
12682332	614347	ANAPC13	anaphase promoting complex subunit 13	1,0
12697687	785050	LOC785050	similar to olfactory receptor 1306	1,0
12774880	353301	MECR	mitochondrial trans-2-enoyl-CoA reductase	1,0
12882796	100300028	LOC100300028	similar to pre-B lymphocyte 3	1,0
12817354	525521	RPUSD1	RNA pseudouridylate synthase domain containing 1	1,0
12772421	540263	10-Mar	membrane-associated ring finger (C3HC4) 10	1,0
12859017	510764	LOC510764	similar to SAPS domain family member 2	1,0
12808574	540456	C24H18ORF10	chromosome 18 open reading frame 10 ortholog	1,0

12882037	767822	PNPLA6	patatin-like phospholipase domain containing 6	1,0
12755259	100296121	LOC100296121	similar to zinc finger protein 551	1,0
12881524	613741	MYOZ3	myozenin 3	1,0
12881847	616355	LOC616355	hypothetical LOC616355	1,0
12727904	514579	ALKBH3	alkB, alkylation repair homolog 3 (E. coli)	1,0
12816845	516209	LFNG	LFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase	1,0
12845646	527518	CYB561D1	cytochrome b-561 domain containing 1	1,0
12866823	530230	CCDC91	coiled-coil domain containing 91	1,0
12892493	100335676	LOC100335676	ribosomal protein L9-like	1,0
12833369	509055	MGC139603	hypothetical LOC509055	1,0
12736494	530538	LOC530538	similar to PRAME family member 15	1,0
12869542	100140203	LOC100140203	similar to hCG38791	1,0
12804890	504943	RXRB	retinoid X receptor, beta	1,0
12689774	519937	JUB	jub, ajuba homolog (Xenopus laevis)	1,0
12742218	506282	EMID1	EMI domain containing 1	1,0
12792979	528436	STRC	stereocilin	1,0
12689076	512474	DISP2	dispatched homolog 2 (Drosophila)	1,0
12827402	100125276	GNG4	guanine nucleotide binding protein (G protein), gamma 4	1,0
12838735	518045	RBM8A	RNA binding motif protein 8A	1,0
12762912	512021	ARHGEF15	Rho guanine nucleotide exchange factor (GEF) 15	1,0
12699444	508853	IMMT	inner membrane protein, mitochondrial (mitofilin)	1,0
12680271	514191	PARL	presenilin associated, rhomboid-like	1,0
12866186	515967	LOC515967	similar to olfactory receptor Olr878	1,0
12739099	508501	UBIAD1	UbiA prenyltransferase domain containing 1	1,0
12835606	100300995	LOC100300995	similar to cytochrome c oxidase subunit III	1,0
12724804	510507	LOC510507	similar to cholesterol 7alpha-hydroxylase	1,0
12710821	784362	SCEL	sciellin	1,0
12778449	538690	ID3	inhibitor of DNA binding 3, dominant negative helix-loop-helix protein	1,0
12766482	791045	MIR423	microRNA mir-423	1,0
12732403	522979	MFRP	membrane frizzled-related protein	1,0
12889901	508932	IL11RA	interleukin 11 receptor, alpha	1,0
12863833	100336845	LOC100336845	CECR5 protein-like	1,0
12843959	509530	BOLA1	bolA homolog 1 (E. coli)	1,0
12889637	507275	CCDC25	coiled-coil domain containing 25	1,0
12834900	615726	EIF1AD	eukaryotic translation initiation factor 1A domain containing	1,0
12794732	506728	ZDHHC3	zinc finger, DHHC-type containing 3	1,0
12752578	529706	CES8	carboxylesterase 8 (putative)	1,0
12871862	536771	FGF5	fibroblast growth factor 5	1,0
12769230	509694	USP22	ubiquitin specific peptidase 22	1,0
12803643	617546	C23H6ORF47	chromosome 6 open reading frame 47 ortholog	1,0
12900255	515386	UBE2CBP	ubiquitin-conjugating enzyme E2C binding protein	1,0
12739643	515551	DDI2	DDI1, DNA-damage inducible 1, homolog 2 (S. cerevisiae)	1,0
12718058	282021	PTGIS	prostaglandin I2 (prostacyclin) synthase	1,0
12892483	100335302	LOC100335302	hypothetical protein LOC100335302	1,0
12755137	100139577	LOC100139577	similar to zinc finger protein 471	1,0
12784859	100297493	LOC100297493	similar to odorant binding protein I f	1,0
12713203	100139502	LOC100139502	hypothetical protein LOC100139502	1,0
12836910	506122	MTMR11	myotubularin related protein 11	1,0
12793494	538808	KIF7	kinesin family member 7	1,0
12694883	515306	PIGH	phosphatidylinositol glycan anchor biosynthesis, class H	1,0
12735323	509065	RGSL1	regulator of G-protein signaling like 1	1,0
12801521	508460	DOM3Z	dom-3 homolog Z (C. elegans)	1,0

12885242	513140	ADAMTS10	ADAM metallopeptidase with thrombospondin type 1 motif, 10	1,0
12807765	509041	NAPG	N-ethylmaleimide-sensitive factor attachment protein, gamma	1,0
12892568	100337501	LOC100337501	osteomodulin-like	1,0
12686768	614915	HMGN1	high-mobility group nucleosome binding domain 1	1,0
12744147	540437	MYO18B	myosin XVIIIIB	1,0
12693638	286855	MTFMT	mitochondrial methionyl-tRNA formyltransferase	1,0
12799493	526884	WDR6	WD repeat domain 6	1,0
12827889	505854	C28H10orf57	transmembrane protein C10orf57 homolog	1,0
12750969	510793	FAAP24	Fanconi anemia-associated protein, 24 kDa	1,0
12744010	538763	YDJC	YdjC homolog (bacterial)	1,0
12695895	531362	RPAP1	RNA polymerase II associated protein 1	1,0
12802720	532573	FLOT1	flotillin 1	1,0
12693554	282298	PABPN1	poly(A) binding protein, nuclear 1	1,0
12706637	530070	LOC530070	hypothetical protein LOC530070	1,0
12736894	537028	MOSC1	MOCO sulphurase C-terminal domain containing 1	1,0
12756943	512380	EML2	similar to mCG4871	1,0
12752972	534015	TMCO7	transmembrane and coiled-coil domains 7	1,0
12744875	786811	LOC786811	similar to Testis-specific Y-encoded protein 1 (Cancer/testis antigen 78) (CT78)	1,0
12765227	613381	HN1	hematological and neurological expressed 1	1,0
12723349	539995	TMEM74	transmembrane protein 74	1,0
12880370	532241	PCDHGB4	protocadherin gamma subfamily B, 4	1,0
12904514	523963	LOC523963	similar to interferon regulatory factor 2 binding protein 1	1,0
12827237	782397	EIF4EBP2	eukaryotic translation initiation factor 4E binding protein 2	1,0
12693457	281630	APEX1	APEX nuclease (multifunctional DNA repair enzyme) 1	1,0
12801498	508399	ABCC10	ATP-binding cassette, sub-family C (CFTR/MRP), member 10	1,0
12735131	506359	AURKAIP1	aurora kinase A interacting protein 1	1,0
12905320	539011	BRS3	bombesin-like receptor 3	1,0
12705343	511385	LOC511385	similar to lung-inducible neuralized-related C3HC4 RING domain protein	1,0
12859046	510949	ADSL	adenylosuccinate lyase	1,0
12733161	539879	KLHL35	kelch-like 35 (Drosophila)	1,0
12702539	614151	MRPL30	mitochondrial ribosomal protein L30	1,0
12797810	100335258	LOC100335258	hypothetical protein LOC100335258	1,0
12765009	539517	MYOCD	myocardin	1,0
12708548	784445	RPL17	similar to ribosomal protein L17	1,0
12721560	100313355	MIR2310	microRNA mir-2310	1,0
12739104	508521	AGTRAP	angiotensin II receptor-associated protein	1,0
12707471	539484	GCC2	GRIP and coiled-coil domain containing 2	1,0
12830569	513454	PDDC1	Parkinson disease 7 domain containing 1	1,0
12787041	327680	NDUFS4	NADH dehydrogenase (ubiquinone) Fe-S protein 4, 18kDa (NADH-coenzyme Q reductase)	1,0
12822507	525649	LOC525649	similar to ribosomal protein L27	1,0
12816068	508216	MRPL28	mitochondrial ribosomal protein L28	1,0
12766560	100138178	UBE2Z	ubiquitin-conjugating enzyme E2Z	1,0
12690871	536117	LOC536117	similar to centrosomal protein 152kDa	1,0
12752835	533197	HNRNPUL1	heterogeneous nuclear ribonucleoprotein U-like 1	1,0
12903059	327687	ATP6AP1	ATPase, H ⁺ transporting, lysosomal accessory protein 1	1,0
12855751	614878	TRPV6	transient receptor potential cation channel, subfamily V, member 6	1,0
12733217	540207	ILK	integrin-linked kinase	1,0
12816997	518117	ATP2A1	ATPase, Ca ⁺⁺ transporting, cardiac muscle, fast twitch 1	1,0

12839662	531770	FAF1	Fas (TNFRSF6) associated factor 1	1,0
12800454	615215	MAPKAPK3	mitogen-activated protein kinase-activated protein kinase 3	1,0
12827943	510059	TFAM	transcription factor A, mitochondrial	1,0
12804288	100336834	LOC100336834	hCG1994130-like	1,0
12766725	100297029	LOC100297029	hypothetical protein LOC100297029	1,0
12701150	529468	KCNT1	potassium channel, subfamily T, member 1	1,0
12741683	100295022	LOC100295022	similar to pre-B lymphocyte gene 2	1,0
12679972	511862	KTELC1	KTEL (Lys-Tyr-Glu-Leu) containing 1	1,0
12745673	505094	PRODH	proline dehydrogenase (oxidase) 1	1,0
12885762	521472	ANGPTL6	angiopoietin-like 6	1,0
12848415	100138038	ARMC10	armadillo repeat containing 10	1,0
12764311	532621	THRA	thyroid hormone receptor, alpha (erythroblastic leukemia viral (v-erb-a) oncogene homolog, avian)	1,0
12864857	506888	DLST	dihydrolipoamide S-succinyltransferase (E2 component of 2-oxo-glutarate complex)	1,0
12841654	782152	LOC782152	similar to olfactory receptor Olr1347	1,0
12817854	534882	EIF3C	eukaryotic translation initiation factor 3, subunit C	1,0
12760462	100313068	MIR584-2	microRNA mir-584-2	1,0
12875328	538481	TET2	tet oncogene family member 2	1,0
12742144	504256	CLGN	calmegin	1,0
12864103	281978	PDE6H	phosphodiesterase 6H, cGMP-specific, cone, gamma	1,0
12791559	100301305	LOC100301305	hypothetical protein LOC100301305	1,0
12830395	511465	MGC140823	mammary tumor virus receptor 2 homolog	1,0
12761076	282312	POLR2A	polymerase (RNA) II (DNA directed) polypeptide A, 220kDa	1,0
12887704	614468	LOC614468	similar to Olfactory receptor 7A5 (Olfactory receptor OR19-17) (Olfactory receptor TPCR92)	1,0
12682679	781604	KRTAP11-1	keratin associated protein 11-1	1,0
12692077	617007	RAD51L1	RAD51-like 1 (S. cerevisiae)	1,0
12895189	541021	PPAPDC2	phosphatidic acid phosphatase type 2 domain containing 2	1,0
12905437	540065	ERAS	ES cell expressed Ras	1,0
12746636	514991	ABCE1	ATP-binding cassette, sub-family E (OABP), member 1	1,0
12863892	280746	CD9	CD9 molecule	1,0
12776831	519222	DIS3L2	DIS3 mitotic control homolog (S. cerevisiae)-like 2	1,0
12841853	786372	LOC786372	similar to trichohyalin, putative	1,0
12784804	790995	MIR128-1	microRNA mir-128-1	1,0
12801581	509619	APOBEC2	apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 2	1,0
12702743	616607	MORN2	MORN repeat containing 2	1,0
12804878	504846	PPP1R11	protein phosphatase 1, regulatory (inhibitor) subunit 11	1,0
12693669	327683	TBCA	tubulin folding cofactor A	1,0
12784435	617435	C1QB	complement component 1, q subcomponent, B chain	1,0
12840869	540516	ERI3	ERI1 exoribonuclease family member 3	1,0
12887236	539825	MAST1	microtubule associated serine/threonine kinase 1	1,0
12718369	505328	OSBPL2	oxysterol binding protein-like 2	1,0
12822216	514371	ACTR1A	ARP1 actin-related protein 1 homolog A, centractin alpha (yeast)	1,0
12848281	787681	PPIE	peptidylprolyl isomerase E (cyclophilin E)	1,0
12721203	782136	LOC782136	similar to ribosomal protein L26	1,0
12814717	790010	FTSJ2	FtsJ homolog 2 (E. coli)	1,0
12799617	531240	PLXNA1	plexin A1	1,0
12848339	789231	LOC789231	similar to GnRH receptor II	1,0
12729259	535668	RPS13	ribosomal protein S13	1,0
12841721	784489	LOC784489	similar to polycystic kidney disease 1-like	1,0
12812296	511736	RABEP2	rabaptin, RAB GTPase binding effector protein 2	1,0
12843716	507503	THAP4	THAP domain containing 4	1,0

12782186	523081	SLC23A3	solute carrier family 23 (nucleobase transporters), member 3	1,0
12844912	515770	PPOX	protoporphyrinogen oxidase	1,0
12808661	615378	RTTN	rotatin	1,0
12834965	616476	HNRNPUL2	heterogeneous nuclear ribonucleoprotein U-like 2	1,0
12682943	100295593	LOC100295593	hypothetical protein LOC100295593	1,0
12690764	535194	GPHN	gephyrin	1,0
12861154	534634	GGA1	golgi associated, gamma adaptin ear containing, ARF binding protein 1	1,0
12774541	281912	MFAP2	microfibrillar-associated protein 2	1,0
12834909	615853	MRGPRD	MAS-related GPR, member D	1,0
12897122	511802	CDK19	cyclin-dependent kinase 19	1,0
12888485	788068	LOC788068	similar to Olfactory receptor 7A5 (Olfactory receptor OR19-17) (Olfactory receptor TPCR92)	1,0
12803674	617881	F13A1	coagulation factor XIII, A1 polypeptide	1,0
12832000	618276	SPATA19	spermatogenesis associated 19	1,0
12806154	532724	ALDH5A1	aldehyde dehydrogenase 5 family, member A1	1,0
12778356	538505	STAM2	signal transducing adaptor molecule (SH3 domain and ITAM motif) 2	1,0
12828899	767587	CCAR1	cell division cycle and apoptosis regulator 1	1,0
12887830	616145	ADAMTSL5	ADAMTS-like 5	1,0
12726638	281035	SERPING1	serpin peptidase inhibitor, clade G (C1 inhibitor), member 1	1,0
12781579	514470	DCDC2B	doublecortin domain containing 2B	1,0
12765685	618350	CISD3	CDGSH iron sulfur domain 3	1,0
12874708	530285	LOC530285	similar to F-box protein 27	1,0
12745126	100297914	LOC100297914	hypothetical protein LOC100297914	1,0
12686837	615508	TPRG1	tumor protein p63 regulated 1	1,0
12740297	533907	SLC41A1	solute carrier family 41, member 1	1,0
12818054	539636	GLYR1	glyoxylate reductase 1 homolog (Arabidopsis)	1,0
12828084	514877	RASGEF1A	RasGEF domain family, member 1A	1,0
12749075	100336423	LOC100336423	osteoclast-associated receptor-like	1,0
12684841	517211	NAA50	N(alpha)-acetyltransferase 50, NatE catalytic subunit	1,0
12894515	532587	BLK	B lymphoid tyrosine kinase	1,0
12791576	100336929	LOC100336929	zinc finger, AN1-type domain 6-like	1,0
12705262	511058	PPP6C	protein phosphatase 6, catalytic subunit	1,0
12830811	515669	PLCB3	phospholipase C, beta 3 (phosphatidylinositol-specific)	1,0
12863563	100297221	LOC100297221	hypothetical protein LOC100297221	1,0
12792520	514610	MESDC2	mesoderm development candidate 2	1,0
12828476	533927	TSNAX	translin-associated factor X	1,0
12775222	497029	GRB14	growth factor receptor-bound protein 14	1,0
12742904	518935	GAS2L1	growth arrest-specific 2 like 1	1,0
12713075	781339	LOC781339	similar to 90-kDa heat shock protein alpha	1,0
12862353	615148	CCDC72	coiled-coil domain containing 72	1,0
12878453	509920	LSM7	LSM7 homolog, U6 small nuclear RNA associated (S. cerevisiae)	1,0
12832041	767617	ST14	suppression of tumorigenicity 14 (colon carcinoma)	1,0
12743244	526847	LOC526847	similar to zinc finger, DHHC-type containing 8	1,0
12853992	512754	RPA3	replication protein A3, 14kDa	1,0
12742333	507418	DDX51	DEAD (Asp-Glu-Ala-Asp) box polypeptide 51	1,0
12909052	529893	AWAT1	acyl-CoA wax alcohol acyltransferase 1	1,0
12736974	538772	DARS2	aspartyl-tRNA synthetase 2, mitochondrial	1,0
12846391	534402	PGM1	phosphoglucomutase 1	1,0
12750822	510315	CIRH1A	cirrhosis, autosomal recessive 1A (cirhin)	1,0
12878376	509394	ISYNA1	inositol-3-phosphate synthase 1	1,0
12690604	534176	MNAT1	menage a trois homolog 1, cyclin H assembly factor (Xenopus laevis)	1,0
12828114	515913	SPATIAL	chromosome 10 open reading frame 27 ortholog	1,0

12843293	505228	THRAP3	thyroid hormone receptor associated protein 3	1,0
12843206	504879	MPTX	amyloid P component-like	1,0
12814973	100300048	LOC100300048	hypothetical protein LOC100300048	1,0
12894676	534958	AGTPBP1	ATP/GTP binding protein 1	1,0
12720191	529876	WDR37	WD repeat domain 37	1,0
12691243	539922	FBXO34	F-box protein 34	1,0
12785508	511800	ANKH	ankylosis, progressive homolog (mouse)	1,0
12810858	100126443	ZNF713	zinc finger protein 713	1,0
12814558	787498	YPEL3	yippee-like 3 (Drosophila)	1,0
12732657	530824	LOC530824	similar to olfactory receptor Olr35	1,0
12861966	540528	NR1H4	nuclear receptor subfamily 1, group H, member 4	1,0
12850767	528654	VPS41	vacuolar protein sorting 41 homolog (S. cerevisiae)	1,0
12876471	100299289	LOC100299289	similar to olfactory receptor Olr1654	1,0
12769833	512248	LOC512248	similar to DnaJ (Hsp40) homolog, subfamily C, member 8	1,0
12866786	527759	AQP6	aquaporin 6, kidney specific	1,0
12907438	504687	CXorf56	chromosome X open reading frame 56 ortholog	1,0
12703050	768009	MGC134516	transmembrane protein ENSP00000343375 homolog	1,0
12723226	535990	KCNB2	potassium voltage-gated channel, Shab-related subfamily, member 2	1,0
12859265	512999	MANSC1	MANSC domain containing 1	1,0
12877898	506272	TMEM221	transmembrane protein 221	1,0
12790674	536605	FBXO22	F-box protein 22	1,0
12759088	614198	NFKBID	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, delta	1,0
12733918	785207	LOC785207	similar to olfactory receptor MOR24-2	1,0
12879093	514663	LRG1	leucine-rich alpha-2-glycoprotein 1	1,0
12888231	785332	LOC785332	similar to olfactory receptor, family 5, subfamily W, member 2	1,0
12835038	617899	POLD4	polymerase (DNA-directed), delta 4	1,0
12838711	517846	FCRL1	Fc receptor-like 1	1,0
12905348	539414	RAI2	retinoic acid induced 2	1,0
12697310	616981	FERMT2	fermitin family homolog 2 (Drosophila)	1,0
12893797	514616	DOK2	docking protein 2, 56kDa	1,0
12740177	532773	PLEKHA6	pleckstrin homology domain containing, family A member 6	1,0
12698807	407133	nk1R	tachikinin receptor 1	1,0
12863641	100313211	MIR2430	microRNA mir-2430	1,0
12848477	100295614	LOC100295614	hypothetical protein LOC100295614	1,0
12720518	535023	FAM107B	family with sequence similarity 107, member B	1,0
12868570	616478	LOC616478	similar to predicted protein	1,0
12733819	782387	RAG2	recombination activating gene 2	1,0
12709231	506545	CLDN10	claudin 10	1,0
12852529	787719	LOC787719	similar to olfactory receptor 437	1,0
12741933	281420	PPID	peptidylprolyl isomerase D	1,0
12752401	525522	ZNF677	zinc finger protein 677	1,0
12749645	404118	CEACAM8	carcinoembryonic antigen-related cell adhesion molecule 8	1,0
12813769	539901	RNF40	ring finger protein 40	1,0
12804285	100336381	LOC100336381	eukaryotic translation elongation factor 1 alpha 1-like	1,0
12810482	540558	MBD1	methyl-CpG binding domain protein 1	1,0
12840449	538428	DEDD	death effector domain containing	1,0
12873385	338446	PPARGC1A	peroxisome proliferator-activated receptor gamma, coactivator 1 alpha	1,0
12805004	506141	IRF4	similar to interferon regulatory factor 4	1,0
12774697	317711	COL4A3	collagen, type IV, alpha 3 (Goodpasture antigen)	1,0
12684962	519992	USP16	ubiquitin specific peptidase 16	1,0
12804300	100337064	LOC100337064	hypothetical protein LOC100337064	1,0
12908026	511826	HUWE1	HECT, UBA and WWE domain containing 1	1,0

12731984	513264	LPXN	leupaxin	1,0
12906591	100313248	MIR2486	microRNA mir-2486	1,0
12749728	444867	NOD2	nucleotide-binding oligomerization domain containing 2	1,0
12803360	540191	BAT1	HLA-B associated transcript 1	1,0
12831750	613442	ZFPL1	zinc finger protein-like 1	1,0
12757019	512684	ZNF547	zinc finger protein 547	1,0
12682826	785030	GPR87	G protein-coupled receptor 87	1,0
12687470	790875	GSK3B	glycogen synthase kinase 3 beta	1,0
12872344	614879	TMEM33	transmembrane protein 33	1,0
12876747	280825	IL5	interleukin 5 (colony-stimulating factor, eosinophil)	1,0
12797687	791046	MIR425	microRNA mir-425	1,0
12795409	512647	UBA3	ubiquitin-like modifier activating enzyme 3	1,0
12845372	523399	IPO13	importin 13	1,0
12828466	533603	DNAJB12	DnaJ (Hsp40) homolog, subfamily B, member 12	1,0
12779838	790985	MIR26B	microRNA mir-26b	1,0
12719399	514958	TH1L	TH1-like (Drosophila)	1,0
12866290	516784	BPIL2	bactericidal/permeability-increasing protein-like 2	1,0
12747149	528939	LOC528939	similar to CG3558 CG3558-PA	1,0
12865964	514548	DCP1B	DCP1 decapping enzyme homolog B (S. cerevisiae)	1,0
12831287	531109	TAF6L	TAF6-like RNA polymerase II, p300/CBP-associated factor (PCAF)-associated factor, 65kDa	1,0
12732186	516000	CNGA4	cyclic nucleotide gated channel alpha 4	1,0
12821069	782444	TRIM8	tripartite motif-containing 8	1,0
12863665	100313438	MIR2440	microRNA mir-2440	1,0
12786670	781723	LOC781723	similar to erythropoietin 4 immediate early response	1,0
12730552	100299084	LOC100299084	similar to olfactory receptor, family 5, subfamily I, member 1	1,0
12706605	529972	SNX17	sorting nexin 17	1,0
12789879	512667	ADAL	adenosine deaminase-like	1,0
12739604	515214	ACTRT2	actin-related protein T2	1,0
12829021	784492	BNIP3L	BCL2/adenovirus E1B 19kDa interacting protein 3-like	1,0
12754112	618180	FFAR1	free fatty acid receptor 1	1,0
12887917	617132	PCP2	Purkinje cell protein 2	1,0
12743939	537418	TOP3B	topoisomerase (DNA) III beta	1,0
12744976	789735	CCDC74B	coiled-coil domain containing 74B	1,0
12756723	509803	C18H19ORF54	chromosome 19 open reading frame 54 ortholog	1,0
12746748	515631	LOC515631	similar to Coiled-coil domain-containing protein 60 (Aaa-protein) (Protein TSP-NY)	1,0
12868332	614719	TMEM117	transmembrane protein 117	1,0
12736803	535340	EXOSC10	exosome component 10	1,0
12682860	100125416	ACTL6A	actin-like 6A	1,0
12783059	535137	EPHB2	EPH receptor B2	1,0
12853419	504596	BLVRA	biliverdin reductase A	1,0
12861747	539561	GLS2	glutaminase 2 (liver, mitochondrial)	1,0
12865991	514797	CLEC4E	C-type lectin domain family 4, member E	1,0
12904502	523881	WDR13	WD repeat domain 13	1,0
12706369	526069	SOHLH1	spermatogenesis and oogenesis specific basic helix-loop-helix 1	1,0
12705573	513620	TMEM127	transmembrane protein 127	1,0
12693060	100297024	LOC100297024	hypothetical LOC100297024	1,0
12848801	100337400	LOC100337400	serine/threonine kinase 17a-like	1,0
12878117	507559	B4GALT7	xylosylprotein beta 1,4-galactosyltransferase, polypeptide 7 (galactosyltransferase I)	1,0
12772864	616364	LOC616364	similar to C-C motif chemokine 3-like 1 precursor (Small-inducible cytokine A3-like 1) (Tonsillar lymphocyte LD78 beta protein) (LD78-beta(1-70)) (G0/G1 switch regulatory protein 19-2) (G0S19-2 protein) (PAT 464.2)	1,0
12691842	614220	RPS27L	ribosomal protein S27-like	1,0

12797505	785711	VPRBP	Vpr (HIV-1) binding protein	1,0
12682297	614057	TMEM44	transmembrane protein 44	1,0
12693198	100313351	MIR190A	microRNA mir-190a	1,0
12802631	529312	SSR1	signal sequence receptor, alpha	1,0
12699747	511987	COQ4	coenzyme Q4 homolog (S. cerevisiae)	1,0
12781119	510340	LOC510340	hypothetical LOC510340	1,0
12726109	617901	MRPL13	mitochondrial ribosomal protein L13	1,0
12849250	286762	CPA1	carboxypeptidase A1 (pancreatic)	1,0
12855006	534141	AVL9	AVL9 homolog (S. cerevisiae)	1,0
12840721	539760	ILF2	interleukin enhancer binding factor 2, 45kDa	1,0
12765647	617998	DUS1L	dihydrouridine synthase 1-like (S. cerevisiae)	1,0
12817431	527938	SRRT	serrate RNA effector molecule homolog (Arabidopsis)	1,0
12876297	100294941	LOC100294941	hypothetical protein LOC100294941	1,0
12849911	511018	BCAP29	B-cell receptor-associated protein 29	1,0
12805415	512445	ZNF187	zinc finger protein 187	1,0
12761426	504201	MYL4	myosin, light chain 4, alkali; atrial, embryonic	1,0
12852132	618297	LOC618297	similar to high-mobility group box 2	1,0
12693760	407199	LOC407199	T cell receptor delta chain	1,0
12892487	100335340	LOC100335340	hypothetical protein LOC100335340	1,0
12853586	506919	TRYX3	trypsin X3	1,0
12737069	539793	PPFIA4	protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (liprin), alpha 4	1,0
12774056	100335855	LOC100335855	centromere protein A-like	1,0
12812085	508713	GNPTG	N-acetylglucosamine-1-phosphate transferase, gamma subunit	1,0
12862033	540839	POLR3B	polymerase (RNA) III (DNA directed) polypeptide B	1,0
12828347	529891	TTC18	tetratricopeptide repeat domain 18	1,0
12894972	539174	MTMR9	myotubularin related protein 9	1,0
12773575	788382	KRT12	keratin 12	1,0
12807089	785811	LOC785811	similar to olfactory receptor, family 12, subfamily D, member 2	1,0
12879220	516019	SEMA6A	sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6A	1,0
12750207	506610	TFPT	TCF3 (E2A) fusion partner (in childhood Leukemia)	1,0
12800620	768326	SNTN	sentan, cilia apical structure protein	1,0
12679509	508683	PFKL	phosphofructokinase, liver	1,0
12878719	511762	ABCA7	ATP-binding cassette, sub-family A (ABC1), member 7	1,0
12847309	614343	MRPS21	mitochondrial ribosomal protein S21	1,0
12856216	789121	LOC789121	similar to dynein light chain 1	1,0
12698988	504763	FAM49A	family with sequence similarity 49, member A	1,0
12884301	508141	KDM4B	lysine (K)-specific demethylase 4B	1,0
12900397	517251	C9H6ORF35	chromosome 6 open reading frame 35 ortholog	1,0
12754347	767979	HSBP1	heat shock factor binding protein 1	1,0
12774525	281736	CXCR4	chemokine (C-X-C motif) receptor 4	1,0
12766599	100140050	ITGAE	integrin, alpha E (antigen CD103, human mucosal lymphocyte antigen 1; alpha polypeptide)	1,0
12778080	535735	LOC535735	similar to CG31122 CG31122-PA	1,0
12886453	532791	KEAP1	kelch-like ECH-associated protein 1	1,0
12726504	100336645	LOC100336645	olfactory receptor 711-like	1,0
12702915	617416	FAM125B	hypothetical protein LOC617416	1,0
12824450	540728	THEX1	three prime histone mRNA exonuclease 1	1,0
12784672	784844	TCEB3	transcription elongation factor B (SIII), polypeptide 3 (110kDa, elongin A)	1,0
12713761	282419	CSNK2A1	casein kinase 2, alpha 1 polypeptide	1,0
12888065	618791	MPV17L2	MPV17 mitochondrial membrane protein-like 2	1,0
12723302	539014	LOC539014	hypothetical LOC539014	1,0
12714880	513129	LOC513129	hypothetical LOC513129	1,0
12848223	786364	LOC786364	hypothetical LOC786364	1,0

12678431	100337008	LOC100337008	neuropeptide FF receptor 2-like	1,0
12887264	539838	FTMT	ferritin mitochondrial	1,0
12745997	507351	C17H12orf43	chromosome 12 open reading frame 43 ortholog	1,0
12760627	280752	CNP	2',3'-cyclic nucleotide 3' phosphodiesterase	1,0
12881176	539653	PCDHGA5	protocadherin gamma subfamily A, 5	1,0
12728347	521081	LOC521081	similar to rCG26407	1,0
12870490	504957	LRPAP1	low density lipoprotein receptor-related protein associated protein 1	1,0
12805397	512304	ENPP5	ectonucleotide pyrophosphatase/phosphodiesterase 5 (putative function)	1,0
12733890	784497	INSC	inscuteable homolog (Drosophila)	1,0
12832307	100139508	NAV2	neuron navigator 2	1,0
12697991	100139988	RHOQ	ras homolog gene family, member Q	1,0
12690470	532884	MNS1	meiosis-specific nuclear structural 1	1,0
12891577	540602	NANS	N-acetylneuraminic acid synthase	1,0
12907320	353254	KIR3DL1	killer cell immunoglobulin-like receptor, three domains, long cytoplasmic tail, 1	1,0
12885876	523701	NCAN	neurocan	1,0
12841144	614275	MOBKL2C	MOB1, Mps One Binder kinase activator-like 2C (yeast)	1,0
12803867	782341	LOC782341	similar to seven transmembrane helix receptor	1,0
12702637	615757	COX8B	cytochrome c oxidase subunit VIII-H (heart/muscle)	1,0
12846005	531369	TTF2	transcription termination factor, RNA polymerase II	1,0
12818251	615350	LOC615350	similar to LOC90835 protein	1,0
12870602	507194	MFSD10	major facilitator superfamily domain containing 10	1,0
12906547	100300550	LOC100300550	similar to cytochrome c oxidase subunit VIIb	1,0
12682480	616413	KRTAP10-12	keratin associated protein 10-12	1,0
12682731	783019	DIRC2	disrupted in renal carcinoma 2	1,0
12765414	615890	GDPD1	glycerophosphodiester phosphodiesterase domain containing 1	1,0
12809743	515578	LOC515578	similar to C-terminal binding protein 1	1,0
12742520	511051	RPL6	ribosomal protein L6	1,0
12777177	524446	PDE11A	phosphodiesterase 11A	1,0
12773860	100139318	LOC100139318	similar to hCG1657980	1,0
12699571	509757	ODF3	outer dense fiber of sperm tails 3	1,0
12877819	505903	LOC505903	similar to histone H2B	1,0
12715285	517009	LOC517009	similar to Uncharacterized protein C20orf152	1,0
12831467	534927	PRCP	prolylcarboxypeptidase (angiotensinase C)	1,0
12708115	616647	MCFD2	multiple coagulation factor deficiency 2	1,0
12742881	518001	CCDC63	coiled-coil domain containing 63	1,0
12890865	528603	ZNF618	similar to Zinc finger protein 618	1,0
12866626	523294	GLT8D2	glycosyltransferase 8 domain containing 2	1,0
12860048	520189	LGR5	leucine-rich repeat-containing G protein-coupled receptor 5	1,0
12734121	100140934	LOC100140934	similar to mCG22324	1,0
12743193	524491	CUX2	cut-like homeobox 2	1,0
12733726	617971	JMJD2D	jumonji domain containing 2D	1,0
12748925	100298130	LOC100298130	similar to galectin-7	1,0
12804428	280943	TNF	tumor necrosis factor (TNF superfamily, member 2)	1,0
12833302	508358	SYVN1	synovial apoptosis inhibitor 1, synoviolin	1,0
12779253	615045	LOC615045	similar to phospholipase A2 group IIA-like	1,0
12841845	786230	S100A3	S100 calcium binding protein A3	1,0
12758429	532489	SDR42E1	short chain dehydrogenase/reductase family 42E, member 1	1,0
12796705	539373	RPL14	ribosomal protein L14	1,0
12894545	532877	RNF38	ring finger protein 38	1,0
12847968	782233	LOC782233	similar to ATP synthase, H ⁺ transporting, mitochondrial F0 complex, subunit G	1,0
12788319	614040	ISL1	ISL LIM homeobox 1	1,0

12880240	528201	ANO8	anoctamin 8	1,0
12783495	538354	TMEFF2	transmembrane protein with EGF-like and two follistatin-like domains 2	1,0
12696936	541180	FEM1C	fem-1 homolog c (C. elegans)	1,0
12687856	100337134	LOC100337134	phosphodiesterase 8A-like	1,0
12697306	616970	LOC616970	similar to TRD@ protein	1,0
12767417	282083	SSTR2	somatostatin receptor 2	1,0
12773048	618324	RPAIN	RPA interacting protein	1,0
12739321	512520	FHAD1	forkhead-associated (FHA) phosphopeptide binding domain 1	1,0
12826977	540667	8-Mar	membrane-associated ring finger (C3HC4) 8	1,0
12771397	530254	DNAJC7	DnaJ (Hsp40) homolog, subfamily C, member 7	1,0
12868558	616210	TMBIM6	transmembrane BAX inhibitor motif containing 6	1,0
12707182	537141	KLHL29	kelch-like 29 (Drosophila)	1,0
12790922	539320	ZSCAN2	zinc finger and SCAN domain containing 2	1,0
12880336	530930	RHOBTB3	Rho-related BTB domain containing 3	1,0
12868576	616715	MGC137014	hibernation-associated plasma protein HP-20-like	1,0
12778369	538526	LGSN	lengsin, lens protein with glutamine synthetase domain	1,0
12749152	100336872	LOC100336872	hypothetical protein LOC100336872	1,0
12730735	281126	DRD2	dopamine receptor D2	1,0
12807093	785910	LOC785910	similar to olfactory receptor, family 12, subfamily D, member 2	1,0
12800859	100125879	C23H6orf153	chromosome 6 open reading frame 153 homolog	1,0
12761489	504581	USP36	ubiquitin specific peptidase 36	1,0
12878998	513834	KIAA0141	KIAA0141 protein	1,0
12770011	513057	PLCD3	phospholipase C, delta 3	1,0
12831125	524530	CCND1	cyclin D1	1,0
12739856	520210	CLCN6	chloride channel 6	1,0
12882982	100337227	LOC100337227	complement factor D-like	1,0
12834678	539250	KCNJ1	potassium inwardly-rectifying channel, subfamily J, member 1	1,0
12706234	523737	DPM2	dolichyl-phosphate mannosyltransferase polypeptide 2, regulatory subunit	1,0
12758011	523865	MZF1	myeloid zinc finger 1	1,0
12790487	529791	TTC23	tetratricopeptide repeat domain 23	1,0
12703067	768331	NMS	neuromedin S	1,0
12763025	512886	RNASEK	ribonuclease, RNase K	1,0
12905990	768236	ZC4H2	zinc finger, C4H2 domain containing	1,0
12903920	513602	HDAC6	histone deacetylase 6	1,0
12697652	784762	LOC784762	similar to 60S ribosomal protein L12	1,0
12784539	781039	LOC781039	similar to pericardine	1,0
12843947	509261	LOC509261	similar to Olfactory receptor 10J4	1,0
12885551	517383	GPRIN1	G protein regulated inducer of neurite outgrowth 1	1,0
12717757	100140850	ZNF831	zinc finger protein 831	1,0
12888471	787662	LOC787662	similar to olfactory receptor MOR118-1	1,0
12756160	504520	HNRNPL	heterogeneous nuclear ribonucleoprotein L	1,0
12788587	100138230	LOC100138230	similar to Huntingtin interacting protein K	1,0
12738537	281484	SELE	selectin E	1,0
12872277	613561	MRPS18C	mitochondrial ribosomal protein S18C	1,0
12847571	616375	ROBLD3	roadblock domain containing 3	1,0
12905287	538948	USP11	ubiquitin specific peptidase 11	1,0
12897969	533925	BAI3	brain-specific angiogenesis inhibitor 3	1,0
12709414	509259	GTF2F2	general transcription factor IIF, polypeptide 2, 30kDa	1,0
12906283	790984	MIR222	microRNA mir-222	1,0
12858048	506149	C5H22orf32	chromosome 22 open reading frame 32 ortholog	1,0
12826173	510670	C10orf107	chromosome 10 open reading frame 107	1,0
12901533	783596	KPNA5	karyopherin alpha 5 (importin alpha 6)	1,0
12813635	537598	MAPK8IP3	mitogen-activated protein kinase 8 interacting protein 3	1,0

12682847	785806	LOC785806	similar to olfactory receptor, family 5, subfamily K, member 1	1,0
12726490	100313409	MIR2315	microRNA mir-2315	1,0
12743253	527119	LOC527119	similar to KIAA0318	1,0
12890930	530189	RAD23B	RAD23 homolog B (S. cerevisiae)	1,0
12709957	527056	RNF6	ring finger protein (C3H2C3 type) 6	1,0
12889453	506073	PLAA	phospholipase A2-activating protein	1,0
12775687	507867	ANKZF1	ankyrin repeat and zinc finger domain containing 1	1,0
12789851	512584	SNRPA1	small nuclear ribonucleoprotein polypeptide A'	1,0
12745458	282389	TXNRD2	thioredoxin reductase 2	1,0
12726268	787651	LRRCC1	leucine rich repeat and coiled-coil domain containing 1	1,0
12772850	616254	ICAM2	intercellular adhesion molecule 2	1,0
12732606	529904	GRIA4	glutamate receptor, ionotropic, AMPA 4	1,0
12727190	507176	NR1H3	nuclear receptor subfamily 1, group H, member 3	1,0
12808973	100335666	LOC100335666	hypothetical protein LOC100335666	1,0
12709987	529442	UPF3A	UPF3 regulator of nonsense transcripts homolog A (yeast)	1,0
12765947	785513	SAMD14	sterile alpha motif domain containing 14	1,0
12764387	532868	MED31	mediator complex subunit 31	1,0
12850057	512265	HERPUD2	HERPUD family member 2	1,0
12762047	507168	RPL23A	ribosomal protein L23a	1,0
12828703	539514	SLC16A9	solute carrier family 16, member 9 (monocarboxylic acid transporter 9)	1,0
12719381	514829	C13H20orf135	chromosome 20 open reading frame 135 ortholog	1,0
12846937	539686	NOS1AP	nitric oxide synthase 1 (neuronal) adaptor protein	1,0
12841958	788719	FMO5	flavin containing monooxygenase 5	1,0
12757183	513695	PRR19	proline rich 19	1,0
12817661	531676	KDEL2	KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 2	1,0
12687190	783760	EIF2B5	eukaryotic translation initiation factor 2B, subunit 5 epsilon, 82kDa	1,0
12707867	614013	MRRF	mitochondrial ribosome recycling factor	1,0
12808904	100140797	LOC100140797	similar to Uncharacterized protein C18orf8 (Colon cancer-associated protein Mic1) (Mic-1)	1,0
12731183	505097	SMPD1	sphingomyelin phosphodiesterase 1, acid lysosomal	1,0
12682311	614129	LOC614129	similar to Eukaryotic initiation factor 4A-II (ATP-dependent RNA helicase eIF4A-2) (eIF4A-II) (eIF-4A-II)	1,0
12905452	540312	LOC540312	similar to Protein DDX26B	1,0
12794241	100313456	MIR584-4	microRNA mir-584-4	1,0
12857355	327675	ATP5B	ATP synthase, H ⁺ transporting, mitochondrial F1 complex, beta polypeptide	1,0
12753020	534550	LIN37	lin-37 homolog (C. elegans)	1,0
12732052	513867	LOC513867	similar to olfactory receptor MOR232-3	1,0
12908327	515109	TIMM8A	translocase of inner mitochondrial membrane 8 homolog A (yeast)	1,0
12814118	617589	CLUAP1	clusterin associated protein 1	1,0
12903885	513188	TMEM27	transmembrane protein 27	1,0
12872726	784183	LOC784183	similar to hCG2038359	1,0
12910565	785061	LOC785061	similar to ribosomal protein S4, X-linked X	1,0
12820268	530237	VWA2	von Willebrand factor A domain containing 2	1,0
12867970	540132	LOC540132	similar to tetraspanin 9	1,0
12753529	540739	GRWD1	glutamate-rich WD repeat containing 1	1,0
12806759	616187	RNF5	ring finger protein 5	1,0
12700262	517106	GPR144	G protein-coupled receptor 144	1,0
12730718	280801	GAT	glycine-N-acyltransferase-like	1,0
12717341	782631	LOC782631	similar to 60S ribosomal protein L9	1,0
12679463	508259	SIDT1	SID1 transmembrane family, member 1	1,0
12873114	100337263	LOC100337263	TXK protein-like	1,0

12684828	516952	SATB1	SATB homeobox 1	1,0
12726492	100336575	LOC100336575	matrix metalloproteinase 8 preproprotein-like	1,0
12704942	509313	SMYD5	SMYD family member 5	1,0
12887330	540051	ACTL9	actin-like 9	1,0
12859695	515671	RABL2B	RAB, member of RAS oncogene family-like 2B	1,0
12872926	100300171	LOC100300171	similar to adrenergic, alpha-2C-, receptor	1,0
12876990	282029	RAB3A	RAB3A, member RAS oncogene family	1,0
12786764	100301415	LOC100301415	hypothetical protein LOC100301415	1,0
12786659	780991	ACTBL2	actin, beta-like 2	1,0
12808967	100313320	MIR220B	microRNA mir-220b	1,0
12726561	100337027	LOC100337027	glutamate receptor, ionotropic, kainate 4-like	1,0
12855519	540062	PRSS37	protease, serine, 37	1,0
12731050	404190	RPL27A	ribosomal protein L27a	1,0
12792826	521892	ETFA	electron-transfer-flavoprotein, alpha polypeptide	1,0
12818624	786784	ZNF688	zinc finger protein 688	1,0
12765410	615867	LOC615867	similar to Spermatid-specific linker histone H1-like protein	1,0
12679993	512018	BOC	Boc homolog (mouse)	1,0
12774297	100337241	LOC100337241	hypothetical protein LOC100337241	1,0
12696708	539602	NGDN	neuroguidin, EIF4E binding protein	1,0
12710813	783181	LOC783181	similar to PIH1 domain containing 1	1,0
12844620	513513	CHI3L2	similar to chitinase 3-like 2	1,0
12772679	614517	GAS7	growth arrest-specific 7	1,0
12854413	519444	CADPS2	Ca ⁺⁺ -dependent secretion activator 2	1,0
12682191	541016	SFRS15	splicing factor, arginine/serine-rich 15	1,0
12705990	517478	CDKL4	cyclin-dependent kinase-like 4	1,0
12844178	511219	C3H1ORF92	chromosome 1 open reading frame 92 ortholog	1,0
12711809	515082	OLFM4	olfactomedin 4	1,0
12830748	515218	SAPS3	SAPS domain family, member 3	1,0
12862745	767820	SGSM3	small G protein signaling modulator 3	1,0
12716595	539036	RGS19	regulator of G-protein signaling 19	1,0
12860067	520387	LOC520387	KIAA0528-like	1,0
12761288	327703	CACNB1	calcium channel, voltage-dependent, beta 1 subunit	1,0
12772774	615679	FLOT2	flotillin 2	1,0
12750158	506295	MYADM	myeloid-associated differentiation marker	1,0
12884765	510595	FSD1	fibronectin type III and SPRY domain containing 1	1,0
12678470	100337422	LOC100337422	single-minded homolog 2 long-like	1,0
12903916	513482	DHRX	dehydrogenase/reductase (SDR family) X-linked	1,0
12774061	100336279	LOC100336279	hypothetical protein LOC100336279	1,0
12882783	100299814	LOC100299814	similar to asialoglycoprotein receptor 1	1,0
12877046	282240	GABRG2	gamma-aminobutyric acid (GABA) A receptor, gamma 2	1,0
12773490	787051	LOC787051	similar to hair keratin cysteine rich protein	1,0
12731007	337927	MTCH2	mitochondrial carrier homolog 2 (C. elegans)	1,0
12898392	537603	STXBP5	syntaxin binding protein 5 (tomosyn)	1,0
12680097	512925	RRP1	ribosomal RNA processing 1 homolog (S. cerevisiae)	1,0
12791930	505190	ODF3L1	outer dense fiber of sperm tails 3-like 1	1,0
12871498	530560	NPFFR2	neuropeptide FF receptor 2	1,0
12694035	507035	MGC152585	hypothetical LOC507035	1,0
12874513	523874	LOC523874	similar to hCG40928	1,0
12689126	513083	C10H14ORF166	chromosome 14 open reading frame 166 ortholog	1,0
12701974	538906	LBX2	ladybird homeobox 2	1,0
12810956	100140537	POLR3E	polymerase (RNA) III (DNA directed) polypeptide E (80kD)	1,0
12836343	504211	GLMN	glomulin, FKBP associated protein	1,0
12845773	528735	S100A1	S100 calcium binding protein A1	1,0
12905967	767883	CCDC160	coiled-coil domain containing 160	1,0
12750311	507484	SPINT2	serine peptidase inhibitor, Kunitz type, 2	1,0

12686370	539784	PSMD2	proteasome (prosome, macropain) 26S subunit, non-ATPase, 2	1,0
12889080	281347	NEF3	neurofilament, medium polypeptide	1,0
12777883	534618	EIF4G3	eukaryotic translation initiation factor 4 gamma, 3	1,0
12720150	527488	SNTA1	syntrophin, alpha 1 (dystrophin-associated protein A1, 59kDa, acidic component)	1,0
12775267	504413	RPL37A	ribosomal protein L37a	1,0
12860803	531552	ACSS3	acyl-CoA synthetase short-chain family member 3	1,0
12707574	540406	VAMP5	vesicle-associated membrane protein 5 (myobrevin)	1,0
12899036	782714	LOC782714	similar to ribosomal protein S15a	1,0
12717883	100336708	LOC100336708	regulator of telomere length-like	1,0
12844500	512918	SNX7	sorting nexin 7	1,0
12682595	767844	B3GALNT1	beta-1,3-N-acetylgalactosaminyltransferase 1 (globoside blood group)	1,0
12737896	100125922	RER1	RER1 retention in endoplasmic reticulum 1 homolog (S. cerevisiae)	1,0
12759429	617594	TMEM149	transmembrane protein 149	1,0
12869929	281626	ANXA5	annexin A5	1,0
12680476	515194	MRPL39	mitochondrial ribosomal protein L39	1,0
12910471	782382	PLXNA3	plexin A3	1,0
12875641	615059	SLC6A4	solute carrier family 6 (neurotransmitter transporter, serotonin), member 4	1,0
12734279	100336644	LOC100336644	AU RNA binding protein/enoyl-Coenzyme A hydratase-like	1,0
12786048	533461	ANKRD55	ankyrin repeat domain 55	1,0
12770264	514719	LIG3	ligase III, DNA, ATP-dependent	1,0
12780953	508477	ZNF593	zinc finger protein 593	1,0
12735707	516288	LOC516288	similar to RIKEN cDNA 4933406M09	1,0
12679157	506054	LRRC3	leucine rich repeat containing 3	1,0
12852262	768034	IMMP2L	IMP2 inner mitochondrial membrane peptidase-like (S. cerevisiae)	1,0
12868074	540652	GALNT8	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 8 (GalNAc-T8)	1,0
12908754	522586	LOC522586	similar to melanoma antigen 2	1,0
12726474	100312994	MIR130A	microRNA mir-130a	1,0
12702641	615762	IL1F9	interleukin 1 family, member 9	1,0
12821538	326284	FGF8	fibroblast growth factor 8 (androgen-induced)	1,0
12725238	513939	GSDMD	gasdermin D	1,0
12786740	100139061	LOC100139061	hypothetical protein LOC100139061	1,0
12776746	516664	LOC516664	similar to Miro domain-containing protein C1orf89	1,0
12774748	317756	GPBAR1	G protein-coupled bile acid receptor 1	1,0
12865573	512312	PTPN6	protein tyrosine phosphatase, non-receptor type 6	1,0
12687284	785121	KRTAP13-1	keratin associated protein 13-1	1,0
12721492	100295394	LOC100295394	similar to zinc finger protein 582	1,0
12810152	532195	STARD6	StAR-related lipid transfer (START) domain containing 6	1,0
12698515	281810	HADHA	hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase (trifunctional protein), alpha subunit	1,0
12686296	539474	RBM11	RNA binding motif protein 11	1,0
12704542	507309	VAMP8	vesicle-associated membrane protein 8 (endobrevin)	1,0
12856143	782399	LOC782399	similar to ribosomal protein S15a	1,0
12738626	286764	PARP1	poly (ADP-ribose) polymerase 1	1,0
12898727	541122	LOC541122	similar to Temporarily Assigned Gene name family member (tag-278)	1,0
12847740	618220	LOC618220	similar to ribosomal protein L6-like	1,0
12888944	100336666	LOC100336666	hypothetical protein LOC100336666	1,0
12833708	514150	INTS5	integrator complex subunit 5	1,0
12723640	767946	FAM110B	family with sequence similarity 110, member B	1,0

12817950	538021	DAGLB	diacylglycerol lipase, beta	1,0
12779635	782360	VWC2L	von Willebrand factor C domain-containing protein 2-like	1,0
12763577	520318	PFAS	phosphoribosylformylglycinamidine synthase	-1,0
12786743	100140616	LOC100140616	hypothetical protein LOC100140616	-1,0
12740634	538754	PPP1R15B	protein phosphatase 1, regulatory (inhibitor) subunit 15B	-1,0
12841838	786215	LOC786215	hypothetical LOC786215	-1,0
12809788	517248	IMPACT	Impact homolog (mouse)	-1,0
12728136	516280	RIC3	resistance to inhibitors of cholinesterase 3 homolog (C. elegans)	-1,0
12808069	529183	MAPK4	mitogen-activated protein kinase 4	-1,0
12710450	540589	MTMR6	myotubularin related protein 6	-1,0
12702061	539430	OSR1	odd-skipped related 1	-1,0
12709963	527679	MBNL2	muscleblind-like 2 (Drosophila)	-1,0
12740037	527590	MMP23B	matrix metalloproteinase 23B	-1,0
12742516	510926	TMEM119	transmembrane protein 119	-1,0
12842822	282645	CHIA	chitinase, acidic	-1,0
12906740	100336905	LOC100336905	hypothetical protein LOC100336905	-1,0
12758897	539328	EXOC3L2	exocyst complex component 3-like 2	-1,0
12756797	510748	PLEKHA4	pleckstrin homology domain containing, family A (phosphoinositide binding specific) member 4	-1,0
12794969	508236	IP6K2	inositol hexakisphosphate kinase 2	-1,0
12842383	100297243	LOC100297243	hypothetical protein LOC100297243	-1,0
12734375	100337398	LOC100337398	hypothetical protein LOC100337398	-1,0
12786332	539789	LOC539789	similar to Stathmin (Phosphoprotein p19) (pp19) (Oncoprotein 18) (Op18) (Leukemia-associated phosphoprotein p18) (pp17) (Prosolin) (Metablastin) (Pr22 protein)	-1,0
12904916	534054	RP2	retinitis pigmentosa 2 (X-linked recessive)	-1,0
12839339	528021	ANKRD13C	ankyrin repeat domain 13C	-1,0
12707578	540451	EMILIN1	elastin microfibril interfacer 1	-1,0
12813740	539704	HIRIP3	HIRA interacting protein 3	-1,0
12851954	615922	CCDC136	coiled-coil domain containing 136	-1,0
12748475	789893	LOC789893	hypothetical LOC789893	-1,0
12821223	100299286	LOC100299286	similar to dynamin associated protein 160	-1,0
12750919	510501	ZNF529	zinc finger protein 529	-1,0
12897622	525986	NUS1	nuclear undecaprenyl pyrophosphate synthase 1 homolog (S. cerevisiae)	-1,0
12784652	784533	LOC784533	similar to uromodulin-like	-1,0
12905343	539382	MAGEB16	melanoma antigen family B, 16	-1,0
12751379	513171	EDC4	enhancer of mRNA decapping 4	-1,0
12741812	100336945	LOC100336945	ubiquitin-conjugating enzyme E2D 3-like	-1,0
12766496	100125601	TLCD1	TLC domain containing 1	-1,0
12903428	507017	LOC507017	similar to UPF0472 protein C16orf72	-1,0
12743278	527956	ANKRD50	ankyrin repeat domain 50	-1,0
12829551	337902	PAG8	pregnancy-associated glycoprotein 8	-1,0
12763941	526937	DCXR	dicarbonyl/L-xylulose reductase	-1,0
12697670	784973	PDCD7	programmed cell death 7	-1,0
12891682	541256	SOX7	SRY (sex determining region Y)-box 7	-1,0
12888354	786833	LOC786833	similar to olfactory receptor Olr1121	-1,0
12791970	507093	ALDH1A3	aldehyde dehydrogenase 1 family, member A3	-1,0
12833678	513868	PRPF19	PRP19/PSO4 pre-mRNA processing factor 19 homolog (S. cerevisiae)	-1,0
12862531	617269	ASB8	ankyrin repeat and SOCS box-containing 8	-1,0
12885957	525378	NACC1	nucleus accumbens associated 1, BEN and BTB (POZ) domain containing	-1,0
12875352	539238	ANK2	ankyrin 2, neuronal	-1,0
12798151	404066	TMEM43	transmembrane protein 43	-1,0

12687383	786256	LOC786256	similar to High mobility group nucleosomal binding domain 4	-1,0
12807656	505106	USP14	ubiquitin specific peptidase 14 (tRNA-guanine transglycosylase)	-1,0
12891806	614716	AUH	AU RNA binding protein/enoyl-Coenzyme A hydratase	-1,0
12848612	100313204	MIR1814C	microRNA mir-1814c	-1,0
12798378	505064	SEC61A1	Sec61 alpha 1 subunit (S. cerevisiae)	-1,0
12750754	510029	PSMC4	proteasome (prosome, macropain) 26S subunit, ATPase, 4	-1,0
12878128	507830	GPR108	G protein-coupled receptor 108	-1,0
12739466	514259	EFHD2	EF-hand domain family, member D2	-1,0
12838639	516127	LOC516127	similar to RNA binding motif protein 42	-1,0
12716704	539759	SIGLEC1	sialic acid binding Ig-like lectin 1, sialoadhesin	-1,0
12734200	100295833	LOC100295833	similar to urotensin 2 isoform b preproprotein	-1,0
12831075	523665	DAGLA	diacylglycerol lipase, alpha	-1,0
12881448	541196	LOC541196	hypothetical LOC541196	-1,0
12721029	617771	UBE2V1	ubiquitin-conjugating enzyme E2 variant 1	-1,0
12887893	617013	LOC617013	hypothetical protein LOC617013	-1,0
12769657	511582	HGS	hepatocyte growth factor-regulated tyrosine kinase substrate	-1,0
12705690	514305	TMEM141	transmembrane protein 141	-1,0
12807421	100336909	LOC100336909	GATA binding protein 6-like	-1,0
12792315	511414	PPP1R13B	protein phosphatase 1, regulatory (inhibitor) subunit 13B	-1,0
12769297	510090	UNK	unkempt homolog (Drosophila)	-1,0
12892844	404057	IGHM	immunoglobulin heavy constant mu	-1,0
12799521	528487	PTPN23	protein tyrosine phosphatase, non-receptor type 23	-1,0
12882225	782856	GLO1	glyoxalase I	-1,0
12840458	538433	ANKRD34A	ankyrin repeat domain 34A	-1,0
12901587	786867	LOC786867	similar to retinoic acid early transcript 1E	-1,0
12717678	100113475	DEFB124	defensin, beta 124	-1,0
12848520	100297407	LOC100297407	hypothetical LOC100297407	-1,0
12737061	539767	RASSF5	Ras association (RalGDS/AF-6) domain family member 5	-1,0
12692575	786614	PPIA	peptidylprolyl isomerase A (cyclophilin A)	-1,0
12853330	415110	PDIA4	protein disulfide isomerase family A, member 4	-1,0
12748645	100139857	LOC100139857	similar to ryanodine receptor	-1,0
12864945	507921	MFSD5	major facilitator superfamily domain containing 5	-1,0
12765787	767865	LOC767865	chromobox-like protein 4	-1,0
12808197	533993	PSMG2	proteasome (prosome, macropain) assembly chaperone 2	-1,0
12811998	507911	KCTD13	potassium channel tetramerisation domain containing 13	-1,0
12825613	783025	SPAG11B	sperm associated antigen 11B	-1,0
12804901	505125	PAK1IP1	PAK1 interacting protein 1	-1,0
12716916	614149	NUDT5	nudix (nucleoside diphosphate linked moiety X)-type motif 5	-1,0
12774447	281581	YARS	tyrosyl-tRNA synthetase	-1,0
12800649	782900	LOC782900	similar to LOC440957 protein	-1,0
12756438	507361	GFOD2	glucose-fructose oxidoreductase domain containing 2	-1,0
12710869	788867	LOC788867	similar to Motilin receptor (G-protein coupled receptor 38)	-1,0
12745282	280840	LIF	leukemia inhibitory factor (cholinergic differentiation factor)	-1,0
12814021	616130	MGRN1	mahogunin, ring finger 1	-1,0
12753012	534251	DEDD2	death effector domain containing 2	-1,0
12848584	100300306	LOC100300306	hypothetical protein LOC100300306	-1,0
12762225	508343	JMJD6	jumonji domain containing 6	-1,0

12870991	514572	ANAPC4	anaphase promoting complex subunit 4	-1,0
12759650	618756	DOK4	docking protein 4	-1,0
12813454	532721	USP42	ubiquitin specific peptidase 42	-1,0
12799435	524663	LOC524663	similar to KIAA0527 protein	-1,0
12907767	509355	SYAP1	synapse associated protein 1, SAP47 homolog (Drosophila)	-1,0
12777430	530118	WDR69	WD repeat domain 69	-1,0
12694663	513821	FBXL22	F-box and leucine-rich repeat protein 22	-1,0
12735723	516576	LOC516576	similar to hCG22803	-1,0
12872153	539902	ARHGAP24	Rho GTPase activating protein 24	-1,0
12892071	782295	LOC782295	hypothetical LOC782295	-1,0
12905855	616821	LOC616821	similar to midline 2 protein	-1,0
12699124	505809	FPGS	folylpolyglutamate synthase	-1,0
12758159	527083	LOC527083	similar to Cytochrome P450 2G1 (CYP11G1) (P450-NMB) (Olfactive)	-1,0
12909824	539933	FRMD7	FERM domain containing 7	-1,0
12740186	532860	SLC19A2	solute carrier family 19 (thiamine transporter), member 2	-1,0
12764219	531367	NXN	nucleoredoxin	-1,0
12831364	532368	LOC532368	similar to solute carrier family 22, member 10	-1,0
12851921	615376	EPDR1	ependymin related protein 1 (zebrafish)	-1,0
12883508	407100	TJP3	tight junction protein 3 (zona occludens 3)	-1,0
12714073	505033	CST9L	cystatin 9-like	-1,0
12809751	515757	AFG3L2	AFG3 ATPase family gene 3-like 2 (yeast)	-1,0
12737461	616962	LOC616962	hypothetical protein LOC616962	-1,0
12719269	514211	LOC514211	similar to Uncharacterized protein KIAA1755	-1,0
12792332	511561	SNX33	sorting nexin 33	-1,0
12851016	533678	NUDCD3	NudC domain containing 3	-1,0
12815314	337888	RPS15A	ribosomal protein S15A	-1,0
12697497	767944	ATPBD4	ATP binding domain 4	-1,0
12771526	532986	BPTF	bromodomain PHD finger transcription factor	-1,0
12781345	511573	ZNF142	zinc finger protein 142	-1,0
12783782	539983	S100PBP	S100P binding protein	-1,0
12750355	507677	AP1G1	adaptor-related protein complex 1, gamma 1 subunit	-1,0
12871997	538195	DCUN1D4	DCN1, defective in cullin neddylation 1, domain containing 4 (S. cerevisiae)	-1,0
12779157	614435	PTP4A2	protein tyrosine phosphatase type IVA, member 2	-1,0
12772798	615796	SFRS1	splicing factor, arginine/serine-rich 1	-1,0
12736995	538793	ZNF238	zinc finger protein 238	-1,0
12869062	781903	LOC781903	similar to Uncharacterized protein C12orf60	-1,0
12681420	533703	C1H3ORF21	chromosome 3 open reading frame 21 ortholog	-1,0
12715522	521764	LOC521764	similar to Myosin, heavy chain 7B, cardiac muscle, beta	-1,0
12723379	540966	RAD21	RAD21 homolog (S. pombe)	-1,0
12883993	506310	GCDH	glutaryl-Coenzyme A dehydrogenase	-1,0
12690700	534640	PSMB5	proteasome (prosome, macropain) subunit, beta type, 5	-1,0
12752645	530661	SLC7A6	solute carrier family 7 (cationic amino acid transporter, y+ system), member 6	-1,0
12710548	614302	PCCA	propionyl Coenzyme A carboxylase, alpha polypeptide	-1,0
12838899	521918	TADA1	transcriptional adaptor 1	-1,0
12843663	507319	EFNA1	ephrin-A1	-1,0
12760982	282183	AP2B1	adaptor-related protein complex 2, beta 1 subunit	-1,0
12886282	530004	ZNF699	zinc finger protein 699	-1,0
12850265	515475	TMEM140	transmembrane protein 140	-1,0
12887575	553098	NFIC	nuclear factor I/C (CCAAT-binding transcription factor)	-1,0
12827365	784717	ZNF239	similar to zinc finger protein 239	-1,0
12737221	613476	LOC613476	similar to Chromosome 1 open reading frame 76	-1,0
12797107	616873	FAM19A4	family with sequence similarity 19 (chemokine (C-C motif)-like), member A4	-1,0

12763422	515670	ASPSR1	alveolar soft part sarcoma chromosome region, candidate 1	-1,0
12775386	505852	ARHGEF4	Rho guanine nucleotide exchange factor (GEF) 4	-1,0
12795151	509978	LMOD3	leiomodin 3 (fetal)	-1,0
12805618	514403	MRPL2	mitochondrial ribosomal protein L2	-1,0
12699736	511605	CHAC2	ChaC, cation transport regulator homolog 2 (E. coli)	-1,0
12856789	280976	ACO2	aconitase 2, mitochondrial	-1,0
12900595	523714	ORC3L	origin recognition complex, subunit 3-like (yeast)	-1,0
12901581	785719	TAAR2	trace amine associated receptor 2	-1,0
12702157	540069	CIAO1	cytosolic iron-sulfur protein assembly 1 homolog (S. cerevisiae)	-1,0
12793338	535465	IFI27L2	family with sequence similarity 14, member A	-1,0
12868784	618906	MAPK11	mitogen-activated protein kinase 11	-1,0
12721502	100296978	LOC100296978	similar to thymosin, beta 4	-1,0
12898323	535452	FBXL4	F-box and leucine-rich repeat protein 4	-1,0
12734227	100300234	LOC100300234	hypothetical protein LOC100300234	-1,0
12853746	509106	EZH2	enhancer of zeste homolog 2 (Drosophila)	-1,0
12772396	540048	LYZL6	lysozyme-like 6	-1,0
12847028	540688	PBX1	pre-B-cell leukemia homeobox 1	-1,0
12884401	508634	FAM32A	family with sequence similarity 32, member A	-1,0
12683051	100336095	LOC100336095	hypothetical protein LOC100336095	-1,0
12703510	100297344	LOC100297344	similar to calmodulin 2	-1,0
12744031	539187	LOC539187	similar to hCG1647909	-1,0
12792336	512148	LOC512148	similar to myeloid-associated differentiation marker	-1,0
12760472	100313153	MIR2340	microRNA mir-2340	-1,0
12818227	614852	INO80E	INO80 complex subunit E	-1,0
12904673	528006	LOC528006	similar to Histone H2A-Bbd (H2A Barr body-deficient)	-1,0
12752468	527020	LOC527020	similar to Immunoglobulin superfamily member 1 precursor (Inhibin-binding protein) (InhBP) (Immunoglobulin-like domain-containing protein 1) (Pituitary gland specific factor 2) (p120)	-1,0
12735847	518798	PTPN14	protein tyrosine phosphatase, non-receptor type 14	-1,0
12730397	786757	ASCL3	achaete-scute complex homolog 3 (Drosophila)	-1,0
12732484	525262	FAR1	fatty acyl CoA reductase 1	-1,0
12817998	539390	ZNF498	zinc finger protein 498	-1,0
12750668	509795	DUS2L	dihydrouridine synthase 2-like, SMM1 homolog (S. cerevisiae)	-1,0
12851732	613554	COBL	cordon-bleu homolog (mouse)	-1,0
12806230	534944	PEX6	peroxisomal biogenesis factor 6	-1,0
12808982	100336537	LOC100336537	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) phosphatase, subunit 1-like	-1,0
12807986	522479	LOC522479	similar to serpin peptidase inhibitor, clade B, member 11 (predicted)	-1,0
12761394	404189	NME1-2	non-metastatic cells 1, protein (NM23A) expressed in	-1,0
12761334	360197	PEMT	phosphatidylethanolamine N-methyltransferase	-1,0
12732913	536560	TEAD1	TEA domain family member 1 (SV40 transcriptional enhancer factor)	-1,0
12681995	540328	FBXO25	F-box protein 25	-1,0
12714635	509875	LOC509875	similar to Coiled-coil domain-containing protein 3	-1,0
12786732	100125927	PDCD6	programmed cell death 6	-1,0
12771616	533151	ABCC3	ATP-binding cassette, sub-family C (CFTR/MRP), member 3	-1,0
12688156	282689	ANXA2	annexin A2	-1,0
12881337	540199	WNT8A	wingless-type MMTV integration site family, member 8A	-1,0
12892478	100313469	MIR2473	microRNA mir-2473	-1,0
12806021	529115	HIVEP1	human immunodeficiency virus type I enhancer binding protein 1	-1,0
12697051	614196	LACTB	lactamase, beta	-1,0

12710383	539318	OXGR1	oxoglutarate (alpha-ketoglutarate) receptor 1	-1,0
12841465	618155	LOC618155	similar to Chromosome 1 open reading frame 216	-1,0
12779507	617853	SPATA3	spermatogenesis associated 3	-1,0
12749479	282434	HSD11B2	hydroxysteroid (11-beta) dehydrogenase 2	-1,0
12902564	100313366	MIR188	microRNA mir-188	-1,0
12769364	510509	COX11	COX11 homolog, cytochrome c oxidase assembly protein (yeast)	-1,0
12759679	768007	COG8	component of oligomeric golgi complex 8	-1,0
12764414	533874	PSMB3	proteasome (prosome, macropain) subunit, beta type, 3	-1,0
12707532	540225	COX7A2L	cytochrome c oxidase subunit VIIa polypeptide 2 like	-1,0
12881178	539654	PCDHGA2	protocadherin gamma subfamily A, 2	-1,0
12693057	100296997	LOC100296997	hypothetical protein LOC100296997	-1,0
12910033	613644	CD99L2	CD99 molecule-like 2	-1,0
12876976	282018	PTBP1	polypyrimidine tract binding protein 1	-1,0
12888220	784718	LOC784718	hypothetical LOC784718	-1,0
12742093	327672	MAPK1	mitogen-activated protein kinase 1	-1,0
12825369	535447	LSM1	LSM1 homolog, U6 small nuclear RNA associated (S. cerevisiae)	-1,0
12893086	507345	VCP	valosin-containing protein	-1,0
12743368	529207	DHX37	DEAH (Asp-Glu-Ala-His) box polypeptide 37	-1,0
12861830	539944	KRT84	keratin 84	-1,0
12847848	768018	TMCO2	transmembrane and coiled-coil domains 2	-1,0
12910382	768049	MGC140080	hypothetical protein MGC140080	-1,0
12737225	613754	LOC613754	similar to chromosome 1 open reading frame 125	-1,0
12789930	513132	CTAGE5	CTAGE family, member 5	-1,0
12722787	523498	MTSS1	metastasis suppressor 1	-1,0
12906593	100313350	MIR2485	microRNA mir-2485	-1,0
12755612	100337383	LOC100337383	hypothetical protein LOC100337383	-1,0
12682682	781644	LXN	latexin	-1,0
12718423	505552	MYT1	myelin transcription factor 1	-1,0
12842368	100296829	LOC100296829	similar to thioredoxin	-1,0
12723315	539586	KCNK9	potassium channel, subfamily K, member 9	-1,0
12774671	317654	SLC9A1	solute carrier family 9 (sodium/hydrogen exchanger), member 1	-1,0
12707400	539140	DUSP2	dual specificity phosphatase 2	-1,0
12770824	518864	AFMID	arylformamidase	-1,0
12825203	524361	PPP2CB	protein phosphatase 2 (formerly 2A), catalytic subunit, beta isoform	-1,0
12773039	618274	SLC16A11	solute carrier family 16, member 11 (monocarboxylic acid transporter 11)	-1,0
12777493	530941	EPB41L5	erythrocyte membrane protein band 4.1 like 5	-1,0
12903177	408003	ATG4A	ATG4 autophagy related 4 homolog A (S. cerevisiae)	-1,0
12862084	541109	C5H12orf11	chromosome 12 open reading frame 11 ortholog	-1,0
12730744	281249	IL18	interleukin 18 (interferon-gamma-inducing factor)	-1,0
12712888	615969	ENOX1	ecto-NOX disulfide-thiol exchanger 1	-1,0
12902735	100336906	LOC100336906	deoxyuridine triphosphatase-like	-1,0
12795719	515146	XYLB	xylulokinase homolog (H. influenzae)	-1,0
12781058	509863	SESN2	sestrin 2	-1,0
12683952	506768	RPL35A	ribosomal protein L35a	-1,0
12782786	532712	CDC42	cell division cycle 42 (GTP binding protein, 25kDa)	-1,0
12860849	532483	ING4	inhibitor of growth family, member 4	-1,0
12784717	787384	GRRP1	glycine/arginine rich protein 1	-1,0
12808583	540947	SS18	synovial sarcoma translocation, chromosome 18	-1,0
12723852	788476	LOC788476	similar to olfactory receptor Olfr1174	-1,0
12790644	534353	YY1	YY1 transcription factor	-1,0
12739288	511844	LGTN	ligatin	-1,0
12776995	523154	GALE	UDP-galactose-4-epimerase	-1,0
12757984	523847	CHMP2A	chromatin modifying protein 2A	-1,0
12900836	533061	IL22RA2	interleukin 22 receptor, alpha 2	-1,0

12753839	616283	LIN7B	lin-7 homolog B (C. elegans)	-1,0
12832570	100336823	LOC100336823	cystatin E/M-like	-1,0
12800543	617572	TMIE	transmembrane inner ear	-1,0
12785671	516405	CMBL	carboxymethylenebutenolidase homolog (Pseudomonas)	-1,0
12873297	282681	UPK3A	uroplakin 3A	-1,0
12782527	528453	SFN	stratifin	-1,0
12899705	504255	RGS17	regulator of G-protein signaling 17	-1,0
12885558	517535	HSPA9	heat shock 70kDa protein 9 (mortalin)	-1,0
12816552	513237	SBDS	Shwachman-Bodian-Diamond syndrome	-1,0
12729265	536810	MTMR2	myotubularin related protein 2	-1,0
12762877	511703	ZNF652	zinc finger protein 652	-1,0
12713342	100297865	LOC100297865	similar to Actin-related protein 5	-1,0
12791646	281576	WARS	tryptophanyl-tRNA synthetase	-1,0
12688924	511031	C10H14ORF169	chromosome 14 open reading frame 169 ortholog	-1,0
12733708	617692	LOC617692	similar to Serine/threonine-protein kinase MARK1 (MAP/microtubule affinity-regulating kinase 1)	-1,0
12770305	514852	TAX1BP3	Tax1 (human T-cell leukemia virus type I) binding protein 3	-1,0
12700051	514869	TEX261	testis expressed 261	-1,0
12871741	535165	LIMCH1	LIM and calponin homology domains 1	-1,0
12780241	281722	CRYGC	crystallin, gamma C	-1,0
12687844	100337124	LOC100337124	phosphodiesterase 8B-like	-1,0
12716320	534787	ITIH5	inter-alpha (globulin) inhibitor H5	-1,0
12804199	100140540	LOC100140540	hypothetical protein LOC100140540	-1,0
12875098	534614	CCDC158	coiled-coil domain containing 158	-1,0
12806668	614489	PRSS16	protease, serine, 16 (thymus)	-1,0
12864927	507383	LOC507383	similar to hCG2044662	-1,0
12729309	537018	LOC537018	similar to glutamine and serine rich 1	-1,0
12729880	614321	VPS26B	vacuolar protein sorting 26 homolog B (S. pombe)	-1,0
12824445	539083	FGF20	fibroblast growth factor 20	-1,0
12887078	538144	TMED1	transmembrane emp24 protein transport domain containing 1	-1,0
12892278	791048	MIR455	microRNA mir-455	-1,0
12720257	532376	MAFB	v-maf musculoaponeurotic fibrosarcoma oncogene homolog B (avian)	-1,0
12749246	280730	BAX	BCL2-associated X protein	-1,0
12694501	510547	RPL4	ribosomal protein L4	-1,0
12773904	100174923	LOC100174923	hypothetical LOC100174923	-1,0
12861425	537451	GYS2	glycogen synthase 2 (liver)	-1,0
12790558	530744	CCNK	cyclin K	-1,0
12740987	614154	PER3	period homolog 3 (Drosophila)	-1,0
12725675	532797	IMPAD1	inositol monophosphatase domain containing 1	-1,0
12785568	513260	FASTKD3	FAST kinase domains 3	-1,0
12713650	281985	PLCB4	phospholipase C, beta 4	-1,0
12824508	616741	LOC616741	similar to Zeta-sarcoglycan (Zeta-SG) (ZSG1)	-1,0
12909391	535414	PSMD10	proteasome (prosome, macropain) 26S subunit, non-ATPase, 10	-1,0
12833092	505756	RBM4B	RNA binding motif protein 4B	-1,0
12682365	614786	WWTR1	WW domain containing transcription regulator 1	-1,0
12894200	522819	TEX10	testis expressed 10	-1,0
12872318	613976	ODAM	odontogenic, ameloblast associated	-1,0
12753950	617651	CCDC155	coiled-coil domain containing 155	-1,0
12882717	100297428	LOC100297428	hypothetical protein LOC100297428	-1,0
12902272	100139912	MAMLD1	mastermind-like domain containing 1	-1,0
12881706	614936	ILF3	interleukin enhancer binding factor 3, 90kDa	-1,0
12713339	100297834	LOC100297834	similar to ubiquitin-conjugating enzyme E2D 3	-1,0
12790437	527053	NPAS3	neuronal PAS domain protein 3	-1,0
12844329	512205	RCSD1	RCSD domain containing 1	-1,0

12823595	404141	INGX	inhibitor of growth family, X-linked, pseudogene	-1,0
12874228	514842	LOC514842	similar to Replication factor C subunit 1 (Replication factor C large subunit) (RF-C 140 kDa subunit) (Activator 1 140 kDa subunit) (Activator 1 large subunit) (A1 140 kDa subunit) (DNA-binding protein PO-GA)	-1,0
12743001	521410	YPEL1	yippee-like 1 (Drosophila)	-1,0
12852436	784845	PL-5283	PL-5283 protein	-1,0
12841239	615569	LOC615569	similar to Uncharacterized protein C1orf168 homolog	-1,0
12730764	281562	UCP2	uncoupling protein 2 (mitochondrial, proton carrier)	-1,0
12760205	791057	MIR150	microRNA mir-150	-1,0
12878698	511691	DNM2	dynamain 2	-1,0
12827746	281939	MYOZ1	myozenin 1	-1,0
12838952	522221	TTLL7	tubulin tyrosine ligase-like family, member 7	-1,0
12819467	511390	LOC511390	similar to ribosomal protein S15a	-1,0
12899887	507736	PNRC1	proline-rich nuclear receptor coactivator 1	-1,0
12727527	511226	KIAA1826	hypothetical protein LOC511226	-1,0
12772577	613655	FBXO47	F-box protein 47	-1,0
12847828	767972	MGC134040	hypothetical protein MGC134040	-1,0
12754343	767953	SPACA4	sperm acrosome associated 4	-1,0
12834084	521015	HEPACAM	hepatocyte cell adhesion molecule	-1,0
12769692	511672	MED11	mediator complex subunit 11	-1,0
12906003	781001	LOC781001	hypothetical LOC781001	-1,0
12704405	506381	SELI	selenoprotein I	-1,0
12887947	617425	MGC148293	similar to phospholipase inhibitor	-1,0
12878970	513591	TCOF1	Treacher Collins-Franceschetti syndrome 1	-1,0
12755452	100313040	MIR292	microRNA mir-292	-1,0
12852078	617284	LOC617284	similar to T-cell receptor beta chain V region C5	-1,0
12682510	616840	LOC616840	similar to ribosomal protein L3	-1,0
12856567	100336701	LOC100336701	testis-specific Y-encoded-like protein 1-like	-1,0
12856494	100336013	LOC100336013	testis-specific Y-encoded-like protein 1-like	-1,0
12716297	534658	WISP2	WNT1 inducible signaling pathway protein 2	-1,0
12840633	539247	APH1A	anterior pharynx defective 1 homolog A (C. elegans)	-1,0
12862004	540647	GPR19	G protein-coupled receptor 19	-1,0
12754050	617986	LOC617986	similar to mCG125076	-1,0
12891330	537728	PHF2	PHD finger protein 2	-1,0
12886672	533851	PDLIM7	PDZ and LIM domain 7 (enigma)	-1,0
12831850	615850	PTPN5	protein tyrosine phosphatase, non-receptor type 5 (striatum-enriched)	-1,0
12845958	531090	LOC531090	similar to olfactory receptor 1337	-1,0
12853669	507897	DNAJC2	DnaJ (Hsp40) homolog, subfamily C, member 2	-1,0
12851930	615577	MGC127766	hypothetical protein LOC615577	-1,0
12822532	527312	NSMCE4A	non-SMC element 4 homolog A (S. cerevisiae)	-1,0
12703495	100296784	LOC100296784	similar to cardiac ankyrin repeat protein	-1,0
12814523	783355	LOC783355	similar to odorant receptor family 7 subfamily D member 4 S84N	-1,0
12687070	767864	IL10RB	interleukin 10 receptor, beta	-1,0
12901368	615418	ADAT2	adenosine deaminase, tRNA-specific 2, TAD2 homolog (S. cerevisiae)	-1,0
12904803	530262	ZNF182	zinc finger protein 182	-1,0
12795294	511585	CRBN	cereblon	-1,0
12779630	781996	CYCT	cytochrome c, testis	-1,0
12688296	407204	BVd1.18	T cell receptor delta chain variable region	-1,0
12684755	515595	RNF7	ring finger protein 7	-1,0
12877550	504701	SGTA	small glutamine-rich tetratricopeptide repeat (TPR)-containing, alpha	-1,0
12740892	540877	ITPKB	inositol 1,4,5-trisphosphate 3-kinase B	-1,0
12692713	788366	MAPKBP1	mitogen-activated protein kinase binding protein 1	-1,0
12750986	510933	AARS	alanyl-tRNA synthetase	-1,0

12814689	789454	TECPR1	tectonin beta-propeller repeat containing 1	-1,0
12703883	281779	GFPT1	glutamine-fructose-6-phosphate transaminase 1	-1,0
12869084	782348	LOC782348	similar to Frizzled-3 precursor (Fz-3) (hFz3)	-1,0
12687894	280930	RNASE1	ribonuclease, RNase A family, 1 (pancreatic)	-1,0
12814923	100295204	LOC100295204	hypothetical protein LOC100295204	-1,0
12909190	532784	GRPR	gastrin-releasing peptide receptor	-1,0
12894227	525161	DCAF12	DDB1 and CUL4 associated factor 12	-1,0
12775806	508439	LOC508439	similar to CG2943 CG2943-PA	-1,0
12848013	783113	LOC783113	similar to small proline-rich protein	-1,0
12772217	539120	VEZF1	vascular endothelial zinc finger 1	-1,0
12859097	511197	METTL1	methyltransferase like 1	-1,0
12832685	282096	TNNT3	troponin T type 3 (skeletal, fast)	-1,0
12818175	614047	LOC614047	hypothetical protein LOC614047	-1,0
12851747	613630	NAA38	N(alpha)-acetyltransferase 38, NatC auxiliary subunit	-1,0
12744644	617515	MGC139026	hypothetical LOC617515	-1,0
12763936	526730	LOC526730	similar to vitelline membrane outer layer 1	-1,0
12765167	540886	RAD51C	RAD51 homolog C (S. cerevisiae)	-1,0
12693715	404152	ATP6V1D	ATPase, H ⁺ transporting, lysosomal 34kDa, V1 subunit D	-1,0
12879065	514580	TRIM11	tripartite motif-containing 11	-1,0
12854397	519409	ORC5L	origin recognition complex, subunit 5-like (yeast)	-1,0
12703348	100125305	ACTR1B	ARP1 actin-related protein 1 homolog B, centractin beta (yeast)	-1,0
12792043	507483	ASB7	ankyrin repeat and SOCS box-containing 7	-1,0
12682261	613597	FBXO40	F-box protein 40	-1,0
12858625	509060	SMARCC2	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 2	-1,0
12884993	512206	CDKN2AIPNL	CDKN2A interacting protein N-terminal like	-1,0
12721828	404121	DERL1	Der1-like domain family, member 1	-1,0
12718479	505816	TRMT6	tRNA methyltransferase 6 homolog (S. cerevisiae)	-1,0
12852756	100313480	MIR2417	microRNA mir-2417	-1,0
12799087	515208	RPP14	ribonuclease P/MRP 14kDa subunit	-1,0
12770064	513449	SEC14L1	SEC14-like 1 (S. cerevisiae)	-1,0
12843413	505994	NCDN	neurochondrin	-1,0
12874473	521615	TMPRSS11D	transmembrane protease, serine 11D	-1,0
12747918	541236	XBPP1	X-box binding protein pseudogene 1	-1,0
12852446	784921	GATAD1	GATA zinc finger domain containing 1	-1,0
12723646	781492	NIPAL2	NIPA-like domain containing 2	-1,0
12707537	540278	MRPL35	mitochondrial ribosomal protein L35	-1,0
12798842	510330	DYNC1LI1	dynein, cytoplasmic 1, light intermediate chain 1	-1,0
12898830	614300	TMEM181	transmembrane protein 181	-1,0
12719356	514508	BIRC7	baculoviral IAP repeat-containing 7	-1,0
12829760	505144	CHORDC1	cysteine and histidine-rich domain (CHORD)-containing 1	-1,0
12795330	511970	QRICH1	glutamine-rich 1	-1,0
12780275	281863	IL8RB	interleukin 8 receptor, beta	-1,0
12818579	783466	LOC783466	similar to ubiquilin 1	-1,0
12695796	530913	APH1B	anterior pharynx defective 1 homolog B (C. elegans)	-1,0
12849586	505844	KLHDC10	kelch domain containing 10	-1,0
12775370	505632	LOC505632	similar to macrophage receptor MARCO	-1,0
12782740	532545	GALNT13	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 13 (GalNAc-T13)	-1,0
12767661	337890	RPL26	ribosomal protein L26	-1,0
12803223	539584	NFYA	nuclear transcription factor Y, alpha	-1,0
12891564	540083	DNAJB5	DnaJ (Hsp40) homolog, subfamily B, member 5	-1,0
12895742	781948	LOC781948	similar to interferon-tau	-1,0
12764038	528410	WIPI1	WD repeat domain, phosphoinositide interacting 1	-1,0
12802780	533039	SRF	serum response factor (c-fos serum response element-binding transcription factor)	-1,0

12831786	614071	C29H11orf75	chromosome 11 open reading frame 75 ortholog	-1,0
12882003	618580	TMED9	transmembrane emp24 protein transport domain containing 9	-1,0
12825006	508251	FAT1	FAT tumor suppressor homolog 1 (Drosophila)	-1,0
12773114	618576	MNT	MAX binding protein	-1,0
12814526	783820	ZNF646	zinc finger protein 646	-1,0
12877745	505624	FBXL21	F-box and leucine-rich repeat protein 21 (gene/pseudogene)	-1,0
12732534	527128	LOC527128	similar to olfactory receptor Olr136	-1,0
12820938	615098	RPP30	ribonuclease P/MRP 30kDa subunit	-1,0
12819731	515342	LIPJ	lipase, family member J	-1,0
12877262	317721	MFAP3	microfibrillar-associated protein 3	-1,0
12731641	510100	LOC510100	similar to Olfactory receptor 10A5 (HP3) (Olfactory receptor-like protein JCG6) (Olfactory receptor 11-403) (OR11-403)	-1,0
12902251	100139405	LOC100139405	similar to armadillo repeat containing, X-linked 4	-1,0
12863536	100295688	LOC100295688	hypothetical protein LOC100295688	-1,0
12721170	781036	LOC781036	similar to DnaJ (Hsp40) homolog, subfamily C, member 1	-1,0
12822177	513977	FBXW4	F-box and WD repeat domain containing 4	-1,0
12793695	615443	MTMR10	myotubularin related protein 10	-1,0
12909936	540783	40792	septin 6	-1,0
12859156	512428	SHANK3	SH3 and multiple ankyrin repeat domains 3	-1,0
12808205	534206	TUBB6	tubulin, beta 6	-1,0
12819493	511744	PSTK	phosphoseryl-tRNA kinase	-1,0
12697375	617660	TMEM90A	transmembrane protein 90A	-1,0
12733180	540111	NUP160	nucleoporin 160kDa	-1,0
12781080	509968	C1QC	complement component 1, q subcomponent, C chain	-1,0
12734540	281651	C4BPA	complement component 4 binding protein, alpha	-1,0
12846972	539935	GJB3	gap junction protein, beta 3, 31kDa	-1,0
12741082	615229	SMYD2	SET and MYND domain containing 2	-1,0
12905998	777691	MTCP1	mature T-cell proliferation 1	-1,0
12877124	282483	SLC34A1	solute carrier family 34 (sodium phosphate), member 1	-1,0
12888238	785387	LOC785387	similar to Histone H3.3B CG8989-PA	-1,0
12739202	510385	LOC510385	hypothetical LOC510385	-1,0
12733745	619083	LOC619083	similar to Olfactory receptor 5AN1 (Olfactory receptor OR11-244)	-1,0
12804092	100137723	GTF2H4	general transcription factor IIH, polypeptide 4, 52kDa	-1,0
12695747	529720	PROX2	prospero homeobox 2	-1,0
12795342	511984	SFMBT1	Scm-like with four mbt domains 1	-1,0
12886623	533462	SAP30L	SAP30-like	-1,0
12684254	510136	ZNF295	zinc finger protein 295	-1,0
12840737	539853	TACSTD2	tumor-associated calcium signal transducer 2	-1,0
12715275	516692	C13H20ORF71	chromosome 20 open reading frame 71 ortholog	-1,0
12769355	510355	PLSCR3	phospholipid scramblase 3	-1,0
12714777	512459	GAD2	glutamate decarboxylase 2 (pancreatic islets and brain, 65kDa)	-1,0
12787924	534389	MGC143209	hypothetical LOC534389	-1,0
12865562	512151	NFAM1	NFAT activating protein with ITAM motif 1	-1,0
12780464	288380	NDUFS1	NADH dehydrogenase (ubiquinone) Fe-S protein 1, 75kDa (NADH-coenzyme Q reductase)	-1,0
12683283	280988	AHSG	alpha-2-HS-glycoprotein	-1,0
12862560	617809	BCL2L13	BCL2-like 13 (apoptosis facilitator)	-1,0
12742118	444874	UBC	ubiquitin C	-1,0
12890512	518976	SLC31A1	solute carrier family 31 (copper transporters), member 1	-1,0
12752389	525428	E2F4	E2F transcription factor 4, p107/p130-binding	-1,0
12714149	505723	LARP4B	La ribonucleoprotein domain family, member 4B	-1,0
12873875	509782	LOC509782	similar to ribosomal protein S11	-1,0
12680750	519219	SERPINI2	serpin peptidase inhibitor, clade I (pancpin), member 2	-1,0

12754716	787174	BOSTAUV1R414	vomeronasal 1 receptor bosTauV1R414	-1,0
12721504	100297084	LOC100297084	hypothetical protein LOC100297084	-1,0
12821522	282517	NDUFB8	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 8, 19kDa	-1,0
12763396	515556	ABR	active BCR-related gene	-1,0
12760512	100336099	LOC100336099	ribosomal protein L19-like	-1,0
12759047	613446	PLLP	plasma membrane proteolipid (plasmolipin)	-1,0
12891664	541094	ERMP1	endoplasmic reticulum metalloproteinase 1	-1,0
12768316	506638	LOC506638	similar to zinc finger protein 18	-1,0
12779689	785761	HNRNPA1L2	heterogeneous nuclear ribonucleoprotein A1-like 2	-1,0
12726518	100336980	LOC100336980	olfactory receptor-like	-1,0
12881652	614659	TMEM157	similar to transmembrane protein 157	-1,0
12804393	280863	MOG	myelin oligodendrocyte glycoprotein	-1,0
12689799	520243	SLC38A6	solute carrier family 38, member 6	-1,0
12849741	509170	LOC509170	similar to olfactory receptor MOR103-1	-1,0
12706195	522621	SNRPG	small nuclear ribonucleoprotein polypeptide G	-1,0
12704835	508522	GPN1	GPN-loop GTPase 1	-1,0
12814380	618542	SPDYE4	speedy homolog E4 (Xenopus laevis)	-1,0
12886148	528175	LOC528175	similar to Uncharacterized protein KIAA0892	-1,0
12829996	507659	TSG101	tumor susceptibility gene 101	-1,0
12712196	526529	TUBGCP3	tubulin, gamma complex associated protein 3	-1,0
12825959	404143	GHITM	growth hormone inducible transmembrane protein	-1,0
12730210	782816	TRIM44	tripartite motif-containing 44	-1,0
12762037	507060	WBP2	WW domain binding protein 2	-1,0
12835621	100313303	MIR101-1	microRNA mir-101-1	-1,0
12881775	615658	CAMLG	calcium modulating ligand	-1,0
12870891	512960	CCNG2	cyclin G2	-1,0
12711694	510314	POMP	proteasome maturation protein	-1,0
12754809	789374	LOC789374	similar to Zinc finger protein 154	-1,0
12891947	616977	LOC616977	similar to Interferon beta-2	-1,0
12851454	537889	HOXA1	homeobox A1	-1,0
12765338	614984	UTP6	UTP6, small subunit (SSU) processome component, homolog (yeast)	-1,0
12835281	788653	LOC788653	hypothetical LOC788653	-1,0
12690395	532556	MGA	MAX gene associated	-1,0
12897257	516578	TBP	TATA box binding protein	-1,0
12724599	508162	NCOA2	nuclear receptor coactivator 2	-1,0
12862355	615240	SNRPF	small nuclear ribonucleoprotein polypeptide F	-1,0
12723497	616237	CHCHD7	coiled-coil-helix-coiled-coil-helix domain containing 7	-1,0
12754033	617891	LENG1	leukocyte receptor cluster (LRC) member 1	-1,0
12724550	507179	COPS5	COP9 constitutive photomorphogenic homolog subunit 5 (Arabidopsis)	-1,0
12902570	100313476	MIR1298	microRNA mir-1298	-1,0
12748530	100138604	PKD1L3	polycystic kidney disease 1-like 3	-1,0
12904159	515568	TBC1D25	TBC1 domain family, member 25	-1,0
12779481	617422	POLR2D	polymerase (RNA) II (DNA directed) polypeptide D	-1,0
12749742	444879	ST3GAL2	ST3 beta-galactoside alpha-2,3-sialyltransferase 2	-1,0
12757947	523277	CADM4	cell adhesion molecule 4	-1,0
12793983	786652	LOC786652	similar to Tyrosine-protein kinase SgK269 (Sugen kinase 269)	-1,0
12737979	100296635	USH2A	Usher syndrome 2A (autosomal recessive, mild)	-1,0
12907230	282246	GUCY2F	guanylate cyclase 2F, retinal	-1,0
12850723	527479	AGBL3	ATP/GTP binding protein-like 3	-1,0
12856897	281368	OLR1	oxidized low density lipoprotein (lectin-like) receptor 1	-1,0
12844285	512106	MAP7D1	MAP7 domain containing 1	-1,0
12823949	513265	CDKN2AIP	CDKN2A interacting protein	-1,0
12849743	509207	LOC509207	similar to Olfactory receptor 9A4	-1,0
12807830	510205	SERPINB10	serpin peptidase inhibitor, clade B (ovalbumin), member 10	-1,0

12894239	525246	JAK2	Janus kinase 2	-1,0
12822330	518801	LOC518801	similar to CG17687 CG17687-PA	-1,0
12748447	789892	BCR	breakpoint cluster region	-1,0
12842986	404140	RPS8	ribosomal protein S8	-1,0
12683883	505599	POLR2H	polymerase (RNA) II (DNA directed) polypeptide H	-1,0
12688674	508410	ARIH1	ariadne homolog, ubiquitin-conjugating enzyme E2 binding protein, 1 (Drosophila)	-1,0
12706776	533055	ALMS1	Alstrom syndrome 1	-1,0
12906697	100336642	LOC100336642	hypothetical protein LOC100336642	-1,0
12803814	768024	MGC137036	hypothetical protein MGC137036	-1,0
12795614	514587	USP19	ubiquitin specific peptidase 19	-1,0
12698500	281701	CNGA3	cyclic nucleotide gated channel alpha 3	-1,0
12885578	517658	CASP14	caspase 14, apoptosis-related cysteine peptidase	-1,0
12869180	784038	LOC784038	similar to H1 histone family, member N, testis-specific	-1,0
12780359	282851	DHRS9	dehydrogenase/reductase (SDR family) member 9	-1,0
12880677	534734	MRI1	methylthioribose-1-phosphate isomerase homolog (S. cerevisiae)	-1,0
12687108	780781	LOC780781	keratin associated protein	-1,0
12853180	317748	AKR1B1	aldo-keto reductase family 1, member B1 (aldose reductase)	-1,0
12748591	100138951	CD33	CD33 molecule	-1,0
12830129	508924	BEST1	bestrophin 1	-1,0
12716280	534386	EPC1	enhancer of polycomb homolog 1 (Drosophila)	-1,0
12767731	359722	SAT2	spermidine/spermine N1-acetyltransferase family member 2	-1,0
12804983	505830	APOM	apolipoprotein M	-1,0
12786277	539504	LIFR	leukemia inhibitory factor receptor alpha	-1,0
12795006	508574	KIF9	kinesin family member 9	-1,0
12895909	783487	ENHO	energy homeostasis associated	-1,0
12844223	511740	TARS2	threonyl-tRNA synthetase 2, mitochondrial (putative)	-1,0
12784335	616246	ARHGAP15	Rho GTPase activating protein 15	-1,0
12751096	511840	SAPS1	SAPS domain family, member 1	-1,0
12825318	532076	NR1D2	nuclear receptor subfamily 1, group D, member 2	-1,0
12733698	617482	KBTBD4	kelch repeat and BTB (POZ) domain containing 4	-1,0
12816488	512685	WIPI2	WD repeat domain, phosphoinositide interacting 2	-1,0
12844848	515038	LOC515038	similar to putative olfactory receptor 10K1	-1,0
12799567	530516	KBTBD8	kelch repeat and BTB (POZ) domain containing 8	-1,0
12820483	535065	CUTC	cutC copper transporter homolog (E. coli)	-1,0
12865236	510201	STRAP	serine/threonine kinase receptor associated protein	-1,0
12709141	504507	TNFSF13B	tumor necrosis factor (ligand) superfamily, member 13b	-1,0
12771431	531049	LOC531049	similar to Putative eukaryotic translation initiation factor 3 subunit (eIF-3)	-1,0
12836423	504559	DIRAS3	DIRAS family, GTP-binding RAS-like 3	-1,0
12737904	100137803	PRDM16	PR domain containing 16	-1,0
12895376	616726	TSTD2	thiosulfate sulfurtransferase (rhodanese)-like domain containing 2	-1,0
12849070	282591	ASB15	ankyrin repeat and SOCS box-containing 15	-1,0
12895609	768075	RCL1	RNA terminal phosphate cyclase-like 1	-1,0
12890675	524529	GALNT7	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 7 (GalNAc-T7)	-1,0
12752785	533007	COG4	component of oligomeric golgi complex 4	-1,0
12751650	514688	PPP1R15A	protein phosphatase 1, regulatory (inhibitor) subunit 15A	-1,0
12699298	507311	DYNC2LI1	dynein, cytoplasmic 2, light intermediate chain 1	-1,0
12699672	510731	LOC510731	similar to olfactory receptor Olfr335	-1,0
12900812	532015	ELOVL4	elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 4	-1,0
12867814	539452	SRGAP1	SLIT-ROBO Rho GTPase activating protein 1	-1,0

12703545	100299092	LOC100299092	similar to fasciculation and elongation protein zeta 1 (zygin I)	-1,0
12766721	100296637	LOC100296637	similar to enhancer of rudimentary homolog	-1,0
12833208	506802	PLA2G16	phospholipase A2, group XVI	-1,0
12896224	100140348	LOC100140348	hypothetical protein LOC100140348	-1,0
12744390	614487	KDM2B	lysine (K)-specific demethylase 2B	-1,0
12727374	509244	TMX2	thioredoxin-related transmembrane protein 2	-1,0
12701977	538907	CCDC142	coiled-coil domain containing 142	-1,0
12906518	100299582	LOC100299582	similar to TatD DNase domain containing 1	-1,0
12895395	616883	ZNF782	zinc finger protein 782	-1,0
12852325	781085	LOC781085	hypothetical LOC781085	-1,0
12825066	510471	MBOAT4	membrane bound O-acyltransferase domain containing 4	-1,0
12704643	507644	CCDC138	coiled-coil domain containing 138	-1,0
12865729	513340	GNB3	guanine nucleotide binding protein (G protein), beta polypeptide 3	-1,0
12837617	510316	DCAF8	DDB1 and CUL4 associated factor 8	-1,0
12696639	539350	TICAM2	toll-like receptor adaptor molecule 2	-1,0
12834959	616423	MGC134282	hypothetical protein LOC616423	-1,0
12771162	525252	ATXN7L3	ataxin 7-like 3	-1,0
12791362	784266	LOC784266	similar to mCG18413	-1,0
12895840	783189	LOC783189	similar to Uncharacterized protein C9orf128	-1,0
12882583	100125579	ZNF554	zinc finger protein 554	-1,0
12763212	514104	WDR81	WD repeat domain 81	-1,0
12707882	614152	BRE	brain and reproductive organ-expressed (TNFRSF1A modulator)	-1,0
12870694	509430	SRP72	signal recognition particle 72kDa	-1,0
12772810	615847	FAM33A	family with sequence similarity 33, member A	-1,0
12731671	510395	PHF21A	PHD finger protein 21A	-1,0
12748642	100139764	LOC100139764	similar to WW domain binding protein 4	-1,0
12744022	539109	MMP11	matrix metalloproteinase 11 (stromelysin 3)	-1,0
12766978	280804	GH1	growth hormone	-1,0
12741547	789103	LOC789103	similar to hCG15295	-1,0
12840506	538669	TRAPPC3	trafficking protein particle complex 3	-1,0
12858756	509843	LOC509843	similar to histone deacetylase 7A	-1,0
12881566	613999	MGC137099	hepatitis A virus cellular receptor 1 N-terminal domain containing protein	-1,0
12905423	540023	BCORL1	BCL6 co-repressor-like 1	-1,0
12888755	100140471	LRRC19	leucine rich repeat containing 19	-1,0
12712739	613895	C12H13orf27	chromosome 13 open reading frame 27 ortholog	-1,0
12892050	781578	LOC781578	similar to heterochromatin protein 1 beta	-1,0
12757255	514201	SMPD3	sphingomyelin phosphodiesterase 3, neutral membrane (neutral sphingomyelinase II)	-1,0
12812405	513004	TPST1	tyrosylprotein sulfotransferase 1	-1,0
12855879	615728	SYPL1	synaptophysin-like 1	-1,0
12863426	100140164	LOC100140164	hypothetical protein LOC100140164	-1,0
12764723	537963	STXBP4	syntaxin binding protein 4	-1,0
12705952	516489	SMEK2	SMEK homolog 2, suppressor of mek1 (Dictyostelium)	-1,0
12828921	780777	CTNNA3	catenin (cadherin-associated protein), alpha 3	-1,0
12896095	100137749	COL19A1	collagen, type XIX, alpha 1	-1,0
12882926	100337149	LOC100337149	proto-oncogene vav-like	-1,0
12781892	518699	SMPDL3B	sphingomyelin phosphodiesterase, acid-like 3B	-1,0
12835773	281010	ARNT	aryl hydrocarbon receptor nuclear translocator	-1,0
12692187	618035	RAB27A	RAB27A, member RAS oncogene family	-1,0
12909183	532367	LOC532367	similar to melanoma antigen family B, 16	-1,0
12713992	404192	ASIP	agouti signaling protein, nonagouti homolog (mouse)	-1,0
12746973	525164	TRIAP1	TP53 regulated inhibitor of apoptosis 1	-1,0
12877459	444988	DHPS	deoxyhypusine synthase	-1,0
12872248	541116	MXD4	MAX dimerization protein 4	-1,0

12882506	789554	LOC789554	similar to olfactory receptor, family 7, subfamily A, member 17	-1,0
12858221	506683	TWF1	twinfilin, actin-binding protein, homolog 1 (Drosophila)	-1,0
12848065	784106	LOC784106	similar to MGC127989 protein	-1,0
12798367	504900	PPP4R2	protein phosphatase 4, regulatory subunit 2	-1,0
12755342	100298818	LOC100298818	similar to zinc finger protein 30 homolog	-1,0
12857478	404156	CD63	CD63 molecule	-1,0
12699601	510077	MAL	mal, T-cell differentiation protein	-1,0
12841407	617358	ASB1	ankyrin repeat and SOCS box-containing 1	-1,0
12798403	505320	ARIH2	ariadne homolog 2 (Drosophila)	-1,0
12902510	100300885	LOC100300885	similar to ferritin, light polypeptide	-1,0
12719451	515498	C13H20orf30	chromosome 20 open reading frame 30 ortholog	-1,0
12696159	534465	KTU	kintoun	-1,0
12833525	511751	FEZ1	fasciculation and elongation protein zeta 1 (zygin I)	-1,0
12694413	510145	CMTM5	CKLF-like MARVEL transmembrane domain containing 5	-1,0
12804571	282013	PSMB8	proteasome (prosome, macropain) subunit, beta type, 8 (large multifunctional peptidase 7)	-1,0
12893268	510133	TMEM215	transmembrane protein 215	-1,0
12681607	535482	C1H21ORF59	chromosome 21 open reading frame 59 ortholog	-1,0
12707468	539470	GPR75	G protein-coupled receptor 75	-1,0
12895443	617079	LOC617079	similar to ATP-binding cassette transporter C4	-1,0
12852140	654401	ZPBP	zona pellucida binding protein	-1,0
12786179	537188	UGT3A2	UDP glycosyltransferase 3 family, polypeptide A2	-1,0
12778992	540838	ARPC2	actin related protein 2/3 complex, subunit 2, 34kDa	-1,0
12747533	536110	DCLK2	doublecortin-like kinase 2	-1,0
12895540	767863	FBXW2	F-box and WD repeat domain containing 2	-1,0
12773164	618938	LOC618938	similar to Keratin associated protein-like	-1,0
12747423	534295	LOC534295	similar to Uncharacterized protein KIAA1109 (Fragile site-associated protein homolog)	-1,0
12715259	515992	MGC133636	cystatin SC	-1,0
12761166	282523	SLC25A11	solute carrier family 25 (mitochondrial carrier; oxoglutarate carrier), member 11	-1,0
12794584	504474	STT3B	STT3, subunit of the oligosaccharyltransferase complex, homolog B (S. cerevisiae)	-1,0
12754302	767839	LRFN3	leucine rich repeat and fibronectin type III domain containing 3	-1,0
12888277	785561	LOC785561	similar to cyclin B2	-1,0
12840497	538552	LOC538552	similar to olfactory receptor MOR267-8	-1,0
12784565	783064	LOC783064	hypothetical LOC783064	-1,0
12794510	407241	KLF15	Kruppel-like factor 15	-1,0
12788018	538292	TRIO	triple functional domain (PTPRF interacting)	-1,0
12770311	514898	P2RX1	purinergic receptor P2X, ligand-gated ion channel, 1	-1,0
12741494	785057	FBXO44	F-box protein 44	-1,0
12901376	615481	KLHL32	kelch-like 32 (Drosophila)	-1,0
12724180	281022	ARFGEF1	ADP-ribosylation factor guanine nucleotide-exchange factor 1(brefeldin A-inhibited)	-1,0
12815851	507169	TRRAP	transformation/transcription domain-associated protein	-1,0
12682652	781334	TMSB4X	thymosin beta 4, X-linked	-1,0
12686044	537248	LOC537248	similar to ACPL2 protein	-1,0
12791386	788978	ARHGAP5	Rho GTPase activating protein 5	-1,0
12807005	781257	MTCH1	mitochondrial carrier homolog 1 (C. elegans)	-1,0
12875348	539158	ATOH1	atonal homolog 1 (Drosophila)	-1,0
12748911	100297019	LOC100297019	hypothetical LOC100297019	-1,0
12790303	524684	PCSK6	proprotein convertase subtilisin/kexin type 6	-1,0
12895568	767897	C9orf64	hypothetical protein C9ORF64	-1,0
12808944	100295560	LOC100295560	similar to ribosomal protein 10	-1,0
12784009	574085	DAPL1	death associated protein-like 1	-1,0

12877990	506859	ZNF317	zinc finger protein 317	-1,0
12803969	786065	LOC786065	similar to butyrophilin-like 4	-1,0
12716858	613338	IDH3B	isocitrate dehydrogenase 3 (NAD+) beta	-1,0
12702167	540108	SPTAN1	spectrin, alpha, non-erythrocytic 1 (alpha-fodrin)	-1,0
12783593	538992	LOC538992	similar to islet cell autoantigen 1,69kDa-like	-1,0
12835331	100125876	C3H1orf85	lysosomal protein NCU-G1	-1,0
12749946	504571	ZNF575	zinc finger protein 575	-1,0
12831716	540913	CCDC86	coiled-coil domain containing 86	-1,0
12719423	515230	LOC515230	similar to Protein FAM83C	-1,0
12849978	511510	REPIN1	replication initiator 1	-1,0
12807216	789095	LOC789095	similar to Syntenin	-1,0
12767359	281937	MYO1C	myosin IC	-1,0
12741511	787880	SYT14	synaptotagmin XIV	-1,0
12695229	520335	OXA1L	oxidase (cytochrome c) assembly 1-like	-1,0
12832987	504229	TMEM126B	transmembrane protein 126B	-1,0
12737098	539815	B3GALT2	UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 2	-1,0
12784263	615424	MTX2	metaxin 2	-1,0
12750583	509208	SFRS16	splicing factor, arginine/serine-rich 16	-1,0
12728696	528483	DDX10	DEAD (Asp-Glu-Ala-Asp) box polypeptide 10	-1,0
12878322	508949	2-Mar	membrane-associated ring finger (C3HC4) 2	-1,0
12766656	100140873	ICAM2	intercellular adhesion molecule 2	-1,0
12896573	100337444	LOC100337444	androgen-induced 1-like	-1,0
12708132	616833	TSC21	protein TSC21	-1,0
12748152	617453	CLDN5	claudin 5	-1,0
12842925	338057	NDUFS5	NADH dehydrogenase (ubiquinone) Fe-S protein 5, 15kDa (NADH-coenzyme Q reductase)	-1,0
12825087	511345	AGA	aspartylglucosaminidase	-1,0
12832821	337907	PAG11	pregnancy-associated glycoprotein 11	-1,0
12746166	509264	PHF17	PHD finger protein 17	-1,0
12865590	512340	LOC512340	similar to olfactory receptor MOR210-5	-1,0
12729408	538657	TRIM68	tripartite motif-containing 68	-1,0
12776270	511853	TTLL4	tubulin tyrosine ligase-like family, member 4	-1,0
12694796	514748	FAM82A2	family with sequence similarity 82, member C	-1,0
12680563	516626	OSTA	organic solute transporter alpha	-1,0
12775915	509158	LOC509158	hypothetical LOC509158	-1,0
12805169	508566	NQO2	NAD(P)H dehydrogenase, quinone 2	-1,0
12839139	524503	CTBS	chitinase, di-N-acetyl-	-1,0
12805189	509176	SYCP2L	synaptonemal complex protein 2-like	-1,0
12756293	505350	TULP2	tubby like protein 2	-1,0
12761383	404182	SHBG	sex hormone-binding globulin	-1,0
12838545	515738	ACP6	acid phosphatase 6, lysophosphatidic	-1,0
12838322	513795	ECHDC2	enoyl Coenzyme A hydratase domain containing 2	-1,0
12755296	100297492	LOC100297492	similar to double homeobox, 1	-1,0
12830597	513662	LOC513662	hypothetical LOC513662	-1,0
12802836	533456	COL21A1	collagen, type XXI, alpha 1	-1,0
12727522	511161	LOC511161	similar to nicotinamide N-methyltransferase (predicted)	-1,0
12886522	532990	H2AFY	H2A histone family, member Y	-1,0
12900203	514237	PSMB1	proteasome (prosome, macropain) subunit, beta type, 1	-1,0
12804208	100270749	ZNF389	zinc finger protein 389	-1,0
12766573	100138708	LOC100138708	hypothetical protein LOC100138708	-1,0
12714050	504724	PIGT	phosphatidylinositol glycan anchor biosynthesis, class T	-1,0
12681711	537379	RBP1	retinol binding protein 1, cellular	-1,0
12765078	540216	TUBG2	tubulin, gamma 2	-1,0
12730439	788864	LOC788864	similar to 51H5 olfactory receptor protein	-1,0
12905441	540146	SPIN4	spindlin family, member 4	-1,0
12702132	540024	LOC540024	ashwin	-1,0
12733022	538722	SCN2B	sodium channel, voltage-gated, type II, beta	-1,0

12687170	783224	LOC783224	similar to ferritin L subunit	-1,0
12679384	507839	PRMT2	protein arginine methyltransferase 2	-1,0
12739912	521254	BPNT1	3'(2'), 5'-bisphosphate nucleotidase 1	-1,0
12801442	507535	SLC17A1	solute carrier family 17 (sodium phosphate), member 1	-1,0
12837481	509587	ATG16L1	ATG16 autophagy related 16-like 1 (<i>S. cerevisiae</i>)	-1,0
12750702	509955	TRAPPC2L	trafficking protein particle complex 2-like	-1,0
12760666	281080	CLTC	clathrin, heavy chain (Hc)	-1,0
12806166	533000	GMPR	guanosine monophosphate reductase	-1,0
12833662	513558	BSCL2	Berardinelli-Seip congenital lipodystrophy 2 (seipin)	-1,0
12679396	508029	TRPM2	transient receptor potential cation channel, subfamily M, member 2	-1,0
12895441	617072	LOC617072	similar to MADP-1 protein-like	-1,0
12725705	534858	UTP23	UTP23, small subunit (SSU) processome component, homolog (yeast)	-1,0
12784016	613348	LOC613348	similar to phosphatidylinositol 4-kinase, catalytic, beta (predicted)	-1,0
12742539	511353	LOC511353	similar to Ig lambda chain V-I region BL2	-1,0
12796109	526697	CNTN3	contactin 3 (plasmacytoma associated)	-1,0
12832059	767867	SCGB1A1	secretoglobin, family 1A, member 1 (uteroglobin)	-1,0
12814585	788113	LOC788113	similar to Snf2-related CBP activator protein	-1,0
12814581	787995	VASN	vasorin	-1,0
12902018	510961	LOC510961	hypothetical LOC510961	-1,0
12809517	511041	ELP2	elongation protein 2 homolog (<i>S. cerevisiae</i>)	-1,0
12741412	781658	CORT	cortistatin	-1,0
12797179	618236	C22H3orf22	chromosome 3 open reading frame 22 ortholog	-1,0
12899842	507076	MOXD1	monooxygenase, DBH-like 1	-1,0
12844440	512622	JMJD2A	similar to JmjC domain-containing histone demethylation protein 3A (Jumonji domain-containing protein 2A)	-1,0
12785588	513617	ZNF622	zinc finger protein 622	-1,0
12735421	511387	KLHL20	kelch-like 20 (<i>Drosophila</i>)	-1,0
12728403	522410	LOC522410	similar to olfactory receptor MOR231-3	-1,0
12859815	517750	LRRC10	leucine rich repeat containing 10	-1,0
12884090	507439	NMUR2	neuromedin U receptor 2	-1,0
12775302	504889	GMPPA	GDP-mannose pyrophosphorylase A	-1,0
12852222	767895	WDR60	WD repeat domain 60	-1,0
12823748	509643	PROSC	proline synthetase co-transcribed homolog (bacterial)	-1,0
12783122	535402	FAM76A	family with sequence similarity 76, member A	-1,0
12874570	526205	GSTCD	glutathione S-transferase, C-terminal domain containing	-1,0
12755619	100337434	LOC100337434	hypothetical LOC100337434	-1,0
12755617	100337420	LOC100337420	hypothetical LOC100337420	-1,0
12886095	527458	KLHL26	kelch-like 26 (<i>Drosophila</i>)	-1,0
12898025	534110	IYD	iodotyrosine deiodinase	-1,0
12700336	518084	ZBTB34	zinc finger and BTB domain containing 34	-1,0
12707091	535421	ELMOD3	ELMO/CED-12 domain containing 3	-1,0
12811007	100295028	LOC100295028	hypothetical protein LOC100295028	-1,0
12909801	539732	POU3F4	POU class 3 homeobox 4	-1,0
12856031	767981	SHFM1	split hand/foot malformation (ectrodactyly) type 1	-1,0
12868413	615284	LOC615284	similar to olfactory receptor, family 6, subfamily C, member 4	-1,0
12682450	615954	CHMP2B	chromatin modifying protein 2B	-1,0
12881492	613362	DTWD2	DTW domain containing 2	-1,0
12691970	615652	TTC8	tetratricopeptide repeat domain 8	-1,0
12723070	533451	TRAPPC9	trafficking protein particle complex 9	-1,0
12717041	616523	SLMO2	slowmo homolog 2 (<i>Drosophila</i>)	-1,0
12907094	281179	G6PD	glucose-6-phosphate dehydrogenase	-1,0
12862605	618591	LOC618591	similar to NKp80 NK receptor	-1,0
12907533	506451	SPIN2	spindlin family, member 2	-1,0

12821307	100337346	LOC100337346	chromosome 10 open reading frame 46-like	-1,0
12752279	523187	LRRC50	leucine rich repeat containing 50	-1,0
12706561	528606	EHMT1	euchromatic histone-lysine N-methyltransferase 1	-1,0
12894629	534671	LOC534671	similar to Serine/threonine-protein kinase Nek1 (NimA-related protein kinase 1) (Renal carcinoma antigen NY-REN-55)	-1,0
12801455	507579	TTRAP	TRAF and TNF receptor associated protein	-1,0
12785611	514740	MRPS27	mitochondrial ribosomal protein S27	-1,0
12729915	614946	SLC39A13	solute carrier family 39 (zinc transporter), member 13	-1,0
12899218	100313447	MIR2478	microRNA mir-2478	-1,0
12841539	618976	LOC618976	similar to RAN binding protein 1	-1,0
12903276	504577	ARMCX1	armadillo repeat containing, X-linked 1	-1,0
12908518	517537	FRMPD3	FERM and PDZ domain containing 3	-1,0
12734971	504820	BLZF1	basic leucine zipper nuclear factor 1	-1,0
12711605	508945	C12H13ORF26	chromosome 13 open reading frame 26 ortholog	-1,0
12910700	786529	LOC786529	similar to mitochondrial carrier triple repeat 6	-1,0
12847088	540818	GABPB1	GA binding protein transcription factor, beta subunit 1	-1,0
12796952	615556	RPL32	ribosomal protein L32	-1,0
12906238	787130	LOC787130	similar to collagen, type III, alpha 1	-1,0
12728867	532411	LOC532411	similar to olfactory receptor MOR180-1	-1,0
12776244	511803	PSMD1	proteasome (prosome, macropain) 26S subunit, non-ATPase, 1	-1,0
12870503	505170	CYTL1	cytokine-like 1	-1,0
12710996	100298796	LOC100298796	hypothetical protein LOC100298796	-1,0
12687272	784906	LOC784906	similar to Probable G-protein coupled receptor 160	-1,0
12895994	785500	LOC785500	similar to Uncharacterized protein C9orf144B	-1,0
12683213	100337454	LOC100337454	hypothetical protein LOC100337454	-1,0
12813030	521540	CCT6A	chaperonin containing TCP1, subunit 6A (zeta 1)	-1,0
12765521	616723	CCL14	chemokine (C-C motif) ligand 14	-1,0
12887744	615150	LOC615150	similar to Olfactory receptor 10H4	-1,0
12871386	526221	DRD5	dopamine receptor D5	-1,0
12824692	100294933	LOC100294933	similar to defensin, beta 103A	-1,0
12892436	100296782	LOC100296782	hypothetical protein LOC100296782	-1,0
12855278	536616	COPG2	coatamer protein complex, subunit gamma 2	-1,0
12770993	522159	PLD2	phospholipase D2	-1,0
12796146	526949	OXSRI	oxidative-stress responsive 1	-1,0
12760750	281296	MAPT	microtubule-associated protein tau	-1,0
12790199	518756	RGMA	RGM domain family, member A	-1,0
12722381	515056	BOP1	block of proliferation 1	-1,0
12769801	512110	LOC512110	similar to Uncharacterized protein KIAA0195 (Transmembrane protein 94)	-1,0
12854478	519952	LOC519952	similar to monooxygenase DBH-like 2	-1,0
12835724	280759	DBT	dihydrolipoamide branched chain transacylase E2	-1,0
12744751	781063	TBX3	T-box 3	-1,0
12800654	782935	FAM19A1	family with sequence similarity 19 (chemokine (C-C motif)-like), member A1	-1,0
12908007	511776	RAB9A	RAB9A, member RAS oncogene family	-1,0
12878571	510631	LOC510631	similar to Heterogeneous nuclear ribonucleoproteins A2/B1 (hnRNP A2 / hnRNP B1)	-1,0
12736787	535008	BATF3	basic leucine zipper transcription factor, ATF-like 3	-1,0
12786697	785366	LOC785366	similar to embigin homolog	-1,0
12894113	520842	KLF4	Kruppel-like factor 4 (gut)	-1,0
12885671	520254	SH3BP5L	SH3-binding domain protein 5-like	-1,0
12826469	527114	AGT	angiotensinogen (serpin peptidase inhibitor, clade A, member 8)	-1,0
12694625	512581	F2RL2	coagulation factor II (thrombin) receptor-like 2	-1,0
12744445	615111	RNF150	ring finger protein 150	-1,0
12688589	507524	LEO1	Leo1, Paf1/RNA polymerase II complex component, homolog (S. cerevisiae)	-1,0

12784974	100313264	MIR449A	microRNA mir-449a	-1,0
12751064	511783	PHKB	phosphorylase kinase, beta	-1,0
12733712	617701	BDNF	brain-derived neurotrophic factor	-1,0
12827666	281377	PARG	poly (ADP-ribose) glycohydrolase	-1,0
12790753	537748	LOC537748	similar to dynein, cytoplasmic, heavy polypeptide 1	-1,0
12784761	788425	AKR7A3	aldo-keto reductase family 7, member A3 (aflatoxin aldehyde reductase)	-1,0
12730582	100335358	LOC100335358	hypothetical protein LOC100335358	-1,0
12838940	521974	TBX15	T-box 15	-1,0
12788489	768014	KIF2A	kinesin heavy chain member 2A	-1,0
12881226	540017	FBN2	fibrillin 2	-1,0
12835272	788567	LRRN4CL	LRRN4 C-terminal like	-1,0
12760128	789346	LOC789346	similar to 60S acidic ribosomal protein P1	-1,0
12734585	281881	KCNH1	potassium voltage-gated channel, subfamily H (eag-related), member 1	-1,0
12745623	504634	MORC2	MORC family CW-type zinc finger 2	-1,0
12878181	508163	UBLCP1	ubiquitin-like domain containing CTD phosphatase 1	-1,0
12896843	505229	ARID1B	AT rich interactive domain 1B (SWI1-like)	-1,0
12891500	539393	RGP1	RGP1 retrograde golgi transport homolog (S. cerevisiae)	-1,0
12824050	516353	BAG4	BCL2-associated athanogene 4	-1,0
12894193	522632	TRIM14	tripartite motif-containing 14	-1,0
12699674	511000	CD207	CD207 molecule, langerin	-1,0
12841916	787419	C2CD4D	C2 calcium-dependent domain containing 4D	-1,0
12882248	784795	CARM1	coactivator-associated arginine methyltransferase 1	-1,0
12896890	506246	FGFR1OP	FGFR1 oncogene partner	-1,0
12717684	100138017	PTPRA	protein tyrosine phosphatase, receptor type, A	-1,0
12732105	514937	FXC1	fracture callus 1 homolog (rat)	-1,0
12766401	789857	ZNF286A	zinc finger protein 286A	-1,0
12761858	506032	LOC506032	similar to Protein Njmu-R1	-1,0
12702985	618320	PRDM12	PR domain containing 12	-1,0
12752408	525675	MARK4	MAP/microtubule affinity-regulating kinase 4	-1,0
12845433	524246	EPHX4	epoxide hydrolase 4	-1,0
12891753	614063	MGC140340	RMI1, RecQ mediated genome instability 1, homolog (S. cerevisiae)	-1,0
12737631	781355	NEK7	NIMA (never in mitosis gene a)-related kinase 7	-1,0
12693052	100296910	LOC100296910	hypothetical protein LOC100296910	-1,0
12713333	100297179	LOC100297179	similar to ubiquitin-conjugating enzyme E2D 3	-1,0
12734021	789288	LOC789288	similar to olfactory receptor, family 5, subfamily W, member 2	-1,0
12776704	516133	FGR	Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog	-1,0
12828709	539779	RUFY2	RUN and FYVE domain containing 2	-1,0
12805964	525636	RCAN2	regulator of calcineurin 2	-1,0
12905763	616331	AP1S2	adaptor-related protein complex 1, sigma 2 subunit	-1,0
12796915	615133	ACTR8	ARP8 actin-related protein 8 homolog (yeast)	-1,0
12679382	507784	LOC507784	similar to 60S ribosomal protein L9	-1,0
12870985	514537	PCDH7	protocadherin 7	-1,0
12874999	533330	PRKG2	protein kinase, cGMP-dependent, type II	-1,0
12795739	515397	HYAL1	hyaluronoglucosaminidase 1	-1,0
12820086	525169	WDR11	WD repeat domain 11	-1,0
12728146	516414	LOC516414	similar to rCG39410	-1,0
12831543	538594	CREBZF	CREB/ATF bZIP transcription factor	-1,0
12860836	531992	SERHL2	serine hydrolase-like 2	-1,0
12837302	508196	DENND4B	DENN/MADD domain containing 4B	-1,0
12694336	509840	CCDC112	coiled-coil domain containing 112	-1,0
12830739	515022	CCS	copper chaperone for superoxide dismutase	-1,0
12895422	616934	HSD17B3	hydroxysteroid (17-beta) dehydrogenase 3	-1,0
12863237	787866	LOC787866	similar to olfactory receptor Olr1012	-1,0

12716231	534046	UCKL1	uridine-cytidine kinase 1-like 1	-1,0
12773457	786025	BAHCC1	BAH domain and coiled-coil containing 1	-1,0
12678379	100336601	LOC100336601	hCG1811380-like	-1,0
12727918	514938	ARFIP2	ADP-ribosylation factor interacting protein 2	-1,0
12770881	519634	MYO18A	myosin XVIIIa	-1,0
12807635	504994	MALT1	mucosa associated lymphoid tissue lymphoma translocation gene 1	-1,0
12747400	534107	PRKAB1	protein kinase, AMP-activated, beta 1 non-catalytic subunit	-1,0
12801294	504295	BTN3A3	butyrophilin, subfamily 3, member A3	-1,0
12881065	538911	HIST3H2A	histone cluster 3, H2a	-1,0
12742235	506621	ZNF268	zinc finger protein 268	-1,0
12742836	517336	MED13L	mediator complex subunit 13-like	-1,0
12797995	282061	SCN5A	sodium channel, voltage-gated, type V, alpha subunit	-1,0
12866068	515155	LAG3	lymphocyte-activation gene 3	-1,0
12723779	783462	LOC783462	similar to ribosomal protein S6-like	-1,0
12689640	518188	RBPMS2	RNA binding protein with multiple splicing 2	-1,0
12700933	526038	CAPN13	calpain 13	-1,0
12842069	100125221	UBAP2L	ubiquitin associated protein 2-like	-1,0
12712613	539536	KCTD4	potassium channel tetramerisation domain containing 4	-1,0
12862848	777788	DDIT3	DNA-damage-inducible transcript 3	-1,0
12699868	513584	LOC513584	similar to olfactory receptor	-1,0
12834701	540155	GANAB	glucosidase, alpha; neutral AB	-1,0
12732356	521256	LOC521256	similar to olfactory receptor, family 51, subfamily F, member 1 (predicted)	-1,0
12706870	533732	SLC4A1AP	solute carrier family 4 (anion exchanger), member 1, adaptor protein	-1,0
12733308	541061	RAPSN	receptor-associated protein of the synapse	-1,0
12826038	505988	SUPV3L1	suppressor of var1, 3-like 1 (S. cerevisiae)	-1,0
12829410	281661	CAPN1	calpain 1, (mu/I) large subunit	-1,0
12718616	507051	CSTF1	cleavage stimulation factor, 3' pre-RNA, subunit 1, 50kDa	-1,0
12769176	509425	EFTUD2	elongation factor Tu GTP binding domain containing 2	-1,0
12898745	541186	GOPC	golgi associated PDZ and coiled-coil motif containing	-1,0
12832065	767937	RBM4	RNA binding motif protein 4	-1,0
12892887	504939	GADD45G	growth arrest and DNA-damage-inducible, gamma	-1,0
12701054	526780	ADAMTSL2	ADAMTS-like 2	-1,0
12841777	785422	LOC785422	similar to Intersectin-2 (SH3 domain-containing protein 1B) (EH and SH3 domains protein 2) (EH domain and SH3 domain regulator of endocytosis 2)	-1,0
12864552	505079	COPS7A	COP9 constitutive photomorphogenic homolog subunit 7A (Arabidopsis)	-1,0
12757083	513110	SLC38A7	solute carrier family 38, member 7	-1,0
12870772	510551	ADH6	alcohol dehydrogenase 6 (class V)	-1,0
12681153	528014	KCNE1	potassium voltage-gated channel, Isk-related family, member 1	-1,0
12839317	527415	LOC527415	similar to olfactory receptor 1340	-1,0
12815621	505787	ABCA3	ATP-binding cassette, sub-family A (ABC1), member 3	-1,0
12687289	785291	DLG1	discs, large homolog 1 (Drosophila)	-1,0
12751157	512301	HAMP	hepcidin antimicrobial peptide	-1,0
12893979	517052	GOLM1	golgi membrane protein 1	-1,0
12721001	617368	ECHDC3	enoyl Coenzyme A hydratase domain containing 3	-1,0
12754429	781790	ZNF23	zinc finger protein 23 (KOX 16)	-1,0
12735315	508912	CNIH4	cornichon homolog 4 (Drosophila)	-1,0
12753335	539196	RPS11	ribosomal protein S11	-1,0
12714434	507590	DBNDD2	dysbindin (dystrobrevin binding protein 1) domain containing 2	-1,0
12786203	538255	HCN1	hyperpolarization activated cyclic nucleotide-gated potassium channel 1	-1,0

12837596	510155	PSMA5	proteasome (prosome, macropain) subunit, alpha type, 5	-1,0
12840055	534753	FCRL4	Fc receptor-like 4	-1,0
12909014	528275	MAGEB16	melanoma antigen family B, 16	-1,0
12857727	493638	PTGES3	prostaglandin E synthase 3 (cytosolic)	-1,0
12882410	788011	LOC788011	similar to olfactory receptor Olr1566	-1,0
12709313	508273	RANBP6	RAN binding protein 6	-1,0
12802203	516457	DEF6	differentially expressed in FDCP 6 homolog (mouse)	-1,0
12697564	781430	LOC781430	similar to TRD@ protein	-1,0
12725450	524070	BAI1	brain-specific angiogenesis inhibitor 1	-1,0
12837079	506848	SIKE1	suppressor of IKBKE 1	-1,0
12729324	537616	POLD3	polymerase (DNA-directed), delta 3, accessory subunit	-1,0
12899993	510495	LMBRD1	LMBR1 domain containing 1	-1,0
12717792	100295424	LOC100295424	hypothetical protein LOC100295424	-1,0
12791191	616052	C21H14ORF129	chromosome 14 open reading frame 129 ortholog	-1,0
12906474	100296832	LOC100296832	similar to short coiled-coil protein	-1,0
12777896	534645	SNRNP40	small nuclear ribonucleoprotein 40kDa (U5)	-1,0
12879304	517059	SGCD	sarcoglycan, delta (35kDa dystrophin-associated glycoprotein)	-1,0
12884706	510272	PRRC1	proline-rich coiled-coil 1	-1,0
12868130	540731	PRDM4	PR domain containing 4	-1,0
12679811	511331	TXLNA	taxilin alpha	-1,0
12692031	616539	CHURC1	churchill domain containing 1	-1,0
12851167	535248	CCDC132	coiled-coil domain containing 132	-1,0
12877571	505007	MOBKL2A	MOB1, Mps One Binder kinase activator-like 2A (yeast)	-1,0
12709739	518364	PRHOXNB	parahox cluster neighbor	-1,0
12853503	505945	SRPK2	SFRS protein kinase 2	-1,0
12863649	100313217	MIR2437	microRNA mir-2437	-1,0
12855712	614074	TOMM7	translocase of outer mitochondrial membrane 7 homolog (yeast)	-1,0
12726470	100300545	LOC100300545	similar to olfactory receptor 160	-1,0
12894334	528135	HNRNPK	heterogeneous nuclear ribonucleoprotein K	-1,0
12700664	521926	EIF2B4	eukaryotic translation initiation factor 2B, subunit 4 delta, 67kDa	-1,0
12715265	516135	SLC2A10	solute carrier family 2 (facilitated glucose transporter), member 10	-1,0
12700872	525263	GEMIN6	gem (nuclear organelle) associated protein 6	-1,0
12784230	614967	SUMO1	SMT3 suppressor of mif two 3 homolog 1 (S. cerevisiae)	-1,0
12772418	540255	LOC540255	similar to olfactory receptor	-1,0
12857257	282477	SLC25A3	solute carrier family 25 (mitochondrial carrier; phosphate carrier), member 3	-1,0
12860685	529659	SLC17A8	solute carrier family 17 (sodium-dependent inorganic phosphate cotransporter), member 8	-1,0
12896694	282416	COL10A1	collagen, type X, alpha 1	-1,0
12680957	523482	GPR128	G protein-coupled receptor 128	-1,0
12775214	497024	NFE2L2	nuclear factor (erythroid-derived 2)-like 2	-1,0
12729909	614890	PTPMT1	protein tyrosine phosphatase, mitochondrial 1	-1,0
12776070	510255	GLI2	GLI family zinc finger 2	-1,0
12729795	613525	SELH	selenoprotein H	-1,0
12882072	767924	MGC128424	hypothetical protein MGC128424	-1,0
12889697	507809	RUSC2	RUN and SH3 domain containing 2	-1,0
12840424	538291	INPP5B	inositol polyphosphate-5-phosphatase, 75kDa	-1,0
12755727	281702	CNGB1	cyclic nucleotide gated channel beta 1	-1,0
12837383	508712	CCBL2	cysteine conjugate-beta lyase 2	-1,0
12721268	784495	LOC784495	hypothetical protein LOC784495	-1,0

12876059	782761	LOC782761	similar to Epididymis-specific alpha-mannosidase precursor (Mannosidase alpha class 2B member 2) (AMAN)	-1,0
12876219	100138086	LOC100138086	similar to MGC137594 protein	-1,0
12858101	506402	CHD4	chromodomain helicase DNA binding protein 4	-1,0
12819502	511755	SFXN3	sideroflexin 3	-1,0
12725262	514181	RPL23A	ribosomal protein L23a	-1,0
12702789	616756	SIX3	SIX homeobox 3	-1,0
12719162	513253	EDEM2	ER degradation enhancer, mannosidase alpha-like 2	-1,0
12841683	783604	LOC783604	hypothetical protein LOC783604	-1,0
12815778	506615	LOC506615	similar to limkain b1	-1,0
12906291	100124430	ARHGAP4	Rho GTPase activating protein 4	-1,0
12799409	523887	LYZL4	lysozyme-like 4	-1,0
12728960	533250	ZDHHC5	zinc finger, DHHC-type containing 5	-1,0
12707871	614027	SIRT3	sirtuin (silent mating type information regulation 2 homolog) 3 (<i>S. cerevisiae</i>)	-1,0
12696853	540353	RNF111	ring finger protein 111	-1,0
12806660	614102	MRPS18A	mitochondrial ribosomal protein S18A	-1,0
12734049	100138376	LOC100138376	hypothetical protein LOC100138376	-1,0
12690325	531303	NOX5	NADPH oxidase, EF-hand calcium binding domain 5	-1,0
12891514	539505	ZNF483	zinc finger protein 483	-1,0
12697487	767888	LOC767888	T-cell receptor alpha chain variable region	-1,0
12863265	788925	PRR5	proline rich 5 (renal)	-1,0
12753904	617174	ZNF8	zinc finger protein 8	-1,0
12763276	514944	AZI1	5-azacytidine induced 1	-1,0
12751923	517097	CTCF	CCCTC-binding factor (zinc finger protein)	-1,0
12889649	507550	MGC157266	hypothetical LOC507550	-1,0
12748177	618232	MED15	mediator complex subunit 15	-1,0
12715726	524240	LOC524240	similar to hCG2042429	-1,0
12853822	510807	NFE2L3	nuclear factor (erythroid-derived 2)-like 3	-1,0
12865064	509011	MKL1	megakaryoblastic leukemia (translocation) 1	-1,0
12688908	510852	HNRNPC	heterogeneous nuclear ribonucleoprotein C (C1/C2)	-1,0
12691325	540411	MAPK1IP1L	mitogen-activated protein kinase 1 interacting protein 1-like	-1,0
12904865	533569	MGC142908	hypothetical LOC533569	-1,0
12839683	531794	GUCA2A	guanylate cyclase activator 2A (guanylin)	-1,0
12762618	510497	ABCA5	ATP-binding cassette, sub-family A (ABC1), member 5	-1,0
12903903	513415	SLC25A14	solute carrier family 25 (mitochondrial carrier, brain), member 14	-1,0
12842896	327697	NDUFS2	NADH dehydrogenase (ubiquinone) Fe-S protein 2, 49kDa (NADH-coenzyme Q reductase)	-1,0
12710811	782740	LOC782740	similar to 60S ribosomal protein L9	-1,0
12721594	281207	NPBWR1	neuropeptides B/W receptor 1	-1,0
12891421	538474	NFIB	nuclear factor I/B	-1,0
12756409	506501	TERF2	telomeric repeat binding factor 2	-1,0
12732232	517111	RDX	radixin	-1,0
12678756	282147	ATP6V1A	ATPase, H ⁺ transporting, lysosomal 70kDa, V1 subunit A	-1,0
12891949	617112	LOC617112	similar to interferon-tau	-1,0
12760617	100337330	LOC100337330	DNA-directed RNA polymerase II A-like	-1,0
12800852	100125778	RING1	ring finger protein 1	-1,0
12690097	527574	SALL2	sal-like 2 (<i>Drosophila</i>)	-1,0
12753029	534696	BCMO1	beta-carotene 15,15'-monooxygenase 1	-1,0
12740756	540309	ELK4	ELK4, ETS-domain protein (SRF accessory protein 1)	-1,0
12823222	617773	C26H10orf120	chromosome 10 open reading frame 120 ortholog	-1,0
12855834	615644	PUS7	pseudouridylyl synthase 7 homolog (<i>S. cerevisiae</i>)	-1,0
12839222	525944	SNIP1	Smad nuclear interacting protein 1	-1,0
12910367	767989	MAGEB4	melanoma antigen family B, 4	-1,0

12772589	613676	UBE2G1	ubiquitin-conjugating enzyme E2G 1 (UBC7 homolog, yeast)	-1,0
12892508	100336446	LOC100336446	CDW92 antigen-like	-1,0
12706474	527992	LOC527992	similar to CG17657 CG17657-PA	-1,0
12877150	282648	CACNA1A	calcium channel, voltage-dependent, P/Q type, alpha 1A subunit	-1,0
12864230	282848	PFDN5	prefoldin subunit 5	-1,0
12852413	784386	HOXA10	homeobox A10	-1,0
12745514	286868	RPLP0	ribosomal protein, large, P0	-1,0
12750731	510004	NUP93	nucleoporin 93kDa	-1,0
12721580	100337279	LOC100337279	hypothetical protein LOC100337279	-1,0
12775317	504978	LOC504978	similar to Group IIC secretory phospholipase A2 precursor (Phosphatidylcholine 2-acylhydrolase GIIC) (GIIC sPLA2) (PLA2-8) (14 kDa phospholipase A2)	-1,0
12726889	326588	RPS3	ribosomal protein S3	-1,0
12805638	514682	PRIM2	primase, DNA, polypeptide 2 (58kDa)	-1,0
12828941	781044	RHOU	ras homolog gene family, member U	-1,0
12852506	786657	LOC786657	similar to major facilitator superfamily domain containing 1	-1,0
12749494	282531	GABARAPL2	GABA(A) receptor-associated protein-like 2	-1,0
12713066	781119	SLITRK6	SLIT and NTRK-like family, member 6	-1,0
12839028	522554	LOC522554	similar to putative olfactory receptor 10J1	-1,0
12845950	530756	LOC530756	similar to acyltransferase like 1B	-1,0
12797165	617772	TPRA1	transmembrane protein, adipocyte associated 1	-1,0
12822663	533499	MMS19	MMS19 nucleotide excision repair homolog (S. cerevisiae)	-1,0
12731220	505438	ARFGAP2	ADP-ribosylation factor GTPase activating protein 2	-1,0
12806626	613862	TULP1	tubby like protein 1	-1,0
12864037	281707	COPZ1	coatamer protein complex, subunit zeta 1	-1,0
12839832	532829	LPAR3	lysophosphatidic acid receptor 3	-1,0
12889145	282011	PSIP1	PC4 and SFRS1 interacting protein 1	-1,0
12887501	541077	ETF1	eukaryotic translation termination factor 1	-1,0
12857629	407189	KERIA	cytokeratin type II, component Ia	-1,0
12692778	100124517	KHNYN	KH and NYN domain containing	-1,0
12856569	100336723	LOC100336723	WC1-like	-1,0
12808638	615119	LOC615119	similar to Uncharacterized protein KIAA0427	-1,0
12759915	786206	GLRX	glutaredoxin (thioltransferase)	-1,0
12786661	781186	LOC781186	similar to ribosomal protein S15a	-1,0
12810695	654400	LOC654400	GATA-6	-1,0
12780733	505853	MGC148679	hypothetical LOC505853	-1,0
12759892	785933	LOC785933	similar to Orphan sodium- and chloride-dependent neurotransmitter transporter NTT5 (Solute carrier family 6 member 16)	-1,0
12816486	512552	LOC512552	similar to putative nucleic acid binding protein RY-1	-1,0
12781529	514286	RAB42	similar to RAB42, member RAS homolog family	-1,0
12874312	516540	METAP1	methionyl aminopeptidase 1	-1,0
12770107	513500	LOC513500	similar to Uncharacterized protein C17orf68 (HBV DNAPTP1-transactivated protein B)	-1,0
12795077	509431	ASB14	ankyrin repeat and SOCS box-containing 14	-1,0
12801167	282243	GUCA1A	guanylate cyclase activator 1A (retina)	-1,0
12859907	518739	ANO4	anoctamin 4	-1,0
12803127	536813	SLC25A27	solute carrier family 25, member 27	-1,0
12761832	505885	WDR16	WD repeat domain 16	-1,0
12882848	100313347	MIR2457	microRNA mir-2457	-1,0
12846082	532645	MAN1A2	mannosidase, alpha, class 1A, member 2	-1,0
12800740	785419	LOC785419	similar to Upstream-binding protein 1 (LBP-1)	-1,0
12707239	537682	SOS1	son of sevenless homolog 1 (Drosophila)	-1,0
12902931	282293	OPN1LW	opsin 1 (cone pigments), long-wave-sensitive	-1,0
12823295	100125236	MCPH1	microcephalin 1	-1,0

12816165	509874	GTF3C1	general transcription factor IIIC, polypeptide 1, alpha 220kDa	-1,0
12884026	506645	UBAP2L	ubiquitin associated protein 2-like	-1,0
12876607	100336927	LOC100336927	G protein-coupled receptor 150-like	-1,0
12785694	518502	RAD1	RAD1 homolog (S. pombe)	-1,0
12815284	286862	YWHAG	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, gamma polypeptide	-1,0
12747555	536143	GCN1L1	GCN1 general control of amino-acid synthesis 1-like 1 (yeast)	-1,0
12871222	519500	C6H4ORF31	chromosome 4 open reading frame 31 ortholog	-1,0
12892480	100313957	IFNT	interferon-tau 3g	-1,0
12853983	512673	LOC512673	similar to Mitochondrial import receptor subunit TOM20 homolog (Mitochondrial 20 kDa outer membrane protein) (Outer mitochondrial membrane receptor Tom20)	-1,0
12817732	533630	PSPH	phosphoserine phosphatase	-1,0
12862551	617596	GXYLT1	glucoside xylosyltransferase 1	-1,0
12827463	100297981	LOC100297981	similar to early growth response 2 protein	-1,0
12765795	767942	GRN	granulin	-1,0
12896966	508104	TSPYL4	TSPY-like 4	-1,0
12727485	510901	LOC510901	similar to olfactory receptor MOR228-3	-1,0
12803570	616517	LOC616517	similar to olfactory receptor 134	-1,0
12733878	783671	LOC783671	similar to olfactory receptor Olfr624	-1,0
12738750	504531	PIK3CD	phosphoinositide-3-kinase, catalytic, delta polypeptide	-1,0
12813065	522068	SOLH	small optic lobes homolog (Drosophila)	-1,0
12813703	538487	LOC538487	similar to UPF0472 protein C16orf72	-1,0
12761636	504960	CD68	CD68 molecule	-1,0
12725603	530104	SPAG1	sperm associated antigen 1	-1,0
12895798	782907	LOC782907	similar to PRDX3 protein	-1,0
12681471	534317	MRPL47	mitochondrial ribosomal protein L47	-1,0
12740389	534611	NME7	non-metastatic cells 7, protein expressed in (nucleoside-diphosphate kinase)	-1,0
12910794	789010	TGIF2LX	TGFB-induced factor homeobox 2-like, X-linked	-1,0
12861444	537613	SYT10	synaptotagmin X	-1,0
12726289	789384	ZNF250	zinc finger protein 250	-1,0
12768160	505242	SLC9A3R1	solute carrier family 9 (sodium/hydrogen exchanger), member 3 regulator 1	-1,0
12870347	326583	UBE2D3P	similar to Putative ubiquitin-conjugating enzyme E2 D3-like protein	-1,0
12779691	786336	PTMA	prothymosin, alpha (gene sequence 28)	-1,0
12869671	100336519	LOC100336519	FIP1L1 protein-like	-1,0
12716802	540853	SNAP25	synaptosomal-associated protein, 25kDa	-1,0
12708036	615803	MEMO1	mediator of cell motility 1	-1,0
12837529	509860	S100A2	S100 calcium binding protein A2	-1,0
12758099	526642	WDR59	WD repeat domain 59	-1,0
12694017	506384	PARP16	poly (ADP-ribose) polymerase family, member 16	-1,0
12887391	540564	RAD23A	RAD23 homolog A (S. cerevisiae)	-1,0
12786502	541259	CDH10	cadherin 10, type 2 (T2-cadherin)	-1,0
12746657	515278	ELMOD2	ELMO/CED-12 domain containing 2	-1,0
12840065	534883	VPS72	vacuolar protein sorting 72 homolog (S. cerevisiae)	-1,0
12692460	784100	LOC784100	similar to Olfr736 protein	-1,0
12682386	614906	MRPL3	mitochondrial ribosomal protein L3	-1,0
12801900	513497	CDKN1A	cyclin-dependent kinase inhibitor 1A (p21, Cip1)	-1,0
12731689	510447	PEX16	peroxisomal biogenesis factor 16	-1,0
12751817	515527	TMEM150B	transmembrane protein 150B	-1,0
12713216	100140422	LOC100140422	similar to FLJ32214 protein	-1,0
12714904	513148	DHX35	DEAH (Asp-Glu-Ala-His) box polypeptide 35	-1,0
12779880	100141021	CYFIP1	cytoplasmic FMR1 interacting protein 1	-1,0

12807149	787471	LOC787471	similar to dual specificity phosphatase 22 (predicted)	-1,0
12849407	404180	MEST	mesoderm specific transcript homolog (mouse)	-1,0
12805585	514360	DSP	desmoplakin	-1,0
12723264	537652	TRPS1	trichorhinophalangeal syndrome I	-1,0
12884453	509006	LOC509006	similar to Mhc class I heavy chain	-1,0
12741695	100295712	LOC100295712	similar to tubulin, alpha 3c	-1,0
12883064	281036	CALR	calreticulin	-1,0
12832377	100296410	LOC100296410	hypothetical protein LOC100296410	-1,0
12696721	539770	DCP2	DCP2 decapping enzyme homolog (S. cerevisiae)	-1,0
12707518	540113	ATP6V1E2	ATPase, H ⁺ transporting, lysosomal 31kDa, V1 subunit E2	-1,0
12703017	618654	C11H9ORF116	chromosome 9 open reading frame 116 ortholog	-1,0
12882943	100337192	LOC100337192	G protein-coupled receptor 108-like	-1,0
12888957	100336702	LOC100336702	hypothetical protein LOC100336702	-1,0
12829848	505682	ANKRD13D	ankyrin repeat domain 13 family, member D	-1,0
12868668	618145	CCDC41	coiled-coil domain containing 41	-1,0
12811263	280796	FUS	fused in sarcoma	-1,0
12731526	508687	LOC508687	similar to olfactory receptor, family 52, subfamily D, member 1 (predicted)	-1,0
12782486	527943	MDH1B	malate dehydrogenase 1B, NAD (soluble)	-1,0
12725544	527366	FER1L6	fer-1-like 6 (C. elegans)	-1,0
12744115	540254	DGCR8	DiGeorge syndrome critical region gene 8	-1,0
12722051	506873	EIF3H	eukaryotic translation initiation factor 3, subunit H	-1,0
12889162	282071	SFTPC	surfactant protein C	-1,0
12864937	507581	MGC142702	hypothetical LOC507581	-1,0
12904449	523373	RNF219	ring finger protein 219	-1,0
12799517	527730	TMPPE	transmembrane protein with metallophosphoesterase domain	-1,0
12789974	513924	PSTPIP1	proline-serine-threonine phosphatase interacting protein 1	-1,0
12854278	518004	SFRP4	secreted frizzled-related protein 4	-1,0
12800326	613757	GORASP1	golgi reassembly stacking protein 1, 65kDa	-1,0
12743805	535099	MTMR3	myotubularin related protein 3	-1,0
12742265	507065	RBM19	RNA binding motif protein 19	-1,0
12746357	511933	TBC1D10A	TBC1 domain family, member 10A	-1,0
12739927	522406	B3GALT6	UDP-Gal:betaGal beta 1,3-galactosyltransferase polypeptide 6	-1,0
12799315	521196	RAF1	v-raf-1 murine leukemia viral oncogene homolog 1	-1,0
12818218	614681	ZG16	zymogen granule protein 16 homolog (rat)	-1,0
12884943	511749	LTC4S	leukotriene C4 synthase	-1,0
12708277	618190	LOC618190	hypothetical protein LOC618190	-1,0
12770526	515657	HEATR6	HEAT repeat containing 6	-1,0
12773652	788823	LOC788823	similar to nucleolar protein No55	-1,0
12863521	100295214	LOC100295214	similar to homeobox C9	-1,0
12827895	506917	HNRNPF	heterogeneous nuclear ribonucleoprotein F	-1,0
12856320	100140950	LOC100140950	similar to apolipoprotein L3	-1,0
12817206	524063	LOC524063	similar to Neuronal pentraxin-2 precursor (NP2) (Neuronal pentraxin II) (NP-II)	-1,0
12901174	540554	THEMIS	thymocyte selection associated	-1,0
12721290	785034	LOC785034	similar to chromosome 20 open reading frame 112	-1,0
12687454	788754	MGC152484	hypothetical protein LOC788754	-1,0
12794381	282024	TWF2	twinfilin, actin-binding protein, homolog 2 (Drosophila)	-1,0
12713095	783832	LOC783832	similar to dynein light chain 1	-1,0
12718901	509089	LOC509089	similar to hCG1785352	-1,0
12824708	100296581	LOC100296581	similar to beta-defensin 15	-1,0
12760825	281609	AIPL1	aryl hydrocarbon receptor interacting protein-like 1	-1,0
12772744	615144	LOC615144	hypothetical LOC615144	-1,0
12885382	514529	IL27RA	interleukin 27 receptor, alpha	-1,0
12823052	614519	MORN4	MORN repeat containing 4	-1,0

12697110	614959	SEL1L	sel-1 suppressor of lin-12-like (C. elegans)	-1,0
12818310	617258	CCL24	chemokine (C-C motif) ligand 24	-1,0
12887376	540403	LOC540403	hypothetical LOC540403	-1,0
12779467	617339	FBXO36	F-box protein 36	-1,0
12707162	537010	STRN	striatin, calmodulin binding protein	-1,0
12833855	515940	THRSP	thyroid hormone responsive (SPOT14 homolog, rat)	-1,0
12738390	100337372	LOC100337372	leucine zipper and CTNNBIP1 domain containing-like	-1,0
12829664	415111	MS4A8B	membrane-spanning 4-domains, subfamily A, member 8B	-1,0
12902115	100337308	LOC100337308	hypothetical protein LOC100337308	-1,0
12790277	522909	LOC522909	hypothetical protein LOC522909	-1,0
12810784	100124502	KCTD7	potassium channel tetramerisation domain containing 7	-1,0
12906085	783577	LOC783577	similar to 90-kDa heat shock protein beta	-1,0
12708301	618457	LOC618457	hypothetical protein LOC618457	-1,0
12816708	514735	LAT	linker for activation of T cells	-1,0
12803197	538814	NHLRC1	NHL repeat containing 1	-1,0
12699461	508874	PFN4	profilin family, member 4	-1,0
12810664	616033	NARS	asparaginyl-tRNA synthetase	-1,0
12895959	784234	KCNV2	potassium channel, subfamily V, member 2	-1,0
12707406	539143	TXNDC9	thioredoxin domain containing 9	-1,0
12910551	784871	ZBTB33	zinc finger and BTB domain containing 33	-1,0
12724433	505727	NOV	nephroblastoma overexpressed	-1,0
12789462	506314	IL16	interleukin 16 (lymphocyte chemoattractant factor)	-1,0
12759587	618411	LILRA4	leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 4	-1,0
12837541	509911	LOC509911	similar to solute carrier family 16, member 1 (monocarboxylic acid transporter 1)	-1,0
12868351	614844	LOC614844	similar to transmembrane protease, serine 6	-1,0
12726171	780981	LOC780981	hypothetical LOC780981	-1,0
12902894	281862	IL2RG	interleukin 2 receptor, gamma (severe combined immunodeficiency)	-1,0
12811942	507007	NUBP1	nucleotide binding protein 1 (MinD homolog, E. coli)	-1,0
12731299	506301	OTOG	otogelin	-1,0
12773755	789903	TTC19	tetratricopeptide repeat domain 19	-1,0
12897264	516917	SNAP91	synaptosomal-associated protein, 91kDa homolog (mouse)	-1,0
12880589	534369	ATP13A1	ATPase type 13A1	-1,0
12883192	281788	GNA11	guanine nucleotide binding protein (G protein), alpha 11 (Gq class)	-1,0
12864948	507934	TOB2	transducer of ERBB2, 2	-1,0
12751273	512578	KCTD15	potassium channel tetramerisation domain containing 15	-1,0
12759517	618259	CLDND2	claudin domain containing 2	-1,0
12848271	787675	ZNF687	zinc finger protein 687	-1,0
12772431	540285	LOC540285	similar to keratin associated protein 1-1	-1,0
12732668	531174	LOC531174	similar to olfactory receptor Olr154	-1,0
12891631	541008	PTK2B	PTK2B protein tyrosine kinase 2 beta	-1,0
12884519	509378	JSRP1	junctional sarcoplasmic reticulum protein 1	-1,0
12681827	538836	CLRN1	clarin 1	-1,0
12905848	616748	TRAPPC2	trafficking protein particle complex 2	-1,0
12733716	617763	LOC617763	similar to olfactory receptor, family 52, subfamily B, member 6 (predicted)	-1,0
12907420	504618	PPEF1	protein phosphatase, EF-hand calcium binding domain 1	-1,0
12901346	614884	SPACA1	sperm acrosome associated 1	-1,0
12822203	514213	OBFC1	oligonucleotide/oligosaccharide-binding fold containing 1	-1,0
12760024	788717	CXCL17	chemokine (C-X-C motif) ligand 17	-1,0
12682117	540784	C1H21ORF91	chromosome 21 open reading frame 91 ortholog	-1,0

12908839	523644	SHROOM2	shroom family member 2	-1,0
12694513	511032	HEATR4	HEAT repeat containing 4	-1,0
12754960	790881	ZNF829	zinc finger protein 829	-1,0
12864606	505280	USP5	ubiquitin specific peptidase 5 (isopeptidase T)	-1,0
12819923	520864	HIF1AN	hypoxia inducible factor 1, alpha subunit inhibitor	-1,0
12797458	783484	CNKSR3	CNKSR family member 3	-1,0
12832483	100335569	LOC100335569	hypothetical protein LOC100335569	-1,0
12906641	100336545	LOC100336545	hypothetical protein LOC100336545	-1,0
12902007	100125760	DPP7	dipeptidyl-peptidase 7	-1,0
12732336	520639	CLPB	ClpB caseinolytic peptidase B homolog (E. coli)	-1,0
12800263	613533	FLNB	filamin B, beta	-1,0
12777791	533675	LYPD1	LY6/PLAUR domain containing 1	-1,0
12882613	100125924	CTXN1	cortexin 1	-1,0
12847791	767882	HDLBP	high density lipoprotein binding protein	-1,0
12833441	510304	LOC510304	similar to nuclear factor related to kappaB binding protein	-1,0
12704547	507390	BCL2L11	BCL2-like 11 (apoptosis facilitator)	-1,0
12804399	280871	MUT	methylmalonyl Coenzyme A mutase	-1,0
12910228	615842	LOC615842	similar to AMME syndrome candidate gene 1 protein	-1,0
12728718	528508	LOC528508	similar to Protein deltex-4 (Deltex4) (RING finger protein 155)	-1,0
12864630	505313	CCT2	chaperonin containing TCP1, subunit 2 (beta)	-1,0
12793887	774027	MBIP	MAP3K12 binding inhibitory protein 1	-1,0
12786533	614028	NPM1	nucleophosmin (nucleolar phosphoprotein B23, numatrin)	-1,0
12843167	504519	CAP1	CAP, adenylate cyclase-associated protein 1 (yeast)	-1,0
12777981	535450	PUM1	pumilio homolog 1 (Drosophila)	-1,0
12772448	540455	LOC540455	hypothetical protein LOC540455	-1,0
12898542	539733	RWDD2A	RWD domain containing 2A	-1,0
12707220	537387	LOC537387	similar to collagen type 5 alpha 1	-1,0
12803287	540077	LOC540077	similar to p53-associated parkin-like cytoplasmic protein	-1,0
12680575	517759	CADM2	cell adhesion molecule 2	-1,0
12759947	786874	ZNF568	zinc finger protein 568	-1,0
12748513	100137841	ZNF114	zinc finger protein 114	-1,0
12890531	519494	VPS13A	vacuolar protein sorting 13 homolog A (S. cerevisiae)	-1,0
12804259	100300305	LOC100300305	similar to eukaryotic translation elongation factor 1 alpha 1	-1,0
12708737	100138474	LOC100138474	similar to LOC513111 protein	-1,0
12816364	511877	LOC511877	similar to Polyserase-3 precursor (Polyserine protease 3)	-1,0
12694189	508872	MGC139126	hypothetical LOC508872	-1,0
12773127	618605	SPHK1	sphingosine kinase 1	-1,0
12787006	282331	PTGER4	prostaglandin E receptor 4 (subtype EP4)	-1,0
12893958	517040	GABBR2	gamma-aminobutyric acid (GABA) B receptor, 2	-1,0
12720275	532606	TASP1	taspase, threonine aspartase, 1	-1,0
12696932	541141	BMF	Bcl2 modifying factor	-1,0
12732418	522980	USP2	ubiquitin specific peptidase 2	-1,0
12786390	540404	PRKAA1	protein kinase, AMP-activated, alpha 1 catalytic subunit	-1,0
12835702	100337229	LOC100337229	mCG120027-like	-1,0
12906735	100336887	LOC100336887	DDB1 and CUL4 associated factor 12-like 2-like	-1,0
12909762	539360	CAPN6	calpain 6	-1,0
12851723	613498	GSTK1	glutathione S-transferase kappa 1	-1,0
12710225	535190	TRIM13	tripartite motif-containing 13	-1,0
12910444	781765	EGFL6	EGF-like-domain, multiple 6	-1,0
12744474	615429	SRRD	SRR1 domain containing	-1,0
12766882	100336833	LOC100336833	AP-2 complex subunit beta-like	-1,0

12910213	615711	TAF7L	TAF7-like RNA polymerase II, TATA box binding protein (TBP)-associated factor, 50kDa	-1,0
12737427	616546	LOC616546	similar to Kinesin-Like Protein family member (klp-6)	-1,0
12729963	615824	LOC615824	similar to olfactory receptor MOR185-2	-1,0
12725318	515385	FABP9	fatty acid binding protein 9, testis	-1,0
12873658	506277	LOC506277	hypothetical protein LOC506277	-1,0
12783523	538771	KIF5C	kinesin family member 5C	-1,0
12776686	515744	FASTKD1	FAST kinase domains 1	-1,0
12798718	508356	ITIH1	inter-alpha (globulin) inhibitor H1	-1,0
12687801	100313270	MIR685	microRNA mir-685	-1,0
12678186	100138338	LOC100138338	similar to hCG1657343	-1,0
12699114	505763	MPV17	MpV17 mitochondrial inner membrane protein	-1,0
12738164	100336534	LOC100336534	hypothetical protein LOC100336534	-1,0
12797716	100138572	LOC100138572	similar to N-acetyltransferase 6	-1,0
12756602	508900	IST1	KIAA0174	-1,0
12681726	537669	BTD	biotinidase	-1,0
12724789	510225	GRINA	glutamate receptor, ionotropic, N-methyl D-aspartate-associated protein 1 (glutamate binding)	-1,0
12708195	617988	TMEM87B	transmembrane protein 87B	-1,0
12775426	506291	MFF	mitochondrial fission factor	-1,0
12786918	280968	TPPP	tubulin polymerization promoting protein	-1,0
12843583	506895	HAX1	HCLS1 associated protein X-1	-1,0
12731035	369019	XRRA1	X-ray radiation resistance associated 1	-1,0
12763607	521064	CENPV	centromere protein V	-1,0
12889077	281236	IFNAC	IFN-alpha C	-1,0
12836223	404138	PFDN2	prefoldin subunit 2	-1,0
12697905	100125320	LOC100125320	hypothetical protein LOC100125320	-1,0
12724109	280706	TG	thyroglobulin	-1,0
12712642	540543	ARGLU1	arginine and glutamate rich 1	-1,0
12705675	514187	THADA	thyroid adenoma associated	-1,0
12796635	538625	PSMD6	proteasome (prosome, macropain) 26S subunit, non-ATPase, 6	-1,0
12801362	505520	MUTED	muted homolog (mouse)	-1,0
12801856	513431	EXOC2	exocyst complex component 2	-1,0
12694210	508888	PLCB2	phospholipase C, beta 2	-1,0
12884717	510378	TMEM161B	transmembrane protein 161B	-1,0
12852253	767911	TMEM60	transmembrane protein 60	-1,0
12908402	515927	CXHXORF15	chromosome X open reading frame 15 ortholog	-1,0
12797027	616410	LOC616410	similar to Actin-87E	-1,0
12689185	513711	RBM23	RNA binding motif protein 23	-1,0
12827687	281433	PSAP	prosaposin	-1,0
12748119	615846	CHCHD10	coiled-coil-helix-coiled-coil-helix domain containing 10	-1,0
12869482	100138550	FIP1L1	FIP1 like 1 (S. cerevisiae)	-1,0
12836948	506231	BCAR3	breast cancer anti-estrogen resistance 3	-1,0
12794032	788861	RPS17	ribosomal protein S17	-1,0
12699870	513629	UNC50	unc-50 homolog (C. elegans)	-1,0
12817072	520564	LITAF	lipopolysaccharide-induced TNF factor	-1,0
12751739	515269	SPG7	spastic paraplegia 7 (pure and complicated autosomal recessive)	-1,0
12830378	511138	LOC511138	hypothetical LOC511138	-1,0
12831116	524173	LOC524173	similar to pregnancy-associated glycoprotein 4	-1,0
12893396	511202	SECISBP2	SECIS binding protein 2	-1,0
12784823	100294977	LOC100294977	hypothetical protein LOC100294977	-1,0
12809550	511224	NFATC1	nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 1	-1,0
12684174	509437	RSRC1	arginine/serine-rich coiled-coil 1	-1,0
12879843	524624	PDE4C	phosphodiesterase 4C, cAMP-specific (phosphodiesterase E1 dunce homolog, Drosophila)	-1,0
12730570	100313135	MIR2314	microRNA mir-2314	-1,0

12853479	505771	PEX1	peroxisomal biogenesis factor 1	-1,0
12791308	768076	MGC137894	hypothetical protein MGC137894	-1,0
12783964	541247	RIF1	RAP1 interacting factor homolog (yeast)	-1,0
12861406	537395	DDX23	DEAD (Asp-Glu-Ala-Asp) box polypeptide 23	-1,0
12685933	535725	LRRC58	leucine rich repeat containing 58	-1,0
12827180	618139	LOC618139	similar to olfactory receptor 212	-1,0
12798867	511008	EDEM1	ER degradation enhancer, mannosidase alpha-like 1	-1,0
12872493	616367	EMCN	endomucin	-1,0
12749927	504530	PLEKHG2	pleckstrin homology domain containing, family G (with RhoGef domain) member 2	-1,0
12819558	513278	NOLC1	nucleolar and coiled-body phosphoprotein 1	-1,0
12730408	788037	LOC788037	similar to olfactory receptor Olr152	-1,0
12863639	100313208	MIR2424-1	microRNA mir-2424-1	-1,0
12748599	100138954	LOC100138954	similar to ozf	-1,0
12685769	534568	KCNMB2	potassium large conductance calcium-activated channel, subfamily M, beta member 2	-1,0
12857440	404058	KLRK1	killer cell lectin-like receptor subfamily K, member 1	-1,0
12808525	538969	ZNF24	zinc finger protein 24	-1,0
12890802	527643	TESK1	testis-specific kinase 1	-1,0
12796682	539003	CTNNB1	catenin (cadherin-associated protein), beta 1, 88kDa	-1,0
12805437	512631	SRPK1	SFRS protein kinase 1	-1,0
12852617	100140607	LOC100140607	hypothetical protein LOC100140607	-1,0
12815806	506622	TMEM219	transmembrane protein 219	-1,0
12789781	511413	ZFYVE21	zinc finger, FYVE domain containing 21	-1,0
12696726	539899	RYR3	ryanodine receptor 3	-1,0
12777025	523490	SPEG	SPEG complex locus	-1,0
12869582	100300032	LOC100300032	hypothetical protein LOC100300032	-1,0
12770208	513967	ALDH3A2	aldehyde dehydrogenase 3 family, member A2	-1,0
12755625	280692	HP	haptoglobin	-1,0
12695520	526364	PLA2G4E	phospholipase A2, group IVE	-1,0
12685607	532832	LOC532832	hypothetical LOC532832	-1,0
12756147	504464	RINL	Ras and Rab interactor-like	-1,0
12890428	516258	RG9MTD3	RNA (guanine-9-) methyltransferase domain containing 3	-1,0
12892474	100313372	MIR32	microRNA mir-32	-1,0
12888059	618753	RNF187	ring finger protein 187	-1,0
12794454	338049	RHOA	ras homolog gene family, member A	-1,0
12845203	520918	SLC35A3	solute carrier family 35 (UDP-N-acetylglucosamine (UDP-GlcNAc) transporter), member A3	-1,0
12901517	782657	LOC782657	hypothetical protein LOC782657	-1,0
12901609	788043	INPP5F	inositol polyphosphate-5-phosphatase F	-1,0
12759286	616329	ZNF606	zinc finger protein 606	-1,0
12905589	613505	GPR143	G protein-coupled receptor 143	-1,0
12687540	100137087	JMJD7	jumonji domain containing 7	-1,0
12709937	526424	LNX2	ligand of numb-protein X 2	-1,0
12751954	517970	ZNF283	zinc finger protein 283	-1,0
12762261	508531	MLX	MAX-like protein X	-1,0
12873633	505603	RPL34	ribosomal protein L34	-1,0
12733011	538618	ENDOD1	endonuclease domain containing 1	-1,0
12901926	100337205	LOC100337205	interferon-induced transmembrane protein 3 (1-8U)-like	-1,0
12803356	540190	HSPA1L	heat shock 70kDa protein 1-like	-1,0
12752780	532896	IRX5	iroquois homeobox 5	-1,0
12804800	504336	DAXX	death-domain associated protein	-1,0
12842139	100137903	LOC100137903	similar to NBPF5 protein	-1,0
12713533	280728	AVP	arginine vasopressin	-1,0
12855433	539313	UBE2H	ubiquitin-conjugating enzyme E2H (UBC8 homolog, yeast)	-1,0
12810111	529902	DSG3	desmoglein 3 (pemphigus vulgaris antigen)	-1,0
12743614	534073	EWSR1	Ewing sarcoma breakpoint region 1	-1,0

12829890	506083	RPS6KB2	ribosomal protein S6 kinase, 70kDa, polypeptide 2	-1,0
12726941	407151	TRPC6	transient receptor potential cation channel, subfamily C, member 6	-1,0
12871600	533256	UNC5C	unc-5 homolog C (C. elegans)	-1,0
12838674	516919	PSMB2	proteasome (prosome, macropain) subunit, beta type, 2	-1,0
12731200	505423	LGR4	leucine-rich repeat-containing G protein-coupled receptor 4	-1,0
12802426	525414	LOC525414	similar to dynein, axonemal, heavy chain 8	-1,0
12710994	100297762	LOC100297762	hypothetical protein LOC100297762	-1,0
12734932	504716	AHCTF1	AT hook containing transcription factor 1	-1,0
12749385	282002	PRKCG	protein kinase C, gamma	-1,0
12822779	534925	METTL10	similar to methyltransferase like 10	-1,0
12729374	537907	ST5	suppression of tumorigenicity 5	-1,0
12817505	528479	PRSS21	protease, serine, 21 (testisin)	-1,0
12747925	613357	ERP29	endoplasmic reticulum protein 29	-1,0
12681427	533760	GRIK1	glutamate receptor, ionotropic, kainate 1	-1,0
12692893	100140640	LOC100140640	hypothetical protein LOC100140640	-1,0
12740218	533192	RPS6KC1	ribosomal protein S6 kinase, 52kDa, polypeptide 1	-1,0
12797019	616217	RYBP	RING1 and YY1 binding protein	-1,0
12826094	509488	SEC24C	SEC24 family, member C (S. cerevisiae)	-1,0
12897543	524306	FAM120B	family with sequence similarity 120B	-1,0
12814556	787289	LOC787289	similar to Heterogeneous nuclear ribonucleoprotein A1 (Helix-destabilizing protein) (Single-strand RNA-binding protein) (hnRNP core protein A1)	-1,0
12767646	317663	CYB561	cytochrome b-561	-1,0
12732619	530000	OSBP	oxysterol binding protein	-1,0
12863939	281181	GAPDH	glyceraldehyde-3-phosphate dehydrogenase	-1,0
12713011	618507	LOC618507	similar to DCN1, defective in cullin neddylation 1, domain containing 2	-1,0
12788231	540642	FBXW11	F-box and WD repeat domain containing 11	-1,0
12773661	788909	KRT10	keratin 10 (epidermolytic hyperkeratosis; keratosis palmaris et plantaris)	-1,0
12769147	509296	GSDMB	gasdermin B	-1,0
12857721	493637	LYSB	intestinal lysozyme	-1,0
12764456	534280	RARA	retinoic acid receptor, alpha	-1,0
12748902	100296502	LOC100296502	similar to zinc finger protein 347	-1,0
12842356	100296489	LOC100296489	hypothetical protein LOC100296489	-1,0
12859605	515025	BIN2	bridging integrator 2	-1,0
12707797	613578	UBXN2A	UBX domain protein 2A	-1,0
12874397	518834	UBA6	ubiquitin-like modifier activating enzyme 6	-1,0
12783685	539432	EPC2	enhancer of polycomb homolog 2 (Drosophila)	-1,0
12872833	100140928	LOC100140928	hypothetical protein LOC100140928	-1,0
12873608	505126	AIMP1	aminoacyl tRNA synthetase complex-interacting multifunctional protein 1	-1,0
12799015	514596	MTMR14	myotubularin related protein 14	-1,0
12840292	537087	GBA	glucosidase, beta, acid	-1,0
12760168	790091	DMWD	dystrophia myotonica, WD repeat containing	-1,0
12694267	509039	TCF12	transcription factor 12	-1,0
12744994	100138353	FNIP2	folliculin interacting protein 2	-1,0
12825639	784326	UBE2E2	ubiquitin-conjugating enzyme E2E 2 (UBC4/5 homolog, yeast)	-1,0
12771865	535623	RHBDL3	rhomboid, veinlet-like 3 (Drosophila)	-1,0
12751524	514202	PRMT7	protein arginine methyltransferase 7	-1,0
12769888	512841	CRK	v-crk sarcoma virus CT10 oncogene homolog (avian)	-1,0
12797100	616861	SHISA5	shisa homolog 5 (Xenopus laevis)	-1,0
12770131	513544	SAP30BP	SAP30 binding protein	-1,0
12830931	517933	NAA40	N(alpha)-acetyltransferase 40, NatD catalytic subunit, homolog (S. cerevisiae)	-1,0
12868924	768234	CSNK1E	casein kinase 1, epsilon	-1,0

12695278	521563	LOC521563	similar to T-cell receptor alpha chain	-1,0
12714836	512734	STAM	signal transducing adaptor molecule (SH3 domain and ITAM motif) 1	-1,0
12730365	785406	LOC785406	similar to olfactory receptor 1039	-1,0
12862637	618784	TBC1D22A	TBC1 domain family, member 22A	-1,0
12855706	613798	C4H7orf53	chromosome 7 open reading frame 53 ortholog	-1,0
12834259	528169	PANX1	similar to Pannexin-1	-1,0
12853573	506914	TSGA14	testis specific, 14	-1,0
12858052	506240	PRIM1	primase, DNA, polypeptide 1 (49kDa)	-1,0
12695759	529761	TMED10	transmembrane emp24-like trafficking protein 10 (yeast)	-1,0
12855578	540891	CNOT4	CCR4-NOT transcription complex, subunit 4	-1,0
12693547	282090	THTPA	thiamine triphosphatase	-1,0
12698798	404164	ST3GAL5	ST3 beta-galactoside alpha-2,3-sialyltransferase 5	-1,0
12900136	513537	ALDH8A1	aldehyde dehydrogenase 8 family, member A1	-1,0
12806868	618052	LOC618052	similar to olfactory receptor Olr1694	-1,0
12905924	618600	MGC134232	hypothetical LOC618600	-1,0
12804771	504334	RGL2	ral guanine nucleotide dissociation stimulator-like 2	-1,0
12824119	523361	MGC133696	hypothetical LOC523361	-1,0
12903634	510362	LOC510362	similar to Zinc finger X-linked protein ZXDB	-1,0
12682021	540525	GTF2E1	general transcription factor IIE, polypeptide 1, alpha 56kDa	-1,0
12769792	511999	SHPK	sedoheptulokinase	-1,0
12794342	281295	MAP4	microtubule-associated protein 4	-1,0
12843393	505860	SLC25A44	solute carrier family 25, member 44	-1,0
12759391	617311	MEIS3	similar to Meis1, myeloid ecotropic viral integration site 1 homolog 3	-1,0
12750465	508441	CD33	CD33 molecule	-1,0
12823344	100138350	ASH2L	ash2 (absent, small, or homeotic)-like (Drosophila)	-1,0
12726582	100337362	LOC100337362	olfactory receptor 78-like	-1,0
12856009	617268	FAM131B	family with sequence similarity 131, member B	-1,0
12824697	100295940	LOC100295940	similar to defensin, beta 103A	-1,0
12858861	510453	ZBTB39	zinc finger and BTB domain containing 39	-1,0
12793030	529905	KLHL25	kelch-like 25 (Drosophila)	-1,0
12783344	536181	UBXN4	UBX domain protein 4	-1,0
12695374	523049	LOC523049	similar to pancreatic potassium channel TALK-1b	-1,0
12825997	504993	NUDT13	nudix (nucleoside diphosphate linked moiety X)-type motif 13	-1,0
12743116	524279	LRBA	LPS-responsive vesicle trafficking, beach and anchor containing	-1,0
12721391	789034	LOC789034	hypothetical LOC789034	-1,0
12841918	787530	CNN3	calponin 3, acidic	-1,0
12909071	530513	LOC530513	similar to fibronectin type III domain containing 1	-1,0
12827195	780878	PHYHIPL	phytanoyl-CoA 2-hydroxylase interacting protein-like	-1,0
12752439	526370	LENG8	leukocyte receptor cluster (LRC) member 8	-1,0
12823426	100336328	LOC100336328	hypothetical protein LOC100336328	-1,0
12883326	282320	PPP2CA	protein phosphatase 2 (formerly 2A), catalytic subunit, alpha isoform	-1,0
12843997	509965	CMPK1	cytidine monophosphate (UMP-CMP) kinase 1, cytosolic	-1,0
12776719	516199	CTDSP1	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase 1	-1,0
12885029	512330	RBM22	RNA binding motif protein 22	-1,0
12788289	613327	RGS7BP	regulator of G-protein signaling 7 binding protein	-1,0
12786127	534427	EGFLAM	EGF-like, fibronectin type III and laminin G domains	-1,0
12773602	788727	LOC788727	similar to keratin	-1,0
12885490	515542	ZCCHC10	zinc finger, CCHC domain containing 10	-1,0
12889202	282700	PNN	pinin, desmosome associated protein	-1,0
12806911	618733	TAP2	transporter 2, ATP-binding cassette, sub-family B (MDR/TAP)	-1,0

12766578	100138930	LOC100138930	hypothetical LOC100138930	-1,0
12705950	516422	ADRA2B	adrenergic, alpha-2B-, receptor	-1,0
12855403	538888	RNF148	ring finger protein 148	-1,0
12756934	512261	TRAPPC6A	trafficking protein particle complex 6A	-1,0
12785106	281935	MYO10	myosin X	-1,0
12696452	538401	ARSB	arylsulfatase B	-1,0
12727508	511082	ACAT1	acetyl-Coenzyme A acetyltransferase 1	-1,0
12902371	100295377	LOC100295377	hypothetical protein LOC100295377	-1,0
12760200	790276	LOC790276	similar to Zinc finger protein 418	-1,0
12849542	505204	ANKIB1	ankyrin repeat and IBR domain containing 1	-1,0
12895388	616784	SSBIP1	SOSS complex subunit C	-1,0
12835647	100336476	LOC100336476	colony stimulating factor 2 receptor alpha chain-like	-1,0
12881676	614762	LOC614762	similar to Olfactory receptor 2G3 (Olfactory receptor OR1-33)	-1,0
12708001	615501	SH3RF3	SH3 domain containing ring finger 3	-1,0
12767774	404159	TXNDC17	thioredoxin domain containing 17	-1,0
12795583	514526	KBTBD5	kelch repeat and BTB (POZ) domain containing 5	-1,0
12888608	791052	MIR24-2	microRNA mir-24-2	-1,0
12764558	535310	FKBP10	FK506 binding protein 10, 65 kDa	-1,0
12746214	510704	ARHGAP10	Rho GTPase activating protein 10	-1,0
12823853	511614	AGPAT6	1-acylglycerol-3-phosphate O-acyltransferase 6 (lysophosphatidic acid acyltransferase, zeta)	-1,0
12801417	506612	DTNBP1	dystrobrevin binding protein 1	-1,0
12733833	782865	LOC782865	similar to olfactory receptor Olfr467	-1,0
12881133	539568	LOC539568	similar to olfactory receptor, family 2, subfamily M, member 4	-1,0
12721680	282609	DGAT1	diacylglycerol O-acyltransferase homolog 1 (mouse)	-1,0
12810638	615106	ENOSF1	enolase superfamily member 1	-1,0
12686334	539639	SEN2	SUMO1/sentrin/SMT3 specific peptidase 2	-1,0
12883595	408017	INSR	insulin receptor	-1,0
12831992	618199	PEX11A	peroxisomal biogenesis factor 11A	-1,0
12836058	282379	TAGLN2	transgelin 2	-1,0
12908645	520800	TFE3	transcription factor binding to IGHM enhancer 3	-1,0
12772767	615432	DUSP3	dual specificity phosphatase 3	-1,0
12768891	508497	FTSJ3	FtsJ homolog 3 (E. coli)	-1,0
12765676	618343	C19H17orf62	chromosome 17 open reading frame 62 ortholog	-1,0
12716760	540393	ARHGAP12	Rho GTPase activating protein 12	-1,0
12845155	520216	LOC520216	similar to Ki antigen	-1,0
12889473	506175	NAA35	N(alpha)-acetyltransferase 35, NatC auxiliary subunit	-1,0
12739813	519896	RFWD2	ring finger and WD repeat domain 2	-1,0
12790899	538768	C14orf28	chromosome 14 open reading frame 28 ortholog	-1,0
12877056	282270	LEAP2	liver expressed antimicrobial peptide 2	-1,0
12736315	525072	PLA2G4A	phospholipase A2, group IVA (cytosolic, calcium-dependent)	-1,0
12752052	519808	SUPT5H	suppressor of Ty 5 homolog (S. cerevisiae)	-1,0
12678433	100337155	LOC100337155	hypothetical protein LOC100337155	-1,0
12791047	606738	PEG11AS	PEG11 antisense RNA	-1,0
12735081	506103	UBE2J2	ubiquitin-conjugating enzyme E2, J2 (UBC6 homolog, yeast)	-1,0
12738110	100300920	LOC100300920	hypothetical protein LOC100300920	-1,0
12786013	531359	GOLPH3	golgi phosphoprotein 3 (coat-protein)	-1,0
12752062	520180	LOC520180	similar to olfactory receptor Olr4	-1,0
12885681	520376	ELAVL3	ELAV (embryonic lethal, abnormal vision, Drosophila)-like 3 (Hu antigen C)	-1,0
12797742	100296443	RBM6	RNA binding motif protein 6	-1,0
12731417	507029	LOC507029	similar to olfactory receptor, family 52, subfamily E, member 4	-1,0
12700130	515742	TMEM150A	transmembrane protein 150A	-1,0
12868116	540702	C3AR1	complement component 3a receptor 1	-1,0

12838088	513152	RHOC	ras homolog gene family, member C	-1,0
12699692	511045	DCTN1	dynactin 1 (p150, glued homolog, Drosophila)	-1,0
12711681	510084	ANKRD10	ankyrin repeat domain 10	-1,0
12888846	100313086	MIR876	microRNA mir-876	-1,0
12862702	751803	LOC751803	WC1 isolate CH196	-1,0
12798965	514160	RNF123	ring finger protein 123	-1,0
12732182	515790	LOC515790	similar to olfactory receptor 1257	-1,0
12723796	785123	ZBTB10	zinc finger and BTB domain containing 10	-1,0
12825359	535350	C27H8ORF41	chromosome 8 open reading frame 41 ortholog	-1,0
12901472	777592	LOC777592	hypothetical protein LOC777592	-1,0
12738831	505371	TRAF3IP3	TRAF3 interacting protein 3	-1,0
12825723	100313429	MIR2402	microRNA mir-2402	-1,0
12824342	533736	NGLY1	N-glycanase 1	-1,0
12826998	613629	SIRT1	sirtuin (silent mating type information regulation 2 homolog) 1 (S. cerevisiae)	-1,0
12783828	540374	GMEB1	glucocorticoid modulatory element binding protein 1	-1,0
12727797	513681	LOC513681	similar to olfactory receptor 554	-1,0
12715935	527964	PARD3	par-3 partitioning defective 3 homolog (C. elegans)	-1,0
12855395	538837	GPR141	G protein-coupled receptor 141	-1,0
12813505	533109	TYW1	tRNA-yW synthesizing protein 1 homolog (S. cerevisiae)	-1,0
12835619	100313293	MIR1940	microRNA mir-1940	-1,0
12821802	507739	PCGF6	polycomb group ring finger 6	-1,0
12797386	782021	LOC782021	similar to 60S ribosomal protein L21	-1,0
12835497	100295148	LOC100295148	hypothetical protein LOC100295148	-1,0
12764527	534750	VPS25	vacuolar protein sorting 25 homolog (S. cerevisiae)	-1,0
12852663	100296627	LOC100296627	similar to ATP-binding cassette, subfamily B, member 4	-1,0
12753922	617489	LOC617489	hypothetical protein LOC617489	-1,0
12719786	521427	WFDC8	WAP four-disulfide core domain 8	-1,0
12754987	100124497	LOC100124497	hypothetical protein LOC100124497	-1,0
12794202	100297257	LOC100297257	similar to thymosin, beta 4	-1,0
12899519	282380	DYNLT1	TCTEL1 protein	-1,0
12750807	510245	PPP5C	protein phosphatase 5, catalytic subunit	-1,0
12687016	617142	HSF2BP	heat shock transcription factor 2 binding protein	-1,0
12815561	505453	CREBBP	CREB binding protein	-1,0
12853689	508319	SRI	sorcin	-1,0
12812624	515377	CARD11	caspase recruitment domain family, member 11	-1,0
12692850	100138828	LOC100138828	similar to Uncharacterized protein C14orf102 homolog	-1,0
12724904	511847	CSF2RA	similar to Granulocyte-macrophage colony-stimulating factor receptor alpha chain precursor (GM-CSF-R-alpha) (GMR) (CD116 antigen) (CDw116)	-1,0
12870811	511397	ZCCHC4	zinc finger, CCHC domain containing 4	-1,0
12768215	505846	UTP18	UTP18, small subunit (SSU) processome component, homolog (yeast)	-1,0
12767405	282028	RAB34	RAB34, member RAS oncogene family	-1,0
12892163	785403	LOC785403	similar to Cytochrome P450 1A1 (CYPIA1) (P450-P1)	-1,0
12906202	786430	LOC786430	similar to ribosomal protein L23a	-1,0
12869612	100300832	LOC100300832	similar to ribosomal protein L23a	-1,0
12841637	781710	LOC781710	hypothetical protein LOC781710	-1,0
12698474	281565	UGP2	UDP-glucose pyrophosphorylase 2	-1,0
12754082	618159	DMKN	dermokine	-1,0
12809133	281020	BCL2	B-cell CLL/lymphoma 2	-1,0
12857986	506043	FKBP11	FK506 binding protein 11, 19 kDa	-1,0
12883237	281967	PCSK1	proprotein convertase subtilisin/kexin type 1	-1,0
12853698	508613	MGC140754	hypothetical LOC508613	-1,0
12807020	781275	MGC151586	similar to chromosome 6 open reading frame 26	-1,0
12860468	526444	CASC1	cancer susceptibility candidate 1	-1,0
12855814	615509	MGC151975	UPF0526 protein	-1,0
12799198	517831	KLHL18	kelch-like 18 (Drosophila)	-1,0

12876361	100296331	LOC100296331	similar to nuclear receptor subfamily 2, group F, member 6	-1,0
12751019	511048	RUVBL2	RuvB-like 2 (E. coli)	-1,0
12819386	509093	TBC1D12	TBC1 domain family, member 12	-1,0
12706596	529516	LOC529516	similar to olfactory receptor Olr421	-1,0
12872527	617247	1-Mar	membrane-associated ring finger (C3HC4) 1	-1,0
12844303	512153	MTERFD2	MTERF domain containing 2	-1,0
12806860	617928	BTN2A2	butyrophilin, subfamily 2, member A2	-1,0
12705470	512355	TRAF2	similar to TNF receptor-associated factor 2	-1,0
12815965	507689	EIF2AK1	eukaryotic translation initiation factor 2-alpha kinase 1	-1,0
12841517	618307	LOC618307	similar to Histone H3-like centromeric protein A (Centromere protein A) (CENP-A)	-1,0
12868212	541051	TBC1D30	TBC1 domain family, member 30	-1,0
12898795	613678	LOC613678	similar to cleavage stimulation factor subunit 3	-1,0
12697491	767903	ATG12	ATG12 autophagy related 12 homolog (S. cerevisiae)	-1,0
12714218	506205	MGC138976	hypothetical LOC506205	-1,0
12810714	768079	IER3IP1	immediate early response 3 interacting protein 1	-1,0
12766056	788092	LOC788092	similar to dynein, axonemal, heavy chain 17	-1,0
12906652	100336560	LOC100336560	Wiskott-Aldrich syndrome protein-like	-1,0
12702504	614013	MRRF	mitochondrial ribosome recycling factor	-1,0
12845778	528741	KCNQ4	potassium voltage-gated channel, KQT-like subfamily, member 4	-1,0
12869527	100139447	LOC100139447	hypothetical protein LOC100139447	-1,0
12723741	782848	KIAA1429	hypothetical protein LOC782848	-1,0
12891437	538620	LOC538620	similar to interferon alpha H	-1,0
12795827	518758	SLC25A20	solute carrier family 25 (carnitine/acylcarnitine translocase), member 20	-1,0
12692254	781073	JPH4	junctophilin 4	-1,0
12837947	512237	PER2	period homolog 2 (Drosophila)	-1,0
12777830	534223	SCN3A	sodium channel, voltage-gated, type III, alpha subunit	-1,0
12787429	513600	RAD17	RAD17 homolog (S. pombe)	-1,0
12748950	100299025	LOC100299025	similar to zinc finger protein 587	-1,0
12867283	535188	CARD10	caspase recruitment domain family, member 10	-1,0
12833391	509559	TSSC4	tumor suppressing subtransferable candidate 4	-1,0
12771254	527669	SLC25A35	solute carrier family 25, member 35	-1,0
12784276	615480	SLC35F5	solute carrier family 35, member F5	-1,0
12847143	541044	RBM15	RNA binding motif protein 15	-1,0
12902297	100140251	BEND2	BEN domain containing 2	-1,0
12752519	528348	CCDC113	coiled-coil domain containing 113	-1,0
12834357	532018	TMEM86A	transmembrane protein 86A	-1,0
12707638	540861	TMEM131	transmembrane protein 131	-1,0
12763739	523344	ERAL1	Era G-protein-like 1 (E. coli)	-1,0
12741622	100126047	NUDT6	nudix (nucleoside diphosphate linked moiety X)-type motif 6	-1,0
12852059	617031	GALNTL5	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetyl-galactosaminyltransferase-like 5	-1,0
12793833	617726	LOC617726	similar to mCG13840	-1,0
12813717	538941	LOC538941	similar to olfactory receptor, family 1, subfamily F, member 1	-1,0
12806923	618855	NUDT3	nudix (nucleoside diphosphate linked moiety X)-type motif 3	-1,0
12697027	613696	PLEKHO2	pleckstrin homology domain containing, family O member 2	-1,0
12727130	506507	CLP1	CLP1, cleavage and polyadenylation factor I subunit, homolog (S. cerevisiae)	-1,0
12731239	505518	PLET1	placenta-expressed transcript 1 protein	-1,0
12899525	282853	FUT9	fucosyltransferase 9 (alpha (1,3) fucosyltransferase)	-1,0
12770083	513461	PSMD11	proteasome (prosome, macropain) 26S subunit, non-ATPase, 11	-1,0

12802652	531018	PAQR8	progesterone and adiponectin receptor family member VIII	-1,0
12725971	613879	MED30	mediator complex subunit 30	-1,0
12908168	512562	MAGED1	melanoma antigen family D, 1	-1,0
12874503	522338	MRFAP1	Mof4 family associated protein 1	-1,0
12840165	535545	SPAG17	sperm associated antigen 17	-1,0
12824586	783416	WDR17	WD repeat domain 17	-1,0
12907714	508727	VBP1	von Hippel-Lindau binding protein 1	-1,0
12897282	517422	REV3L	REV3-like, catalytic subunit of DNA polymerase zeta (yeast)	-1,0
12851669	540464	NEUROD6	neurogenic differentiation 6	-1,0
12688575	507512	OSGEP	O-sialoglycoprotein endopeptidase	-1,0
12720508	534917	KIAA0406	hypothetical protein LOC534917	-1,0
12797682	789829	LOC789829	similar to Sorting nexin 5	-1,0
12685923	535716	SCHIP1	schwannomin interacting protein 1	-1,0
12697766	786279	MLH3	similar to mutL homolog 3 (E. coli)	-1,0
12903165	407157	AGTR2	angiotensin II receptor, type 2	-1,0
12717355	782950	LOC782950	similar to Protein yippee-like 5	-1,0
12844675	514185	AMPD2	adenosine monophosphate deaminase 2 (isoform L)	-1,0
12873718	507385	ZBTB49	zinc finger and BTB domain containing 49	-1,0
12783133	535440	HERC2	hect domain and RLD 2	-1,0
12839480	530184	SSBP3	single stranded DNA binding protein 3	-1,0
12900821	532191	OLIG3	oligodendrocyte transcription factor 3	-1,0
12806640	613924	GCNT2	glucosaminyl (N-acetyl) transferase 2, I-branching enzyme (I blood group)	-1,0
12815112	280781	ELN	elastin	-1,0
12779743	789054	SESTD1	SEC14 and spectrin domains 1	-1,0
12727431	510498	SBF2	SET binding factor 2	-1,0
12840580	538995	ETV3	ets variant 3	-1,0
12846863	539195	HMGB4	high-mobility group box 4	-1,0
12857488	407122	CSNK1D	casein kinase 1, delta	-1,0
12799422	524085	SLC41A3	solute carrier family 41, member 3	-1,0
12760102	789218	LOC789218	similar to hypoxanthine phosphoribosyltransferase 1	-1,0
12719185	513536	C13H20ORF43	chromosome 20 open reading frame 43 ortholog	-1,0
12791488	100295700	LOC100295700	similar to myeloid-associated differentiation marker	-1,0
12802233	517666	TRIM31	tripartite motif-containing 31	-1,0
12842519	100337374	LOC100337374	period circadian protein homolog 2-like	-1,0
12864593	505250	LOC505250	similar to hCG2044662	-1,0
12897378	518886	LOC518886	hypothetical LOC518886	-1,0
12712868	615666	MRP63	mitochondrial ribosomal protein 63	-1,0
12862594	618379	DNAL4	dynein, axonemal, light chain 4	-1,0
12755921	286844	PDPR	pyruvate dehydrogenase phosphatase regulatory subunit	-1,0
12837363	508386	CD48	CD48 molecule	-1,0
12730689	100337344	LOC100337344	hypothetical protein LOC100337344	-1,0
12792357	512369	STARD4	StAR-related lipid transfer (START) domain containing 4	-1,0
12903510	508165	RPL36A	ribosomal protein L36a	-1,0
12709644	513822	LOC513822	similar to RIKEN cDNA 4832428D23	-1,0
12791439	791058	MIR342	microRNA mir-342	-1,0
12811253	100336985	LOC100336985	TECPR1 protein-like	-1,0
12890911	529698	INVS	inversin	-1,0
12888525	788617	LOC788617	similar to olfactory receptor Olfr1385	-1,0
12824044	515895	C27H8orf40	chromosome 8 open reading frame 40 ortholog	-1,0
12708778	100298398	LOC100298398	similar to CG14709	-1,0
12815032	100313184	MIR2388	microRNA mir-2388	-1,0
12838386	514207	SNED1	sushi, nidogen and EGF-like domains 1	-1,0
12792177	509111	TP53BP1	tumor protein p53 binding protein 1	-1,0
12883560	407190	CSNK1G3	casein kinase 1, gamma 3	-1,0
12842451	100313202	MIR2416	microRNA mir-2416	-1,0

12868652	617924	BAIAP2L2	BAI1-associated protein 2-like 2	-1,0
12721126	768207	SS18L1	synovial sarcoma translocation gene on chromosome 18-like 1	-1,0
12790526	530121	TECPR2	tectonin beta-propeller repeat containing 2	-1,0
12816002	507792	GTF2IRD1	GTF2I repeat domain containing 1	-1,0
12837900	512041	EBNA1BP2	EBNA1 binding protein 2	-1,0
12741509	787642	LOC787642	similar to CfOLF2	-1,0
12834738	540532	ZBTB44	zinc finger and BTB domain containing 44	-1,0
12741772	100313141	MIR2284G	microRNA mir-2284g	-1,0
12874804	531382	METTL14	methyltransferase like 14	-1,0
12839935	534063	EIF2B3	eukaryotic translation initiation factor 2B, subunit 3 gamma, 58kDa	-1,0
12866171	515866	GOLT1B	golgi transport 1 homolog B (S. cerevisiae)	-1,0
12748364	785549	FBRSL1	fibrosin-like 1	-1,0
12844762	514553	LOC514553	similar to olfactory receptor Olfr419	-1,0
12867662	538244	ACCN2	amiloride-sensitive cation channel 2, neuronal	-1,0
12842051	100124505	PDE4B	phosphodiesterase 4B, cAMP-specific (phosphodiesterase E4 dunce homolog, Drosophila)	-1,0
12735682	515828	LOC515828	hypothetical LOC515828	-1,0
12830423	512135	TMEM179B	transmembrane protein 179B	-1,0
12726242	782597	PLEKHF2	pleckstrin homology domain containing, family F (with FYVE domain) member 2	-1,0
12870650	508264	AFM	afamin	-1,0
12910829	791068	MIR363	microRNA mir-363	-1,0
12702956	617723	CRIPT	cysteine-rich PDZ-binding protein	-1,0
12899065	783342	LOC783342	similar to trace amine associated receptor 6	-1,0
12773687	789163	LOC789163	hypothetical LOC789163	-1,0
12908296	514742	SRPX2	sushi-repeat-containing protein, X-linked 2	-1,0
12806463	539013	CDYL	chromodomain protein, Y-like	-1,0
12862987	783533	LOC783533	similar to Ribosomal protein S6	-1,0
12845632	527391	C8A	complement component 8, alpha polypeptide	-1,0
12900969	534929	VNN2	vanin 2	-1,0
12721008	617385	RAB22A	RAB22A, member RAS oncogene family	-1,0
12712983	616912	FAM155A	transmembrane protein FAM155A	-1,0
12778577	539958	AMMECR1L	AMME chromosomal region gene 1-like	-1,0
12752562	529621	PRR12	proline rich 12	-1,0
12708660	788063	QSOX2	quiescin Q6 sulfhydryl oxidase 2	-1,0
12808600	614159	LOC614159	similar to Uncharacterized protein C18orf54	-1,0
12696665	539472	LOC539472	hypothetical protein LOC539472	-1,0
12842447	100313199	MIR2412	microRNA mir-2412	-1,0
12887659	613998	ATOX1	ATX1 antioxidant protein 1 homolog (yeast)	-1,0
12706892	533861	MAPKAP1	mitogen-activated protein kinase associated protein 1	-1,0
12710121	533449	ITGBL1	integrin, beta-like 1 (with EGF-like repeat domains)	-1,0
12897215	514844	FNDC1	fibronectin type III domain containing 1	-1,0
12886689	533921	LOC533921	similar to High-mobility group 20B	-1,0
12814493	777692	LOC777692	hypothetical protein LOC777692	-1,0
12777335	528490	DLX2	distal-less homeobox 2	-1,0
12851265	536307	ZNF783	zinc finger family member 783	-1,0
12864719	506348	DGKA	diacylglycerol kinase, alpha 80kDa	-1,0
12699389	507989	APLF	aprataxin and PNKP like factor	-1,0
12904519	524109	PCDH19	protocadherin 19	-1,0
12908576	518911	LOC518911	similar to Sodium/hydrogen exchanger 2 (Na(+)/H(+) exchanger 2) (NHE-2) (Solute carrier family 9 member 2) (H7)	-1,0
12893781	514327	DCTN3	dynactin 3 (p22)	-1,0
12707072	535148	C11H9ORF78	chromosome 9 open reading frame 78 ortholog	-1,0
12731956	513091	NUMA1	nuclear mitotic apparatus protein 1	-1,0
12750114	505928	CES2	carboxylesterase 2 (intestine, liver)	-1,0
12739773	518830	TROVE2	TROVE domain family, member 2	-1,0

12744548	616468	TLL1	tolloid-like 1	-1,0
12682743	783140	LOC783140	hypothetical LOC783140	-1,0
12805888	523283	LOC523283	similar to olfactory receptor 1365	-1,0
12739619	515444	ACAP3	ArfGAP with coiled-coil, ankyrin repeat and PH domains 3	-1,0
12885858	523334	ZNF354C	zinc finger protein 354C	-1,0
12905755	616298	LOC616298	similar to Chromosome X open reading frame 38	-1,0
12908622	520085	LOC520085	similar to melanoma antigen	-1,0
12888292	786565	DIAPH1	diaphanous homolog 1 (Drosophila)	-1,0
12727670	512399	LOC512399	similar to olfactory receptor 649	-1,0
12690776	535251	LOC535251	similar to mCG9285	-1,0
12704028	282385	TMSB10	thymosin beta 10	-1,0
12875547	541046	LGI2	leucine-rich repeat LGI family, member 2	-1,0
12730451	789567	LOC789567	similar to steroid dehydrogenase homolog	-1,0
12823196	617074	ERLIN1	ER lipid raft associated 1	-1,0
12849758	509253	MGC152190	hypothetical LOC509253	-1,0
12847452	615371	NFIA	nuclear factor I/A	-1,0
12729238	535571	CAPRIN1	cell cycle associated protein 1	-1,0
12886552	533364	KLHL3	kelch-like 3 (Drosophila)	-1,0
12771760	534403	SP2	Sp2 transcription factor	-1,0
12753578	613462	ARL2BP	ADP-ribosylation factor-like 2 binding protein	-1,0
12725721	535056	RPL8	ribosomal protein L8	-1,0
12753658	614678	CBFB	core-binding factor, beta subunit	-1,0
12885754	520949	LRRTM2	leucine rich repeat transmembrane neuronal 2	-1,0
12815062	100337153	LOC100337153	hypothetical protein LOC100337153	-1,0
12828893	617204	LOC617204	similar to HEAT repeat containing protein 1 (Protein BAP28)	-1,0
12688873	510676	LOC510676	similar to olfactory receptor 732	-1,0
12742817	516670	EIF2B1	eukaryotic translation initiation factor 2B, subunit 1 alpha, 26kDa	-1,0
12730349	785267	CCDC84	coiled-coil domain containing 84	-1,0
12828171	519820	LRIT2	leucine-rich repeat, immunoglobulin-like and transmembrane domains 2	-1,0
12809245	504721	CCDC68	coiled-coil domain containing 68	-1,0
12905700	615291	LOC615291	similar to ferritin L subunit	-1,0
12734493	281201	GNB1	guanine nucleotide binding protein (G protein), beta polypeptide 1	-1,0
12794151	100139678	BOSTAUV1R436	vomeroneasal 1 receptor bosTauV1R436	-1,0
12868107	540671	IKZF4	IKAROS family zinc finger 4 (Eos)	-1,0
12757856	521686	ZC3H4	zinc finger CCCH-type containing 4	-1,0
12758692	535119	CIAPIN1	cytokine induced apoptosis inhibitor 1	-1,0
12893865	515382	SCRG1	stimulator of chondrogenesis 1	-1,0
12875529	540831	RBM47	RNA binding motif protein 47	-1,0
12832375	100296019	LOC100296019	hypothetical protein LOC100296019	-1,0
12799650	531418	CLASP2	cytoplasmic linker associated protein 2	-1,0
12789050	281803	PDIA3	protein disulfide isomerase family A, member 3	-1,0
12743449	530962	MPHOSPH9	M-phase phosphoprotein 9	-1,0
12760163	789996	LOC789996	similar to zinc finger protein 211	-1,0
12865403	511022	IL23A	interleukin 23, alpha subunit p19	-1,0
12704189	404133	RPL12	ribosomal protein L12	-1,0
12910145	615065	CHIC1	cysteine-rich hydrophobic domain 1	-1,0
12820218	528946	PCGF5	polycomb group ring finger 5	-1,0
12834120	522469	BATF2	basic leucine zipper transcription factor, ATF-like 2	-1,0
12714127	505721	RTEL1	regulator of telomere elongation helicase 1	-1,0
12858932	510618	CDK4	cyclin-dependent kinase 4	-1,0
12760012	788457	TPT1	tumor protein, translationally-controlled 1	-1,0
12689149	513228	C10H14orf179	chromosome 14 open reading frame 179 ortholog	-1,0
12813885	550622	ATP6V0C	ATPase, H ⁺ transporting, lysosomal 16kDa, V0 subunit c	-1,0

12788111	539566	NIPBL	Nipped-B homolog (Drosophila)	-1,0
12893429	511957	TDH	L-threonine dehydrogenase	-1,0
12719009	511861	SERINC3	serine incorporator 3	-1,0
12834947	616339	TUT1	terminal uridylyl transferase 1, U6 snRNA-specific	-1,0
12735966	520260	FH	fumarate hydratase	-1,0
12799103	515459	HEMK1	HemK methyltransferase family member 1	-1,0
12849853	509991	HOXA3	homeobox A3	-1,0
12849698	508729	TMED4	transmembrane emp24 protein transport domain containing 4	-1,0
12690521	533397	KIAA0586	KIAA0586	-1,0
12791401	789315	PLD4	phospholipase D family, member 4	-1,0
12741352	767969	MGC133991	hypothetical protein MGC133991	-1,0
12690985	537619	KTN1	kinectin 1 (kinesin receptor)	-1,0
12858045	506148	FAM109B	family with sequence similarity 109, member B	-1,0
12752548	528802	ZNF548	zinc finger protein 548	-1,0
12902546	100313049	MIR448	microRNA mir-448	-1,0
12709218	506392	XPO4	exportin 4	-1,0
12713070	781252	LIG4	ligase IV, DNA, ATP-dependent	-1,0
12731530	508902	USP28	ubiquitin specific peptidase 28	-1,0
12853726	508990	RARRES2	retinoic acid receptor responder (tazarotene induced) 2	-1,0
12827408	100125281	TMEM26	transmembrane protein 26	-1,0
12723421	613753	LY96	lymphocyte antigen 96	-1,0
12693029	100296565	LOC100296565	hypothetical protein LOC100296565	-1,0
12725230	513850	CA13	carbonic anhydrase XIII	-1,0
12838744	518114	GPC1	glypican 1	-1,0
12683891	505740	ADCY5	adenylate cyclase 5	-1,0
12863343	100138309	SYN3	synapsin III	-1,0
12892018	774023	INSL6	insulin-like 6	-1,0
12862118	541169	NOP2	NOP2 nucleolar protein homolog (yeast)	-1,0
12897673	528265	SNX3	sorting nexin 3	-1,0
12688887	510837	LOC510837	similar to Uncharacterized protein KIAA0247	-1,0
12847314	614367	IL23R	interleukin 23 receptor	-1,0
12867326	535264	XPOT	exportin, tRNA (nuclear export receptor for tRNAs)	-1,0
12876822	281039	CAST	calpastatin	-1,0
12734866	493708	CDC2L1	cell division cycle 2-like 1 (PITSLRE proteins)	-1,0
12686619	613812	RNF168	ring finger protein 168	-1,0
12769400	510668	CCR7	chemokine (C-C motif) receptor 7	-1,0
12716888	613917	LOC613917	similar to bA299N6.3	-1,0
12733597	616558	LOC616558	similar to olfactory receptor, family 52, subfamily E, member 2 (predicted)	-1,0
12816285	510922	RSPH10B	radial spoke head 10 homolog B (Chlamydomonas)	-1,0
12882846	100313234	MIR2463	microRNA mir-2463	-1,0
12747887	540641	CCR4L	CCR4 carbon catabolite repression 4-like (S. cerevisiae)	-1,0
12796604	537713	SUCLG2	succinate-CoA ligase, GDP-forming, beta subunit	-1,0
12712971	616677	LOC616677	hypothetical protein LOC616677	-1,0
12817154	522837	LOC522837	similar to Zinc finger protein 135 (Zinc finger protein 61) (Zinc finger protein 78-like 1)	-1,0
12842420	100299693	LOC100299693	hypothetical protein LOC100299693	-1,0
12729762	541302	CYP2R1	cytochrome P450, family 2, subfamily R, polypeptide 1	-1,0
12694933	515494	LRP10	low density lipoprotein receptor-related protein 10	-1,0
12817741	533897	TAOK2	TAO kinase 2	-1,0
12781633	515467	ALS2CR4	amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 4	-1,0
12762480	509536	SLC38A10	solute carrier family 38, member 10	-1,0
12866416	519217	CDK2	cyclin-dependent kinase 2	-1,0
12791089	614244	LOC614244	similar to ATPase, vacuolar, 14 kD	-1,0
12731757	511284	LOC511284	similar to olfactory receptor Olr140	-1,0
12905207	537655	LOC537655	similar to dystrophin	-1,0
12720994	617160	PXMP4	peroxisomal membrane protein 4, 24kDa	-1,0

12681008	524181	LOC524181	similar to CG10038 CG10038-PB	-1,0
12891993	618946	IFNB3	interferon, beta 3	-1,0
12730075	618523	LOC618523	similar to olfactory receptor 1231	-1,0
12886408	531850	TNFAIP8L1	tumor necrosis factor, alpha-induced protein 8-like 1	-1,0
12761220	282710	ATP5H	ATP synthase, H ⁺ transporting, mitochondrial F0 complex, subunit d	-1,0
12828726	539797	RTKN2	rhotekin 2	-1,0
12728837	531237	LOC531237	similar to olfactory receptor 1231	-1,0
12853939	512582	LOC512582	similar to family with sequence similarity 62 (C2 domain containing) member B	-1,0
12876004	781260	CISD2	CDGSH iron sulfur domain 2	-1,0
12827577	280701	PPA1	pyrophosphatase (inorganic) 1	-1,0
12772606	613890	KCNJ16	potassium inwardly-rectifying channel, subfamily J, member 16	-1,0
12887803	615930	IFI30	gamma-inducible protein 30	-1,0
12868766	618777	SAMM50	sorting and assembly machinery component 50 homolog	-1,0
12901620	788572	LOC788572	similar to olfactory receptor Olf701	-1,0
12815036	100313316	MIR562	microRNA mir-562	-1,0
12895352	615897	TOMM5	translocase of outer mitochondrial membrane 5 homolog (yeast)	-1,0
12829004	783068	MGC151567	hypothetical protein LOC783068	-1,0
12733886	784379	LOC784379	similar to Olfactory receptor 51G1	-1,0
12688105	281994	PPM1A	protein phosphatase 1A (formerly 2C), magnesium-dependent, alpha isoform	-1,0
12709591	512700	FLT3	fms-related tyrosine kinase 3	-1,0
12694811	514880	METT11D1	methyltransferase 11 domain containing 1	-1,0
12781993	520788	CATSPER4	cation channel, sperm associated 4	-1,0
12898821	614138	LOC614138	similar to glycerol-3-phosphate dehydrogenase 1-like	-1,0
12788696	100299595	LOC100299595	similar to phosphofurin acidic cluster sorting protein 1	-1,0
12844014	510138	ALG6	asparagine-linked glycosylation 6, alpha-1,3-glucosyltransferase homolog (S. cerevisiae)	-1,0
12877681	505375	AES	amino-terminal enhancer of split	-1,0
12714455	507779	ANKRD16	ankyrin repeat domain 16	-1,0
12719938	524683	SAMHD1	SAM domain and HD domain 1	-1,0
12770654	516853	IGF2BP1	insulin-like growth factor 2 mRNA binding protein 1	-1,0
12829742	504839	PELI3	pellino homolog 3 (Drosophila)	-1,0
12784020	613365	LOC613365	similar to formiminotransferase cyclodeaminase	-1,0
12748829	100169896	APEG3	antisense transcript gene of PEG3	-1,0
12853605	507132	RBM28	RNA binding motif protein 28	-1,0
12813872	541295	XYLT1	xylosyltransferase I	-1,0
12856463	100313209	MIR2425	microRNA mir-2425	-1,0
12768381	507056	RPTOR	regulatory associated protein of MTOR, complex 1	-1,0
12880479	533554	FBXO38	F-box protein 38	-1,0
12836279	493711	NR1I3	nuclear receptor subfamily 1, group I, member 3	-1,0
12882267	785202	CCDC159	coiled-coil domain containing 159	-1,0
12779699	786958	NCKAP5	NCK-associated protein 5	-1,0
12891125	534615	BNIP3L	BCL2/adenovirus E1B 19kDa interacting protein 3-like	-1,0
12853145	282653	AQP1	aquaporin 1 (Colton blood group)	-1,0
12868162	540892	DNM1L	dynamitin 1-like	-1,0
12699819	513276	RBKS	ribokinase	-1,0
12730301	784484	DENN5A	DENN/MADD domain containing 5A	-1,0
12891778	614217	C9orf89	chromosome 9 open reading frame 89	-1,0
12869569	100298118	LOC100298118	hypothetical protein LOC100298118	-1,0
12684728	515350	CCDC52	coiled-coil domain containing 52	-1,0
12735198	507480	HES4	hairy and enhancer of split 4 (Drosophila)	-1,0
12820673	538467	C26H10ORF2	chromosome 10 open reading frame 2 ortholog	-1,0
12779925	100295338	LOC100295338	similar to homeo box D9	-1,0
12713335	100297498	LOC100297498	similar to ribosomal protein L35a	-1,0

12785865	525276	ADAMTS12	ADAM metallopeptidase with thrombospondin type 1 motif, 12	-1,0
12802769	532704	TBC1D7	TBC1 domain family, member 7	-1,0
12905059	534894	PQBP1	polyglutamine binding protein 1	-1,0
12740655	539227	RAB3GAP2	RAB3 GTPase activating protein subunit 2 (non-catalytic)	-1,0
12710115	533186	CLYBL	citrate lyase beta like	-1,0
12686803	615200	N6AMT1	N-6 adenine-specific DNA methyltransferase 1 (putative)	-1,0
12827182	768072	LOC768072	hypothetical LOC768072	-1,0
12882235	784295	KLF1	Kruppel-like factor 1 (erythroid)	-1,0
12889000	100337470	LOC100337470	interferon beta-3-like	-1,0
12744952	787653	C17H5orf52	chromosome 5 open reading frame 52 ortholog	-1,0
12902556	100313262	MIR374B	microRNA mir-374b	-1,0
12788515	782502	LOC782502	similar to Uncharacterized protein KIAA0947	-1,0
12776055	510194	HP1BP3	heterochromatin protein 1, binding protein 3	-1,0
12852746	100313365	MIR182	microRNA mir-182	-1,0
12815289	286867	RPS2	ribosomal protein S2	-1,0
12777956	535378	PARD3B	par-3 partitioning defective 3 homolog B (C. elegans)	-1,0
12825682	100295417	LOC100295417	hypothetical protein LOC100295417	-1,0
12871408	527318	PACRGL	PARK2 co-regulated-like	-1,0
12697510	780809	VTI1B	vesicle transport through interaction with t-SNAREs homolog 1B (yeast)	-1,0
12905894	617391	CXORF36	chromosome X open reading frame 36	-1,0
12718654	507116	ZCCHC3	zinc finger, CCHC domain containing 3	-1,0
12891921	616822	SPINK4	serine peptidase inhibitor, Kazal type 4	-1,0
12906257	788288	MAP3K7IP3	mitogen-activated protein kinase kinase kinase 7 interacting protein 3	-1,0
12826085	509328	CSGALNACT2	chondroitin sulfate N-acetylgalactosaminyltransferase 2	-1,0
12687797	100313119	MIR2292	microRNA mir-2292	-1,0
12786607	616066	DAP	death-associated protein	-1,0
12718709	507470	SEPHS1	selenophosphate synthetase 1	-1,0
12877471	504206	PCDHB1	protocadherin beta 1	-1,0
12825522	615599	UBE2E1	ubiquitin-conjugating enzyme E2E 1 (UBC4/5 homolog, yeast)	-1,0
12791004	540438	STOML1	stomatin (EPB72)-like 1	-1,0
12772913	616566	SCARF1	scavenger receptor class F, member 1	-1,0
12779404	617222	DPP10	dipeptidyl-peptidase 10	-1,0
12764905	538921	KIF2B	kinesin family member 2B	-1,0
12861362	536337	PTPRR	protein tyrosine phosphatase, receptor type, R	-1,0
12893830	515021	PSMD5	proteasome (prosome, macropain) 26S subunit, non-ATPase, 5	-1,0
12709257	506696	PSPC1	paraspeckle component 1	-1,0
12742696	515653	SGSM1	small G protein signaling modulator 1	-1,0
12760003	788268	LOC788268	similar to Steroidogenic acute regulator	-1,0
12800534	617525	LIMD1	LIM domains containing 1	-1,0
12719676	518062	SLC17A9	solute carrier family 17, member 9	-1,0
12825587	617866	MLF1IP	MLF1 interacting protein	-1,0
12862267	614148	MRPL42	mitochondrial ribosomal protein L42	-1,0
12889619	507256	RAI16	similar to Retinoic acid-induced protein 16	-1,0
12763019	512885	C19H17orf49	chromosome 17 open reading frame 49 ortholog	-1,0
12703720	100337023	LOC100337023	collagen alpha-1(V) chain-like	-1,0
12903611	509946	TM9SF2	transmembrane 9 superfamily member 2	-1,0
12899782	506715	KATNA1	katanin p60 (ATPase-containing) subunit A 1	-1,0
12707949	614711	MRPL33	mitochondrial ribosomal protein L33	-1,0
12861924	540194	C5H12orf41	chromosome 12 open reading frame 41 ortholog	-1,0
12787808	526376	STK10	serine/threonine kinase 10	-1,0
12910024	613515	LOC613515	similar to casein kinase I alpha LS	-1,0

12707266	538447	PRKD3	protein kinase D3	-1,0
12811323	281440	RAC1	ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)	-1,0
12754336	767945	ZNF566	zinc finger protein 566	-1,0
12731380	506539	SIK3	SIK family kinase 3	-1,0
12708717	789606	RPL9	ribosomal protein L9	-1,0
12809240	504380	ADNP2	ADNP homeobox 2	-1,0
12760401	100296376	LOC100296376	hypothetical protein LOC100296376	-1,0
12786794	100336912	LOC100336912	pikachurin-like	-1,0
12820951	615135	IPMK	inositol polyphosphate multikinase	-1,0
12839475	530175	LOC530175	similar to olfactory receptor Olr1347	-1,0
12800444	614905	SEC22C	SEC22 vesicle trafficking protein homolog C (<i>S. cerevisiae</i>)	-1,0
12787933	534852	FBXO4	F-box protein 4	-1,0
12747734	538310	EP400	E1A binding protein p400	-1,0
12696328	537445	AQR	aquarius homolog (mouse)	-1,0
12837635	510399	MGC128008	hypothetical LOC510399	-1,0
12725683	534013	TMEM68	transmembrane protein 68	-1,0
12789956	513626	FANCM	Fanconi anemia, complementation group M	-1,0
12710574	614342	CDC16	cell division cycle 16 homolog (<i>S. cerevisiae</i>)	-1,0
12897148	512152	LOC512152	similar to KIAA1009 protein	-1,0
12758656	534591	KCNN4	potassium intermediate/small conductance calcium-activated channel, subfamily N, member 4	-1,0
12891224	535814	ZDHHC21	zinc finger, DHHC-type containing 21	-1,0
12867867	539530	TTLL1	tubulin tyrosine ligase-like family, member 1	-1,0
12903432	507187	TCEAL1	transcription elongation factor A (SII)-like 1	-1,0
12839888	533343	KCNJ10	potassium inwardly-rectifying channel, subfamily J, member 10	-1,0
12852734	100313206	MIR2421	microRNA mir-2421	-1,0
12708624	786476	SERTAD2	SERTA domain containing 2	-1,0
12684073	508149	CCDC58	coiled-coil domain containing 58	-1,0
12856049	777769	SMARCD3	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 3	-1,0
12774571	282161	CACNB4	calcium channel, voltage-dependent, beta 4 subunit	-1,0
12787073	407176	KCNMB1	potassium large conductance calcium-activated channel, subfamily M, beta member 1	-1,0
12890020	510635	HIATL1	hippocampus abundant transcript-like 1	-1,0
12733599	616568	LOC616568	similar to Leydig cell tumor 10 kDa protein homolog	-1,0
12831250	529808	ATG2A	ATG2 autophagy related 2 homolog A (<i>S. cerevisiae</i>)	-1,0
12871784	535746	40797	septin 11	-1,0
12789821	511631	UBE2Q2	ubiquitin-conjugating enzyme E2Q family member 2	-1,0
12724824	511062	WDR67	WD repeat domain 67	-1,0
12849337	327713	NDUFB2	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 2, 8kDa	-1,0
12693675	327692	ALDH6A1	aldehyde dehydrogenase 6 family, member A1	-1,0
12685804	534731	EPHB1	EPH receptor B1	-1,0
12723232	536121	RSPO2	R-spondin 2 homolog (<i>Xenopus laevis</i>)	-1,0
12899255	100336714	LOC100336714	autophagy protein 5-like	-1,0
12803278	539938	TAF8	TAF8 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 43kDa	-1,0
12705416	512001	GKN2	gastrokine 2	-1,0
12702331	540837	AFTPH	aftiphilin	-1,0
12695353	522866	PLA2G4F	phospholipase A2, group IVF	-1,0
12698595	282224	ETAA1	Ewing tumor-associated antigen 1	-1,0
12773277	781808	LOC781808	similar to hCG1645429	-1,0
12771340	528972	RAI1	retinoic acid induced 1	-1,0
12766709	100296460	LOC100296460	hypothetical protein LOC100296460	-1,0
12712598	538927	PDX1	pancreatic and duodenal homeobox 1	-1,0
12855223	536051	BRAF	v-ras murine sarcoma viral oncogene homolog B1	-1,0

12861639	538876	SDR9C7	short chain dehydrogenase/reductase family 9C, member 7	-1,0
12903346	505749	RBM10	RNA binding motif protein 10	-1,0
12752227	522269	ACTN4	actinin, alpha 4	-1,0
12815388	504471	PCOLCE	procollagen C-endopeptidase enhancer	-1,0
12872592	618286	TBC1D14	TBC1 domain family, member 14	-1,0
12747410	534262	USP38	ubiquitin specific peptidase 38	-1,0
12897447	521180	GABRR1	gamma-aminobutyric acid (GABA) receptor, rho 1	-1,0
12753258	538571	RSPRY1	ring finger and SPRY domain containing 1	-1,0
12825628	783935	DEFB5	defensin, beta 5	-1,0
12870901	513197	CFI	complement factor I	-1,0
12820169	526867	PDCD11	programmed cell death 11	-1,0
12870804	511259	MGC148692	hypothetical LOC511259	-1,0
12722136	508373	RAB2A	RAB2A, member RAS oncogene family	-1,0
12687333	785805	LOC785805	similar to collagen, type XXIX, alpha 1	-1,0
12832914	338471	PC	pyruvate carboxylase	-1,0
12712959	616167	LOC616167	similar to Hist1h4c protein	-1,0
12910754	787476	LOC787476	hypothetical LOC787476	-1,0
12869222	784092	CLEC1B	C-type lectin domain family 1, member B	-1,0
12784615	784123	SRRM1	serine/arginine repetitive matrix 1	-1,0
12840042	534742	SLC25A24	solute carrier family 25 (mitochondrial carrier; phosphate carrier), member 24	-1,0
12816626	513857	CD2BP2	CD2 (cytoplasmic tail) binding protein 2	-1,0
12728788	530068	LOC530068	similar to olfactory receptor Olfr1425	-1,0
12807278	100137989	LOC100137989	hypothetical protein LOC100137989	-1,0
12711013	100300012	LOC100300012	similar to insulin receptor substrate 1	-1,0
12796415	534606	RPUSD3	RNA pseudouridylate synthase domain containing 3	-1,0
12820407	534065	LOC534065	similar to erythroid differentiation-related factor 1	-1,0
12895621	768325	GNRH1	gonadotropin-releasing hormone 1 (luteinizing-releasing hormone)	-1,0
12899068	783380	LOC783380	similar to trace amine receptor 8	-1,0
12738487	281346	NCF2	neutrophil cytosolic factor 2	-1,0
12771478	531531	SLC16A5	solute carrier family 16, member 5 (monocarboxylic acid transporter 6)	-1,0
12775434	506343	ATIC	5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase	-1,0
12760325	100140430	LOC100140430	similar to DEAD (Asp-Glu-Ala-Asp) box polypeptide 42 (predicted)	-1,0
12832304	100139381	LOC100139381	similar to Nucleolar transcription factor 1 (Upstream-binding factor 1) (UBF-1)	-1,0
12745985	507124	UFD1L	ubiquitin fusion degradation 1 like	-1,0
12693873	505206	EHD4	EH-domain containing 4	-1,0
12893812	514652	ISCA1	iron-sulfur cluster assembly 1 homolog (S. cerevisiae)	-1,0
12885603	518134	EMR4P	similar to EMR4	-1,0
12889251	338082	ATP6V1B2	ATPase, H ⁺ transporting, lysosomal 56/58kDa, V1 subunit B2	-1,0
12698725	327700	FABP1	fatty acid binding protein 1, liver	-1,0
12852738	100313255	MIR153-2	microRNA mir-153-2	-1,0
12903008	286790	RPL10	ribosomal protein L10	-1,0
12704274	504291	MITD1	MIT, microtubule interacting and transport, domain containing 1	-1,0
12762992	512506	RANGRF	RAN guanine nucleotide release factor	-1,0
12729065	534321	SOX6	SRY (sex determining region Y)-box 6	-1,0
12880093	526874	UNC13A	unc-13 homolog A (C. elegans)	-1,0
12903671	511003	CXHXORF23	chromosome X open reading frame 23 ortholog	-1,0
12910088	614145	IDH3G	isocitrate dehydrogenase 3 (NAD ⁺) gamma	-1,0
12756739	509897	MTHFSD	methenyltetrahydrofolate synthetase domain containing	-1,0
12701992	539022	ZNF2	zinc finger protein 2	-1,0

12847582	616638	C3H1orf77	chromosome 1 open reading frame 77 ortholog	-1,0
12860884	533006	RECQL	RecQ protein-like (DNA helicase Q1-like)	-1,0
12832455	100300061	LOC100300061	similar to proteasome (prosome, macropain) 26S subunit, non-ATPase, 10	-1,0
12820770	540481	TCF7L2	transcription factor 7-like 2 (T-cell specific, HMG-box)	-1,0
12769431	510826	DDX52	DEAD (Asp-Glu-Ala-Asp) box polypeptide 52	-1,0
12774786	338052	CAPZB	capping protein (actin filament) muscle Z-line, beta	-1,0
12873877	510065	ACOX3	acyl-Coenzyme A oxidase 3, pristanoyl	-1,0
12699608	510381	SMC6	structural maintenance of chromosomes 6	-1,0
12719771	520094	EIF2S2	eukaryotic translation initiation factor 2, subunit 2 beta, 38kDa	-1,0
12803869	782431	LOC782431	similar to olfactory receptor, family 2, subfamily W, member 1	-1,0
12907350	407109	PDHA1	pyruvate dehydrogenase (lipoamide) alpha 1	-1,0
12814389	618572	FLYWCH2	FLYWCH family member 2	-1,0
12825103	512789	ZFP36L2	zinc finger protein 36, C3H type-like 2	-1,0
12746555	514108	EIF4ENIF1	eukaryotic translation initiation factor 4E nuclear import factor 1	-1,0
12809800	518030	TAF4B	TAF4b RNA polymerase II, TATA box binding protein (TBP)-associated factor, 105kDa	-1,0
12740151	532708	NVL	nuclear VCP-like	-1,0
12778278	537330	WNT10A	wingless-type MMTV integration site family, member 10A	-1,0
12860035	520159	B4GALNT1	beta-1,4-N-acetyl-galactosaminyl transferase 1	-1,0
12725949	540859	TCEB1	transcription elongation factor B (SIII), polypeptide 1 (15kDa, elongin C)	-1,0
12748964	100299267	LOC100299267	similar to pyruvate dehydrogenase phosphatase	-1,0
12719918	524427	FERMT1	fermitin family homolog 1 (Drosophila)	-1,0
12732940	537453	PATL1	protein associated with topoisomerase II homolog 1 (yeast)	-1,0
12907469	505958	DGAT2L6	diacylglycerol O-acyltransferase 2-like 6	-1,0
12897034	509717	CCNC	cyclin C	-1,0
12879542	521539	MAN2A1	mannosidase, alpha, class 2A, member 1	-1,0
12697689	785266	THAP10	THAP domain containing 10	-1,0
12806019	528914	LOC528914	similar to Olfactory receptor 1F12 (Hs6M1-35P)	-1,0
12847209	613428	ZFYVE9	zinc finger, FYVE domain containing 9	-1,0
12806610	613802	TMEM14C	transmembrane protein 14C	-1,0
12742671	514789	ISCU	iron-sulfur cluster scaffold homolog (E. coli)	-1,0
12825099	512603	NAT1	N-acetyltransferase 1 (arylamine N-acetyltransferase)	-1,0
12814938	100295891	LOC100295891	hypothetical protein LOC100295891	-1,0
12826366	520684	ZNF33B	zinc finger protein 33B	-1,0
12701074	526913	MGC148942	hypothetical LOC526913	-1,0
12681823	538761	CLDN8	claudin 8	-1,0
12849870	510137	TMEM213	transmembrane protein 213	-1,0
12787470	514739	MAP1B	microtubule-associated protein 1B	-1,0
12738685	287007	PDC	phosducin	-1,0
12879126	515245	STK11	serine/threonine kinase 11	-1,0
12730659	100337222	LOC100337222	parvin, alpha-like	-1,0
12836403	504467	SASS6	spindle assembly 6 homolog (C. elegans)	-1,0
12686465	540466	MINA	MYC induced nuclear antigen	-1,0
12748206	619125	LOC619125	similar to SEC14p-like protein TAP3	-1,0
12716818	541019	CSRP2BP	CSRP2 binding protein	-1,0
12719955	524743	GTPBP4	GTP binding protein 4	-1,0
12811988	507533	CRCP	CGRP receptor component	-1,0
12909959	541272	IDS	iduronate 2-sulfatase	-1,0
12862188	613499	R3HDM2	R3H domain containing 2	-1,0
12816534	513107	STYXL1	serine/threonine/tyrosine interacting-like 1	-1,0
12820582	536914	CCDC147	coiled-coil domain containing 147	-1,0
12866254	516769	A2ML1	alpha-2-macroglobulin-like 1	-1,0

12800094	540092	C22H3ORF10	chromosome 3 open reading frame 10 ortholog	-1,0
12780612	504456	TMEM50A	transmembrane protein 50A	-1,0
12841298	616194	C3H1ORF41	chromosome 1 open reading frame 41 ortholog	-1,0
12830871	516646	MRGPRX2	MAS-related GPR, member X2	-1,0
12894391	528987	LOC528987	similar to CG11909 CG11909-PA	-1,0
12707681	540909	C11H2orf42	chromosome 2 open reading frame 42 ortholog	-1,0
12862230	613596	ACTR6	ARP6 actin-related protein 6 homolog (yeast)	-1,0
12750553	509076	ZNRF1	zinc and ring finger 1	-1,0
12788338	615883	SLIT3	slit homolog 3 (Drosophila)	-1,0
12791225	617441	C14orf153	hypothetical protein LOC617441	-1,0
12757239	514141	OGFOD1	2-oxoglutarate and iron-dependent oxygenase domain containing 1	-1,0
12718657	507119	PFKP	phosphofructokinase, platelet	-1,0
12895727	781854	FBXO10	F-box protein 10	-1,0
12895595	767995	HEMGN	hemogen	-1,0
12863996	281551	TSFM	Ts translation elongation factor, mitochondrial	-1,0
12841505	618250	S100A14	S100 calcium binding protein A14	-1,0
12835872	281421	PPT1	palmitoyl-protein thioesterase 1	-1,0
12786691	783613	LOC783613	similar to dynein light chain 1	-1,0
12721445	100138046	LOC100138046	coiled-coil domain containing 121-like	-1,0
12734523	281452	RGS7	regulator of G-protein signaling 7	-1,0
12878410	509490	LOC509490	similar to ANKHD1-EIF4EBP3 protein	-1,0
12802073	514819	PTK7	PTK7 protein tyrosine kinase 7	-1,0
12688171	282705	PSEN1	presenilin 1	-1,0
12829863	505915	PPP2R5B	protein phosphatase 2, regulatory subunit B', beta isoform	-1,0
12818629	786875	USP48	ubiquitin specific peptidase 48	-1,0
12905613	613705	LOC613705	similar to RNA binding motif protein, X-linked 2	-1,0
12788577	791016	MIR218-2	microRNA mir-218-2	-1,0
12691329	540412	SOCS4	suppressor of cytokine signaling 4	-1,0
12871269	521876	CHRNA9	cholinergic receptor, nicotinic, alpha 9	-1,0
12730494	100138290	LOC100138290	similar to thymosin, beta 4	-1,0
12713146	789867	LOC789867	similar to eukaryotic translation elongation factor 1 alpha 1	-1,0
12776899	521004	SLC39A10	solute carrier family 39 (zinc transporter), member 10	-1,0
12688394	505485	JMJD7-PLA2G4B	JMJD7-PLA2G4B readthrough	-1,0
12717634	789854	TAF4	TAF4 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 135kDa	-1,0
12687739	100296333	LOC100296333	hypothetical protein LOC100296333	-1,0
12809414	509142	TXNL1	thioredoxin-like 1	-1,0
12790933	539404	IREB2	iron-responsive element binding protein 2	-1,0
12906369	100126055	PIN4	protein (peptidylprolyl cis/trans isomerase) NIMA-interacting, 4 (parvulin)	-1,0
12798904	511854	FBLN2	fibulin 2	-1,0
12799988	536833	ATXN7	ataxin 7	-1,0
12789963	513719	HMG20A	high-mobility group 20A	-1,0
12893554	513099	LOC513099	similar to Olfactory receptor 13C2 (Olfactory receptor OR9-12)	-1,0
12794308	100336829	LOC100336829	makorin ring finger protein 2-like	-1,0
12842096	100125224	PIP5K1A	phosphatidylinositol-4-phosphate 5-kinase, type I, alpha	-1,0
12742113	404151	DYNLL1	dynein, light chain, LC8-type 1	-1,0
12701531	534992	C2orf43	hypothetical protein LOC534992	-1,0
12907204	281999	PRDX4	peroxiredoxin 4	-1,0
12686715	614471	UBE2G2	ubiquitin-conjugating enzyme E2G 2 (UBC7 homolog, yeast)	-1,0
12766806	100313018	MIR212	microRNA mir-212	-1,0
12681574	534916	PHC3	polyhomeotic homolog 3 (Drosophila)	-1,0
12897625	527263	FYN	FYN oncogene related to SRC, FGR, YES	-1,0

12852035	616576	GCK	glucokinase (hexokinase 4)	-1,0
12850203	514680	LOC514680	similar to mCG7611	-1,0
12760420	100297044	LOC100297044	similar to chemokine (C-C motif) ligand 14	-1,0
12835168	782366	LOC782366	similar to olfactory receptor Olr1308	-1,0
12819227	505664	FRAT1	frequently rearranged in advanced T-cell lymphomas	-1,0
12711797	514810	KDELC1	KDEL (Lys-Asp-Glu-Leu) containing 1	-1,0
12696063	533233	APC	adenomatous polyposis coli	-1,0
12847168	541097	ATXN7L2	ataxin 7-like 2	-1,0
12743467	532021	PRMT10	protein arginine methyltransferase 10 (putative)	-1,0
12753547	541085	LONP2	lon peptidase 2, peroxisomal	-1,0
12745110	100297608	LOC100297608	hypothetical protein LOC100297608	-1,0
12706332	525690	MGC139367	hypothetical LOC525690	-1,0
12882854	100313444	MIR2465	microRNA mir-2465	-1,0
12711245	326599	TPT1	tumor protein, translationally-controlled 1	-1,0
12723914	100138632	LOC100138632	similar to WD repeats and SOF1 domain containing	-1,0
12852814	100337304	LOC100337304	engrailed homeobox 2-like	-1,0
12831170	525813	ME3	malic enzyme 3, NADP(+)-dependent, mitochondrial	-1,0
12732054	513906	DDX6	DEAD (Asp-Glu-Ala-Asp) box polypeptide 6	-1,0
12733621	617161	IMMP1L	IMP1 inner mitochondrial membrane peptidase-like	-1,0
12755690	281643	BCAT2	branched chain aminotransferase 2, mitochondrial	-1,0
12886762	534248	MGAT1	mannosyl (alpha-1,3-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase	-1,0
12847485	615537	GSTM2	glutathione S-transferase M2	-1,0
12887665	614095	LOC614095	similar to olfactory receptor, family 10, subfamily H, member 3	-1,0
12894468	532056	PHF19	PHD finger protein 19	-1,0
12821546	404193	FGFR2	fibroblast growth factor receptor 2	-1,0
12692939	100296135	LOC100296135	hypothetical protein LOC100296135	-1,0
12803739	618944	LOC618944	similar to chromosome 6 open reading frame 52	-1,0
12790006	514432	BRMS1L	breast cancer metastasis-suppressor 1-like	-1,0
12888848	100313235	MIR2466	microRNA mir-2466	-1,0
12723978	100297712	LOC100297712	similar to mitochondrial ribosomal protein L33	-1,0
12728761	529661	TSKU	tsukushi small leucine rich proteoglycan homolog (Xenopus laevis)	-1,0
12769741	511869	TM4SF5	transmembrane 4 L six family member 5	-1,0
12679686	510462	OXNAD1	oxidoreductase NAD-binding domain containing 1	-1,0
12881316	540197	NSD1	nuclear receptor binding SET domain protein 1	-1,0
12784813	100138964	LOC100138964	hypothetical protein LOC100138964	-1,0
12695730	529395	USP3	ubiquitin specific peptidase 3	-1,0
12759917	786335	GYS1	glycogen synthase 1 (muscle)	-1,0
12776601	514738	OSGEPL1	O-sialoglycoprotein endopeptidase-like 1	-1,0
12720669	538631	TUBAL3	tubulin, alpha-like 3	-1,0
12891444	538833	HAUS6	HAUS augmin-like complex, subunit 6	-1,0
12856701	280682	CS	citrate synthase	-1,0
12906150	785262	LOC785262	similar to hCG2044193	-1,0
12689648	518260	RTF1	Rtf1, Paf1/RNA polymerase II complex component, homolog (S. cerevisiae)	-1,0
12909083	530936	SLITRK4	SLIT and NTRK-like family, member 4	-1,0
12757479	518207	ZNF345	zinc finger protein 345	-1,0
12738728	407235	ADIPOR1	adiponectin receptor 1	-1,0
12822968	540040	ARL3	ADP-ribosylation factor-like 3	-1,0
12810003	525095	PIGN	phosphatidylinositol glycan anchor biosynthesis, class N	-1,0
12802893	534832	KIF13A	kinesin family member 13A	-1,0
12732259	517412	LOC517412	similar to olfactory receptor, family 52, subfamily I, member 2	-1,0
12728405	522518	CWF19L2	CWF19-like 2, cell cycle control (S. pombe)	-1,0
12902854	281410	PLP1	proteolipid protein 1	-1,0
12744958	789205	IGLL1	immunoglobulin lambda-like polypeptide 1	-1,0

12866232	516327	ZNF740	zinc finger protein 740	-1,0
12839201	525659	GCLM	glutamate-cysteine ligase, modifier subunit	-1,0
12715859	526613	SIRPD	signal-regulatory protein delta	-1,0
12825490	540380	DUSP4	dual specificity phosphatase 4	-1,0
12761852	506007	PEX12	peroxisomal biogenesis factor 12	-1,0
12883543	407129	canx	calnexin	-1,0
12835693	100336972	LOC100336972	centaurin, gamma 2-like	-1,0
12723468	614744	LOC614744	similar to Uncharacterized protein C8orf37 homolog	-1,0
12901309	541287	RNF217	ring finger protein 217	-1,0
12790169	517979	EDC3	enhancer of mRNA decapping 3 homolog (S. cerevisiae)	-1,0
12833698	513984	SLC15A3	solute carrier family 15, member 3	-1,0
12725919	539992	LYPLA1	lysophospholipase I	-1,0
12898520	539603	SASH1	SAM and SH3 domain containing 1	-1,0
12697087	614408	PLDN	pallidin homolog (mouse)	-1,0
12805453	512637	GPR110	G protein-coupled receptor 110	-1,0
12879645	522370	PPAN-P2RY11	PPAN-P2RY11 readthrough	-1,0
12807325	100335896	LOC100335896	centrosomal protein 192kDa-like	-1,0
12872656	781149	AFF1	AF4/FMR2 family, member 1	-1,0
12779065	613775	LOC613775	similar to primary ciliary dyskinesia protein 1	-1,0
12729975	615941	LOC615941	similar to olfactory receptor, family 1, subfamily S, member 1	-1,0
12791925	505131	C21H14orf142	chromosome 14 open reading frame 142 ortholog	-1,0
12850445	519437	LOC519437	similar to Olfactory receptor 6V1	-1,0
12860591	528167	TNRC6B	trinucleotide repeat containing 6B	-1,0
12715490	521239	MKX	mohawk homeobox	-1,0
12855331	537183	TNPO3	transportin 3	-1,0
12863717	100336626	LOC100336626	bromodomain containing protein 1-like	-1,0
12905918	618355	LOC618355	similar to melanoma antigen family B, 4	-1,0
12909948	540851	UPRT	uracil phosphoribosyltransferase (FUR1) homolog (S. cerevisiae)	-1,0
12726264	784758	LOC784758	similar to olfactory receptor Olfr1178	-1,0
12769894	512868	SMYD4	SET and MYND domain containing 4	-1,0
12894284	527597	TRPM6	transient receptor potential cation channel, subfamily M, member 6	-1,0
12808058	528378	HAUS1	HAUS augmin-like complex, subunit 1	-1,0
12868688	618392	SUN2	Sad1 and UNC84 domain containing 2	-1,0
12680501	515562	TAGLN3	transgelin 3	-1,0
12794204	100299041	SEMA3G	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3G	-1,0
12734274	100313139	MIR2320	microRNA mir-2320	-1,0
12756475	507800	KLK4	kallikrein-related peptidase 4	-1,0
12708342	618691	PHPT1	phosphohistidine phosphatase 1	-1,0
12737111	539950	HNRNPU	heterogeneous nuclear ribonucleoprotein U (scaffold attachment factor A)	-1,0
12720426	533757	ADNP	activity-dependent neuroprotector homeobox	-1,0
12857717	445463	ApoN	ovarian and testicular apolipoprotein N	-1,0
12775273	504482	WASF2	WAS protein family, member 2	-1,0
12850047	512002	HIBADH	3-hydroxyisobutyrate dehydrogenase	-1,0
12698638	282378	STXBP1	syntaxin binding protein 1	-1,0
12682602	767929	GPR171	G protein-coupled receptor 171	-1,0
12782967	534349	UBE2E3	ubiquitin-conjugating enzyme E2E 3 (UBC4/5 homolog, yeast)	-1,0
12899957	509485	PERP	PERP, TP53 apoptosis effector	-1,0
12884176	507847	ZNF692	zinc finger protein 692	-1,0
12730499	100138732	LOC100138732	hypothetical protein LOC100138732	-1,0
12904893	533669	ABCB7	ATP-binding cassette, sub-family B (MDR/TAP), member 7	-1,0
12816574	513509	TXNDC11	thioredoxin domain containing 11	-1,0

12908606	519513	BRCC3	BRCA1/BRCA2-containing complex, subunit 3	-1,0
12699829	513495	KLRAQ1	KLRAQ motif containing 1	-1,0
12691935	615419	VASH1	vasohibin 1	-1,0
12815653	505868	PDXDC1	pyridoxal-dependent decarboxylase domain containing 1	-1,0
12792810	520694	LINGO1	leucine rich repeat and Ig domain containing 1	-1,0
12896263	100294795	LOC100294795	similar to tubby like protein 4	-1,0
12833732	514210	MAP3K11	mitogen-activated protein kinase kinase kinase 11	-1,0
12872147	539787	THAP6	THAP domain containing 6	-1,0
12711726	510554	PCDH17	protocadherin 17	-1,0
12713608	281861	IL2RA	interleukin 2 receptor, alpha	-1,0
12734920	504401	FMO2	flavin containing monooxygenase 2	-1,0
12844537	513081	RPF1	ribosome production factor 1 homolog (S. cerevisiae)	-1,0
12740064	529969	PRAMEF12	PRAME family member 12	-1,0
12866747	526006	ENO2	enolase 2 (gamma, neuronal)	-1,0
12864535	504832	OS9	osteosarcoma amplified 9, endoplasmic reticulum lectin	-1,0
12790461	527852	SERF2	small EDRK-rich factor 2	-1,0
12849478	493729	WNT2	wingless-type MMTV integration site family member 2	-1,0
12814450	767938	GBAS	glioblastoma amplified sequence	-1,0
12828017	512213	COG2	component of oligomeric golgi complex 2	-1,0
12809579	511554	C24H18orf19	chromosome 18 open reading frame 19 ortholog	-1,0
12871770	535399	LEF1	lymphoid enhancer-binding factor 1	-1,0
12700152	515890	URM1	ubiquitin related modifier 1 homolog (S. cerevisiae)	-1,0
12758789	538504	ZNF565	zinc finger protein 565	-1,0
12807586	504355	RPRD1A	Regulation of nuclear pre-mRNA domain containing 1A	-1,0
12757454	517066	ZDHC1	zinc finger, DHHC-type containing 1	-1,0
12807262	100124520	GNAL	guanine nucleotide binding protein (G protein), alpha activating activity polypeptide, olfactory type	-1,0
12767419	282116	VAMP2	vesicle-associated membrane protein 2 (synaptobrevin 2)	-1,0
12706299	525346	NCOA1	nuclear receptor coactivator 1	-1,0
12692263	781533	LOC781533	similar to nucleolin-related protein NRP	-1,0
12819480	511528	GLRX3	glutaredoxin 3	-1,0
12712565	537184	DACH1	dachshund homolog 1 (Drosophila)	-1,0
12848618	100313389	MIR671	microRNA mir-671	-1,0
12792860	525011	KLHL28	kelch-like 28 (Drosophila)	-1,0
12753939	617564	DHDH	dihydrodiol dehydrogenase (dimeric)	-1,0
12871193	518050	ANXA3	annexin A3	-1,0
12875066	534082	ADAMTS3	ADAM metallopeptidase with thrombospondin type 1 motif, 3	-1,0
12728986	533987	METT5D1	methyltransferase 5 domain containing 1	-1,0
12890629	521962	MLLT3	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 3	-1,0
12716590	538599	BANF2	barrier to autointegration factor 2	-1,0
12873147	280821	IGJ	immunoglobulin J chain	-1,0
12855025	534182	FKBP9	FK506 binding protein 9, 63 kDa	-1,0
12762096	507449	RASD1	RAS, dexamethasone-induced 1	-1,0
12726358	100140270	LOC100140270	similar to PR domain containing 9	-1,0
12885426	514861	LOC514861	similar to olfactory receptor, family 7, subfamily E, member 24	-1,0
12745241	100336258	LOC100336258	ring finger protein 146-like	-1,0
12908865	524499	LOC524499	similar to melanoma antigen family B, 18	-1,0
12908310	514769	ZNF674	zinc finger family member 674	-1,0
12743398	529923	ABCB9	ATP-binding cassette, sub-family B (MDR/TAP), member 9	-1,0
12890493	517400	SNX30	sorting nexin family member 30	-1,0
12692688	788201	LOC788201	hypothetical LOC788201	-1,0
12733543	616190	LOC616190	similar to ribosomal protein L23a	-1,0

12692693	788224	TYRO3	TYRO3 protein tyrosine kinase	-1,0
12735588	514589	PANK4	pantothenate kinase 4	-1,0
12697370	617637	TSLP	thymic stromal lymphopoietin	-1,0
12719329	514423	SNX5	sorting nexin 5	-1,0
12810880	100138102	PDPK1	3-phosphoinositide dependent protein kinase-1	-1,0
12741360	767994	C16H1orf100	chromosome 1 open reading frame 100 ortholog	-1,0
12765605	617442	EVI2B	ecotropic viral integration site 2B	-1,0
12722422	515582	UBR5	ubiquitin protein ligase E3 component n-recognin 5	-1,0
12906714	100336686	LOC100336686	hypothetical protein LOC100336686	-1,0
12843610	507125	C3H1ORF50	chromosome 1 open reading frame 50 ortholog	-1,0
12735474	512796	NFASC	neurofascin homolog (chicken)	-1,0
12693327	100336799	LOC100336799	hypothetical protein LOC100336799	-1,0
12862669	618918	MLC1	megalencephalic leukoencephalopathy with subcortical cysts 1	-1,0
12835339	100126041	COPA	coatomer protein complex, subunit alpha	-1,0
12749538	282860	KIR2DL5A	killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 5A	-1,0
12718721	507694	TMEM189	transmembrane protein 189	-1,0
12890662	523321	TOPORS	topoisomerase I binding, arginine/serine-rich	-1,0
12857434	404053	TUBA1A	tubulin, alpha 1a	-1,0
12685284	527882	LOC527882	similar to double von Willebrand factor A domains	-1,0
12751793	515425	CCDC61	coiled-coil domain containing 61	-1,0
12719581	517113	DHTKD1	dehydrogenase E1 and transketolase domain containing 1	-1,0
12732665	531135	LOC531135	similar to cOR52P3 olfactory receptor family 52 subfamily P-like	-1,0
12867883	539560	SPRYD4	SPRY domain containing 4	-1,0
12892462	100313103	MIR7-2	microRNA mir-7-2	-1,0
12893532	512995	ACO1	aconitase 1, soluble	-1,0
12851829	614722	AMPH	amphiphysin	-1,0
12795186	510184	TADA3	transcriptional adaptor 3	-1,0
12869475	791064	MIRLET7I	microRNA let-7i	-1,0
12879792	523615	MIDN	midnolin	-1,0
12853627	507229	LOC507229	similar to odorant receptor ORZ6	-1,0
12715614	522234	GJD4	gap junction protein, delta 4, 40.1kDa	-1,0
12750181	506370	CYB5B	cytochrome b5 type B (outer mitochondrial membrane)	-1,0
12801029	100337029	LOC100337029	ribosomal protein L23a-like	-1,0
12877145	282599	LRRC25	leucine rich repeat containing 25	-1,0
12689471	515305	PLEKHH1	similar to Pleckstrin homology domain-containing family H member 1	-1,0
12753052	535113	SNRNP70	small nuclear ribonucleoprotein 70kDa (U1)	-1,0
12695481	525107	SYNJ2BP	synaptojanin 2 binding protein	-1,0
12845091	518246	GIPC2	GIPC PDZ domain containing family, member 2	-1,0
12688553	507318	FLVCR2	feline leukemia virus subgroup C cellular receptor family, member 2	-1,0
12826896	539850	HNRNPH3	heterogeneous nuclear ribonucleoprotein H3 (2H9)	-1,0
12880617	534400	CEP120	centrosomal protein 120kDa	-1,0
12701287	533613	RABEPK	Rab9 effector protein with kelch motifs	-1,0
12709661	513955	SERPINE3	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 3	-1,0
12826592	533041	MGC159954	hypothetical LOC533041	-1,0
12834851	614335	RAB3IL1	RAB3A interacting protein (rabin3)-like 1	-1,0
12705045	509995	LRPPRC	leucine-rich PPR-motif containing	-1,0
12756343	505818	PPP1R13L	protein phosphatase 1, regulatory (inhibitor) subunit 13 like	-1,0
12861509	537878	PEX26	peroxisomal biogenesis factor 26	-1,0
12695109	517667	LOC517667	similar to olfactory receptor MOR106-5	-1,0
12734434	281115	DHX9	DEAH (Asp-Glu-Ala-His) box polypeptide 9	-1,0
12732874	534816	STIM1	stromal interaction molecule 1	-1,0

12687994	281419	PPIB	peptidylprolyl isomerase B (cyclophilin B)	-1,0
12840585	539001	TSPAN2	tetraspanin 2	-1,0
12704870	508805	GOLGA2	golgi autoantigen, golgin subfamily a, 2	-1,0
12737875	790218	LOC790218	similar to Histone-binding protein RBBP4 (Retinoblastoma-binding protein 4) (RBBP-4) (Retinoblastoma-binding protein p48) (Chromatin assembly factor 1 subunit C) (CAF-1 subunit C) (Chromatin assembly factor I p48 subunit) (CAF-I 48 kDa subunit) (CA	-1,0
12757715	520008	ZNF569	zinc finger protein 569	-1,0
12848409	100137763	LOC100137763	hypothetical protein LOC100137763	-1,0
12881456	541202	HNRNPH1	heterogeneous nuclear ribonucleoprotein H1 (H)	-1,0
12733118	539420	ELF5	E74-like factor 5 (ets domain transcription factor)	-1,0
12757823	521025	ATXN1L	ataxin 1-like	-1,0
12875979	768033	OSTC	oligosaccharyltransferase complex subunit	-1,0
12888760	100140687	LOC100140687	hypothetical protein LOC100140687	-1,0
12878655	511230	DENND1C	DENN/MADD domain containing 1C	-1,0
12850071	512321	MIOS	missing oocyte, meiosis regulator, homolog (Drosophila)	-1,0
12833713	514176	ZDHC13	zinc finger, DHHC-type containing 13	-1,0
12852153	664648	TAS2R4	taste receptor, type 2, member 4	-1,0
12769599	511257	RHOT1	ras homolog gene family, member T1	-1,0
12821472	281998	PRDX3	peroxiredoxin 3	-1,0
12858617	508869	RND1	Rho family GTPase 1	-1,0
12800917	100295627	LOC100295627	hypothetical protein LOC100295627	-1,0
12730093	767816	MS4A14	membrane-spanning 4-domains, subfamily A, member 14	-1,0
12762598	510299	CYGB	cytoglobin	-1,0
12721059	618409	LOC618409	similar to interferon regulatory factor 10	-1,0
12814978	100300326	LOC100300326	hypothetical protein LOC100300326	-1,0
12903973	513987	TCEAL4	transcription elongation factor A (SII)-like 4	-1,0
12905959	767875	HMG5	high-mobility group nucleosome binding domain 5	-1,0
12778585	539959	ITM2C	integral membrane protein 2C	-1,0
12763633	522040	MGC143117	hypothetical LOC522040	-1,0
12815225	281538	TNP2	transition protein 2 (during histone to protamine replacement)	-1,0
12906657	100336572	LOC100336572	arylsulfatase H-like	-1,0
12793640	613444	MGC142695	similar to C04F5.8	-1,0
12714523	508404	KIF3B	kinesin family member 3B	-1,0
12759837	785408	ZNF85	zinc finger protein 85	-1,0
12892034	781150	SAP30	Sin3A-associated protein, 30kDa	-1,0
12756236	504962	SF3B3	splicing factor 3b, subunit 3, 130kDa	-1,0
12696495	538743	USP8	ubiquitin specific peptidase 8	-1,0
12840950	540926	SCMH1	sex comb on midleg homolog 1 (Drosophila)	-1,0
12758448	532856	ANKRD11	ankyrin repeat domain 11	-1,0
12772598	613749	RAB5C	RAB5C, member RAS oncogene family	-1,0
12899126	788673	HECA	headcase homolog (Drosophila)	-1,0
12902398	100296486	LOC100296486	similar to glyoxalase domain containing 5	-1,0
12699104	505605	LRR8A	leucine rich repeat containing 8 family, member A	-1,0
12733804	781788	ALKBH8	alkB, alkylation repair homolog 8 (E. coli)	-1,0
12733789	781264	LOC781264	similar to Olfactory receptor 4C46	-1,0
12766532	100137824	LOC100137824	hypothetical protein LOC100137824	-1,0
12872049	538880	CPEB2	cytoplasmic polyadenylation element binding protein 2	-1,0
12897200	513608	ARG1	arginase, liver	-1,0
12855087	534586	TRA2A	transformer 2 alpha homolog (Drosophila)	-1,0
12824259	531459	PSD3	pleckstrin and Sec7 domain containing 3	-1,0
12739549	514901	DDX59	DEAD (Asp-Glu-Ala-Asp) box polypeptide 59	-1,0
12890349	515561	ZNF462	zinc finger protein 462	-1,0

12803539	615756	ELOVL2	elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 2	-1,0
12784195	614729	WDFY1	WD repeat and FYVE domain containing 1	-1,0
12768794	508425	MGC155170	hypothetical LOC508425	-1,0
12851927	615447	NME1-NME2	NME1-NME2 readthrough	-1,0
12773109	618534	LOC618534	similar to hCG96018	-1,0
12807306	100297090	LOC100297090	hypothetical protein LOC100297090	-1,0
12904595	526227	RPS6KA6	ribosomal protein S6 kinase, 90kDa, polypeptide 6	-1,0
12752595	530233	MGC148938	hypothetical LOC530233	-1,0
12718560	506325	ZMYND11	zinc finger, MYND domain containing 11	-1,0
12898797	613818	TBPL1	TBP-like 1	-1,0
12753499	540452	SBSN	suprabasin	-1,0
12722615	520630	SLC45A4	solute carrier family 45, member 4	-1,0
12881371	540614	40794	septin 8	-1,0
12744640	617434	SELPLG	selectin P ligand	-1,0
12830619	513684	TCIRG1	T-cell, immune regulator 1, ATPase, H ⁺ transporting, lysosomal V0 subunit A3	-1,0
12713776	282421	CTNNBL1	catenin, beta like 1	-1,0
12807594	504761	LOC504761	similar to LisH domain and HEAT repeat-containing protein KIAA1468	-1,0
12906978	280952	KDM6A	lysine (K)-specific demethylase 6A	-1,0
12825608	782395	LOC782395	similar to malignant fibrous histiocytoma amplified sequence 1	-1,0
12725762	536336	ST18	suppression of tumorigenicity 18 (breast carcinoma) (zinc finger protein)	-1,0
12854949	532842	MRPL32	mitochondrial ribosomal protein L32	-1,0
12843266	505160	EFCAB7	EF-hand calcium binding domain 7	-1,0
12819276	507518	EXOC6	exocyst complex component 6	-1,0
12687729	100296248	LOC100296248	hypothetical protein LOC100296248	-1,0
12707758	541460	KCNS3	potassium voltage-gated channel, delayed-rectifier, subfamily S, member 3	-1,0
12791768	327669	IDH2	isocitrate dehydrogenase 2 (NADP ⁺), mitochondrial	-1,0
12812571	514996	PLOD3	procollagen-lysine, 2-oxoglutarate 5-dioxygenase 3	-1,0
12704678	508157	DYSF	dysferlin, limb girdle muscular dystrophy 2B (autosomal recessive)	-1,0
12821529	282639	PAOX	polyamine oxidase (exo-N4-amino)	-1,0
12684241	510039	CPB1	carboxypeptidase B1 (tissue)	-1,0
12733127	539601	FCHSD2	FCH and double SH3 domains 2	-1,0
12859213	512481	ERGIC2	ERGIC and golgi 2	-1,0
12765624	617930	ACCN1	amiloride-sensitive cation channel 1, neuronal	-1,0
12876153	100125318	IK	IK cytokine, down-regulator of HLA II	-1,0
12699276	507041	PRKCE	protein kinase C, epsilon	-1,0
12844481	512840	POU2F1	POU class 2 homeobox 1	-1,0
12765092	540288	SP6	Sp6 transcription factor	-1,0
12682518	617114	CSTA	cystatin A (stefin A)	-1,0
12843593	506944	SFT2D2	SFT2 domain containing 2	-1,0
12717091	617402	LOC617402	cystatin	-1,0
12729991	616238	RNF214	ring finger protein 214	-1,0
12862571	617914	MAFF	v-maf musculoaponeurotic fibrosarcoma oncogene homolog F (avian)	-1,0
12764584	536093	DHX8	DEAH (Asp-Glu-Ala-His) box polypeptide 8	-1,0
12748923	100297193	LOC100297193	similar to glutaredoxin (thioltransferase)	-1,0
12881851	616427	PCDHB2	protocadherin beta 2	-1,0
12882422	788252	LPHN1	latrophilin 1	-1,0
12689228	513829	EIF2AK4	eukaryotic translation initiation factor 2 alpha kinase 4	-1,0
12685575	532044	MRPS22	mitochondrial ribosomal protein S22	-1,0
12686187	538979	MED12L	mediator complex subunit 12-like	-1,0
12825708	100297937	LOC100297937	hypothetical protein LOC100297937	-1,0
12838599	515980	ISG20L2	interferon stimulated exonuclease gene 20kDa-like 2	-1,0

12723404	613491	TMEM71	transmembrane protein 71	-1,0
12681770	538512	ZMAT3	zinc finger, matrin type 3	-1,0
12797819	100336473	LOC100336473	CG11807-like	-1,0
12906177	785868	LOC785868	similar to Three prime histone mRNA exonuclease 1	-1,0
12718907	509696	PDSS1	prenyl (decaprenyl) diphosphate synthase, subunit 1	-1,0
12886368	530719	CAMK2A	calcium/calmodulin-dependent protein kinase II alpha	-1,0
12882858	100335642	LOC100335642	zinc finger protein 177-like	-1,0
12708826	100313392	MIR92A	microRNA mir-92a	-1,0
12829642	404163	ST3GAL4	ST3 beta-galactoside alpha-2,3-sialyltransferase 4	-1,0
12718919	510457	C20orf111	chromosome 20 open reading frame 111	-1,0
12734407	280867	PRG4	proteoglycan 4	-1,0
12766852	100336704	LOC100336704	testis expressed sequence 2-like	-1,0
12885908	524106	ZNF354A	zinc finger protein 354A	-1,0
12901156	539776	NMBR	neuromedin B receptor	-1,0
12683637	444858	EIF4GI	eIF4GI protein	-1,0
12875828	616908	LOC616908	hypothetical protein LOC616908	-1,0
12772573	613607	ZBTB4	zinc finger and BTB domain containing 4	-1,0
12824495	616278	ERLIN2	ER lipid raft associated 2	-1,0
12688711	508656	CD276	CD276 molecule	-1,0
12807626	504842	SEC11C	SEC11 homolog C (<i>S. cerevisiae</i>)	-1,0
12783551	538775	KHDRBS1	KH domain containing, RNA binding, signal transduction associated 1	-1,0
12737777	788091	MAPKAPK2	mitogen-activated protein kinase-activated protein kinase 2	-1,0
12741898	280753	CPE	carboxypeptidase E	-1,0
12842483	100336841	LOC100336841	arginyl aminopeptidase (aminopeptidase B)-like 1-like	-1,0
12849706	508844	MKLN1	muskelin 1, intracellular mediator containing kelch motifs	-1,0
12868594	617351	H1FNT	H1 histone family, member N, testis-specific	-1,0
12869414	788285	LOC788285	similar to olfactory receptor 810	-1,0
12753565	541127	NFATC3	nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 3	-1,0
12884503	509290	PPP2R2B	protein phosphatase 2 (formerly 2A), regulatory subunit B, beta isoform	-1,0
12801762	512579	LOC512579	similar to olfactory receptor, family 12, subfamily D, member 3	-1,0
12818269	615869	TRIP6	thyroid hormone receptor interactor 6	-1,0
12896233	100141063	ECT2L	epithelial cell transforming sequence 2 oncogene-like	-1,0
12884252	508023	DOCK6	dedicator of cytokinesis 6	-1,0
12906402	100140899	LOC100140899	similar to Sprouty-related, EVH1 domain-containing protein 2 (Spred-2)	-1,0
12849578	505736	FLJ10803	hypothetical protein LOC505736	-1,0
12729722	540949	ANKRD49	ankyrin repeat domain 49	-1,0
12764813	538601	MLLT6	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, <i>Drosophila</i>); translocated to, 6	-1,0
12871189	517995	GPRIN3	GPRIN family member 3	-1,0
12777737	533065	SCN9A	sodium channel, voltage-gated, type IX, alpha subunit	-1,0
12880280	529551	LOC529551	similar to fibrillarin	-1,0
12887366	540311	HNRNPA0	heterogeneous nuclear ribonucleoprotein A0	-1,0
12812388	512477	ZNF48	zinc finger protein 48	-1,0
12848824	280762	DDC	dopa decarboxylase (aromatic L-amino acid decarboxylase)	-1,0
12778652	540561	TTN	titin	-1,0
12860749	531410	LOC531410	similar to Otogelin-like protein C12orf64	-1,0
12786754	100297474	LOC100297474	similar to ubiquitin-like protein fubi and ribosomal protein S30	-1,0
12801484	507996	BRPF3	bromodomain and PHD finger containing, 3	-1,0
12749916	504452	POLR2C	polymerase (RNA) II (DNA directed) polypeptide C, 33kDa	-1,0

12683322	281607	AGTR1	angiotensin II receptor, type 1	-1,0
12880685	535200	WIZ	widely interspaced zinc finger motifs	-1,0
12710472	540845	ALG11	asparagine-linked glycosylation 11, alpha-1,2-mannosyltransferase homolog (yeast)	-1,0
12828409	532077	LOC532077	similar to FLJ00185 protein	-1,0
12907031	281112	CYBB	cytochrome b-245, beta polypeptide	-1,0
12877673	505316	MGC127138	chromosome 19 open reading frame 21 homolog	-1,0
12744570	616597	RAD9B	RAD9 homolog B (S. pombe)	-1,0
12743459	531482	MORN3	MORN repeat containing 3	-1,0
12898060	534326	GPR126	G protein-coupled receptor 126	-1,0
12717126	617800	LOC617800	similar to KIAA0939 protein	-1,0
12831218	528432	MUS81	MUS81 endonuclease homolog (S. cerevisiae)	-1,0
12681108	526956	ACAD11	acyl-Coenzyme A dehydrogenase family, member 11	-1,0
12771500	532238	LOC532238	similar to olfactory receptor, family 1, subfamily A, member 1	-1,0
12682888	100138061	LOC100138061	similar to activating signal cointegrator 1 complex subunit 1	-1,0
12900997	535935	LATS1	LATS, large tumor suppressor, homolog 1 (Drosophila)	-1,0
12841340	616754	C3H1orf183	chromosome 1 open reading frame 183 ortholog	-1,0
12829092	100126826	TRIM49	tripartite motif-containing 49	-1,0
12721164	777790	CUGBP2	CUG triplet repeat, RNA binding protein 2	-1,0
12814225	617967	IL21R	interleukin 21 receptor	-1,0
12843460	506550	TSPAN1	tetraspanin 1	-1,0
12850129	513000	ING3	inhibitor of growth family, member 3	-1,0
12719237	514086	CDK5RAP1	CDK5 regulatory subunit associated protein 1	-1,0
12823009	613425	UROS	uroporphyrinogen III synthase	-1,0
12811567	327701	NDUFB10	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 10, 22kDa	-1,0
12723492	615997	TSPYL5	TSPY-like 5	-1,0
12853527	506450	CCM2	cerebral cavernous malformation 2	-1,0
12743782	534830	SCLT1	sodium channel and clathrin linker 1	-1,0
12715424	519439	SOX18	SRX (sex determining region Y)-box 18	-1,0
12692130	617512	CCNDBP1	cyclin D-type binding-protein 1	-1,0
12871060	515186	AGXT2L1	alanine-glyoxylate aminotransferase 2-like 1	-1,0
12741630	100126445	DGCR6L	DiGeorge syndrome critical region gene 6-like	-1,0
12842889	327696	SDHC	succinate dehydrogenase complex, subunit C, integral membrane protein, 15kDa	-1,0
12879207	515889	TM6SF2	transmembrane 6 superfamily member 2	-1,0
12860923	533203	MMP19	matrix metalloproteinase 19	-1,0
12838005	512748	AMPD1	adenosine monophosphate deaminase 1 (isoform M)	-1,0
12815464	504986	LOC504986	similar to polycystin 1	-1,0
12703284	786664	LOC786664	similar to olfactory receptor, family 1, subfamily L, member 6	-1,0
12833541	511951	DDB1	damage-specific DNA binding protein 1, 127kDa	-1,0
12805748	515712	BOLA	MHC class I heavy chain	-1,0
12718868	508899	NCOA6	nuclear receptor coactivator 6	-1,0
12768107	504876	RPL23	ribosomal protein L23	-1,0
12845860	529962	ZMYM4	zinc finger, MYM-type 4	-1,0
12784256	615113	MGC152346	Uncharacterized protein LOC285141 homolog	-1,0
12887000	537692	MBLAC2	metallo-beta-lactamase domain containing 2	-1,0
12838226	513598	SMG5	Smg-5 homolog, nonsense mediated mRNA decay factor (C. elegans)	-1,0
12770937	520734	MED1	mediator complex subunit 1	-1,0
12822648	532978	DHX32	DEAH (Asp-Glu-Ala-His) box polypeptide 32	-1,0
12765764	618655	ST6GALNAC1	ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-acetylglactosaminide alpha-2,6-sialyltransferase 1	-1,0
12902279	100140016	ARHGAP6	Rho GTPase activating protein 6	-1,0

12692887	100140532	LOC100140532	similar to novel ankyrin repeat domain containing protein	-1,0
12741036	614690	RBP7	retinol binding protein 7, cellular	-1,0
12849569	505408	C4H7orf64	chromosome 7 open reading frame 64 ortholog	-1,0
12883402	327685	ANXA6	annexin A6	-1,0
12872066	539310	ARL9	ADP-ribosylation factor-like 9	-1,0
12699109	505728	MRPL53	mitochondrial ribosomal protein L53	-1,0
12906940	100337331	LOC100337331	brain expressed, X-linked 4-like	-1,0
12784079	613677	LOC613677	similar to mCG124345	-1,0
12851464	538658	LOC538658	similar to CG3570 CG3570-PA	-1,0
12772117	538695	KLHL11	kelch-like 11 (Drosophila)	-1,0
12903979	514137	MGC165846	hypothetical LOC514137	-1,0
12710070	532845	COG3	component of oligomeric golgi complex 3	-1,0
12763131	513802	AKAP10	A kinase (PRKA) anchor protein 10	-1,0
12881841	616224	LOC616224	similar to HC12887	-1,0
12849736	509064	C4H7ORF11	chromosome 7 open reading frame 11 ortholog	-1,0
12701214	532237	PSD4	similar to PH and SEC7 domain-containing protein 4 (Pleckstrin homology and SEC7 domain-containing protein 4) (Exchange factor for ADP-ribosylation factor guanine nucleotide factor 6B) (Telomeric of interleukin-1 cluster protein)	-1,0
12705254	510957	MRPL19	mitochondrial ribosomal protein L19	-1,0
12889755	508018	FREM1	FRAS1 related extracellular matrix 1	-1,0
12725181	513243	ZNF704	zinc finger protein 704	-1,0
12775629	507430	NIPA2	non imprinted in Prader-Willi/Angelman syndrome 2	-1,0
12744597	616804	CTSO	similar to Cathepsin O	-1,0
12907161	281611	AKAP4	A kinase (PRKA) anchor protein 4	-1,0
12802666	531747	LOC531747	similar to soluble adenylyl cyclase	-1,0
12806413	538456	ZBTB22	zinc finger and BTB domain containing 22	-1,0
12699790	512854	MTA3	metastasis associated 1 family, member 3	-1,0
12771376	529835	ABI3	ABI family, member 3	-1,0
12728759	529308	LOC529308	similar to olfactory receptor MOR204-13	-1,0
12828563	534915	ASCC1	activating signal cointegrator 1 complex subunit 1	-1,0
12784663	784698	LOC784698	similar to Sm protein F	-1,0
12797242	618860	WDR48	WD repeat domain 48	-1,0
12852408	784270	LOC784270	similar to hCG2038584	-1,0
12900016	510557	HSF2	heat shock transcription factor 2	-1,0
12729509	539455	RNF141	ring finger protein 141	-1,0
12902073	100298312	LOC100298312	similar to killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 5A	-1,0
12900966	534650	RSPO3	R-spondin 3 homolog (Xenopus laevis)	-1,0
12748985	100300095	LOC100300095	similar to zinc finger protein 208	-1,0
12900274	515729	FUCA2	fucosidase, alpha-L- 2, plasma	-1,0
12814947	100297007	LOC100297007	hypothetical protein LOC100297007	-1,0
12708828	100335357	LOC100335357	hypothetical protein LOC100335357	-1,0
12889056	281078	CLTA	clathrin, light chain (Lca)	-1,0
12816039	507988	CYP3A4	cytochrome P450, subfamily IIIA, polypeptide 4	-1,0
12737283	614854	MIXL1	Mix1 homeobox-like 1 (Xenopus laevis)	-1,0
12717277	767926	COMMD3	COMM domain containing 3	-1,0
12876760	280890	PAM	peptidylglycine alpha-amidating monooxygenase	-1,0
12874983	533223	WDR1	WD repeat domain 1	-1,0
12717868	100335465	LOC100335465	hypothetical protein LOC100335465	-1,0
12699682	511001	CLEC4F	C-type lectin domain family 4, member F	-1,0
12905385	539668	CUL4B	cullin 4B	-1,0
12696099	533430	TRIP4	thyroid hormone receptor interactor 4	-1,0
12726253	784747	LOC784747	similar to Zinc finger protein ZFPM2 (Zinc finger protein multitype 2) (Friend of GATA protein 2) (FOG-2) (hFOG-2)	-1,0
12824920	360195	FUT10	fucosyltransferase 10 (alpha (1,3) fucosyltransferase)	-1,0

12883782	504888	LOC504888	similar to CfOLF4	-1,0
12691680	541255	NARG2	NMDA receptor regulated 2	-1,0
12879114	514910	FAM81B	family with sequence similarity 81, member B	-1,0
12762941	512144	VPS53	vacuolar protein sorting 53 homolog (S. cerevisiae)	-1,0
12879290	516567	SFRS14	splicing factor, arginine/serine-rich 14	-1,0
12867784	539150	RAB5B	RAB5B, member RAS oncogene family	-1,0
12862438	616451	TRMU	tRNA 5-methylaminomethyl-2-thiouridylate methyltransferase	-1,0
12827081	614824	HKDC1	hexokinase domain containing 1	-1,0
12725049	512740	PRKDC	protein kinase, DNA-activated, catalytic polypeptide	-1,0
12695469	524795	DNAJC17	DnaJ (Hsp40) homolog, subfamily C, member 17	-1,0
12791247	617871	LOC617871	similar to chromosome 14 open reading frame 132	-1,0
12772477	540676	IKZF3	IKAROS family zinc finger 3 (Aiolos)	-1,0
12800035	538964	CYP8B1	cytochrome P450, family 8, subfamily B, polypeptide 1	-1,0
12788427	618571	HEXB	hexosaminidase B (beta polypeptide)	-1,0
12785745	518857	ERCC8	excision repair cross-complementing rodent repair deficiency, complementation group 8	-1,0
12876477	100300349	LOC100300349	similar to scaffold attachment factor B2	-1,0
12713262	100295268	LOC100295268	hypothetical protein LOC100295268	-1,0
12684186	509871	NMD3	NMD3 homolog (S. cerevisiae)	-1,0
12862500	616791	C5H12orf45	chromosome 12 open reading frame 45 ortholog	-1,0
12863288	790892	PARVG	parvin, gamma	-1,0
12909481	535900	STARD8	StAR-related lipid transfer (START) domain containing 8	-1,0
12829065	100125591	IRF7	interferon regulatory factor 7	-1,0
12758744	538009	BRSK1	BR serine/threonine kinase 1	-1,0
12788534	783234	TTC23L	tetratricopeptide repeat domain 23-like	-1,0
12886113	528153	RUFY1	RUN and FYVE domain containing 1	-1,0
12692025	616348	C10H11ORF46	chromosome 11 open reading frame 46 ortholog	-1,0
12886388	530825	LOC530825	similar to Olfactory receptor 18 (Olfactory receptor 145-1) (Olfactory receptor TPCR34)	-1,0
12846071	532460	ZNF691	zinc finger protein 691	-1,0
12807288	100294962	LOC100294962	similar to high mobility group nucleosomal binding domain 3	-1,0
12794552	497030	C3orf39	glycosyltransferase	-1,0
12763000	512590	RECQL5	RecQ protein-like 5	-1,0
12857545	407146	ART4	ADP-ribosyltransferase 4 (Dombrock blood group)	-1,0
12871549	532327	FGFRL1	fibroblast growth factor receptor-like 1	-1,0
12826569	529235	DDIT4	DNA-damage-inducible transcript 4	-1,0
12830546	513400	NADSYN1	NAD synthetase 1	-1,0
12842026	790815	SCLY	selenocysteine lyase	-1,0
12850201	514662	LOC514662	similar to olfactory receptor OR7-15	-1,0
12797695	100125287	ATRIP	ATR interacting protein	-1,0
12737033	539563	MARK1	MAP/microtubule affinity-regulating kinase 1	-1,0
12811798	505638	TAF6	TAF6 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 80kDa	-1,0
12770445	515225	GHDC	GH3 domain containing	-1,0
12840570	538975	CNN3	calponin 3, acidic	-1,0
12831764	613623	LOC613623	hypothetical LOC613623	-1,0
12813220	526616	TNRC18	trinucleotide repeat containing 18	-1,0
12759295	616503	RRAS	related RAS viral (r-ras) oncogene homolog	-1,0
12720934	615959	AKR1E2	aldo-keto reductase family 1, member E2	-1,0
12757047	513006	NKG7	natural killer cell group 7 sequence	-1,0
12887682	614112	SNX24	sorting nexin 24	-1,0
12888202	784148	LOC784148	similar to zinc finger protein 709	-1,0
12720500	534850	C13H10ORF38	chromosome 10 open reading frame 38 ortholog	-1,0
12693905	505472	PYGL	phosphorylase, glycogen, liver	-1,0
12764915	539076	GGNBP2	gametogenetin binding protein 2	-1,0
12879177	515496	LOC515496	mitochondrial carrier protein-like	-1,0

12771919	535917	CA10	carbonic anhydrase X	-1,0
12688221	286796	NEDD8	neural precursor cell expressed, developmentally down-regulated 8	-1,0
12760360	100196898	LOC100196898	hypothetical LOC100196898	-1,0
12809952	524917	MRO	maestro	-1,0
12683511	282661	CD47	CD47 molecule	-1,0
12881855	616551	PRR22	proline rich 22	-1,0
12793311	535026	CHD2	chromodomain helicase DNA binding protein 2	-1,0
12753673	614788	HSF4	heat shock transcription factor 4	-1,0
12735921	519737	CFHR2	complement factor H-related 2	-1,0
12740562	538357	LOC538357	similar to glutamyl-prolyl tRNA synthetase	-1,0
12836852	505940	ARHGEF2	rho/rac guanine nucleotide exchange factor (GEF) 2	-1,0
12883770	504848	PRAM1	PML-RARA regulated adaptor molecule 1	-1,0
12729136	535092	MYO7A	myosin VIIA	-1,0
12693416	281360	DHRS4	dehydrogenase/reductase (SDR family) member 4	-1,0
12891606	540873	DAPK1	death-associated protein kinase 1	-1,0
12760266	100138731	BCL6B	B-cell CLL/lymphoma 6, member B (zinc finger protein)	-1,0
12823310	100125413	ZNF705A	zinc finger protein 705A	-1,0
12746988	525355	PPTC7	PTC7 protein phosphatase homolog (S. cerevisiae)	-1,0
12754899	789917	ZNF234	zinc finger protein 234	-1,0
12897680	528523	LOC528523	similar to hCG1812738	-1,0
12747663	537320	ADAD1	adenosine deaminase domain containing 1 (testis-specific)	-1,0
12818505	767862	FLJ13868	hypothetical protein FLJ13868	-1,0
12811348	281588	ABCC1	ATP-binding cassette, sub-family C (CFTR/MRP), member 1	-1,0
12879036	514521	TBC1D9B	TBC1 domain family, member 9B (with GRAM domain)	-1,0
12728186	517402	PDHX	pyruvate dehydrogenase complex, component X	-1,0
12859943	518980	OVCH1	ovochymase 1	-1,0
12764880	538777	SRP68	signal recognition particle 68kDa	-1,0
12896010	785629	NDUFA2	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 2, 8kDa	-1,0
12704585	507624	MAP4K3	mitogen-activated protein kinase kinase kinase kinase 3	-1,0
12894933	538990	DBC1	deleted in bladder cancer 1	-1,0
12878930	513471	MUM1	melanoma associated antigen (mutated) 1	-1,0
12840819	540379	ZNF697	zinc finger protein 697	-1,0
12690686	534600	ACIN1	apoptotic chromatin condensation inducer 1	-1,0
12873712	507292	COMMD8	COMM domain containing 8	-1,0
12755785	282060	SARS2	seryl-tRNA synthetase 2, mitochondrial	-1,0
12731496	508491	CSTF3	cleavage stimulation factor, 3' pre-RNA, subunit 3, 77kDa	-1,0
12739930	522863	NMNAT1	nicotinamide nucleotide adenyltransferase 1	-1,0
12709207	506275	WBP4	WW domain binding protein 4 (formin binding protein 21)	-1,0
12693336	100337083	LOC100337083	calcium/calmodulin-dependent protein kinase IV-like	-1,0
12863045	784935	LOC784935	similar to Histone acetyltransferase p300 (E1A-associated protein p300)	-1,0
12700877	525750	TTC32	tetratricopeptide repeat domain 32	-1,0
12710146	534126	FAM48A	family with sequence similarity 48, member A	-1,0
12888072	767586	KANK2	KN motif and ankyrin repeat domains 2	-1,0
12695304	522464	UBR1	ubiquitin protein ligase E3 component n-recognin 1	-1,0
12769521	511125	RNF135	ring finger protein 135	-1,0
12818839	100337100	LOC100337100	leucine-rich glioma-inactivated protein 1-like	-1,0
12792512	514186	SYNM	synemin, intermediate filament protein	-1,0
12725711	535021	LACTB2	lactamase, beta 2	-1,0
12679558	509583	DHX36	DEAH (Asp-Glu-Ala-His) box polypeptide 36	-1,0
12799840	534286	ALAS1	aminolevulinate, delta-, synthase 1	-1,0
12813411	532406	GIGYF1	GRB10 interacting GYF protein 1	-1,0

12686653	613916	C1H3ORF34	chromosome 3 open reading frame 34 ortholog	-1,0
12699236	506983	ZC3H8	zinc finger CCCH-type containing 8	-1,0
12880990	538435	LOC538435	similar to Heterogeneous nuclear ribonucleoproteins A2/B1 (hnRNP A2 / hnRNP B1)	-1,0
12694007	506176	TIPIN	TIMELESS interacting protein	-1,0
12789389	505757	PPP2R5C	protein phosphatase 2, regulatory subunit B', gamma isoform	-1,0
12795924	520498	CAMK1	calcium/calmodulin-dependent protein kinase I	-1,0
12886787	534524	DMXL1	Dmx-like 1	-1,0
12826125	509841	TIMM23	translocase of inner mitochondrial membrane 23 homolog (yeast)	-1,0
12897835	532686	ATG5	ATG5 autophagy related 5 homolog (S. cerevisiae)	-1,0
12853899	511617	MGC154956	similar to GTPase, IMAP family member 5	-1,0
12822310	517811	COX15	COX15 homolog, cytochrome c oxidase assembly protein (yeast)	-1,0
12804215	100295414	LOC100295414	hypothetical protein LOC100295414	-1,0
12797726	100295449	LOC100295449	similar to split hand/foot malformation type 1	-1,0
12709240	506566	ALG5	asparagine-linked glycosylation 5, dolichyl-phosphate beta-glucosyltransferase homolog (S. cerevisiae)	-1,0
12910441	781489	LOC781489	similar to melanoma antigen 2	-1,0
12836966	506322	NRAS	neuroblastoma RAS viral (v-ras) oncogene homolog	-1,0
12708428	768054	CARD9	caspase recruitment domain family, member 9	-1,0
12800934	100295973	LOC100295973	similar to tubulin, beta 2	-1,0
12687885	280729	B2M	beta-2-microglobulin	-1,0
12824413	537211	MGC159911	UPF0636 protein C4orf41 homolog	-1,0
12760470	100313151	MIR199C	microRNA mir-199c	-1,0
12704384	506267	RNF149	ring finger protein 149	-1,0
12700679	521982	NBAS	neuroblastoma amplified sequence	-1,0
12849534	505013	GIMAP5	GTPase, IMAP family member 5	-1,0
12827431	100139549	LOC100139549	similar to DET1 and DDB1 associated 1	-1,0
12746191	509706	ZNF74	zinc finger protein 74	-1,0
12790651	534872	MARK3	MAP/microtubule affinity-regulating kinase 3	-1,0
12702264	540337	PEX13	peroxisomal biogenesis factor 13	-1,0
12722899	528425	NUDCD1	NudC domain containing 1	-1,0
12708750	100170926	MIR19A	microRNA mir-19a	-1,0
12684443	512635	TTC14	tetratricopeptide repeat domain 14	-1,0
12803566	616399	ATXN1	ataxin 1	-1,0
12748228	767894	UBE2L3	ubiquitin-conjugating enzyme E2L 3	-1,0
12871867	537500	PRDM5	PR domain containing 5	-1,0
12824717	100297571	LOC100297571	hypothetical protein LOC100297571	-1,0
12779562	768077	ORMDL1	ORM1-like 1 (S. cerevisiae)	-1,0
12717982	281400	PHYH	phytanoyl-CoA 2-hydroxylase	-1,0
12694398	510041	PSME1	proteasome (prosome, macropain) activator subunit 1 (PA28 alpha)	-1,0
12827367	784893	ZNF248	zinc finger protein 248	-1,0
12806544	540294	MED20	mediator complex subunit 20	-1,0
12823152	615724	C26H10ORF4	chromosome 10 open reading frame 4 ortholog	-1,0
12838018	512753	C3H1ORF212	chromosome 1 open reading frame 212 ortholog	-1,0
12687129	781766	LCA5L	Leber congenital amaurosis 5-like	-1,0
12708320	618652	LOC618652	similar to 1A6/DRIM (down-regulated in metastasis) interacting protein	-1,0
12899861	507456	AGPAT4	1-acylglycerol-3-phosphate O-acyltransferase 4 (lysophosphatidic acid acyltransferase, delta)	-1,0
12842602	281135	S1PR1	sphingosine-1-phosphate receptor 1	-1,0
12832752	337897	PAG2	pregnancy-associated glycoprotein 2	-1,0
12898558	539925	SLC35D3	solute carrier family 35, member D3	-1,0
12730267	783833	INPPL1	inositol polyphosphate phosphatase-like 1	-1,0
12844850	515090	LOC515090	similar to olfactory receptor MOR103-2	-1,0
12801832	513270	NUP153	nucleoporin 153kDa	-1,0

12893711	513706	LOC513706	similar to interferon-tau	-1,0
12862540	617565	CLEC2D	C-type lectin domain family 2, member D	-1,0
12797571	786139	ZNF619	similar to zinc finger protein 619	-1,0
12803392	540716	SLC39A7	solute carrier family 39 (zinc transporter), member 7	-1,0
12796202	530346	ZNF619	zinc finger protein 619	-1,0
12894835	537958	XPA	xeroderma pigmentosum, complementation group A	-1,0
12755403	100300478	LOC100300478	similar to sialic acid binding Ig-like lectin 5	-1,0
12743540	533600	GOLGA3	golgi autoantigen, golgin subfamily a, 3	-1,0
12887199	539785	SAFB	scaffold attachment factor B	-1,0
12759735	782793	PRKD2	protein kinase D2	-1,0
12745939	506597	GPN3	GPN-loop GTPase 3	-1,0
12706598	529958	GLT6D1	glycosyltransferase 6 domain containing 1	-1,0
12692364	783426	RNASE11	ribonuclease, RNase A family, 11 (non-active)	-1,0
12723279	538602	EXT1	exostoses (multiple) 1	-1,0
12751697	515033	NDRG4	NDRG family member 4	-1,0
12722739	522769	LOC522769	similar to N-6 adenine-specific DNA methyltransferase 2 (putative)	-1,0
12858031	506115	CTDSP2	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase 2	-1,0
12718133	282873	ACSS1	acyl-CoA synthetase short-chain family member 1	-1,0
12859629	515222	CRELD2	cysteine-rich with EGF-like domains 2	-1,0
12793067	532715	IQGAP1	IQ motif containing GTPase activating protein 1	-1,0
12889102	281641	ATP6V1G1	ATPase, H ⁺ transporting, lysosomal 13kDa, V1 subunit G1	-1,0
12891519	539526	LOC539526	hypothetical LOC539526	-1,0
12866871	532244	MICAL3	microtubule associated monooxygenase, calponin and LIM domain containing 3	-1,0
12877415	407769	C7H19orf10	chromosome 19 open reading frame 10 ortholog	-1,0
12821440	281904	LOXL4	lysyl oxidase-like 4	-1,0
12772938	616992	NT5M	5',3'-nucleotidase, mitochondrial	-1,0
12850206	514693	AGK	acylglycerol kinase	-1,0
12890737	525618	SLC24A2	solute carrier family 24 (sodium/potassium/calcium exchanger), member 2	-1,0
12765254	613551	TMEM93	transmembrane protein 93	-1,0
12855592	541056	GRM3	glutamate receptor, metabotropic 3	-1,0
12825110	512941	PURG	purine-rich element binding protein G	-1,0
12688252	369021	RDH12	retinol dehydrogenase 12 (all-trans/9-cis/11-cis)	-1,0
12768972	508750	TBX4	T-box 4	-1,0
12786470	541159	LOC541159	similar to Myotubularin-related protein 12 (Phosphatidylinositol-3 phosphate 3-phosphatase adapter subunit) (3-phosphatase adapter protein) (3-PAP)	-1,0
12861712	539202	XPNPEP3	X-prolyl aminopeptidase (aminopeptidase P) 3, putative	-1,0
12800235	541014	LOC541014	hypothetical protein LOC541014	-1,0
12739154	509348	LBR	lamin B receptor	-1,0
12784688	786239	LOC786239	similar to UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 2	-1,0
12756582	508777	CDH16	cadherin 16, KSP-cadherin	-1,0
12880140	527118	LOC527118	similar to mCG5922	-1,0
12875203	535227	CYP2U1	cytochrome P450, family 2, subfamily U, polypeptide 1	-1,0
12721755	282886	MMP16	matrix metalloproteinase 16 (membrane-inserted)	-1,0
12729188	535258	CWC15	CWC15 spliceosome-associated protein homolog (S. cerevisiae)	-1,0
12841948	788551	FLG	filaggrin	-1,0
12731471	508345	APIP	APAF1 interacting protein	-1,0
12762386	509002	SHMT1	serine hydroxymethyltransferase 1 (soluble)	-1,0
12762062	507204	NLK	nemo-like kinase	-1,0
12773189	767871	LOC767871	hypothetical protein LOC767871	-1,0

12678807	282468	SLCO2A1	solute carrier organic anion transporter family, member 2A1	-1,0
12833931	518121	CDC42BPG	CDC42 binding protein kinase gamma (DMPK-like)	-1,0
12691258	540232	CTDSPL2	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase like 2	-1,0
12820434	534072	BTRC	beta-transducin repeat containing	-1,0
12889879	508893	TLE4	transducin-like enhancer of split 4 (E(sp1) homolog, Drosophila)	-1,0
12786334	540068	FAM134B	family with sequence similarity 134, member B	-1,0
12878519	510427	TICAM1	toll-like receptor adaptor molecule 1	-1,0
12705891	515743	RNF181	ring finger protein 181	-1,0
12789538	507213	PSMA6	proteasome (prosome, macropain) subunit, alpha type, 6	-1,0
12827009	613715	C28H10ORF10	chromosome 10 open reading frame 10 ortholog	-1,0
12775460	506562	BZW1	basic leucine zipper and W2 domains 1	-1,0
12829590	338419	SCGB1D2	secretoglobin, family 1D, member 2	-1,0
12709812	524352	ARHGEF7	Rho guanine nucleotide exchange factor (GEF) 7	-1,0
12788605	100139881	CMA1	chymase 1, mast cell	-1,0
12681358	533064	FBXO45	F-box protein 45	-1,0
12748113	615795	VPREB3	pre-B lymphocyte 3	-1,0
12796560	537173	ERC2	ELKS/RAB6-interacting/CAST family member 2	-1,0
12893285	510325	KIAA1539	btKIAA1539	-1,0
12742074	286866	TRPC3	transient receptor potential cation channel, subfamily C, member 3	-1,0
12864334	404108	MYH9	myosin, heavy chain 9, non-muscle	-1,0
12837459	509251	S100A5	S100 calcium binding protein A5	-1,0
12777810	533985	RHBDD1	rhomboid domain containing 1	-1,0
12806595	541184	E2F3	E2F transcription factor 3	-1,0
12783013	534961	C1QA	complement component 1, q subcomponent, A chain	-1,0
12718608	506990	PPDPF	pancreatic progenitor cell differentiation and proliferation factor	-1,0
12876204	100138035	TMCO6	transmembrane and coiled-coil domains 6	-1,0
12854901	531720	KLRG2	killer cell lectin-like receptor subfamily G, member 2	-1,0
12771103	523538	TRPV3	transient receptor potential cation channel, subfamily V, member 3	-1,0
12774820	338072	SMARCAL1	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a-like 1	-1,0
12749545	282862	BCAM	basal cell adhesion molecule (Lutheran blood group)	-1,0
12748123	615916	LSM6	LSM6 homolog, U6 small nuclear RNA associated (S. cerevisiae)	-1,0
12750962	510719	TXNL4B	thioredoxin-like 4B	-1,0
12758063	526306	EXOC3L	exocyst complex component 3-like	-1,0
12887956	617472	TMEM146	transmembrane protein 146	-1,0
12770284	514812	KRT19	keratin 19	-1,0
12832699	286853	RPLP2	ribosomal protein, large, P2	-1,0
12900949	534359	CLVS2	clavesin 2	-1,0
12883851	505276	DDX41	DEAD (Asp-Glu-Ala-Asp) box polypeptide 41	-1,0
12720673	538877	LOC538877	similar to Uncharacterized protein C20orf177	-1,0
12819755	516001	TAF5	TAF5 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 100kDa	-1,0
12821417	281730	CTBP2	C-terminal binding protein 2	-1,0
12906289	791060	MIR532	microRNA mir-532	-1,0
12906113	784529	BCOR	BCL6 co-repressor	-1,0
12754742	787634	LOC787634	similar to HAI-2 related small protein	-1,0
12787340	511829	GTF2H2	general transcription factor IIH, polypeptide 2, 44kDa	-1,0
12798533	505708	PRKCD	protein kinase C, delta	-1,0
12789500	506604	ISG20	interferon stimulated exonuclease gene 20kDa	-1,0
12814236	617968	C25H7ORF47	chromosome 7 open reading frame 47 ortholog	-1,0
12732283	519071	LOC519071	similar to olfactory receptor MOR23-1	-1,0

12885042	512484	TYK2	tyrosine kinase 2	-1,0
12729629	540139	REXO2	REX2, RNA exonuclease 2 homolog (<i>S. cerevisiae</i>)	-1,0
12879814	524160	LOC524160	similar to olfactory receptor, family 2, subfamily T, member 3	-1,0
12798882	511009	ARL8B	ADP-ribosylation factor-like 8B	-1,0
12852081	617867	LOC617867	hypothetical LOC617867	-1,0
12733318	541119	SLC1A2	solute carrier family 1 (glial high affinity glutamate transporter), member 2	-1,0
12750723	509981	NIP7	nuclear import 7 homolog (<i>S. cerevisiae</i>)	-1,0
12830772	515247	SCYL1	SCY1-like 1 (<i>S. cerevisiae</i>)	-1,0
12701582	535487	INPP4A	inositol polyphosphate-4-phosphatase, type I, 107kDa	-1,0
12738176	100336740	LOC100336740	heat shock 70kDa protein 5-like	-1,0
12855695	613784	SLC35B4	solute carrier family 35, member B4	-1,0
12851345	537130	SUN3	Sad1 and UNC84 domain containing 3	-1,0
12709490	510575	ITM2B	integral membrane protein 2B	-1,0
12885894	523726	MIER2	mesoderm induction early response 1, family member 2	-1,0
12774686	317658	HMGCL	3-hydroxymethyl-3-methylglutaryl-Coenzyme A lyase	-1,0
12690706	534708	RAB11A	RAB11A, member RAS oncogene family	-1,0
12752100	520499	CMTM2	CKLF-like MARVEL transmembrane domain containing 2	-1,0
12689062	511898	PDIA6	protein disulfide isomerase family A, member 6	-1,0
12787494	515565	ROPN1L	ropporin 1-like	-1,0
12747470	535072	ANAPC7	anaphase promoting complex subunit 7	-1,0
12779133	614310	SFRS4	splicing factor, arginine/serine-rich 4	-1,0
12907448	505052	LOC505052	similar to odorant binding protein	-1,0
12788473	767877	CCDC152	coiled-coil domain containing 152	-1,0
12739432	513852	PM20D1	peptidase M20 domain containing 1	-1,0
12813751	539745	GTF2IRD2	GTF2I repeat domain containing 2	-1,0
12725420	521950	LOC521950	similar to rCG60008	-1,0
12720850	614651	JPH2	junctophilin 2	-1,0
12820017	523601	EMX2	empty spiracles homeobox 2	-1,0
12793206	533792	NOVA1	neuro-oncological ventral antigen 1	-1,0
12692452	783948	RSL24D1	ribosomal L24 domain containing 1	-1,0
12716039	529591	PHF20	PHD finger protein 20	-1,0
12723184	535166	LOC535166	similar to mKIAA1077 protein	-1,0
12770671	516915	CD300A	CD300a molecule	-1,0
12769856	512527	CWC25	CWC25 spliceosome-associated protein homolog (<i>S. cerevisiae</i>)	-1,0
12890504	517788	UBAP1	ubiquitin associated protein 1	-1,0
12708524	783762	VPS54	vacuolar protein sorting 54 homolog (<i>S. cerevisiae</i>)	-1,0
12754258	618809	VAT1L	vesicle amine transport protein 1 homolog (<i>T. californica</i>)-like	-1,0
12859230	512529	ANO2	anoctamin 2	-1,0
12820022	523664	BTAFL	similar to TATA-binding protein-associated factor 172 (ATP-dependent helicase BTAFL) (TBP-associated factor 172) (TAF-172) (TAF(II)170) (B-TFIID transcription factor-associated 170 kDa subunit)	-1,0
12720932	615933	LOC615933	similar to 60S ribosomal protein L12	-1,0
12715034	513969	LOC513969	similar to ankyrin repeat domain 26	-1,0
12791206	616452	MESDC1	mesoderm development candidate 1	-1,0
12700159	516122	CERCAM	cerebral endothelial cell adhesion molecule	-1,0
12771355	529788	CCDC40	coiled-coil domain containing 40	-1,0
12838662	516522	FRRS1	ferric-chelate reductase 1	-1,0
12787180	507991	MTRR	5-methyltetrahydrofolate-homocysteine methyltransferase reductase	-1,0
12760185	790230	LOC790230	similar to ribosomal protein L27a	-1,0
12777684	532872	MYOM3	myomesin family, member 3	-1,0
12907197	281813	FUNDC2	FUN14 domain containing 2	-1,0
12707105	536073	KDM3A	lysine (K)-specific demethylase 3A	-1,0

12746326	511883	ANKRD13A	ankyrin repeat domain 13A	-1,0
12806571	540547	CCND3	cyclin D3	-1,0
12699915	514033	PDCL3	phosducin-like 3	-1,0
12897426	519626	OGFRL1	opioid growth factor receptor-like 1	-1,0
12717410	783682	MGC152301	hypothetical protein LOC783682	-1,0
12707198	537224	LPIN1	lipin 1	-1,0
12871970	538184	POLR2B	polymerase (RNA) II (DNA directed) polypeptide B, 140kDa	-1,0
12730238	782913	LOC782913	similar to olfactory receptor MOR186-1	-1,0
12739578	514940	IVNS1ABP	influenza virus NS1A binding protein	-1,0
12686744	614746	EIF2A	eukaryotic translation initiation factor 2A, 65kDa	-1,0
12863747	100336710	LOC100336710	N-acylneuraminate cytidyltransferase-like	-1,0
12900939	534354	MTRF1L	mitochondrial translational release factor 1-like	-1,0
12906534	100300003	LOC100300003	similar to ferritin, heavy polypeptide-like 17	-1,0
12754367	768042	MRPS12	mitochondrial ribosomal protein S12	-1,0
12732071	514386	BIRC3	baculoviral IAP repeat-containing 3	-1,0
12879343	518612	PCDHB13	protocadherin beta 13	-1,0
12770055	513445	TMEM98	transmembrane protein 98	-1,0
12766824	100313311	MIR365-2	microRNA mir-365-2	-1,0
12814535	784639	TMEM159	transmembrane protein 159	-1,0
12745258	100337463	LOC100337463	F-box and WD-40 domain protein 7-like	-1,0
12682338	614562	CPN2	carboxypeptidase N, polypeptide 2	-1,0
12759692	768078	MGC140224	hypothetical protein MGC140224	-1,0
12710603	615659	ZDHHC20	zinc finger, DHHC-type containing 20	-1,0
12847927	781667	LOC781667	similar to NEPH1 protein	-1,0
12821858	509768	MTG1	mitochondrial GTPase 1 homolog (S. cerevisiae)	-1,0
12728293	519902	LOC519902	similar to rCG39757	-1,0
12732318	519995	BTG4	B-cell translocation gene 4	-1,0
12746763	515808	PUS1	pseudouridylate synthase 1	-1,0
12901006	536155	REPS1	RALBP1 associated Eps domain containing 1	-1,0
12901388	615499	FHL5	four and a half LIM domains 5	-1,0
12768625	508108	B4GALNT2	beta-1,4-N-acetyl-galactosaminyl transferase 2	-1,0
12795811	518447	IQCF1	IQ motif containing F1	-1,0
12801174	282316	POU5F1	POU class 5 homeobox 1	-1,0
12883172	281717	HAPLN1	hyaluronan and proteoglycan link protein 1	-1,0
12808091	530407	NETO1	neuropilin (NRP) and tolloid (TLL)-like 1	-1,0
12792074	508226	LOC508226	similar to CDC42-binding protein kinase beta	-1,0
12756395	506364	SIGLEC8	sialic acid binding Ig-like lectin 8	-1,0
12855499	539788	CBX3	chromobox homolog 3 (HP1 gamma homolog, Drosophila)	-1,0
12702319	540828	PHYHD1	phytanoyl-CoA dioxygenase domain containing 1	-1,0
12895201	541156	SCARA3	scavenger receptor class A, member 3	-1,0
12727468	510592	TTC36	tetratricopeptide repeat domain 36	-1,0
12827782	282524	SLC25A16	solute carrier family 25 (mitochondrial carrier; Graves disease autoantigen), member 16	-1,0
12708468	782437	LOC782437	similar to ribosomal protein L7	-1,0
12765534	616772	LOC616772	hypothetical LOC616772	-1,0
12737340	616050	SMYD3	SET and MYND domain containing 3	-1,0
12752936	533611	BBS2	Bardet-Biedl syndrome 2	-1,0
12855458	539650	IGF2BP3	insulin-like growth factor 2 mRNA binding protein 3	-1,0
12678907	444860	ST3GAL6	ST3 beta-galactoside alpha-2,3-sialyltransferase 6	-1,0
12905536	541149	LOC541149	similar to transmembrane protein 185A	-1,0
12731179	504569	LOC504569	similar to olfactory receptor 566	-1,0
12723476	615152	LOC615152	similar to chromosome 8 open reading frame 34	-1,0
12724349	404155	LAPTM4B	lysosomal protein transmembrane 4 beta	-1,0
12839119	524464	SEMA6C	sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6C	-1,0
12855561	540846	ETV1	ets variant 1	-1,0
12737820	789395	RC3H1	ring finger and CCCH-type zinc finger domains 1	-1,0

12735459	511599	LOC511599	UPF0739 protein C1orf74 homolog	-1,0
12887923	617136	SRFBP1	serum response factor binding protein 1	-1,0
12769323	510260	CAMKK1	calcium/calmodulin-dependent protein kinase kinase 1, alpha	-1,0
12815724	505998	NFATC2IP	nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 2 interacting protein	-1,0
12756707	509649	MGC139164	hypothetical LOC509649	-1,0
12777860	534440	INSIG2	insulin induced gene 2	-1,0
12726974	504391	TRAPPC4	trafficking protein particle complex 4	-1,0
12696956	541232	NDUFAF1	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly factor 1	-1,0
12804229	100296268	LOC100296268	similar to leukocyte specific transcript 1	-1,0
12730560	100301259	LOC100301259	similar to olfactory receptor 480	-1,0
12683081	100336553	LOC100336553	hypothetical protein LOC100336553	-1,0
12714592	509546	ERGIC3	ERGIC and golgi 3	-1,0
12724640	508692	OSR2	odd-skipped related 2 (Drosophila)	-1,0
12876108	785585	LOC785585	similar to Transmembrane protease, serine 11b	-1,0
12835758	280936	SV2A	synaptic vesicle glycoprotein 2A	-1,0
12809092	100337206	LOC100337206	methyl-CpG binding domain protein 2-like	-1,0
12809919	522917	RIOK3	RIO kinase 3 (yeast)	-1,0
12684143	508864	ZBTB20	zinc finger and BTB domain containing 20	-1,0
12689409	515063	NDRG2	NDRG family member 2	-1,0
12829605	359721	RTN3	reticulon 3	-1,0
12821255	100336729	LOC100336729	CG8379-like	-1,0
12871103	516995	NOP14	NOP14 nucleolar protein homolog (yeast)	-1,0
12847375	614777	CDC14A	CDC14 cell division cycle 14 homolog A (S. cerevisiae)	-1,0
12729740	541211	DIXDC1	DIX domain containing 1	-1,0
12906243	787180	CT47B1	cancer/testis antigen family 147, member B1	-1,0
12699071	505421	NPHP1	nephronophthisis 1 (juvenile)	-1,0
12740800	540683	VPS13D	vacuolar protein sorting 13 homolog D (S. cerevisiae)	-1,0
12780051	100337004	LOC100337004	hypothetical protein LOC100337004	-1,0
12755271	100296459	LOC100296459	hypothetical protein LOC100296459	-1,0
12719646	517987	NEBL	nebulin	-1,0
12792125	508510	SCAMP5	secretory carrier membrane protein 5	-1,0
12684497	513211	HSPBAP1	HSPB (heat shock 27kDa) associated protein 1	-1,0
12745233	100313411	MIR1721	microRNA mir-1721	-1,0
12851820	614615	THAP5	THAP domain containing 5	-1,0
12750074	505512	SAE1	SUMO1 activating enzyme subunit 1	-1,0
12685868	535332	METTL6	methyltransferase like 6	-1,0
12885421	514781	C7H5ORF15	chromosome 5 open reading frame 15 ortholog	-1,0
12742458	510513	TCTN1	tectonic family member 1	-1,0
12909379	535064	LOC535064	similar to U2 small nuclear ribonucleoprotein auxiliary factor 35 kDa subunit-related protein 2 (U2(RNU2) small nuclear RNA auxiliary factor 1-like 2) (CCCH type zinc finger, RNA-binding motif and serine/arginine rich protein 2) (Renal carcinoma an	-1,0
12849628	508011	TTC26	similar to tetratricopeptide repeat domain 26	-1,0
12881666	614757	C7H5orf45	chromosome 5 open reading frame 45 homolog	-1,0
12710632	616069	N4BP2L1	NEDD4 binding protein 2-like 1	-1,0
12836504	504762	LOC504762	similar to chromosome 1 open reading frame 87	-1,0
12897640	527565	HACE1	HECT domain and ankyrin repeat containing, E3 ubiquitin protein ligase 1	-1,0
12713619	281876	ITGB1	integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12)	-1,0
12703691	100336900	LOC100336900	CG11874-like	-1,0
12699885	513777	CCDC104	coiled-coil domain containing 104	-1,0
12715848	526612	NSFL1C	NSFL1 (p97) cofactor (p47)	-1,0
12798698	508355	ITIH3	inter-alpha (globulin) inhibitor H3	-1,0
12780277	281869	INPP1	inositol polyphosphate-1-phosphatase	-1,0

12841481	618234	ZMYM6	zinc finger, MYM-type 6	-1,0
12810244	534815	PIK3C3	phosphoinositide-3-kinase, class 3	-1,0
12824720	100298682	LOC100298682	hypothetical protein LOC100298682	-1,0
12910823	791023	MIR92	microRNA mir-92	-1,0
12870959	514182	LOC514182	similar to CG10341-PA	-1,0
12876633	100337121	LOC100337121	protocadherin gamma subfamily B, 2-like	-1,0
12883296	282119	VDAC1	voltage-dependent anion channel 1	-1,0
12866916	532778	ARFGAP3	ADP-ribosylation factor GTPase activating protein 3	-1,0
12853440	505226	MGC134574	hypothetical LOC505226	-1,0
12903340	505725	PAGE4	P antigen family, member 4 (prostate associated)	-1,0
12717009	616164	CHMP4B	chromatin modifying protein 4B	-1,0
12813977	615062	BCL7B	B-cell CLL/lymphoma 7B	-1,0
12727667	512316	LOC512316	similar to olfactory receptor, family 56, subfamily A, member 1	-1,0
12722599	519708	YTHDF3	YTH domain family, member 3	-1,0
12817928	537386	C25H16orf65	PDZ domain-containing protein C16orf65 homolog	-1,0
12776760	517320	ZSWIM2	zinc finger, SWIM-type containing 2	-1,0
12731761	511570	LOC511570	similar to olfactory receptor Olf190	-1,0
12863277	790464	SELO	selenoprotein O	-1,0
12896738	407223	HDAC2	histone deacetylase 2	-1,0
12736359	527428	RABGAP1L	RAB GTPase activating protein 1-like	-1,0
12810064	529511	LOC529511	similar to olfactory receptor 1160	-1,0
12751999	518859	NUDT21	nudix (nucleoside diphosphate linked moiety X)-type motif 21	-1,0
12838972	522241	AGAP1	ArfGAP with GTPase domain, ankyrin repeat and PH domain 1	-1,0
12833514	511435	CD81	CD81 molecule	-1,0
12764289	532332	NEK8	NIMA (never in mitosis gene a)- related kinase 8	-1,0
12736448	529699	ZC3H11A	zinc finger CCCH-type containing 11A	-1,0
12811974	507493	ITFG3	integrin alpha FG-GAP repeat containing 3	-1,0
12754295	767826	ZNF181	zinc finger protein 181	-1,0
12876590	100336707	LOC100336707	nuclear receptor binding SET domain protein 1-like	-1,0
12836201	327711	CTSS	cathepsin S	-1,0
12864496	504755	NAB2	NGFI-A binding protein 2 (EGR1 binding protein 2)	-1,0
12799813	534216	RBM5	RNA binding motif protein 5	-1,0
12845619	527379	ZMYM1	zinc finger, MYM-type 1	-1,0
12847362	614766	RPRD2	Regulation of nuclear pre-mRNA domain containing 2	-1,0
12794223	100313000	MIR138-1	microRNA mir-138-1	-1,0
12789043	281731	GZMB	granzyme B (granzyme 2, cytotoxic T-lymphocyte-associated serine esterase 1)	-1,0
12759686	768043	MGC137725	hypothetical protein MGC137725	-1,0
12834676	539185	LOC539185	similar to olfactory receptor 145	-1,0
12703161	783869	GTF3C5	general transcription factor IIIC, polypeptide 5, 63kDa	-1,0
12789322	505220	PTPN9	protein tyrosine phosphatase, non-receptor type 9	-1,0
12733601	616832	DCDC1	doublecortin domain containing 1	-1,0
12722176	510019	FAM49B	family with sequence similarity 49, member B	-1,0
12854944	532626	GPR37	G protein-coupled receptor 37 (endothelin receptor type B-like)	-1,0
12902126	100336193	LOC100336193	dynein light chain 1-like	-1,0
12844109	511052	INTS3	integrator complex subunit 3	-1,0
12758530	533873	DHODH	dihydroorotate dehydrogenase	-1,0
12841212	615258	LOC615258	similar to mCG4550	-1,0
12692964	100296216	LOC100296216	similar to chromosome 14 open reading frame 119	-1,0
12733986	787584	LOC787584	similar to olfactory receptor Olf185	-1,0
12894008	518850	SUSD1	sushi domain containing 1	-1,0
12879927	525506	DAPK3	death-associated protein kinase 3	-1,0
12713839	286863	YWHAB	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, beta polypeptide	-1,0
12889280	407101	TJP2	tight junction protein 2 (zona occludens 2)	-1,0

12791069	614017	SRP54	signal recognition particle 54kDa	-1,0
12893731	514024	IFT74	intraflagellar transport 74 homolog (Chlamydomonas)	-1,0
12717939	281017	ATRN	attractin	-1,0
12818091	540398	PPP4C	protein phosphatase 4 (formerly X), catalytic subunit	-1,0
12879802	523911	TXNDC15	thioredoxin domain containing 15	-1,0
12748320	783304	LOC783304	similar to fertilin alpha-I	-1,0
12906936	100337317	LOC100337317	killer cell immunoglobulin-like receptor, three domains, long cytoplasmic tail, 1-like	-1,0
12804052	790307	SYNGAP1	synaptic Ras GTPase activating protein 1 homolog (rat)	-1,0
12683034	100335468	LOC100335468	hypothetical protein LOC100335468	-1,0
12839837	532903	WARS2	tryptophanyl tRNA synthetase 2, mitochondrial	-1,0
12814300	618141	ZNF3	zinc finger protein 3	-1,0
12848835	280826	IL6	interleukin 6 (interferon, beta 2)	-1,0
12784641	784225	ALS2CR12	amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 12	-1,0
12753450	539847	ZNF383	zinc finger protein 383	-1,0
12781494	513406	CCDC115	coiled-coil domain containing 115	-1,0
12727886	514366	LOC514366	similar to Olfactory receptor 4D9 (Olfactory receptor OR11-253)	-1,0
12753417	539651	SETD6	SET domain containing 6	-1,0
12846213	533643	ZNF326	zinc finger protein 326	-1,0
12804549	281917	MOCS1	molybdenum cofactor synthesis 1	-1,0
12905875	617179	TSPYL2	TSPY-like 2	-1,0
12851673	540792	UBN2	ubiquitin 2	-1,0
12830876	516679	TPCN2	two pore segment channel 2	-1,0
12751960	518466	TMEM86B	transmembrane protein 86B	-1,0
12745498	286814	P2RX7	purinergic receptor P2X, ligand-gated ion channel, 7	-1,0
12809588	511649	LMAN1	lectin, mannose-binding, 1	-1,0
12772225	539211	PIP4K2B	phosphatidylinositol-5-phosphate 4-kinase, type II, beta	-1,0
12810130	530360	ZNF407	zinc finger protein 407	-1,0
12693142	100298995	LOC100298995	hypothetical protein LOC100298995	-1,0
12792817	521470	TRAPPC6B	trafficking protein particle complex 6B	-1,0
12864745	506413	C1QTNF6	C1q and tumor necrosis factor related protein 6	-1,0
12713572	280955	VIM	vimentin	-1,0
12805490	513466	TEAD3	TEA domain family member 3	-1,0
12697792	786690	BVD1.15	similar to TRD@ protein	-1,0
12823509	281854	IKBKB	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta	-1,0
12889602	507081	C8H9orf6	chromosome 9 open reading frame 6 ortholog	-1,0
12853001	281418	PPIA	peptidylprolyl isomerase A (cyclophilin A)	-1,0
12733940	785866	LOC785866	similar to olfactory receptor 1440	-1,0
12686874	615672	VPS8	vacuolar protein sorting 8 homolog (S. cerevisiae)	-1,0
12882644	100139105	RAB3D	RAB3D, member RAS oncogene family	-1,0
12900823	532822	QRSL1	glutamyl-tRNA synthase (glutamine-hydrolyzing)-like 1	-1,0
12811765	505168	ANKS4B	ankyrin repeat and sterile alpha motif domain containing 4B	-1,0
12818431	618488	CYTH3	cytohesin 3	-1,0
12695983	532565	RTN1	reticulon 1	-1,0
12852854	100337473	LOC100337473	GJ17461-like	-1,0
12709710	515298	NUDT15	nudix (nucleoside diphosphate linked moiety X)-type motif 15	-1,0
12873258	281812	FGFBP1	fibroblast growth factor-binding protein (FGF-BP)	-1,0
12752672	531059	ZNF415	zinc finger protein 415	-1,0
12846546	535940	TNNI3K	TNNI3 interacting kinase	-1,0
12799079	515122	ABHD14A	abhydrolase domain containing 14A	-1,0
12862136	541172	ZDHHC17	zinc finger, DHHC-type containing 17	-1,0

12868298	614572	HELB	helicase (DNA) B	-1,0
12887383	540524	ISOC1	isochorismatase domain containing 1	-1,0
12879520	521340	PCDHGA8	protocadherin gamma subfamily A, 8	-1,0
12856434	100300099	LOC100300099	hypothetical LOC100300099	-1,0
12867949	540106	PDGFB	platelet-derived growth factor beta polypeptide (simian sarcoma viral (v-sis) oncogene homolog)	-1,0
12679696	510558	ASTE1	asteroid homolog 1 (Drosophila)	-1,0
12884325	508156	SSBP4	single stranded DNA binding protein 4	-1,0
12838462	514540	LOC514540	similar to olfactory receptor 424	-1,0
12779513	617995	COPS7B	COP9 constitutive photomorphogenic homolog subunit 7B (Arabidopsis)	-1,0
12766220	789036	CASKIN2	CASK interacting protein 2	-1,0
12789714	510810	WHAMM	WAS protein homolog associated with actin, golgi membranes and microtubules	-1,0
12901845	100297716	LOC100297716	similar to thymosin, beta 4	-1,0
12718108	282407	B4GALT5	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 5	-1,0
12797263	692183	FHIT	fragile histidine triad gene	-1,0
12861191	535351	VEZT	vezatin, adherens junctions transmembrane protein	-1,0
12716586	538525	YTHDF1	YTH domain family, member 1	-1,0
12847844	767996	LELP1	late cornified envelope-like proline-rich 1	-1,0
12822795	535781	LOC535781	similar to CTCL tumor antigen L14-2	-1,0
12786213	538494	ZFR	zinc finger RNA binding protein	-1,0
12904682	529109	LOC529109	similar to Mediator of RNA polymerase II transcription subunit 14 (Mediator complex subunit 14) (CRSP complex subunit 2) (Cofactor required for Sp1 transcriptional activation subunit 2) (Transcriptional coactivator CRSP150) (Vitamin D3 receptor-int	-1,0
12780959	508852	MGC128175	hypothetical LOC508852	-1,0
12693133	100298870	LOC100298870	hypothetical protein LOC100298870	-1,0
12716217	533598	ASB13	ankyrin repeat and SOCS box-containing 13	-1,0
12851611	539419	TBX20	T-box 20	-1,0
12701957	538486	ACTR2	ARP2 actin-related protein 2 homolog (yeast)	-1,0
12690951	537580	LOC537580	similar to leucine rich repeat containing 9	-1,0
12837018	506527	PEX11B	peroxisomal biogenesis factor 11 beta	-1,0
12812072	508675	STX4	syntaxin 4	-1,0
12738921	506600	SCYL3	SCY1-like 3 (S. cerevisiae)	-1,0
12693381	100337168	LOC100337168	TRD@ protein-like	-1,0
12877288	337917	IRF1	interferon regulatory factor 1	-1,0
12725267	514966	RPL7	ribosomal protein L7	-1,0
12864953	507962	KDM5A	lysine (K)-specific demethylase 5A	-1,0
12749109	100336623	LOC100336623	NLRP7 protein-like	-1,0
12789834	511761	C21H15ORF26	chromosome 15 open reading frame 26 ortholog	-1,0
12721116	767957	DEFB119	defensin, beta 119	-1,0
12821085	782651	LOC782651	similar to Outcome predictor in acute leukemia 1 homolog	-1,0
12909663	538185	DGKK	diacylglycerol kinase, kappa	-1,0
12739784	519058	EDEM3	ER degradation enhancer, mannosidase alpha-like 3	-1,0
12800256	613433	SYNPR	synaptoporin	-1,0
12843963	509606	PODN	podocan	-1,0
12702718	616280	EXOC6B	exocyst complex component 6B	-1,0
12718696	507384	NPEPL1	aminopeptidase-like 1	-1,0
12685297	528454	CPA3	carboxypeptidase A3 (mast cell)	-1,0
12719139	512832	CASS4	Cas scaffolding protein family member 4	-1,0
12875788	616368	IGFBP7	insulin-like growth factor binding protein 7	-1,0
12787057	327691	NDUFS6	NADH dehydrogenase (ubiquinone) Fe-S protein 6, 13kDa (NADH-coenzyme Q reductase)	-1,0
12770145	513550	FAM18B	family with sequence similarity 18, member B	-1,0
12810516	540888	PTPN2	protein tyrosine phosphatase, non-receptor type 2	-1,0

12725747	535290	MRPS28	mitochondrial ribosomal protein S28	-1,0
12821814	507880	SEC31B	SEC31 homolog B (<i>S. cerevisiae</i>)	-1,0
12693654	326578	SNW1	SNW domain containing 1	-1,0
12720176	529416	FLRT3	fibronectin leucine rich transmembrane protein 3	-1,0
12765432	616168	TCAM1	testicular cell adhesion molecule 1 homolog (mouse)	-1,0
12903893	513263	RPGR	retinitis pigmentosa GTPase regulator	-1,0
12727296	508334	LOC508334	hypothetical protein LOC508334	-1,0
12869640	100313453	MIR302D	microRNA mir-302d	-1,0
12888088	767896	ZFP2	zinc finger protein 2 homolog (mouse)	-1,0
12826961	540418	LOC540418	hypothetical LOC540418	-1,0
12803886	783152	ZNF322A	zinc finger protein 322A	-1,0
12782984	534714	ZBTB40	zinc finger and BTB domain containing 40	-1,0
12827434	100296008	USP54	ubiquitin specific peptidase 54	-1,0
12753221	538506	LOC538506	similar to Genetic suppressor element 1	-1,0
12694026	506935	CCDC32	coiled-coil domain containing 32	-1,0
12763389	515356	LOC515356	similar to cytochrome b5 domain containing 2	-1,0
12885985	526103	TNIP1	TNFAIP3 interacting protein 1	-1,0
12870674	508508	NAPIL5	nucleosome assembly protein 1-like 5	-1,0
12832268	100126170	LOC100126170	hypothetical protein LOC100126170	-1,0
12783878	540695	MED18	mediator complex subunit 18	-1,0
12755964	287020	UQCRCF1	ubiquinol-cytochrome c reductase, Rieske iron-sulfur polypeptide 1	-1,0
12697696	785612	GTF2A1	general transcription factor IIA, 1, 19/37kDa	-1,0
12755990	338086	COX7A1	cytochrome c oxidase subunit VIIa polypeptide 1 (muscle)	-1,0
12865225	510185	IL2RB	interleukin 2 receptor, beta	-1,0
12892834	359714	APTX	aprataxin	-1,0
12814951	100297793	LOC100297793	similar to small nuclear ribonucleoprotein D1 polypeptide 16kDa	-1,0
12707132	536433	TSGA10	testis specific, 10	-1,0
12758764	538464	CHST6	carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 6	-1,0
12845046	517519	CHRNA2	cholinergic receptor, nicotinic, beta 2 (neuronal)	-1,0
12764643	537257	USP32	ubiquitin specific peptidase 32	-1,0
12825212	525337	PCM1	pericentriolar material 1	-1,0
12703326	789453	LOC789453	hypothetical LOC789453	-1,0
12908896	525680	UXT	ubiquitously-expressed transcript	-1,0
12760778	281373	P4HB	prolyl 4-hydroxylase, beta polypeptide	-1,0
12877273	327684	NR2F1	nuclear receptor subfamily 2, group F, member 1	-1,0
12884190	507881	COL5A3	collagen, type V, alpha 3	-1,0
12858450	507488	RAB21	RAB21, member RAS oncogene family	-1,0
12876311	100295806	LOC100295806	similar to olfactory receptor, family 7, subfamily A, member 17	-1,0
12703144	783105	LOC783105	similar to hCG1807576	-1,0
12879098	514750	LOC514750	similar to Peroxisome proliferator-activated receptor gamma coactivator 1-beta (PPAR-gamma coactivator 1-beta) (PGC-1-related estrogen receptor alpha coactivator) (PPARGC-1-beta) (PGC-1-beta)	-1,0
12727383	509351	LOC509351	hypothetical LOC509351	-1,0
12694111	507858	SQRDL	sulfide quinone reductase-like (yeast)	-1,0
12853522	506408	ZNF786	zinc finger protein 786	-1,0
12716442	535479	PCIF1	PDX1 C-terminal inhibiting factor 1	-1,0
12694690	514267	WDR36	WD repeat domain 36	-1,0
12889795	508045	PPP2R2A	protein phosphatase 2 (formerly 2A), regulatory subunit B, alpha isoform	-1,0
12810703	767868	LOC767868	hypothetical protein LOC767868	-1,0
12884911	511478	TLE6	transducin-like enhancer of split 6 (E(sp1) homolog, <i>Drosophila</i>)	-1,0
12763836	525340	SRR	serine racemase	-1,0

12691500	540849	YLPM1	YLP motif containing 1	-1,0
12728470	524207	KBTBD3	kelch repeat and BTB (POZ) domain containing 3	-1,0
12688734	509037	TMX1	thioredoxin-related transmembrane protein 1	-1,0
12823743	509613	EIF4EBP1	eukaryotic translation initiation factor 4E binding protein 1	-1,0
12740526	537633	NPHS2	nephrosis 2, idiopathic, steroid-resistant (podocin)	-1,0
12811691	504800	LOC504800	similar to Apolipoprotein B48 receptor	-1,0
12900546	521249	LOC521249	hypothetical LOC521249	-1,0
12800690	783414	ISY1	ISY1 splicing factor homolog (S. cerevisiae)	-1,0
12724931	512030	COLEC10	collectin sub-family member 10 (C-type lectin)	-1,0
12689845	522203	LOC522203	similar to Ribosomal protein L22-like 1	-1,0
12902201	100337085	LOC100337085	testis-specific protein-like	-1,0
12738788	504963	DPT	dermatopontin	-1,0
12876693	100337378	LOC100337378	olfactory receptor, family 7, subfamily A, member 17-like	-1,0
12740271	533788	PPP2R5A	protein phosphatase 2, regulatory subunit B', alpha isoform	-1,0
12691299	540295	MGC142488	hypothetical LOC540295	-1,0
12904878	533622	MTM1	myotubularin 1	-1,0
12783086	535331	RBM45	RNA binding motif protein 45	-1,0
12834319	530784	C29H11orf54	ester hydrolase C11orf54 homolog	-1,0
12756818	510874	FBXO17	F-box protein 17	-1,0
12698788	404135	LAPTM4A	lysosomal protein transmembrane 4 alpha	-1,0
12801369	505554	NEU1	sialidase 1 (lysosomal sialidase)	-1,0
12881088	539058	ZNF672	zinc finger protein 672	-1,0
12734002	788295	LOC788295	similar to olfactory receptor, family 52, subfamily D, member 1 (predicted)	-1,0
12788832	100313274	MIR1179	microRNA mir-1179	-1,0
12817378	527039	PMS2	PMS2 postmeiotic segregation increased 2 (S. cerevisiae)	-1,0
12870865	511956	MAEA	macrophage erythroblast attacher	-1,0
12867619	537901	SLC4A8	solute carrier family 4, sodium bicarbonate cotransporter, member 8	-1,0
12887273	539846	LOC539846	transposon-derived Buster3 transposase-like	-1,0
12790569	531149	MPHOSPH10	M-phase phosphoprotein 10 (U3 small nucleolar ribonucleoprotein)	-1,0
12718996	511775	NSUN6	NOP2/Sun domain family, member 6	-1,0
12698660	282711	EPAS1	endothelial PAS domain protein 1	-1,0
12826496	527433	KBP	KIAA1279	-1,0
12793853	618573	RALGAPA1	Ral GTPase activating protein, alpha subunit 1 (catalytic)	-1,0
12908013	511791	ALAS2	aminolevulinate, delta-, synthase 2	-1,0
12746940	519982	RAB33B	RAB33B, member RAS oncogene family	-1,0
12809844	521222	METTL4	methyltransferase like 4	-1,0
12905101	536054	RBM41	RNA binding motif protein 41	-1,0
12893523	512888	TLE1	transducin-like enhancer of split 1 (E(sp1) homolog, Drosophila)	-1,0
12746197	509905	SFRS9	splicing factor, arginine/serine-rich 9	-1,0
12827469	100298036	LOC100298036	similar to excision repair cross-complementing rodent repair deficiency, complementation group 6	-1,0
12840074	535006	TRIT1	tRNA isopentenyltransferase 1	-1,0
12691488	540780	CASC4	cancer susceptibility candidate 4	-1,0
12874351	518225	CNOT6L	CCR4-NOT transcription complex, subunit 6-like	-1,0
12880456	533443	CNOT8	CCR4-NOT transcription complex, subunit 8	-1,0
12895985	784830	PTAR1	protein prenyltransferase alpha subunit repeat containing 1	-1,0
12841059	613418	LOC613418	similar to olfactory receptor MOR208-1	-1,0
12859994	519463	NEDD1	neural precursor cell expressed, developmentally down-regulated 1	-1,0

12688947	511083	ACTR10	actin-related protein 10 homolog (<i>S. cerevisiae</i>)	-1,0
12865340	510619	TSPAN31	tetraspanin 31	-1,0
12762018	506999	COPR5	cooperator of PRMT5	-1,0
12841158	614469	ITGB3BP	integrin beta 3 binding protein (beta3-endonexin)	-1,0
12887351	540156	SNCAIP	synuclein, alpha interacting protein	-1,0
12850760	527922	INMT	indolethylamine N-methyltransferase	-1,0
12866799	528390	NR4A1	nuclear receptor subfamily 4, group A, member 1	-1,0
12810708	767921	MGC127989	hypothetical protein MGC127989	-1,0
12846468	535493	LRIG2	leucine-rich repeats and immunoglobulin-like domains 2	-1,0
12757993	523858	KCTD19	potassium channel tetramerisation domain containing 19	-1,0
12906314	100124501	FGD1	FYVE, RhoGEF and PH domain containing 1	-1,0
12887654	613760	LYSMD3	LysM, putative peptidoglycan-binding, domain containing 3	-1,0
12906784	100337078	LOC100337078	zinc finger protein 75-like	-1,0
12887426	540772	RIOK2	RIO kinase 2 (yeast)	-1,0
12780650	504711	GALNT5	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 5 (GalNAc-T5)	-1,0
12749234	100337253	LOC100337253	NCRNA00085 protein-like	-1,0
12838334	513970	JTB	jumping translocation breakpoint	-1,0
12696472	538427	ANP32A	acidic (leucine-rich) nuclear phosphoprotein 32 family, member A	-1,0
12770967	521416	BCAS3	breast carcinoma amplified sequence 3	-1,0
12749696	407240	USF2	upstream transcription factor 2, c-fos interacting	-1,0
12854626	522191	MTERF	mitochondrial transcription termination factor	-1,0
12786060	533903	LOC533903	hypothetical LOC533903	-1,0
12789126	327689	CPSF2	cleavage and polyadenylation specific factor 2, 100kDa	-1,0
12787606	519320	BDP1	B double prime 1, subunit of RNA polymerase III transcription initiation factor IIIB	-1,0
12808608	614175	LOC614175	hypothetical LOC614175	-1,0
12704320	505025	ID2	inhibitor of DNA binding 2, dominant negative helix-loop-helix protein	-1,0
12703089	781454	ERLEC1	endoplasmic reticulum lectin 1	-1,0
12703395	100138036	LOC100138036	similar to 2,3-bisphosphoglycerate mutase	-1,0
12903190	493644	CLCN5	chloride channel 5	-1,0
12800703	783987	LOC783987	similar to IQ motif containing F3	-1,0
12733570	616261	LOC616261	similar to olfactory receptor 670	-1,0
12813596	534249	NSMCE1	non-SMC element 1 homolog (<i>S. cerevisiae</i>)	-1,0
12703555	100299558	UAP1L1	UDP-N-acteylglucosamine pyrophosphorylase 1-like 1	-1,0
12807879	511555	RNMT	RNA (guanine-7-) methyltransferase	-1,0
12775041	407127	BMPR2	bone morphogenetic protein receptor, type II (serine/threonine kinase)	-1,0
12845442	524565	FCRL6	Fc receptor-like 6	-1,0
12816706	514702	LOC514702	similar to olfactory receptor, family 2, subfamily AE, member 1	-1,0
12819682	514564	ZWINT	ZW10 interactor	-1,0
12881939	617727	ARRDC5	arrestin domain containing 5	-1,0
12832386	100297183	LOC100297183	hypothetical protein LOC100297183	-1,0
12703912	281811	HADHB	hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase (trifunctional protein), beta subunit	-1,0
12689381	514989	SUPT16H	suppressor of Ty 16 homolog (<i>S. cerevisiae</i>)	-1,0
12772208	539103	FBXO39	F-box protein 39	-1,0
12895130	540842	SMU1	smu-1 suppressor of mec-8 and unc-52 homolog (<i>C. elegans</i>)	-1,0
12802182	516337	POLR1C	polymerase (RNA) I polypeptide C, 30kDa	-1,0
12761528	504773	LOC504773	regakine 1	-1,0
12726726	281349	NEU3	sialidase 3 (membrane sialidase)	-1,0

12762966	512334	GLOD4	glyoxalase domain containing 4	-1,0
12905841	616695	LOC616695	similar to protein phosphatase 2A 65 kDa regulatory subunit, alpha	-1,0
12809127	280948	TTR	transthyretin	-1,0
12717512	785738	BSP30D	common salivary protein BSP30 form d	-1,0
12820283	530353	LOC530353	similar to TruB pseudouridine (psi) synthase homolog 1	-1,0
12733108	539340	BCL9L	B-cell CLL/lymphoma 9-like	-1,0
12818245	615311	ZNF629	zinc finger protein 629	-1,0
12726116	617927	SNTB1	syntrophin, beta 1 (dystrophin-associated protein A1, 59kDa, basic component 1)	-1,0
12692203	618372	TRIM69	tripartite motif-containing 69	-1,0
12837741	511258	DNTTIP2	deoxynucleotidyltransferase, terminal, interacting protein 2	-1,0
12730832	281831	HSPA8	heat shock 70kDa protein 8	-1,0
12716875	613456	OTOR	otoraplin	-1,0
12877228	286809	GPX4	glutathione peroxidase 4 (phospholipid hydroperoxidase)	-1,0
12860096	520771	AVIL	advillin	-1,0
12704532	507066	SFRS7	splicing factor, arginine/serine-rich 7, 35kDa	-1,0
12756645	509212	PIH1D1	PIH1 domain containing 1	-1,0
12822189	514158	ZDHHC6	zinc finger, DHHC-type containing 6	-1,0
12898346	535768	MTO1	mitochondrial translation optimization 1 homolog (S. cerevisiae)	-1,0
12745057	100140040	TMED2	transmembrane emp24 domain trafficking protein 2	-1,0
12683452	282258	IFNAR2	interferon (alpha, beta and omega) receptor 2	-1,0
12819106	504617	ATRNL1	attractin-like 1	-1,0
12732196	516565	ASAM	adipocyte-specific adhesion molecule	-1,0
12882589	100125881	RAB8A	RAB8A, member RAS oncogene family	-1,0
12691248	540087	CRHBP	corticotropin releasing hormone binding protein	-1,0
12753064	535273	EMP3	epithelial membrane protein 3	-1,0
12687111	781156	LOC781156	similar to Proteasome subunit alpha type-2 (Proteasome component C3) (Macropain subunit C3) (Multicatalytic endopeptidase complex subunit C3)	-1,0
12703684	100336674	LOC100336674	Solute carrier family 10 (sodium/bile acid cotransporter family), member 6-like	-1,0
12826279	514945	BMS1	BMS1 homolog, ribosome assembly protein (yeast)	-1,0
12899404	100337315	LOC100337315	TATA box binding protein-like	-1,0
12728487	524928	LOC524928	similar to hCG1991368	-1,0
12713720	281989	PLUNC	palate, lung and nasal epithelium associated	-1,0
12836003	282043	RPE65	retinal pigment epithelium-specific protein 65kDa	-1,0
12811954	507075	PAQR4	progesterone and adipoQ receptor family member IV	-1,0
12709691	514455	TM9SF2	transmembrane 9 superfamily member 2	-1,0
12796803	540938	CNOT10	CCR4-NOT transcription complex, subunit 10	-1,0
12840641	539291	MYCBP	c-myc binding protein	-1,0
12772034	537917	KRT39	keratin 39	-1,0
12807893	512033	CHMP1B	chromatin modifying protein 1B	-1,0
12803419	540945	DEK	DEK oncogene	-1,0
12688328	493709	ATP5S	ATP synthase, H ⁺ transporting, mitochondrial F0 complex, subunit s (factor B)	-1,0
12885748	520939	LOC520939	similar to Krueppel-like factor 2 (Lung krueppel-like factor)	-1,0
12768235	506074	LOC506074	similar to Chromosome 17 open reading frame 63	-1,0
12814112	617491	MPV17L	MPV17 mitochondrial membrane protein-like	-1,0
12887648	613669	TMEM167A	transmembrane protein 167A	-1,0
12792634	517405	JAG2	jagged 2	-1,0
12873593	505053	LARP7	La ribonucleoprotein domain family, member 7	-1,0
12716058	529700	RPRD1B	Regulation of nuclear pre-mRNA domain containing 1B	-1,0
12905607	613674	VMA21	VMA21 vacuolar H ⁺ -ATPase homolog (S. cerevisiae)	-1,0

12807161	787939	LOC787939	similar to mCG1305	-1,0
12793271	534495	LOC534495	similar to S phase cyclin A-associated protein in the ER	-1,0
12678443	100337296	LOC100337296	leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 2-like	-1,0
12804037	788708	LOC788708	similar to STG protein	-1,0
12761142	282513	PAFAH1B1	platelet-activating factor acetylhydrolase, isoform Ib, subunit 1 (45kDa)	-1,0
12714749	512243	ZSWIM1	zinc finger, SWIM-type containing 1	-1,0
12792689	519961	ATG2B	ATG2 autophagy related 2 homolog B (<i>S. cerevisiae</i>)	-1,0
12828575	534918	C1orf124	zinc finger RAD18 domain-containing protein C1orf124 homolog	-1,0
12737000	538796	CCNL2	cyclin L2	-1,0
12742973	520757	RNF10	ring finger protein 10	-1,0
12836937	506223	OMA1	OMA1 homolog, zinc metallopeptidase (<i>S. cerevisiae</i>)	-1,0
12870667	508288	THAP9	THAP domain containing 9	-1,0
12759161	614717	B3GNT9	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 9	-1,0
12908414	515972	TBL1X	transducin (beta)-like 1X-linked	-1,0
12801637	510383	TMEM14A	transmembrane protein 14A	-1,0
12883978	506099	SPATA24	spermatogenesis associated 24	-1,0
12722586	519474	TERF1	telomeric repeat binding factor (NIMA-interacting) 1	-1,0
12776937	521746	MTMR9	myotubularin related protein 9-like	-1,0
12852258	767923	FMC1	formation of mitochondrial complexes 1 homolog (<i>S. cerevisiae</i>)	-1,0
12781370	511961	PRKAG3	protein kinase, AMP-activated, gamma 3 non-catalytic subunit	-1,0
12728026	515575	TPP1	tripeptidyl peptidase I	-1,0
12801032	100337245	LOC100337245	butyrophilin-like 2-like	-1,0
12821712	505323	OAT	ornithine aminotransferase	-1,0
12876529	100313468	MIR2461	microRNA mir-2461	-1,0
12741946	281518	TCN2	transcobalamin II; macrocytic anemia	-1,0
12785308	506968	RANBP3L	RAN binding protein 3-like	-1,0
12738207	100336796	LOC100336796	hedgehog acyltransferase-like	-1,0
12746451	512872	RASAL1	RAS protein activator like 1 (GAP1 like)	-1,0
12793663	613997	MGC139355	hypothetical protein LOC613997	-1,0
12745653	504923	SLC7A4	solute carrier family 7 (cationic amino acid transporter, y+ system), member 4	-1,0
12872812	100140261	LOC100140261	similar to UDP glucuronosyltransferase 2 family, polypeptide B4	-1,0
12805757	515716	NKAPL	NFKB activating protein-like	-1,0
12732001	513707	IPO7	importin 7	-1,0
12701607	535565	ANAPC1	anaphase promoting complex subunit 1	-1,0
12910414	781227	PRPS1	phosphoribosyl pyrophosphate synthetase 1	-1,0
12886266	529878	CCDC69	coiled-coil domain containing 69	-1,0
12791313	780821	CRIP2	cysteine-rich protein 2	-1,0
12905819	616591	LDOC1	leucine zipper, down-regulated in cancer 1	-1,0
12849615	507564	HNRNPA2B1	heterogeneous nuclear ribonucleoprotein A2/B1	-1,0
12901037	537291	LOC537291	similar to Uncharacterized protein C6orf152	-1,0
12806828	617505	MCCD1	mitochondrial coiled-coil domain 1	-1,0
12882856	100335587	LOC100335587	NADH dehydrogenase-like	-1,0
12834822	613568	MACROD1	MACRO domain containing 1	-1,0
12724441	506058	LRRC67	leucine rich repeat containing 67	-1,0
12692799	100125926	TMED7	transmembrane emp24 protein transport domain containing 7	-1,0
12867595	537455	NTN4	netrin 4	-1,0
12823181	616318	LOC616318	Uncharacterized protein C10orf82 homolog	-1,0
12706719	532672	STAMPB	STAM binding protein	-1,0
12733407	614333	BACE1	beta-site APP-cleaving enzyme 1	-1,0

12864706	505859	PYROXD1	pyridine nucleotide-disulphide oxidoreductase domain 1	-1,0
12856932	281513	TAC3	tachykinin 3	-1,0
12826584	530464	RPS24	ribosomal protein S24	-1,0
12748386	786290	MN1	meningioma (disrupted in balanced translocation) 1	-1,0
12822786	535287	UBE2D1	ubiquitin-conjugating enzyme E2D 1 (UBC4/5 homolog, yeast)	-1,0
12839788	532555	GOLPH3L	golgi phosphoprotein 3-like	-1,0
12896542	100337184	LOC100337184	hypothetical protein LOC100337184	-1,0
12782389	526189	TMEM185A	transmembrane protein 185A	-1,0
12876306	100295797	LOC100295797	hypothetical protein LOC100295797	-1,0
12708470	782479	LOC782479	similar to ribosomal protein L26	-1,0
12890108	511821	ZCCHC7	zinc finger, CCHC domain containing 7	-1,0
12833076	505288	TSPAN4	tetraspanin 4	-1,0
12762080	507294	DUSP14	dual specificity phosphatase 14	-1,0
12836111	286865	PIK3R3	phosphoinositide-3-kinase, regulatory subunit 3 (gamma)	-1,0
12905933	619061	LOC619061	similar to 60S ribosomal protein L9	-1,0
12859771	516544	DENND5B	DENN/MADD domain containing 5B	-1,0
12893911	515571	APBA1	amyloid beta (A4) precursor protein-binding, family A, member 1	-1,0
12692107	617261	ZNF280D	zinc finger protein 280D	-1,0
12732573	529120	TMPRSS13	transmembrane protease, serine 13	-1,0
12681938	539633	HLTF	helicase-like transcription factor	-1,0
12827532	100337106	LOC100337106	glutamate receptor delta-1 subunit-like	-1,0
12689553	515837	GMPR2	guanosine monophosphate reductase 2	-1,0
12840103	535254	POGZ	pogo transposable element with ZNF domain	-1,0
12906510	100298569	LOC100298569	similar to melanoma antigen family B, 4	-1,0
12678593	281183	GART	phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synthetase, phosphoribosylaminoimidazole synthetase	-1,0
12697639	784260	LOC784260	similar to olfactory receptor MOR106-11	-1,0
12803646	617553	BAT4	HLA-B associated transcript 4	-1,0
12903604	509771	RBM3	RNA binding motif (RNP1, RRM) protein 3	-1,0
12835017	617342	CCDC83	coiled-coil domain containing 83	-1,0
12691236	539905	FLRT2	similar to KIAA0405	-1,0
12692179	617684	BAHD1	bromo adjacent homology domain containing 1	-1,0
12884704	510252	LACTB	lactamase, beta	-1,0
12687987	281203	GNG2	guanine nucleotide binding protein (G protein), gamma 2	-1,0
12860338	524465	AMN1	antagonist of mitotic exit network 1 homolog (S. cerevisiae)	-1,0
12680315	514336	PWP2	PWP2 periodic tryptophan protein homolog (yeast)	-1,0
12761434	504230	RAMP2	receptor (G protein-coupled) activity modifying protein 2	-1,0
12904923	534137	SASH3	SAM and SH3 domain containing 3	-1,0
12841102	613822	SLAMF9	SLAM family member 9	-1,0
12691034	538164	DNAL1	dynein, axonemal, light chain 1	-1,0
12716361	535071	SEC23B	Sec23 homolog B (S. cerevisiae)	-1,0
12801046	100337288	LOC100337288	SCAN domain containing 3-like	-1,0
12826987	613555	DISC1	disrupted in schizophrenia 1	-1,0
12865417	511273	KIF5A	kinesin family member 5A	-1,0
12717728	100139737	SEL1L2	sel-1 suppressor of lin-12-like 2 (C. elegans)	-1,0
12836646	505209	LOC505209	similar to Olfactory receptor 420	-1,0
12718593	506471	ARFGAP3	ADP-ribosylation factor GTPase activating protein 3	-1,0
12824082	520297	ADAM32	ADAM metallopeptidase domain 32	-1,0
12688995	511624	COQ6	coenzyme Q6 homolog, monooxygenase (S. cerevisiae)	-1,0
12861253	535460	LOC535460	hypothetical LOC535460	-1,0
12802698	532422	HSD17B8	hydroxysteroid (17-beta) dehydrogenase 8	-1,0

12678652	281706	COPB2	coatamer protein complex, subunit beta 2 (beta prime)	-1,0
12743511	533058	PET112L	PET112-like (yeast)	-1,0
12863917	280847	LUM	lumican	-1,0
12780595	497013	NCL	nucleolin	-1,0
12679297	507215	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	-1,0
12779675	784637	BICD1	bicaudal D homolog 1 (Drosophila)	-1,0
12749322	281603	ADCY7	adenylate cyclase 7	-1,0
12703930	281900	LHCGR	luteinizing hormone/choriogonadotropin receptor	-1,0
12716894	613984	VAMP7	vesicle-associated membrane protein 7	-1,0
12793912	781470	LOC781470	similar to Gag	-1,0
12680684	518523	DGKG	diacylglycerol kinase, gamma 90kDa	-1,0
12846121	533048	NPR1	natriuretic peptide receptor A/guanylate cyclase A (atrionatriuretic peptide receptor A)	-1,0
12821883	510380	CYP2C19	cytochrome P450, family 2, subfamily C, polypeptide 19	-1,0
12819900	520752	HECTD2	HECT domain containing 2	-1,0
12844671	513978	DUSP23	dual specificity phosphatase 23	-1,0
12854842	530077	LOC530077	similar to GTPase, IMAP family member 5	-1,0
12881944	617882	EPHX3	epoxide hydrolase 3	-1,0
12843025	407174	SLC6A17	solute carrier family 6, member 17	-1,0
12852007	616404	ACTR3B	ARP3 actin-related protein 3 homolog B (yeast)	-1,0
12727638	512239	TTC17	tetratricopeptide repeat domain 17	-1,0
12760158	789905	LYPD5	LY6/PLAUR domain containing 5	-1,0
12736405	528783	SDF4	stromal cell derived factor 4	-1,0
12697521	781335	MAP4K5	mitogen-activated protein kinase kinase kinase kinase 5	-1,0
12738876	505917	VWA1	von Willebrand factor A domain containing 1	-1,0
12755356	100299071	LOC100299071	hypothetical protein LOC100299071	-1,0
12705544	513180	SDCCAG3	serologically defined colon cancer antigen 3	-1,0
12713975	404169	PKIG	protein kinase (cAMP-dependent, catalytic) inhibitor gamma	-1,0
12903961	513859	PPP1R3F	protein phosphatase 1, regulatory (inhibitor) subunit 3F	-1,0
12876385	100297645	LOC100297645	hypothetical protein LOC100297645	-1,0
12832015	618606	IGHMBP2	immunoglobulin mu binding protein 2	-1,0
12849958	511489	RBM33	RNA binding motif protein 33	-1,0
12844420	512490	STXBP3	syntaxin binding protein 3	-1,0
12887101	538540	CLINT1	clathrin interactor 1	-1,0
12852721	100301031	LOC100301031	similar to ATP synthase, H ⁺ transporting, mitochondrial F0 complex, subunit E	-1,0
12725802	538551	EBAG9	estrogen receptor binding site associated, antigen, 9	-1,0
12701514	534788	UXS1	UDP-glucuronate decarboxylase 1	-1,0
12864864	506967	ATF1	activating transcription factor 1	-1,0
12753889	616996	CCL22	chemokine (C-C motif) ligand 22	-1,0
12859128	511581	C1R	complement component 1, r subcomponent	-1,0
12715450	519826	DIDO1	death inducer-obliterators 1	-1,0
12875557	541147	GPR125	G protein-coupled receptor 125	-1,0
12853192	319095	ADCYAP1R1	adenylate cyclase activating polypeptide 1 (pituitary) receptor type I	-1,0
12849788	509600	GNMB	glycoprotein (transmembrane) nmb	-1,0
12808122	530884	TNFRSF11A	tumor necrosis factor receptor superfamily, member 11a, NFkB activator	-1,0
12877499	504589	TNPO2	transportin 2	-1,0
12801384	505849	TFAP2A	transcription factor AP-2 alpha (activating enhancer binding protein 2 alpha)	-1,0
12786029	532936	AK6	TAF9 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 32kDa	-1,0
12823705	508055	CNOT7	CCR4-NOT transcription complex, subunit 7	-1,0
12755558	100337013	LOC100337013	EGF-like-domain, multiple 4-like	-1,0

12733964	787385	LOC787385	similar to Olfactory receptor, family 5, subfamily F, member 1	-1,0
12763440	516039	MAP2K3	mitogen-activated protein kinase kinase 3	-1,0
12713943	360194	POFUT1	protein O-fucosyltransferase 1	-1,0
12873235	281566	UGT8	UDP glycosyltransferase 8	-1,0
12772124	538774	SUZ12	suppressor of zeste 12 homolog (Drosophila)	-1,0
12694106	507844	ACYP1	acylphosphatase 1, erythrocyte (common) type	-1,0
12697850	788468	ZFP106	zinc finger protein 106 homolog (mouse)	-1,0
12884927	511508	PJA2	praja ring finger 2	-1,0
12681831	539020	BCL6	B-cell CLL/lymphoma 6	-1,0
12841346	616818	S100A8	S100 calcium binding protein A8	-1,0
12827296	784716	CDH23	cadherin-related 23	-1,0
12780223	281598	ACVR2A	activin A receptor, type IIA	-1,0
12829474	282682	ADRBK1	adrenergic, beta, receptor kinase 1	-1,0
12852571	100125306	COG5	component of oligomeric golgi complex 5	-1,0
12906728	100336819	LOC100336819	PRPS2 protein-like	-1,0
12809854	522006	ACAA2	acetyl-Coenzyme A acyltransferase 2	-1,0
12830869	516022	LOC516022	similar to olfactory receptor, family 8, subfamily G, member 1	-1,0
12761520	504662	ZNHIT3	zinc finger, HIT type 3	-1,0
12821768	506564	EIF6	eukaryotic translation initiation factor 6	-1,0
12679850	511558	SLC37A1	solute carrier family 37 (glycerol-3-phosphate transporter), member 1	-1,0
12840861	540509	RGS5	regulator of G-protein signaling 5	-1,0
12842618	281278	LPHN2	latrophilin 2	-1,0
12822230	514759	ALDH18A1	aldehyde dehydrogenase 18 family, member A1	-1,0
12833278	507833	TRMT112	tRNA methyltransferase 11-2 homolog (S. cerevisiae)	-1,0
12906251	787976	LOC787976	similar to forkhead box R2	-1,0
12803053	535327	MAPK13	mitogen-activated protein kinase 13	-1,0
12825077	510921	GTF2E2	general transcription factor IIE, polypeptide 2, beta 34kDa	-1,0
12824988	507906	TM2D2	TM2 domain containing 2	-1,0
12873243	281700	CNGA1	cyclic nucleotide gated channel alpha 1	-1,0
12714413	507507	MCM8	minichromosome maintenance complex component 8	-1,0
12806887	618206	SCGN	secretagogin, EF-hand calcium binding protein	-1,0
12695111	518158	ADPGK	ADP-dependent glucokinase	-1,0
12906453	100294784	LOC100294784	similar to ribosomal protein L39	-1,0
12872838	100295757	LOC100295757	similar to ribosomal protein L39	-1,0
12721455	100295254	LOC100295254	similar to ribosomal protein L39	-1,0
12687652	100295381	LOC100295381	similar to ribosomal protein L39	-1,0
12723722	782162	LOC782162	similar to solute carrier family 25, member 32	-1,0
12692098	617095	CALM1	calmodulin 1 (phosphorylase kinase, delta)	-1,0
12685693	533510	KLHL24	kelch-like 24 (Drosophila)	-1,0
12707626	540802	ASB3	ankyrin repeat and SOCS box-containing 3	-1,0
12713226	100140952	LOC100140952	similar to MyD-1 antigen	-1,0
12848453	100295234	LOC100295234	hypothetical protein LOC100295234	-1,0
12843318	505393	TOMM40L	translocase of outer mitochondrial membrane 40 homolog (yeast)-like	-1,0
12679011	504869	ATR	ataxia telangiectasia and Rad3 related	-1,0
12850400	518003	LOC518003	similar to KIAA0644 gene product	-1,0
12792023	507304	FES	feline sarcoma oncogene	-1,0
12900900	534118	FIG4	FIG4 homolog, SAC1 lipid phosphatase domain containing (S. cerevisiae)	-1,0
12793930	783802	LOC783802	WD repeat domain 73-like	-1,0
12754353	768035	CYTH2	cytohesin 2	-1,0
12711028	100313123	MIR2300A	microRNA mir-2300a	-1,0
12726411	100297932	LOC100297932	similar to matrix metalloproteinase 1 isoform 1 preproprotein	-1,0
12905109	537297	DOCK11	dedicator of cytokinesis 11	-1,0

12727156	506860	PTS	6-pyruvoyltetrahydropterin synthase	-1,0
12763356	515145	EIF4A3	eukaryotic translation initiation factor 4A, isoform 3	-1,0
12699898	513934	GMCL1	germ cell-less homolog 1 (Drosophila)	-1,0
12729791	613432	RPL36A	similar to mCG7611	-1,0
12878194	508297	ANKRD43	ankyrin repeat domain 43	-1,0
12884250	507971	LOC507971	similar to olfactory receptor, family 2, subfamily T, member 3	-1,0
12773500	787225	LOC787225	similar to Keratin associated protein-like	-1,0
12717875	100335867	LOC100335867	hypothetical protein LOC100335867	-1,0
12890646	522719	CLCN3	chloride channel 3	-1,0
12793185	533270	PRKD1	protein kinase D1	-1,0
12896062	787410	CDC42BPA	CDC42 binding protein kinase alpha (DMPK-like)	-1,0
12738065	100298347	LOC100298347	similar to SYnapse Defective family member (syd-2)	-1,0
12835523	100296560	LOC100296560	hypothetical protein LOC100296560	-1,0
12693704	404069	SPG21	spastic paraplegia 21 (autosomal recessive, Mast syndrome)	-1,0
12713857	286882	SPLUNC2A	common salivary protein BSP30, form a	-1,0
12778337	537873	PLCL1	phospholipase C-like 1	-1,0
12848446	100294775	LOC100294775	hypothetical LOC100294775	-1,0
12887620	613392	IL9	interleukin 9	-1,0
12888548	789246	LOC789246	similar to olfactory receptor Olfr374	-1,0
12861646	538885	CBX5	chromobox homolog 5 (HP1 alpha homolog, Drosophila)	-1,0
12744683	618126	RNF175	ring finger protein 175	-1,0
12824553	782419	ZNF703	zinc finger protein 703	-1,0
12696165	534652	NEK9	NIMA (never in mitosis gene a)- related kinase 9	-1,0
12719799	523144	CST11	cystatin 11	-1,0
12893515	512732	STMN4	stathmin-like 4	-1,0
12810198	533403	PIAS2	protein inhibitor of activated STAT, 2	-1,0
12822402	520500	SMNDC1	survival motor neuron domain containing 1	-1,0
12789789	511438	MGC137676	similar to metastasis associated 1	-1,0
12758497	533277	TMED6	transmembrane emp24 protein transport domain containing 6	-1,0
12857706	444861	KLRJ1	killer cell lectin-like receptor family J member 1	-1,0
12720047	526291	SLC13A3	solute carrier family 13 (sodium-dependent dicarboxylate transporter), member 3	-1,0
12882670	100294978	LOC100294978	hypothetical protein LOC100294978	-1,0
12746380	512326	SFRS8	splicing factor, arginine/serine-rich 8 (suppressor-of-white-apricot homolog, Drosophila)	-1,0
12697740	785849	DCAF5	DDB1 and CUL4 associated factor 5	-1,0
12830448	512371	ANO9	anoctamin 9	-1,0
12800046	539459	ARPC4	actin related protein 2/3 complex, subunit 4, 20kDa	-1,0
12867258	534558	DERA	2-deoxyribose-5-phosphate aldolase homolog (C. elegans)	-1,0
12862844	777786	LOC777786	hypothetical protein LOC777786	-1,0
12721077	618503	C20orf44	basic FGF-repressed Zic binding protein	-1,0
12707367	538915	WDR43	WD repeat domain 43	-1,0
12780332	282248	HCRTR1	hypocretin (orexin) receptor 1	-1,0
12710532	613996	CARKD	carbohydrate kinase domain containing	-1,0
12741597	791039	MIR214	microRNA mir-214	-1,0
12678223	100139788	LOC100139788	similar to pol protein	-1,0
12776872	519694	ARL5A	ADP-ribosylation factor-like 5A	-1,0
12799310	521051	IQCF2	IQ motif containing F2	-1,0
12851741	613618	H2AFV	H2A histone family, member V	-1,0
12836705	505645	TMOD4	tropomodulin 4 (muscle)	-1,0
12738588	282035	RGS16	regulator of G-protein signaling 16	-1,0
12882842	100313230	MIR2458	microRNA mir-2458	-1,0
12836546	504984	TRAF3IP1	TNF receptor-associated factor 3 interacting protein 1	-1,0
12726744	281569	UPK2	uroplakin 2	-1,0

12902133	783232	LOC783232	similar to fertilin alpha	-1,0
12689622	517545	RGS6	regulator of G-protein signaling 6	-1,0
12781070	509932	MRT04	mRNA turnover 4 homolog (S. cerevisiae)	-1,0
12691786	614000	TMEM63C	transmembrane protein 63C	-1,0
12730673	100337287	LOC100337287	zinc finger protein 76 (expressed in testis)-like	-1,0
12802830	533310	RPL10A	ribosomal protein L10a	-1,0
12772712	614838	PIK3R5	phosphoinositide-3-kinase, regulatory subunit 5	-1,0
12759225	615295	LAIR1	leukocyte-associated immunoglobulin-like receptor 1	-1,0
12758675	534923	AKT2	v-akt murine thymoma viral oncogene homolog 2	-1,0
12788848	100313362	MIR136	microRNA mir-136	-1,0
12770642	516807	TMEM104	transmembrane protein 104	-1,0
12887125	538706	COMMD10	COMM domain containing 10	-1,0
12779023	541270	WDR33	WD repeat domain 33	-1,0
12712995	617943	PCID2	PCI domain containing 2	-1,0
12825112	513054	WHSC1L1	Wolf-Hirschhorn syndrome candidate 1-like 1	-1,0
12694611	512571	PKM2	pyruvate kinase, muscle	-1,0
12806796	617287	TRAM2	translocation associated membrane protein 2	-1,0
12700220	516921	EML6	echinoderm microtubule associated protein like 6	-1,0
12795804	517515	CCDC51	coiled-coil domain containing 51	-1,0
12799543	529366	SLMAP	sarcolemma associated protein	-1,0
12723634	618766	LOC618766	UPF0598 protein	-1,0
12850570	523645	ADAM22	ADAM metalloproteinase domain 22	-1,0
12873861	509652	PPAT	phosphoribosyl pyrophosphate amidotransferase	-1,0
12685310	528478	PRKCI	protein kinase C, iota	-1,0
12744080	540134	KLHL22	kelch-like 22 (Drosophila)	-1,0
12847853	768020	C3H1orf185	chromosome 1 open reading frame 185 ortholog	-1,0
12907295	282386	TMSB4X	thymosin beta 4, X-linked	-1,0
12850270	515765	SSBP1	single-stranded DNA binding protein 1	-1,0
12862950	783296	LOC783296	similar to heterochromatin protein 1 beta	-1,0
12891571	540296	ACTL7A	actin-like 7A	-1,0
12714464	507828	SFRS6	splicing factor, arginine/serine-rich 6	-1,0
12834188	523762	LOC523762	similar to Nucleolar transcription factor 1 (Upstream-binding factor 1) (UBF-1)	-1,0
12817270	525143	SMG1	SMG1 homolog, phosphatidylinositol 3-kinase-related kinase (C. elegans)	-1,0
12830667	514313	PACS1	phosphofurin acidic cluster sorting protein 1	-1,0
12791328	782682	LOC782682	similar to myeloid-associated differentiation marker	-1,0
12865160	509798	RBMS2	RNA binding motif, single stranded interacting protein 2	-1,0
12783309	536123	MYO3B	myosin IIIB	-1,0
12884383	508607	UIMC1	ubiquitin interaction motif containing 1	-1,0
12891116	534363	NIPSNAP3A	nipsnap homolog 3A (C. elegans)	-1,0
12727343	508910	TCP11L1	t-complex 11 (mouse)-like 1	-1,0
12859545	514595	LETMD1	LETMD1 domain containing 1	-1,0
12831148	525159	FERMT3	fermitin family homolog 3 (Drosophila)	-1,0
12792395	512668	ZSCAN29	zinc finger and SCAN domain containing 29	-1,0
12898481	538786	EYA4	eyes absent homolog 4 (Drosophila)	-1,0
12826966	540610	CHCHD1	coiled-coil-helix-coiled-coil-helix domain containing 1	-1,0
12856465	100313210	MIR2427	microRNA mir-2427	-1,0
12705328	511236	TAF1B	TATA box binding protein (TBP)-associated factor, RNA polymerase I, B, 63kDa	-1,0
12816697	514636	C25H16ORF13	chromosome 16 open reading frame 13 ortholog	-1,0
12753878	616838	CCDC8	coiled-coil domain containing 8	-1,0
12694876	514960	SRP19	signal recognition particle 19kDa	-1,0
12746367	512082	PIK3IP1	phosphoinositide-3-kinase interacting protein 1	-1,0
12683191	100337404	LOC100337404	hypothetical protein LOC100337404	-1,0
12871803	536190	LOC536190	gamma-aminobutyric-acid receptor beta 1-like	-1,0
12851380	537304	OSBPL3	oxysterol binding protein-like 3	-1,0
12723959	100296275	LOC100296275	hypothetical protein LOC100296275	-1,0

12725884	539643	VCPIP1	valosin containing protein (p97)/p47 complex interacting protein 1	-1,0
12720784	540979	STK35	serine/threonine kinase 35	-1,0
12713795	282643	LPLUNC1	von Ebner minor salivary gland protein	-1,0
12855987	616777	LOC616777	similar to HWKM1940	-1,0
12864505	504823	NUP107	nucleoporin 107kDa	-1,0
12720437	534097	DPM1	dolichyl-phosphate mannosyltransferase polypeptide 1, catalytic subunit	-1,0
12827149	616380	C28H1orf198	chromosome 1 open reading frame 198 ortholog	-1,0
12758735	537783	NOVA2	neuro-oncological ventral antigen 2	-1,0
12735089	506159	GPR52	G protein-coupled receptor 52	-1,0
12872954	100300493	LOC100300493	similar to microsomal triglyceride transfer protein	-1,0
12733376	613682	YPEL4	yippee-like 4	-1,0
12829147	100141246	LOC100141246	similar to hCG20936	-1,0
12688752	509231	PIAS1	protein inhibitor of activated STAT, 1	-1,0
12762788	511415	MBTD1	mbt domain containing 1	-1,0
12746865	518844	BRAP	BRCA1 associated protein	-1,0
12905050	534630	LOC534630	similar to RNA binding motif protein, X-linked 2	-1,0
12697045	614106	TMED8	transmembrane emp24 protein transport domain containing 8	-1,0
12866367	517876	ARID2	AT rich interactive domain 2 (ARID, RFX-like)	-1,0
12761624	504958	EIF4A1	eukaryotic translation initiation factor 4A, isoform 1	-1,0
12860877	532870	LMO3	LIM domain only 3 (rhombotin-like 2)	-1,0
12688722	508698	HAUS2	HAUS augmin-like complex, subunit 2	-1,0
12893230	509885	IARS	isoleucyl-tRNA synthetase	-1,0
12882107	768050	SMAD5	SMAD family member 5	-1,0
12802175	516239	GPSM3	G-protein signaling modulator 3 (AGS3-like, C. elegans)	-1,0
12846417	534656	CAPZA1	capping protein (actin filament) muscle Z-line, alpha 1	-1,0
12693244	100336428	LOC100336428	hypothetical protein LOC100336428	-1,0
12762513	509764	EIF1	eukaryotic translation initiation factor 1	-1,0
12762774	511376	TMEM199	transmembrane protein 199	-1,0
12755070	100126043	LOC100126043	hypothetical LOC100126043	-1,0
12843892	508941	CYR61	cysteine-rich, angiogenic inducer, 61	-1,0
12841152	614360	40801	15 kDa selenoprotein	-1,0
12692482	785001	TMEM202	transmembrane protein 202	-1,0
12697627	783845	LOC783845	similar to olfactory receptor MOR106-11	-1,0
12842273	100139472	LOC100139472	hypothetical protein LOC100139472	-1,0
12772371	539774	PHF23	PHD finger protein 23	-1,0
12688506	507111	CHD8	chromodomain helicase DNA binding protein 8	-1,0
12884558	509429	LARS	leucyl-tRNA synthetase	-1,0
12868276	613844	METTL7A	methyltransferase like 7A	-1,0
12721568	100336726	LOC100336726	serine/threonine-protein kinase MARK2-like	-1,0
12722156	509365	TATDN1	TatD DNase domain containing 1	-1,0
12848293	787704	LOC787704	hypothetical LOC787704	-1,0
12779686	785758	LOC785758	similar to splicing factor, arginine/serine-rich 9	-1,0
12834038	519985	TMEM225	transmembrane protein 225	-1,0
12777409	529922	ZRANB3	zinc finger, RAN-binding domain containing 3	-1,0
12891853	615764	ADI1	acireductone dioxygenase 1	-1,0
12741417	782450	TOR1AIP2	torsin A interacting protein 2	-1,0
12771389	530096	C19H17orf64	chromosome 17 open reading frame 64 ortholog	-1,0
12684748	515537	CLDND1	claudin domain containing 1	-1,0
12734303	100336777	LOC100336777	hypothetical protein LOC100336777	-1,0
12889100	281618	ALDH1B1	aldehyde dehydrogenase 1 family, member B1	-1,0
12704208	415113	HSPA5	heat shock 70kDa protein 5 (glucose-regulated protein, 78kDa)	-1,0
12904737	529223	LOC529223	similar to KIAA2001 protein	-1,0
12825165	516722	ASB5	ankyrin repeat and SOCS box-containing 5	-1,0
12772488	540826	SMURF2	SMAD specific E3 ubiquitin protein ligase 2	-1,0

12823572	282478	SLC25A4	solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 4	-1,0
12682704	782774	P2RY13	purinergic receptor P2Y, G-protein coupled, 13	-1,0
12774006	100300864	LOC100300864	hypothetical protein LOC100300864	-1,0
12825680	100294761	LOC100294761	hypothetical LOC100294761	-1,0
12697912	100125835	PCYOX1	prenylcysteine oxidase 1	-1,0
12904244	516667	LOC516667	similar to ferritin heavy chain	-1,0
12753239	538523	NFAT5	nuclear factor of activated T-cells 5, tonicity-responsive	-1,0
12810454	539357	VPS4B	vacuolar protein sorting 4 homolog B (<i>S. cerevisiae</i>)	-1,0
12689847	522423	SNAP23	synaptosomal-associated protein, 23kDa	-1,0
12760843	281688	CHRNE	cholinergic receptor, nicotinic, epsilon	-1,0
12724762	509819	PTDSS1	phosphatidylserine synthase 1	-1,0
12862064	541012	TCP11L2	t-complex 11 (mouse)-like 2	-1,0
12727606	511966	C2CD2L	C2CD2-like	-1,0
12863625	100298838	LOC100298838	similar to bicoid interacting protein 1	-1,0
12799853	534290	ANO10	anoctamin 10	-1,0
12708178	617248	GRHL1	grainyhead-like 1 (<i>Drosophila</i>)	-1,0
12712774	614694	NUPL1	nucleoporin like 1	-1,0
12857775	504505	APOBEC3B	apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3B	-1,0
12840713	539739	KCND3	potassium voltage-gated channel, Shal-related subfamily, member 3	-1,0
12712601	539061	POLR1D	polymerase (RNA) I polypeptide D, 16kDa	-1,0
12867016	533232	SMARCD1	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 1	-1,0
12781026	509598	MKI67IP	MKI67 (FHA domain) interacting nucleolar phosphoprotein	-1,0
12887222	539804	TRIM7	tripartite motif-containing 7	-1,0
12787110	493726	CARTPT	CART prepropeptide	-1,0
12710523	613627	SERP2	stress-associated endoplasmic reticulum protein family member 2	-1,0
12703174	784219	NUP214	nucleoporin 214kDa	-1,0
12816222	510361	AGFG2	ArfGAP with FG repeats 2	-1,0
12853791	510320	LOC510320	hypothetical protein LOC510320	-1,0
12855446	539475	LOC539475	hypothetical LOC539475	-1,0
12748920	100297111	LOC100297111	similar to zinc finger protein 347	-1,0
12832183	786562	LOC786562	similar to zinc finger protein 740	-1,0
12813989	615412	LOC615412	similar to BAI1-associated protein 2-like 1	-1,0
12714940	513230	PITRM1	pitrilysin metalloproteinase 1	-1,0
12879764	523226	PCDHA13	protocadherin alpha 13	-1,0
12862861	781474	LRRIQ1	leucine-rich repeats and IQ motif containing 1	-1,0
12833028	504884	EML3	echinoderm microtubule associated protein like 3	-1,0
12746863	518818	LOC518818	similar to FtsJ homolog 1	-1,0
12734063	100139219	MTOR	mechanistic target of rapamycin (serine/threonine kinase)	-1,0
12845158	520456	BTBD8	BTB (POZ) domain containing 8	-1,0
12878574	510738	AFAP1L1	actin filament associated protein 1-like 1	-1,0
12872030	538751	AREG	amphiregulin	-1,0
12692195	618104	LIN52	lin-52 homolog (<i>C. elegans</i>)	-1,0
12831238	529346	GAB2	GRB2-associated binding protein 2	-1,0
12826622	533952	FAM149B1	Protein FAM149B1	-1,0
12756975	512456	PSMD7	proteasome (prosome, macropain) 26S subunit, non-ATPase, 7	-1,0
12820827	540937	5-Mar	membrane-associated ring finger (C3HC4) 5	-1,0
12873031	100336842	LOC100336842	zinc finger protein 510-like	-1,0
12861452	537782	APAF1	apoptotic peptidase activating factor 1	-1,0
12888133	780845	WDR83	WD repeat domain 83	-1,0
12762219	508312	SFRS2	splicing factor, arginine/serine-rich 2	-1,0

12882320	787200	GALNT10	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylglactosaminyltransferase 10 (GalNAc-T10)	-1,0
12724277	286771	ASPH	aspartate beta-hydroxylase	-1,0
12775056	407136	HTR1D	5-hydroxytryptamine (serotonin) receptor 1D	-1,0
12892214	786526	LOC786526	similar to RIKEN cDNA 4930458L03	-1,0
12715046	514261	KIF5B	kinesin family member 5B	-1,0
12686311	539591	ARMC8	armadillo repeat containing 8	-1,0
12705607	513873	NDOR1	NADPH dependent diflavin oxidoreductase 1	-1,0
12806729	615223	BTN3A2	butyrophilin, subfamily 3, member A2	-1,0
12903459	507517	TKTL1	transketolase-like 1	-1,0
12849324	326579	BZW2	basic leucine zipper and W2 domains 2	-1,0
12886832	534707	CNOT6	CCR4-NOT transcription complex, subunit 6	-1,0
12892374	100295263	LOC100295263	hypothetical protein LOC100295263	-1,0
12800098	540408	ZNF445	zinc finger protein 445	-1,0
12720884	615677	CPNE1	copine I	-1,0
12910704	786530	LOC786530	similar to germ cell-less	-1,0
12779533	618122	SYNC	syncoilin, intermediate filament protein	-1,0
12716752	540212	NAA20	N(alpha)-acetyltransferase 20, NatB catalytic subunit	-1,0
12741232	616342	SDCCAG8	serologically defined colon cancer antigen 8	-1,0
12767763	404111	KRT14	keratin 14	-1,0
12857279	282572	KCNJ8	potassium inwardly-rectifying channel, subfamily J, member 8	-1,0
12817335	525482	ADCY9	adenylate cyclase 9	-1,0
12739183	509971	ANGPTL1	angiopoietin-like 1	-1,0
12686419	539940	UBXN7	UBX domain protein 7	-1,0
12744314	541223	ASPHD2	aspartate beta-hydroxylase domain containing 2	-1,0
12839052	523250	SF3A3	splicing factor 3a, subunit 3, 60kDa	-1,0
12688800	510352	SPATA7	spermatogenesis associated 7	-1,0
12890318	515200	CTSL1	cathepsin L1	-1,0
12836716	505679	S100A16	S100 calcium binding protein A16	-1,0
12683974	507471	LOC507471	similar to CG32262 CG32262-PA	-1,0
12821614	504377	DCLRE1A	DNA cross-link repair 1A (PSO2 homolog, <i>S. cerevisiae</i>)	-1,0
12755500	100336589	LOC100336589	leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 2-like	-1,0
12780750	506367	FAM124B	Protein FAM124B	-1,0
12757293	514418	ZNF526	zinc finger protein 526	-1,0
12851407	537690	EXOC4	exocyst complex component 4	-1,0
12870741	509608	NHEDC1	Na ⁺ /H ⁺ exchanger domain containing 1	-1,0
12733535	616182	SMAP	small acidic protein	-1,0
12856660	100336960	LOC100336960	hypothetical protein LOC100336960	-1,0
12713867	287026	PLCB1	phospholipase C, beta 1 (phosphoinositide-specific)	-1,0
12811237	100336840	LOC100336840	hypothetical protein LOC100336840	-1,0
12723318	539762	ZFHX4	zinc finger homeobox 4	-1,0
12864303	327708	RAP1B	RAP1B, member of RAS oncogene family	-1,0
12739415	513692	SPEN	spen homolog, transcriptional regulator (<i>Drosophila</i>)	-1,0
12768639	508144	ZZEF1	zinc finger, ZZ-type with EF-hand domain 1	-1,0
12844194	511255	OSBPL9	oxysterol binding protein-like 9	-1,0
12845742	528433	DDX20	DEAD (Asp-Glu-Ala-Asp) box polypeptide 20	-1,0
12724333	338089	ATP6V1C1	ATPase, H ⁺ transporting, lysosomal 42kDa, V1 subunit C1	-1,0
12745660	504966	TMEM184C	transmembrane protein 184C	-1,0
12690566	533862	PAPD4	PAP associated domain containing 4	-1,0
12812433	513865	TMC5	transmembrane channel-like 5	-1,0
12740901	540878	MGC152575	hypothetical LOC540878	-1,0
12745375	282053	RPS3A	ribosomal protein S3A	-1,0
12701906	536970	SLC9A4	solute carrier family 9 (sodium/hydrogen exchanger), member 4	-1,0
12828983	781665	IRF2BP2	interferon regulatory factor 2 binding protein 2	-1,0

12845960	531139	USP40	ubiquitin specific peptidase 40	-1,0
12905675	614449	LOC614449	similar to ribosomal protein S4, X-linked X	-1,0
12834765	541229	SF1	splicing factor 1	-1,0
12689010	511629	DCAF4	DDB1 and CUL4 associated factor 4	-1,0
12716303	534751	HSPA14	heat shock 70kDa protein 14	-1,0
12823479	281535	TLR3	toll-like receptor 3	-1,0
12901028	536838	SLC35A1	solute carrier family 35 (CMP-sialic acid transporter), member A1	-1,0
12696392	537916	ZFYVE1	zinc finger, FYVE domain containing 1	-1,0
12683730	504554	TCTEX1D2	Tctex1 domain containing 2	-1,0
12896596	280749	CGA	glycoprotein hormones, alpha polypeptide	-1,0
12678867	407215	KAT2B	K(lysine) acetyltransferase 2B	-1,0
12762987	512391	LOC512391	hypothetical protein LOC512391	-1,0
12716939	614834	CDS2	CDP-diacylglycerol synthase (phosphatidate cytidyltransferase) 2	-1,0
12745243	100336586	LOC100336586	immunoglobulin iota chain-like	-1,0
12722663	521058	COL22A1	collagen, type XXII, alpha 1	-1,0
12785918	527459	RICTOR	RPTOR independent companion of MTOR, complex 2	-1,0
12796958	615778	SEC61G	Sec61 gamma subunit	-1,0
12717681	100125285	SNX21	sorting nexin family member 21	-1,0
12711299	504754	MTRF1	mitochondrial translational release factor 1	-1,0
12694860	514919	WDR41	WD repeat domain 41	-1,0
12880358	531725	SLC25A46	solute carrier family 25, member 46	-1,0
12803670	617875	LOC617875	histone H4-like	-1,0
12691161	539478	TM9SF1	transmembrane 9 superfamily member 1	-1,0
12788854	100313377	MIR409	microRNA mir-409	-1,0
12825987	431784	CL43	collectin-43	-1,0
12793384	536240	LOC536240	similar to HECT domain containing 1	-1,0
12748137	616240	BCL7A	B-cell CLL/lymphoma 7A	-1,0
12900868	533608	CYB5R4	cytochrome b5 reductase 4	-1,0
12805372	511911	FAM8A1	family with sequence similarity 8, member A1	-1,0
12779184	614598	MAP3K6	mitogen-activated protein kinase kinase kinase 6	-1,0
12902326	100141182	RGAG1	retrotransposon gag domain containing 1	-1,0
12764468	534471	INTS2	integrator complex subunit 2	-1,0
12819852	519037	PLCE1	phospholipase C, epsilon 1	-1,0
12687240	784318	LOC784318	hypothetical LOC784318	-1,0
12786894	280878	NNT	nicotinamide nucleotide transhydrogenase	-1,0
12909060	529992	LOC529992	similar to PICALM variant protein	-1,0
12721103	619100	TP53RK	TP53 regulating kinase	-1,0
12821410	281444	RBP4	retinol binding protein 4, plasma	-1,0
12771690	533979	MPRIIP	myosin phosphatase Rho interacting protein	-1,0
12887415	540657	GABRB2	gamma-aminobutyric acid (GABA) A receptor, beta 2	-1,0
12874385	518437	LOC518437	similar to serine protease Desc4	-1,0
12726392	100294918	LOC100294918	hypothetical protein LOC100294918	-1,0
12890898	528919	FBXW12	F-box and WD repeat domain containing 12	-1,0
12826652	534331	DDX50	DEAD (Asp-Glu-Ala-Asp) box polypeptide 50	-1,0
12813565	534058	C25H16ORF62	chromosome 16 open reading frame 62 ortholog	-1,0
12727554	511823	LOC511823	similar to olfactory receptor 594	-1,0
12746006	507386	ARFIP1	ADP-ribosylation factor interacting protein 1	-1,0
12756999	512545	ITFG1	integrin alpha FG-GAP repeat containing 1	-1,0
12870634	507890	PRDM8	PR domain containing 8	-1,0
12875145	534770	HNRPDL	heterogeneous nuclear ribonucleoprotein D-like	-1,0
12739881	520833	UBE4B	ubiquitination factor E4B (UFD2 homolog, yeast)	-1,0
12876354	100296257	LOC100296257	hypothetical protein LOC100296257	-1,0
12888259	785439	NME5	non-metastatic cells 5, protein expressed in (nucleoside-diphosphate kinase)	-1,0
12806978	768056	C23H6orf130	chromosome 6 open reading frame 130 ortholog	-1,0
12785981	528003	ANKRA2	ankyrin repeat, family A (RFXANK-like), 2	-1,0
12887883	617002	LOC617002	similar to CG10038 CG10038-PB	-1,0

12857267	282527	TNFRSF1A	tumor necrosis factor receptor superfamily, member 1A	-1,0
12873252	281798	GNRHR	gonadotropin-releasing hormone receptor	-1,0
12710251	536660	LOC536660	similar to ATPase, aminophospholipid transporter-like, Class I, type 8A, member 2	-1,0
12682656	781353	RYK	RYK receptor-like tyrosine kinase	-1,0
12760653	281002	AOC3	amine oxidase, copper containing 3 (vascular adhesion protein 1)	-1,0
12747356	533208	COQ5	coenzyme Q5 homolog, methyltransferase (<i>S. cerevisiae</i>)	-1,0
12858829	510190	TM7SF3	transmembrane 7 superfamily member 3	-1,0
12853082	281601	ADCY1	adenylate cyclase 1 (brain)	-1,0
12711952	518075	ATP7B	ATPase, Cu++ transporting, beta polypeptide	-1,0
12757675	519736	RANBP10	RAN binding protein 10	-1,0
12681673	536784	PLCXD2	phosphatidylinositol-specific phospholipase C, X domain containing 2	-1,0
12809257	504741	COLEC12	collectin sub-family member 12	-1,0
12910399	777601	LOC777601	hypothetical protein LOC777601	-1,0
12896323	100298738	LOC100298738	similar to RNA binding motif protein 16	-1,0
12762696	510697	IFI35	interferon-induced protein 35	-1,0
12886733	534230	MAST3	microtubule associated serine/threonine kinase 3	-1,0
12866994	533141	TBK1	TANK-binding kinase 1	-1,0
12730384	786201	LOC786201	similar to Olfactory receptor 8K1 (Olfactory receptor OR11-182)	-1,0
12703763	100337498	LOC100337498	ATH1, acid trehalase-like 1 (yeast)-like	-1,0
12780801	507137	ARL6IP6	ADP-ribosylation-like factor 6 interacting protein 6	-1,0
12850742	527558	ZNF282	zinc finger protein 282	-1,0
12759279	615876	CEACAM18	carcinoembryonic antigen-related cell adhesion molecule 18	-1,0
12863077	785152	PRICKLE1	prickle homolog 1 (<i>Drosophila</i>)	-1,0
12800012	538860	PDE12	phosphodiesterase 12	-1,0
12847897	780805	LOC780805	dnaj-like protein	-1,0
12678310	100298192	LOC100298192	similar to SUMO1/sentrin/SMT3 specific protease 3	-1,0
12768418	507057	PHF12	PHD finger protein 12	-1,0
12794520	407772	CCR8	chemokine (C-C motif) receptor 8	-1,0
12827212	781772	LOC781772	similar to RIKEN cDNA 2200001I15	-1,0
12899272	100336996	LOC100336996	protein tyrosine phosphatase, receptor type, K-like	-1,0
12863623	100298808	LOC100298808	similar to olfactory receptor 49	-1,0
12773671	789104	KCNAB3	potassium voltage-gated channel, shaker-related subfamily, beta member 3	-1,0
12707736	541261	LHX6	LIM homeobox 6	-1,0
12909970	541275	ATP7A	ATPase, Cu++ transporting, alpha polypeptide	-1,0
12823075	614550	RGS10	regulator of G-protein signaling 10	-1,0
12825035	508280	MGC127461	hypothetical LOC508280	-1,0
12769736	511774	C1QTNF1	C1q and tumor necrosis factor related protein 1	-1,0
12889581	507019	ADAM28	ADAM metalloproteinase domain 28	-1,0
12835228	785165	MGC157332	hypothetical protein LOC785165	-1,0
12798928	511947	EOMES	eomesodermin homolog (<i>Xenopus laevis</i>)	-1,0
12748486	100125304	ZNF613	zinc finger protein 613	-1,0
12845899	530610	ATF6	activating transcription factor 6	-1,0
12842370	100296876	LOC100296876	hypothetical protein LOC100296876	-1,0
12765450	616223	LOC616223	similar to dysferlin interacting protein 1	-1,0
12899059	783172	BET3L	BET3 like (<i>S. cerevisiae</i>)	-1,0
12822034	513156	XPNPEP1	X-prolyl aminopeptidase (aminopeptidase P) 1, soluble	-1,0
12907954	511011	C11HXORF26	chromosome X open reading frame 26 ortholog	-1,0
12840612	539091	TRIM45	tripartite motif-containing 45	-1,0
12757890	522002	MAP4K1	mitogen-activated protein kinase kinase kinase kinase 1	-1,0
12888545	789148	LOC789148	similar to Ras-related protein Rap-1b precursor (GTP-binding protein smg p21B)	-1,0

12842911	327709	GSTM1	glutathione S-transferase M1	-1,0
12858865	510487	LOC510487	similar to UTP20, small subunit (SSU) processome component, homolog (yeast)	-1,0
12852382	782782	LOC782782	similar to small nuclear ribonucleoprotein polypeptide G	-1,0
12800953	100297854	LOC100297854	similar to doublecortin-like kinase 1	-1,0
12747307	532649	ATXN2	ataxin 2	-1,0
12717425	784000	SYCP2	synaptonemal complex protein 2	-1,0
12786189	537285	TRIM23	tripartite motif-containing 23	-1,0
12698237	100313477	MIR2298	microRNA mir-2298	-1,0
12841469	618226	SFPQ	splicing factor proline/glutamine-rich (polypyrimidine tract binding protein associated)	-1,0
12805186	509155	LOC509155	hypothetical LOC509155	-1,0
12698749	359716	DNMT3A	DNA (cytosine-5-)-methyltransferase 3 alpha	-1,0
12730243	782978	LOC782978	similar to Olfactory receptor 5P3 (Olfactory receptor-like protein JCG1)	-1,0
12865887	514323	DDX17	DEAD (Asp-Glu-Ala-Asp) box polypeptide 17	-1,0
12731594	509471	UBE2L6	ubiquitin-conjugating enzyme E2L 6	-1,0
12758340	529929	DDX19A	DEAD (Asp-Glu-Ala-As) box polypeptide 19A	-1,0
12722368	513788	FAM82B	family with sequence similarity 82, member B	-1,0
12784682	785568	LOC785568	similar to MORF-related gene 15	-1,0
12802036	514128	BYSL	bystin-like	-1,0
12759493	618195	LGI4	leucine-rich repeat LGI family, member 4	-1,0
12814705	789791	RBAK	RB-associated KRAB zinc finger	-1,0
12694181	508699	LRRC57	leucine rich repeat containing 57	-1,0
12724231	281546	TRAM1	translocation associated membrane protein 1	-1,0
12807300	100296801	LOC100296801	hypothetical protein LOC100296801	-1,0
12902558	100313263	MIR421	microRNA mir-421	-1,0
12910555	784938	LDHA	lactate dehydrogenase A	-1,0
12680181	513583	IFT80	intraflagellar transport 80 homolog (Chlamydomonas)	-1,0
12709373	508840	FNDC3A	fibronectin type III domain containing 3A	-1,0
12860586	527921	RASD2	RASD family, member 2	-1,0
12845397	523780	HS2ST1	heparan sulfate 2-O-sulfotransferase 1	-1,0
12773184	767858	MIS12	MIS12, MIND kinetochore complex component, homolog (S. pombe)	-1,0
12780740	506090	XIRP2	xin actin-binding repeat containing 2	-1,0
12828515	534322	WAPAL	wings apart-like homolog (Drosophila)	-1,0
12766845	100336535	LOC100336535	transcription factor SOX9-like	-1,0
12895106	540732	ACER2	alkaline ceramidase 2	-1,0
12869231	784537	LOC784537	hypothetical LOC784537	-1,0
12796712	539860	SETD2	SET domain containing 2	-1,0
12723767	783229	LOC783229	similar to heterogeneous nuclear ribonucleoprotein H3	-1,0
12846180	533361	LOC533361	similar to CG31803 CG31803-PA	-1,0
12757724	520046	DHX38	DEAH (Asp-Glu-Ala-His) box polypeptide 38	-1,0
12879131	515290	HNRNPM	heterogeneous nuclear ribonucleoprotein M	-1,0
12890785	527349	RGS3	regulator of G-protein signaling 3	-1,0
12679430	508076	COL18A1	collagen, type XVIII, alpha 1	-1,0
12711050	100337069	LOC100337069	multidrug resistance-associated protein 4 splice-like	-1,0
12803067	535508	HMGCLL1	3-hydroxymethyl-3-methylglutaryl-Coenzyme A lyase-like 1	-1,0
12805037	506398	ZNF165	zinc finger protein 165	-1,0
12864053	281747	EPYC	epiphycan	-1,0
12822395	519573	PDZD8	PDZ domain containing 8	-1,0
12842002	789334	ADAM30	ADAM metallopeptidase domain 30	-1,0
12694630	512792	SRP14	signal recognition particle 14kDa (homologous Alu RNA binding protein)	-1,0
12770496	515540	LOC515540	similar to olfactory receptor 376	-1,0
12899742	505797	TMEM30A	transmembrane protein 30A	-1,0

12688919	511013	LYSMD2	LysM, putative peptidoglycan-binding, domain containing 2	-1,0
12725252	514000	ARMC1	armadillo repeat containing 1	-1,0
12900168	513775	ZBTB2	zinc finger and BTB domain containing 2	-1,0
12773776	791013	MIR193A	microRNA mir-193a	-1,0
12775518	506947	METTL8	methyltransferase like 8	-1,0
12858042	506139	LOC506139	similar to olfactory receptor 769	-1,0
12719630	517886	DCLRE1C	DNA cross-link repair 1C (PSO2 homolog, <i>S. cerevisiae</i>)	-1,0
12875218	536021	RAB28	RAB28, member RAS oncogene family	-1,0
12896870	506218	SNX9	sorting nexin 9	-1,0
12865547	512120	LOC512120	similar to Uncharacterized protein KIAA1467	-1,0
12786464	541143	ZNF131	zinc finger protein 131	-1,0
12709765	520170	UCHL3	ubiquitin carboxyl-terminal esterase L3 (ubiquitin thiolesterase)	-1,0
12706080	519081	SPRED2	sprouty-related, EVH1 domain containing 2	-1,0
12755641	281111	CYBA	cytochrome b-245, alpha polypeptide	-1,0
12790295	524182	BNC1	basonuclin 1	-1,0
12720675	539018	ZFP64	zinc finger protein 64 homolog (mouse)	-1,0
12902379	100295889	LOC100295889	hypothetical protein LOC100295889	-1,0
12876523	100313305	MIR146A	microRNA mir-146a	-1,0
12769906	512869	RNF213	ring finger protein 213	-1,0
12807757	509040	APCDD1	adenomatosis polyposis coli down-regulated 1	-1,0
12679497	508374	QTRTD1	queuine tRNA-ribosyltransferase domain containing 1	-1,0
12832937	353510	IFITM1	interferon induced transmembrane protein 1 (9-27)	-1,0
12734033	100137872	AKT3	v-akt murine thymoma viral oncogene homolog 3 (protein kinase B, gamma)	-1,0
12817936	537921	FKBP6	FK506 binding protein 6, 36kDa	-1,0
12687663	100295732	MAP2K5	mitogen-activated protein kinase kinase 5	-1,0
12703223	785150	LOC785150	similar to aquarius	-1,0
12693884	505269	LOC505269	similar to T-cell receptor alpha chain	-1,0
12720703	539690	LOC539690	similar to Complement component C1q receptor precursor (Complement component 1 q subcomponent receptor 1) (C1qR) (C1qRp) (C1qR(p)) (C1q/MBL/SPA receptor) (Matrix-modeling-associated protein 4) (CD93 antigen) (CDw93)	-1,0
12721420	100124522	INTS8	integrator complex subunit 8	-1,0
12862249	613907	BHLHE41	basic helix-loop-helix family, member e41	-1,0
12910294	617126	LOC617126	hypothetical LOC617126	-1,0
12786647	664649	TAS2R1	taste receptor, type 2, member 1	-1,0
12839500	530205	LOC530205	hypothetical protein LOC530205	-1,0
12873413	407170	KDR	kinase insert domain receptor (a type III receptor tyrosine kinase)	-1,0
12888011	618330	LOC618330	similar to cyclin I	-1,0
12899965	509519	LDHAL6B	lactate dehydrogenase A-like 6B	-1,0
12828074	514761	AP3M1	adaptor-related protein complex 3, mu 1 subunit	-1,0
12814499	781546	C25H16orf82	chromosome 16 open reading frame 82 ortholog	-1,0
12717841	100299106	LOC100299106	similar to general transcription factor IIF, polypeptide 2, 30kDa	-1,0
12678618	281568	UMPS	uridine monophosphate synthetase	-1,0
12759962	787554	LOC787554	similar to zinc finger protein 577	-1,0
12822732	534506	LOC534506	similar to KIAA0598 protein	-1,0
12748520	100137855	ZNF614	zinc finger protein 614	-1,0
12741966	281653	CABP1	calcium binding protein 1	-1,0
12896953	507702	LTV1	LTV1 homolog (<i>S. cerevisiae</i>)	-1,0
12852810	100337102	LOC100337102	DDC protein-like	-1,0
12756129	504463	SIRT2	sirtuin (silent mating type information regulation 2 homolog) 2 (<i>S. cerevisiae</i>)	-1,0
12729863	614285	UVRAG	UV radiation resistance associated gene	-1,0

12820748	539876	DNAJC10	DnaJ (Hsp40) homolog, subfamily C, member 10	-1,0
12830142	508962	DDX25	DEAD (Asp-Glu-Ala-Asp) box polypeptide 25	-1,0
12782411	526800	ANKRD44	similar to mCG117548	-1,0
12793170	533147	PPP2R3C	protein phosphatase 2 (formerly 2A), regulatory subunit B", gamma	-1,0
12782511	528209	WDR12	WD repeat domain 12	-1,0
12679678	510408	PLCL2	phospholipase C-like 2	-1,0
12687149	783104	HPS3	Hermansky-Pudlak syndrome 3	-1,0
12712987	616972	POLR1D	polymerase (RNA) I polypeptide D	-1,0
12797689	791050	MIRLET7G	microRNA let-7g	-1,0
12894377	528315	SH3RF1	SH3 domain containing ring finger 1	-1,0
12909305	534413	EFNB1	ephrin-B1	-1,0
12845175	520544	VANGL2	vang-like 2 (van gogh, Drosophila)	-1,0
12903057	327674	COX7B	cytochrome c oxidase subunit VIIb	-1,0
12899314	100337096	LOC100337096	spectrin repeat containing, nuclear envelope 1-like	-1,0
12773197	768045	KRTAP3-3	keratin associated protein 3-3	-1,0
12780587	493710	TNFAIP6	tumor necrosis factor, alpha-induced protein 6	-1,0
12712792	614976	KLHL1	kelch-like 1 (Drosophila)	-1,0
12808177	533426	INO80C	INO80 complex subunit C	-1,0
12698011	100140704	STON1	stonin 1	-1,0
12688645	508270	FCF1	FCF1 small subunit (SSU) processome component homolog (S. cerevisiae)	-1,0
12851475	538865	HOXA4	homeobox A4	-1,0
12788772	100313008	MIR184	microRNA mir-184	-1,0
12699294	507166	KRCC1	lysine-rich coiled-coil 1	-1,0
12866390	518047	SLCO1C1	solute carrier organic anion transporter family, member 1C1	-1,0
12875394	539249	G3BP2	GTPase activating protein (SH3 domain) binding protein 2	-1,0
12697567	781491	LOC781491	similar to Six6 opposite strand transcript 1	-1,0
12829610	360190	AIP	aryl hydrocarbon receptor interacting protein	-1,0
12847180	541230	VPS45	vacuolar protein sorting 45 homolog (S. cerevisiae)	-1,0
12818155	613506	PRSS8	protease, serine, 8	-1,0
12759360	617165	COTL1	coactosin-like 1 (Dictyostelium)	-1,0
12798668	507949	GLYCTK	glycerate kinase	-1,0
12843181	504650	CEPT1	choline/ethanolamine phosphotransferase 1	-1,0
12876624	100337020	LOC100337020	zinc finger protein 180-like	-1,0
12794393	282131	ACVR2B	activin A receptor, type IIB	-1,0
12793904	780877	SNRPN	small nuclear ribonucleoprotein polypeptide N	-1,0
12680803	520620	NIT2	nitrilase family, member 2	-1,0
12824248	530879	PLEKHA2	pleckstrin homology domain containing, family A (phosphoinositide binding specific) member 2	-1,0
12741788	100336403	LOC100336403	transport and golgi organization 2-like	-1,0
12839769	532341	LOC532341	similar to putative olfactory receptor 10K3	-1,0
12880575	534214	G3BP1	GTPase activating protein (SH3 domain) binding protein 1	-1,0
12861876	540044	GPR84	G protein-coupled receptor 84	-1,0
12870749	509744	ADH1C	alcohol dehydrogenase 1C (class I), gamma polypeptide	-1,0
12878470	509992	ZNF608	zinc finger protein 608	-1,0
12684024	507820	SEN7	SUMO1/sentrin specific peptidase 7	-1,0
12743592	533951	PLRG1	pleiotropic regulator 1 (PRL1 homolog, Arabidopsis)	-1,0
12819402	509291	LOC509291	similar to chromosome 10 open reading frame 130	-1,0
12758976	540462	AKTIP	AKT interacting protein	-1,0
12803564	615902	LOC615902	similar to hCG1805526	-1,0
12825376	536310	ZDHHC2	zinc finger, DHHC-type containing 2	-1,0
12827105	615835	LOC615835	similar to Uncharacterized protein C10orf11 homolog	-1,0
12827204	780882	GGPS1	geranylgeranyl diphosphate synthase 1	-1,0
12896033	785863	LOC785863	similar to chromosome 9 open reading frame 153	-1,0

12724704	509563	DSCC1	defective in sister chromatid cohesion 1 homolog (S. cerevisiae)	-1,0
12826078	508335	LOC508335	similar to Family with sequence similarity 35, member A	-1,0
12810622	614633	C17H18orf55	chromosome 18 open reading frame 55 ortholog	-1,0
12756008	360006	DNAJA2	DnaJ (Hsp40) homolog, subfamily A, member 2	-1,0
12906188	786155	LOC786155	similar to Olfactory receptor 13H1 (Olfactory receptor ORX-1)	-1,0
12904714	529148	LAMP2	lysosomal-associated membrane protein 2	-1,0
12852372	782091	DDX18	DEAD (Asp-Glu-Ala-Asp) box polypeptide 18	-1,0
12866188	516026	GPRC5A	G protein-coupled receptor, family C, group 5, member A	-1,0
12764872	538710	G6PC	glucose-6-phosphatase, catalytic subunit	-1,0
12738821	505314	UBE2T	ubiquitin-conjugating enzyme E2T (putative)	-1,0
12839908	533646	RIT1	Ras-like without CAAX 1	-1,0
12761915	506221	METTL2B	methyltransferase like 2B	-1,0
12906145	784937	MTCP1	mature T-cell proliferation 1	-1,0
12764103	529494	TANC2	tetratricopeptide repeat, ankyrin repeat and coiled-coil containing 2	-1,0
12723427	613774	TMEM70	transmembrane protein 70	-1,0
12740412	534684	DSTYK	dual serine/threonine and tyrosine protein kinase	-1,0
12838479	514846	LOC514846	similar to putative olfactory receptor 10T1	-1,0
12761280	317656	PCTP	phosphatidylcholine transfer protein	-1,0
12694716	514326	TLE3	transducin-like enhancer of split 3 (E(sp1) homolog, Drosophila)	-1,0
12881416	540964	TCERG1	transcription elongation regulator 1	-1,0
12768134	505152	POLG2	polymerase (DNA directed), gamma 2, accessory subunit	-1,0
12755130	100139204	BOSTAUV1R404	vomeroneural 1 receptor bosTauV1R404	-1,0
12866028	514916	LOC514916	similar to dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 2	-1,0
12798953	512697	C22H3ORF19	chromosome 3 open reading frame 19 ortholog	-1,0
12842687	281824	HSD3B1	hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 1	-1,0
12689450	515193	SLTM	SAFB-like, transcription modulator	-1,0
12796050	524343	EXOG	endo/exonuclease (5'-3'), endonuclease G-like	-1,0
12873928	511059	FRYL	FRY-like	-1,0
12725965	613423	UBE2W	ubiquitin-conjugating enzyme E2W (putative)	-1,0
12785096	281492	SMN1	survival motor neuron	-1,0
12839948	534169	SPATA6	spermatogenesis associated 6	-1,0
12779661	783784	WDSUB1	WD repeat, sterile alpha motif and U-box domain containing 1	-1,0
12685483	530549	EFHB	EF-hand domain family, member B	-1,0
12866571	522422	CELSR1	cadherin, EGF LAG seven-pass G-type receptor 1 (flamingo homolog, Drosophila)	-1,0
12863147	786131	LOC786131	similar to ribosomal protein L17	-1,0
12719065	512107	C13H20ORF12	chromosome 20 open reading frame 12 ortholog	-1,0
12708889	100337006	LOC100337006	ABCC4 protein-like	-1,0
12834106	522004	LOC522004	similar to several ankyrin repeat protein transcript	-1,0
12783871	540693	AP1S3	adaptor-related protein complex 1, sigma 3 subunit	-1,0
12865651	512897	RAD52	RAD52 homolog (S. cerevisiae)	-1,0
12844072	510469	RTCD1	RNA terminal phosphate cyclase domain 1	-1,0
12731659	510313	BUD13	BUD13 homolog (S. cerevisiae)	-1,0
12848616	100313352	MIR335	microRNA mir-335	-1,0
12881093	539087	MGC134419	hypothetical LOC539087	-1,0
12801151	282137	AGPAT1	1-acylglycerol-3-phosphate O-acyltransferase 1 (lysophosphatidic acid acyltransferase, alpha)	-1,0
12819774	517290	LIPM	lipase, family member M	-1,0
12814959	100298507	LOC100298507	hypothetical protein LOC100298507	-1,0
12721874	408006	OPLAH	5-oxoprolinase (ATP-hydrolysing)	-1,0

12684777	516008	CD200R1L	CD200 receptor 1-like	-1,0
12849380	404098	SND1	staphylococcal nuclease and tudor domain containing 1	-1,0
12834992	616926	ESAM	endothelial cell adhesion molecule	-1,0
12703031	767847	PMPCA	peptidase (mitochondrial processing) alpha	-1,0
12771385	530088	KRBA2	KRAB-A domain containing 2	-1,0
12686145	538604	ABI3BP	ABI family, member 3 (NESH) binding protein	-1,0
12905621	613729	HMGB3	high-mobility group box 3	-1,0
12907703	508601	CETN2	centrin, EF-hand protein, 2	-1,0
12707726	541257	NR6A1	nuclear receptor subfamily 6, group A, member 1	-1,0
12728360	521194	MAML2	mastermind-like 2 (Drosophila)	-1,0
12886168	528224	LOC528224	similar to olfactory receptor, family 7, subfamily G, member 2	-1,0
12850007	511812	GNG11	guanine nucleotide binding protein (G protein), gamma 11	-1,0
12878170	508124	LOC508124	similar to Homer, neuronal immediate early gene, 3	-1,0
12808521	538958	LOC538958	similar to Dermatan-sulfate epimerase-like protein	-1,0
12723454	614441	RGS20	regulator of G-protein signaling 20	-1,0
12765029	539606	PYCR1	pyrroline-5-carboxylate reductase 1	-1,0
12792590	515608	PEX11A	peroxisomal biogenesis factor 11A	-1,0
12751492	513761	ZNF276	zinc finger protein 276	-1,0
12685727	534293	MCM3AP	minichromosome maintenance complex component 3 associated protein	-1,0
12766728	100297075	LOC100297075	similar to ribosomal protein L39	-1,0
12841168	614715	TMCO1	transmembrane and coiled-coil domains 1	-1,0
12877088	282322	PRKACA	protein kinase, cAMP-dependent, catalytic, alpha	-1,0
12892110	784344	LOC784344	similar to UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 5	-1,0
12827131	616218	GALNT2	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylglactosaminyltransferase 2 (GalNAc-T2)	-1,0
12818214	614673	NUPR1	nuclear protein, transcriptional regulator, 1	-1,0
12862768	767878	LOC767878	hypothetical protein LOC767878	-1,0
12811911	506441	DCTN5	dynactin 5 (p25)	-1,0
12908955	526925	OFD1	oral-facial-digital syndrome 1	-1,0
12825070	510845	C27H8ORF79	chromosome 8 open reading frame 79 ortholog	-1,0
12784358	616379	SEPN1	selenoprotein N, 1	-1,0
12706700	532546	AAK1	AP2 associated kinase 1	-1,0
12733151	539820	TRIM6-TRIM34	TRIM6-TRIM34 readthrough	-1,0
12823046	614488	AVPI1	arginine vasopressin-induced 1	-1,0
12880539	533971	SF4	splicing factor 4	-1,0
12687091	768025	KCNE2	potassium voltage-gated channel, Isk-related family, member 2	-1,0
12791910	505010	CLMN	calmin (calponin-like, transmembrane)	-1,0
12786344	540168	RNASEN	ribonuclease type III, nuclear	-1,0
12853357	493728	CAPZA2	capping protein (actin filament) muscle Z-line, alpha 2	-1,0
12882192	782132	ZMAT2	zinc finger, matrin type 2	-1,0
12790928	539366	LRFN5	leucine rich repeat and fibronectin type III domain containing 5	-1,0
12811093	100299006	ACSM4	acyl-CoA synthetase medium-chain family member 4	-1,0
12853704	508663	ZNF277	zinc finger protein 277	-1,0
12892517	100336570	LOC100336570	Testis-specific Y-encoded protein 1-like	-1,0
12708219	618009	ASAP2	ArfGAP with SH3 domain, ankyrin repeat and PH domain 2	-1,0
12842299	100140553	GJB4	gap junction protein, beta 4, 30.3kDa	-1,0
12829973	507107	SLC3A2	solute carrier family 3 (activators of dibasic and neutral amino acid transport), member 2	-1,0
12754460	782414	LOC782414	similar to C-Maf-inducing protein (c-Mip) (Truncated c-Maf inducing protein) (Tc-Mip)	-1,0
12899119	787762	SFRS13B	splicing factor, arginine/serine-rich 13B	-1,0

12728973	533348	PAAF1	proteasomal ATPase-associated factor 1	-1,0
12771793	534567	SNX11	sorting nexin 11	-1,0
12906339	100124519	NKRF	NFKB repressing factor	-1,0
12793211	533994	SEC23A	Sec23 homolog A (S. cerevisiae)	-1,0
12890299	514957	KIAA0020	KIAA0020	-1,0
12760926	282130	ACADVL	acyl-coenzyme A dehydrogenase, very long chain	-1,0
12808231	535035	ESCO1	establishment of cohesion 1 homolog 1 (S. cerevisiae)	-1,0
12722089	507711	ADHFE1	alcohol dehydrogenase, iron containing, 1	-1,0
12779724	787568	LOC787568	similar to Tubulin, alpha 1	-1,0
12730528	100297270	LOC100297270	hypothetical protein LOC100297270	-1,0
12782354	524289	OCA2	oculocutaneous albinism II	-1,0
12690295	530413	LOC530413	similar to chromosome 14 open reading frame 174	-1,0
12852299	768226	ZYX	zyxin	-1,0
12723806	785799	ZNF7	zinc finger protein 7	-1,0
12706444	527403	MAT2A	methionine adenosyltransferase II, alpha	-1,0
12790143	517396	LOC517396	similar to tetratricopeptide repeat domain 6	-1,0
12894567	533033	LOC533033	similar to Deafness, autosomal recessive 31	-1,0
12755218	100141015	BOSTAUV1R402	vomeroneasal 1 receptor bosTauV1R402	-1,0
12694311	509322	PGGT1B	protein geranylgeranyltransferase type I, beta subunit	-1,0
12684346	511034	TMEM108	transmembrane protein 108	-1,0
12682673	781565	LOC781565	similar to ribosomal protein S6-like	-1,0
12764898	538855	SLC16A13	solute carrier family 16, member 13 (monocarboxylic acid transporter 13)	-1,0
12893416	511468	NINJ1	ninjurin 1	-1,0
12799210	517850	APPL1	adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper containing 1	-1,0
12783046	535102	ZC3H15	zinc finger CCCH-type containing 15	-1,0
12908880	525619	DKC1	dyskeratosis congenita 1, dyskerin	-1,0
12792170	509050	C21H15orf40	chromosome 15 open reading frame 40 ortholog	-1,0
12753822	616139	FXYP1	FXYP domain containing ion transport regulator 1	-1,0
12888885	100335747	LOC100335747	hypothetical protein LOC100335747	-1,1
12770051	513262	TEX2	testis expressed 2	-1,1
12836672	505417	MAGOH	mago-nashi homolog, proliferation-associated (Drosophila)	-1,1
12741456	783375	ACBD3	acyl-Coenzyme A binding domain containing 3	-1,1
12814010	615553	RMI2	chromosome 16 open reading frame 75 ortholog	-1,1
12686678	614166	LOC614166	similar to Uncharacterized protein C8orf42 homolog	-1,1
12725414	521857	TRIB1	tribbles homolog 1 (Drosophila)	-1,1
12719749	519624	STX16	syntaxin 16	-1,1
12864285	317660	HOXC6	homeobox C6	-1,1
12806770	616774	CRISP1	cysteine-rich secretory protein 1	-1,1
12720597	535933	LOC535933	similar to pantothenate kinase 2	-1,1
12790853	538131	ADAMTS17	ADAM metalloproteinase with thrombospondin type 1 motif, 17	-1,1
12760151	789836	ZNF583	zinc finger protein 583	-1,1
12873765	508005	EXOSC9	exosome component 9	-1,1
12869026	781886	LOC781886	similar to Coiled-coil domain-containing protein 131 (Proline/serine-rich coiled-coil protein 2)	-1,1
12723444	614279	MGC133632	hypothetical protein LOC614279	-1,1
12826730	537167	H2AFY2	H2A histone family, member Y2	-1,1
12735642	515128	LOC515128	similar to major facilitator superfamily domain containing 4	-1,1
12773444	785603	TBKBP1	TBK1 binding protein 1	-1,1
12689985	525594	TOMM20L	translocase of outer mitochondrial membrane 20 homolog (yeast)-like	-1,1
12693205	100335253	LOC100335253	GTP-binding protein Rheb-like	-1,1
12734015	788739	LOC788739	similar to Olfactory receptor 51L1	-1,1
12727372	509174	LOC509174	similar to olfactory receptor Olr51	-1,1
12801726	511798	FBXO9	F-box protein 9	-1,1

12704667	508132	NAGK	N-acetylglucosamine kinase	-1,1
12897055	510873	TCF21	transcription factor 21	-1,1
12692942	100296136	LOC100296136	hypothetical protein LOC100296136	-1,1
12899131	100125240	PLN	phospholamban	-1,1
12855202	535589	TAX1BP1	Tax1 (human T-cell leukemia virus type I) binding protein 1	-1,1
12820472	534370	FAM45A	family with sequence similarity 45, member A	-1,1
12687512	100125763	LOC100125763	neuronal protein 3.1	-1,1
12748301	783217	MLXIP	MLX interacting protein	-1,1
12892312	100139170	GBA2	glucosidase, beta (bile acid) 2	-1,1
12867861	539496	MED21	mediator complex subunit 21	-1,1
12800632	782758	SYN2	synapsin II	-1,1
12820985	616788	LOC616788	similar to growth inhibition and differentiation related protein 86	-1,1
12906281	790983	MIR221	microRNA mir-221	-1,1
12819631	514159	ACSL5	acyl-CoA synthetase long-chain family member 5	-1,1
12737579	617754	SHISA4	shisa homolog 4 (Xenopus laevis)	-1,1
12715787	525479	LOC525479	similar to Uncharacterized protein C20orf160	-1,1
12700594	521442	SPAST	spastin	-1,1
12715172	515358	LOC515358	hypothetical LOC515358	-1,1
12882695	100296206	LOC100296206	hypothetical protein LOC100296206	-1,1
12710815	783374	N6AMT2	N-6 adenine-specific DNA methyltransferase 2 (putative)	-1,1
12889967	509630	LOC509630	similar to without children CG5965-PB	-1,1
12727117	506012	TEX12	testis expressed 12	-1,1
12784555	782669	HNRNPA3	heterogeneous nuclear ribonucleoprotein A3	-1,1
12771305	528485	NEURL4	neuralized homolog 4 (Drosophila)	-1,1
12854977	534101	BMPER	BMP binding endothelial regulator	-1,1
12716115	530813	DOK5	docking protein 5	-1,1
12803402	540812	LOC540812	hypothetical LOC540812	-1,1
12783261	535683	PSMD14	proteasome (prosome, macropain) 26S subunit, non-ATPase, 14	-1,1
12692994	100296357	LOC100296357	hypothetical protein LOC100296357	-1,1
12881821	616206	LOC616206	similar to Uncharacterized protein KIAA1543	-1,1
12738247	100337161	LOC100337161	kinesin family member 1B-like	-1,1
12754636	785776	LOC785776	similar to WW domain-binding protein 7 (WBP-7) (Myeloid/lymphoid or mixed-lineage leukemia protein 4) (Trithorax homolog 2) (Lysine N-methyltransferase 2D)	-1,1
12711253	407230	HTR2A	5-hydroxytryptamine (serotonin) receptor 2A	-1,1
12712812	615298	CLLD6	chronic lymphocytic leukemia deletion region gene 6 protein homolog	-1,1
12807901	513568	SERPINB7	serpin peptidase inhibitor, clade B (ovalbumin), member 7	-1,1
12764323	532659	LRRC59	leucine rich repeat containing 59	-1,1
12905753	616289	LOC616289	similar to dachshund-like protein DACH2	-1,1
12907918	510736	LOC510736	similar to HEPH	-1,1
12842417	100298793	LOC100298793	similar to cytochrome P450, family 2, subfamily J, polypeptide 2	-1,1
12839453	530146	SLC44A5	solute carrier family 44, member 5	-1,1
12722105	508040	LOC508040	similar to Strumpellin	-1,1
12712871	615692	SAP18	Sin3A-associated protein, 18kDa	-1,1
12833589	512136	NXF1	nuclear RNA export factor 1	-1,1
12791509	100296203	LOC100296203	hypothetical protein LOC100296203	-1,1
12794528	444881	MYD88	myeloid differentiation primary response gene (88)	-1,1
12693799	494548	DIO2	deiodinase, iodothyronine, type II	-1,1
12832172	786072	SCGB2A2	secretoglobin, family 2A, member 2	-1,1
12754378	768062	DYNLRB2	dynein, light chain, roadblock-type 2	-1,1
12775512	506928	PEF1	penta-EF-hand domain containing 1	-1,1

12876599	100336926	LOC100336926	mastermind-like 1-like	-1,1
12805840	519859	PRP9	prolactin-related protein IX	-1,1
12751178	512341	MLYCD	malonyl-CoA decarboxylase	-1,1
12833317	508493	PNPLA2	patatin-like phospholipase domain containing 2	-1,1
12722759	522943	NBN	nibrin	-1,1
12736829	535394	RERE	arginine-glutamic acid dipeptide (RE) repeats	-1,1
12863358	100138505	LOC100138505	similar to chromosome 22 open reading frame 9	-1,1
12894910	538899	ALG2	asparagine-linked glycosylation 2, alpha-1,3-mannosyltransferase homolog (<i>S. cerevisiae</i>)	-1,1
12760764	281351	NMT1	N-myristoyltransferase 1	-1,1
12893820	514697	RFK	riboflavin kinase	-1,1
12893075	507115	BIN3	bridging integrator 3	-1,1
12800042	539101	JAGN1	jagunal homolog 1 (<i>Drosophila</i>)	-1,1
12900459	519522	LOC519522	chromosome 6 open reading frame 182 ortholog	-1,1
12724157	280740	CA2	carbonic anhydrase II	-1,1
12878256	508684	NR2C2AP	nuclear receptor 2C2-associated protein	-1,1
12850554	523019	LOC523019	similar to Sp4 transcription factor	-1,1
12812241	511252	C25H7orf42	chromosome 7 open reading frame 42 ortholog	-1,1
12756340	505591	LOC505591	similar to LOC618035 protein	-1,1
12710323	537630	GPR180	G protein-coupled receptor 180	-1,1
12753331	539080	IRGC	immunity-related GTPase family, cinema	-1,1
12771558	533087	EZH1	enhancer of zeste homolog 1 (<i>Drosophila</i>)	-1,1
12909652	537991	LRCH2	leucine-rich repeats and calponin homology (CH) domain containing 2	-1,1
12788594	100138339	SH2D7	SH2 domain containing 7	-1,1
12843913	509019	ZBTB7B	zinc finger and BTB domain containing 7B	-1,1
12855122	534965	TES	testis derived transcript (3 LIM domains)	-1,1
12870136	282239	GABRB1	gamma-aminobutyric acid (GABA) A receptor, beta 1	-1,1
12727136	506627	DKK3	dickkopf homolog 3 (<i>Xenopus laevis</i>)	-1,1
12789270	504694	LOC504694	similar to ADAM metalloproteinase with thrombospondin type 1 motif, 7	-1,1
12875726	615222	LOC615222	hypothetical protein LOC615222	-1,1
12786638	618333	EFCAB9	EF-hand calcium binding domain 9	-1,1
12869868	280834	EVC2	Ellis van Creveld syndrome 2	-1,1
12882099	768022	MGC137030	hypothetical protein MGC137030	-1,1
12781589	514644	PHACTR4	phosphatase and actin regulator 4	-1,1
12866544	522122	SMC1B	structural maintenance of chromosomes 1B	-1,1
12791243	100272171	SERPINA3-6	serpin A3-6	-1,1
12884633	509629	SLC36A2	solute carrier family 36 (proton/amino acid symporter), member 2	-1,1
12873282	282516	RAP1GDS1	RAP1, GTP-GDP dissociation stimulator 1	-1,1
12719974	524776	LOC524776	similar to chromodomain helicase DNA binding protein 6	-1,1
12694064	507819	SPG11	spastic paraplegia 11 (autosomal recessive)	-1,1
12840928	540778	ZSWIM5	zinc finger, SWIM-type containing 5	-1,1
12756459	507571	DYRK1B	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1B	-1,1
12774013	100301114	LOC100301114	similar to formin binding protein 3	-1,1
12737921	100139547	CDC73	cell division cycle 73, Paf1/RNA polymerase II complex component, homolog (<i>S. cerevisiae</i>)	-1,1
12755302	100297622	LOC100297622	hypothetical protein LOC100297622	-1,1
12700742	522382	CNNM4	cyclin M4	-1,1
12696419	538094	MAPK6	mitogen-activated protein kinase 6	-1,1
12880259	528952	LOC528952	similar to chromosome 19 open reading frame 29	-1,1
12890773	526705	RANBP6	RAN binding protein 6	-1,1
12702913	617333	LOC617333	similar to Olfactory receptor 1J4 (Olfactory receptor OR9-21) (HTPCRX01)	-1,1
12891980	618814	PTPLAD2	protein tyrosine phosphatase-like A domain containing 2	-1,1

12772102	538648	ZFP3	zinc finger protein 3 homolog (mouse)	-1,1
12802761	532641	ZFAND3	zinc finger, AN1-type domain 3	-1,1
12815073	100337270	LOC100337270	ATP-binding cassette, sub-family C (CFTR/MRP), member 6-like	-1,1
12825719	100313069	MIR584-3	microRNA mir-584-3	-1,1
12680534	516036	CBR3	carbonyl reductase 3	-1,1
12741381	768068	KLHL12	kelch-like 12 (Drosophila)	-1,1
12684528	513653	WDR52	WD repeat domain 52	-1,1
12812837	516371	ERCC4	excision repair cross-complementing rodent repair deficiency, complementation group 4	-1,1
12878044	507120	CIRBP	cold inducible RNA binding protein	-1,1
12828947	781067	JMJD1C	jumonji domain containing 1C	-1,1
12804587	282311	PLA2G7	phospholipase A2, group VII (platelet-activating factor acetylhydrolase, plasma)	-1,1
12898477	538541	TSPYL1	TSPY-like 1	-1,1
12744211	540537	ANAPC5	anaphase promoting complex subunit 5	-1,1
12779112	614227	TAF12	TAF12 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 20kDa	-1,1
12706846	533479	PREPL	prolyl endopeptidase-like	-1,1
12725595	529552	CYP7B1	cytochrome P450, family 7, subfamily B, polypeptide 1	-1,1
12686791	615128	TMEM39A	transmembrane protein 39A	-1,1
12795538	514456	GPD1L	glycerol-3-phosphate dehydrogenase 1-like	-1,1
12689813	521217	SLC12A6	solute carrier family 12 (potassium/chloride transporters), member 6	-1,1
12801465	507682	BMP5	bone morphogenetic protein 5	-1,1
12910154	615175	NONO	non-POU domain containing, octamer-binding	-1,1
12846058	532204	C3H1orf66	chromosome 1 open reading frame 66 ortholog	-1,1
12791786	337871	DICER1	dicer 1, ribonuclease type III	-1,1
12683269	280833	KNG1	kininogen 1	-1,1
12867232	534380	FAR2	fatty acyl CoA reductase 2	-1,1
12738127	100313047	MIR429	microRNA mir-429	-1,1
12757357	515089	ZNF43	zinc finger protein 43	-1,1
12747365	533230	ZNF330	zinc finger protein 330	-1,1
12855038	534448	ATXN7L1	ataxin 7-like 1	-1,1
12750569	509172	SAMD4B	sterile alpha motif domain containing 4B	-1,1
12788686	100299504	LOC100299504	similar to hedgehog-interacting protein	-1,1
12807222	789972	KHDRBS2	KH domain containing, RNA binding, signal transduction associated 2	-1,1
12812393	512670	PHKG2	phosphorylase kinase, gamma 2 (testis)	-1,1
12853860	511147	CDK13	cyclin-dependent kinase 13	-1,1
12903992	514372	MAGED2	melanoma antigen family D, 2	-1,1
12876027	782093	AASDH	aminoadipate-semialdehyde dehydrogenase	-1,1
12776963	522105	AHDC1	AT hook, DNA binding motif, containing 1	-1,1
12820493	535067	SUFU	suppressor of fused homolog (Drosophila)	-1,1
12742108	378475	IL21	interleukin 21	-1,1
12759702	768319	MT1E	metallothionein 1E	-1,1
12883086	281119	DNMT1	DNA (cytosine-5-)-methyltransferase 1	-1,1
12871807	536203	ABCG2	ATP-binding cassette, sub-family G (WHITE), member 2	-1,1
12743008	521542	DEPDC5	DEP domain containing 5	-1,1
12708952	100337244	LOC100337244	ATP-binding cassette protein C4-like	-1,1
12814467	768005	SLC9A3R2	solute carrier family 9 (sodium/hydrogen exchanger), member 3 regulator 2	-1,1
12721306	785666	LOC785666	similar to Uncharacterized protein C10orf18 homolog (Peripheral benzodiazepine receptor-associated protein 20)	-1,1
12880802	536759	FER	fer (fps/fes related) tyrosine kinase	-1,1
12738182	100336754	LOC100336754	hypothetical protein LOC100336754	-1,1
12778146	536462	ARMC9	armadillo repeat containing 9	-1,1

12830162	509323	LOC509323	similar to Olfactory receptor 8G2 (Olfactory receptor OR11-297) (Olfactory receptor TPCR120)	-1,1
12690897	536818	SLC7A8	solute carrier family 7 (cationic amino acid transporter, y+ system), member 8	-1,1
12678842	286805	ADAMTS5	ADAM metalloproteinase with thrombospondin type 1 motif, 5	-1,1
12701692	535820	EIF2AK3	eukaryotic translation initiation factor 2-alpha kinase 3	-1,1
12823371	100294929	LOC100294929	hypothetical protein LOC100294929	-1,1
12737797	788459	SOX13	SRX (sex determining region Y)-box 13	-1,1
12697941	100126045	ENTPD2	ectonucleoside triphosphate diphosphohydrolase 2	-1,1
12757493	518395	ADAMTS18	ADAM metalloproteinase with thrombospondin type 1 motif, 18	-1,1
12906927	100337282	LOC100337282	hypothetical protein LOC100337282	-1,1
12860556	527491	SLC38A1	solute carrier family 38, member 1	-1,1
12892185	785942	SEMA4D	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4D	-1,1
12897227	515730	PEX3	peroxisomal biogenesis factor 3	-1,1
12703060	768311	YWHAQ	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, theta polypeptide	-1,1
12899212	100313029	MIR30F	microRNA mir-30f	-1,1
12734191	100295789	LOC100295789	similar to histone cluster 1, H2bd	-1,1
12795988	522113	MYRIP	myosin VIIA and Rab interacting protein	-1,1
12880731	536558	HSPA4	heat shock 70kDa protein 4	-1,1
12891710	613587	MGC133950	hypothetical protein LOC613587	-1,1
12715630	523204	ZNF341	zinc finger protein 341	-1,1
12910166	615239	GPC3	glypican 3	-1,1
12781016	509439	NECAP2	NECAP endocytosis associated 2	-1,1
12903047	317706	PGRMC1	progesterone receptor membrane component 1	-1,1
12823715	508090	FGL1	fibrinogen-like 1	-1,1
12742602	513508	LOC513508	similar to acyl-Coenzyme A dehydrogenase family, member 10	-1,1
12797616	787967	ATG7	ATG7 autophagy related 7 homolog (S. cerevisiae)	-1,1
12694160	508224	SCG5	secretogranin V (7B2 protein)	-1,1
12825620	783570	LOC783570	similar to NEFA-interacting nuclear protein NIP30	-1,1
12846649	537675	UTP11L	UTP11-like, U3 small nucleolar ribonucleoprotein, (yeast)	-1,1
12755573	100337268	LOC100337268	hypothetical protein LOC100337268	-1,1
12909733	539145	OTUD5	OTU domain containing 5	-1,1
12902737	100336947	LOC100336947	Rho GTPase activating protein 12-like	-1,1
12910646	785342	LOC785342	similar to LOC100126053 protein	-1,1
12742723	515798	CORO1C	coronin, actin binding protein, 1C	-1,1
12767297	281638	ARRB2	arrestin, beta 2	-1,1
12715880	527210	SLC39A12	solute carrier family 39 (zinc transporter), member 12	-1,1
12775344	505238	RALB	v-ral simian leukemia viral oncogene homolog B (ras related; GTP binding protein)	-1,1
12897095	511779	MAP3K4	mitogen-activated protein kinase kinase kinase 4	-1,1
12687833	100336949	LOC100336949	sarcomeric tropomyosin kappa-like	-1,1
12757054	513015	TMEM145	transmembrane protein 145	-1,1
12703334	790677	SNRNP27	small nuclear ribonucleoprotein 27kDa (U4/U6.U5)	-1,1
12687175	783371	LOC783371	similar to keratin associated protein 10-2	-1,1
12755941	286876	CFDP2	craniofacial development protein 2	-1,1
12741672	100139242	LOC100139242	similar to Protein BOP-1	-1,1
12808184	533847	ZNF532	zinc finger protein 532	-1,1
12692584	787248	SIPA1L1	signal-induced proliferation-associated 1 like 1	-1,1
12705776	515213	CLIP4	CAP-GLY domain containing linker protein family, member 4	-1,1
12727699	513105	CREB3L1	cAMP responsive element binding protein 3-like 1	-1,1
12812212	510978	PMM2	phosphomannomutase 2	-1,1

12721838	404130	EIF2C2	eukaryotic translation initiation factor 2C, 2	-1,1
12859117	511291	CHPT1	choline phosphotransferase 1	-1,1
12834845	613830	LOC613830	similar to C11orf61 protein	-1,1
12715428	519670	KIN	KIN, antigenic determinant of recA protein homolog (mouse)	-1,1
12753121	536763	EGLN2	egl nine homolog 2 (C. elegans)	-1,1
12837087	506913	GIGYF2	GRB10 interacting GYF protein 2	-1,1
12821752	506212	CWF19L1	CWF19-like 1, cell cycle control (S. pombe)	-1,1
12837399	508774	GDAP2	ganglioside induced differentiation associated protein 2	-1,1
12836692	505578	ZNHIT6	zinc finger, HIT type 6	-1,1
12838286	513730	NOTCH2	Notch homolog 2 (Drosophila)	-1,1
12841186	614775	SEC22B	SEC22 vesicle trafficking protein homolog B (S. cerevisiae)	-1,1
12852270	768039	HOXA5	homeobox A5	-1,1
12763530	518321	C1QBP	complement component 1, q subcomponent binding protein	-1,1
12809378	507632	YES1	v-yes-1 Yamaguchi sarcoma viral oncogene homolog 1	-1,1
12747840	540085	GAB1	GRB2-associated binding protein 1	-1,1
12868475	615777	ANKS1B	ankyrin repeat and sterile alpha motif domain containing 1B	-1,1
12730843	281880	KCNA4	potassium voltage-gated channel, shaker-related subfamily, member 4	-1,1
12805551	514076	CFB	complement factor B	-1,1
12840394	537539	ALDH9A1	aldehyde dehydrogenase 9 family, member A1	-1,1
12879081	514599	GRPEL2	GrpE-like 2, mitochondrial (E. coli)	-1,1
12829794	505533	TAF1D	TATA box binding protein (TBP)-associated factor, RNA polymerase I, D, 41kDa	-1,1
12845273	521973	ZYG11A	zyg-11 homolog A (C. elegans)	-1,1
12689502	515331	PTGDR	prostaglandin D2 receptor (DP)	-1,1
12768144	505177	ZNF207	zinc finger protein 207	-1,1
12841075	613684	AKNAD1	AKNA domain containing 1	-1,1
12746503	513272	IQCD	IQ motif containing D	-1,1
12714994	513688	PLK1S1	polo-like kinase 1 substrate 1	-1,1
12809408	508788	SNRPD1	small nuclear ribonucleoprotein D1 polypeptide 16kDa	-1,1
12907514	506138	APOL	apolipoprotein O-like	-1,1
12713983	404187	CTSZ	cathepsin Z	-1,1
12738426	280742	CA6	carbonic anhydrase VI	-1,1
12776233	511451	CAB39	calcium binding protein 39	-1,1
12891826	615254	LOC615254	similar to KIAA1045	-1,1
12873322	282884	RPL9	ribosomal protein L9	-1,1
12787887	529881	C20H5ORF22	chromosome 5 open reading frame 22 ortholog	-1,1
12812455	513902	SMURF1	SMAD specific E3 ubiquitin protein ligase 1	-1,1
12703234	785392	LOC785392	similar to olfactory receptor OR9-27	-1,1
12713089	782264	LOC782264	similar to MARCKS-related protein (MARCKS-like protein 1) (Macrophage myristoylated alanine-rich C kinase substrate) (Mac-MARCKS) (MacMARCKS) (Brain protein F52)	-1,1
12800588	767932	AZI2	5-azacytidine induced 2	-1,1
12722987	532835	AZIN1	antizyme inhibitor 1	-1,1
12711869	515509	SUGT1	SGT1, suppressor of G2 allele of SKP1 (S. cerevisiae)	-1,1
12853265	407209	Sgce	sarcoglycan, epsilon	-1,1
12809770	516010	SMAD2	SMAD family member 2	-1,1
12898973	617148	PPP1R14C	protein phosphatase 1, regulatory (inhibitor) subunit 14C	-1,1
12894950	539099	HMBOX1	homeobox containing 1	-1,1
12900350	516630	LOC516630	similar to SNF2 histone linker PHD RING helicase	-1,1
12872976	100313223	MIR2450C	microRNA mir-2450c	-1,1
12735004	505359	BAT2L2	HLA-B associated transcript 2-like 2	-1,1

12734054	100138700	LOC100138700	similar to envelope glycoprotein	-1,1
12875914	618227	LOC618227	similar to actin binding LIM protein family, member 2	-1,1
12755482	100336251	LOC100336251	cadherin-5-like	-1,1
12870296	286852	PPP3CA	protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform	-1,1
12767970	504457	NSF	N-ethylmaleimide-sensitive factor	-1,1
12881130	539554	PCDHGA10	protocadherin gamma subfamily A, 10	-1,1
12714089	505099	LOC505099	similar to ankyrin repeat domain 26	-1,1
12830194	509726	ODZ4	odz, odd Oz/ten-m homolog 4 (Drosophila)	-1,1
12879890	524990	PLVAP	plasmalemma vesicle associated protein	-1,1
12798744	508881	CMTM6	CKLF-like MARVEL transmembrane domain containing 6	-1,1
12856390	100297656	LOC100297656	similar to TAF5 protein	-1,1
12746376	512142	SNRNP35	small nuclear ribonucleoprotein 35kDa (U11/U12)	-1,1
12693038	100296677	LOC100296677	hypothetical protein LOC100296677	-1,1
12695623	528221	TRMT5	TRM5 tRNA methyltransferase 5 homolog (S. cerevisiae)	-1,1
12727395	509884	LOC509884	similar to olfactory receptor MOR228-3	-1,1
12710872	790980	MIR18A	microRNA mir-18a	-1,1
12907109	281194	GJB1	gap junction protein, beta 1, 32kDa	-1,1
12814684	789324	NME4	non-metastatic cells 4, protein expressed in	-1,1
12775648	507481	CASP8	caspase 8, apoptosis-related cysteine peptidase	-1,1
12804237	100296819	LOC100296819	hypothetical protein LOC100296819	-1,1
12797204	618746	DLEC1	deleted in lung and esophageal cancer 1	-1,1
12691225	539848	SLC22A17	solute carrier family 22, member 17	-1,1
12862402	616085	CLEC12B	C-type lectin domain family 12, member B	-1,1
12794741	506809	GATA2	GATA binding protein 2	-1,1
12897983	534043	CD109	CD109 molecule	-1,1
12706257	524966	STARD7	StAR-related lipid transfer (START) domain containing 7	-1,1
12811892	280969	ABAT	4-aminobutyrate aminotransferase	-1,1
12757226	514131	BCNT2	bucentaur-2	-1,1
12739733	518402	KIFAP3	kinesin-associated protein 3	-1,1
12885283	513266	CD209	CD209 molecule	-1,1
12728062	515598	LOC515598	similar to Olfactory receptor 5T2	-1,1
12808262	536092	PTPRM	protein tyrosine phosphatase, receptor type, M	-1,1
12696518	538831	LOC538831	similar to CG11877 CG11877-PA	-1,1
12747992	614283	GRIA2	glutamate receptor, ionotropic, AMPA 2	-1,1
12905075	535844	OCRL	oculocerebrorenal syndrome of Lowe	-1,1
12778460	538798	GPR155	G protein-coupled receptor 155	-1,1
12898373	536284	ECHDC1	enoyl Coenzyme A hydratase domain containing 1	-1,1
12764834	538671	SUPT6H	suppressor of Ty 6 homolog (S. cerevisiae)	-1,1
12909779	539605	CFP	complement factor properdin	-1,1
12761553	504844	RPA1	replication protein A1, 70kDa	-1,1
12859281	513242	TMBIM4	transmembrane BAX inhibitor motif containing 4	-1,1
12739991	526285	IL24	interleukin 24	-1,1
12784085	613679	AGPS	alkylglycerone phosphate synthase	-1,1
12682780	783777	LOC783777	similar to olfactory receptor MOR184-1	-1,1
12896490	100336961	LOC100336961	activating signal cointegrator 1 complex subunit 3-like	-1,1
12904328	519325	MAGEA11	melanoma antigen family A, 11	-1,1
12705645	514134	DENND1A	DENN/MADD domain containing 1A	-1,1
12718070	282049	NMT2	N-myristoyltransferase 2	-1,1
12880199	528040	LOC528040	similar to complement component 3	-1,1
12848535	100298336	LOC100298336	similar to membrane associated guanylate kinase, WW and PDZ domain containing 2	-1,1
12795256	511463	MBD4	methyl-CpG binding domain protein 4	-1,1
12681718	537487	IGSF10	immunoglobulin superfamily, member 10	-1,1
12763302	514947	ZNF287	zinc finger protein 287	-1,1
12893614	513254	PEBP4	phosphatidylethanolamine-binding protein 4	-1,1

12867644	538086	CAND1	cullin-associated and neddylation-dissociated 1	-1,1
12767392	281942	CALCOCO2	calcium binding and coiled-coil domain 2	-1,1
12789196	444876	LOC444876	IgM	-1,1
12817180	523683	CUX1	cut-like homeobox 1	-1,1
12823127	615436	AFAP1L2	actin filament associated protein 1-like 2	-1,1
12812172	510394	PRSS22	protease, serine, 22	-1,1
12891698	613354	RNASEH1	ribonuclease H1	-1,1
12853998	512856	SLC26A3	solute carrier family 26, member 3	-1,1
12734323	100336917	LOC100336917	dehydrogenase/reductase (SDR family) member 3-like	-1,1
12718361	505169	GATA3	GATA binding protein 3	-1,1
12832646	281504	SRPR	signal recognition particle receptor (docking protein)	-1,1
12859669	515363	PHB2	prohibitin 2	-1,1
12683142	100337254	LOC100337254	salt-inducible kinase 1-like	-1,1
12850305	516355	LUC7L2	LUC7-like 2 (<i>S. cerevisiae</i>)	-1,1
12768342	506995	ITGB4	integrin, beta 4	-1,1
12860307	523408	IPO8	importin 8	-1,1
12769246	509740	XAF1	XIAP associated factor 1	-1,1
12888037	618546	SNAP47	synaptosomal-associated protein, 47kDa	-1,1
12907746	509230	CD99	CD99 molecule	-1,1
12907015	280961	ZFX	zinc finger protein, X-linked	-1,1
12789302	504880	OTUB2	OTU domain, ubiquitin aldehyde binding 2	-1,1
12764181	530618	SPOP	speckle-type POZ protein	-1,1
12853877	511292	POT1	POT1 protection of telomeres 1 homolog (<i>S. pombe</i>)	-1,1
12863655	100313296	MIR2429	microRNA mir-2429	-1,1
12749065	100336228	LOC100336228	hypothetical protein LOC100336228	-1,1
12900556	523186	PHIP	pleckstrin homology domain interacting protein	-1,1
12873084	100337132	LOC100337132	T-cell activation Rho GTPase-activating protein-like	-1,1
12868185	541043	PTPRO	protein tyrosine phosphatase, receptor type, O	-1,1
12891356	537885	UBE2R2	ubiquitin-conjugating enzyme E2R 2	-1,1
12888229	785149	LOC785149	similar to olfactory receptor Olr1414	-1,1
12881080	539019	CNN2	calponin 2	-1,1
12875191	535130	SCFD2	sec1 family domain containing 2	-1,1
12705217	510816	DDX1	DEAD (Asp-Glu-Ala-Asp) box polypeptide 1	-1,1
12785702	518808	HEATR7B2	HEAT repeat family member 7B2	-1,1
12861515	538091	SENPI	SUMO1/sentrin specific peptidase 1	-1,1
12885365	514246	JUNB	jun B proto-oncogene	-1,1
12873583	504847	CCNI	cyclin I	-1,1
12796872	613610	PDHB	pyruvate dehydrogenase (lipoamide) beta	-1,1
12802878	534492	MAPK14	mitogen-activated protein kinase 14	-1,1
12710371	538989	NAA16	N(alpha)-acetyltransferase 16, NatA auxiliary subunit	-1,1
12734627	282110	UCHL5	ubiquitin carboxyl-terminal hydrolase L5	-1,1
12900145	513610	MED23	mediator complex subunit 23	-1,1
12763478	516678	DCAF7	DDB1 and CUL4 associated factor 7	-1,1
12868615	617805	LOC617805	similar to CECR1	-1,1
12708078	616225	ATOH8	atonal homolog 8 (<i>Drosophila</i>)	-1,1
12744676	617896	UNC119B	unc-119 homolog B (<i>C. elegans</i>)	-1,1
12679069	505082	LSG1	large subunit GTPase 1 homolog (<i>S. cerevisiae</i>)	-1,1
12709067	282102	TRPC4	transient receptor potential cation channel, subfamily C, member 4	-1,1
12902267	100139620	BHLHB9	basic helix-loop-helix domain containing, class B, 9	-1,1
12763715	523030	ARHGAP23	Rho GTPase activating protein 23	-1,1
12728278	519317	LOC519317	similar to Olfactory receptor 8J2	-1,1
12702222	540170	PUM2	pumilio homolog 2 (<i>Drosophila</i>)	-1,1
12694493	510525	MGC128929	proline racemase-like	-1,1
12685136	524608	DCBLD2	discoidin, CUB and LCCL domain containing 2	-1,1
12794292	100336442	LOC100336442	leucine-rich repeats and transmembrane domains 1-like	-1,1
12840146	535410	WDR78	WD repeat domain 78	-1,1

12691026	538029	HERC1	hect (homologous to the E6-AP (UBE3A) carboxyl terminus) domain and RCC1 (CHC1)-like domain (RLD) 1	-1,1
12761977	506840	CCDC45	coiled-coil domain containing 45	-1,1
12873990	511117	LOC511117	similar to major facilitator superfamily domain containing 7	-1,1
12688260	404177	KCNN2	potassium intermediate/small conductance calcium-activated channel, subfamily N, member 2	-1,1
12822938	538561	MGEA5	meningioma expressed antigen 5 (hyaluronidase)	-1,1
12816921	516456	MVP	major vault protein	-1,1
12846956	539790	POGK	pogo transposable element with KRAB domain	-1,1
12879320	517722	LOC517722	similar to olfactory receptor Olfr332	-1,1
12688299	407997	TGM1	transglutaminase 1 (K polypeptide epidermal type I, protein-glutamine-gamma-glutamyltransferase)	-1,1
12907524	506250	HCCS	holocytochrome c synthase	-1,1
12853663	507415	DLX5	distal-less homeobox 5	-1,1
12727803	513716	MGC143285	hypothetical LOC513716	-1,1
12681077	526230	LOC526230	similar to Ceruloplasmin precursor (Ferroxidase)	-1,1
12768248	506111	PRPSAP2	phosphoribosyl pyrophosphate synthetase-associated protein 2	-1,1
12910733	786886	ELK1	ELK1, member of ETS oncogene family	-1,1
12877889	506151	JMJD4	jumonji domain containing 4	-1,1
12792303	510905	MFAP1	microfibrillar-associated protein 1	-1,1
12852724	100313072	MIR592	microRNA mir-592	-1,1
12806120	531956	GFRAL	GDNF family receptor alpha like	-1,1
12847493	615638	RPS27	ribosomal protein S27	-1,1
12723463	614700	MGC148714	similar to Cytochrome c oxidase polypeptide VIc-2	-1,1
12711006	100298891	LOC100298891	similar to ATP-binding cassette, sub-family C, member 3	-1,1
12775110	444872	HSPG2	heparan sulfate proteoglycan 2	-1,1
12728499	525154	SC5DL	sterol-C5-desaturase (ERG3 delta-5-desaturase homolog, S. cerevisiae)-like	-1,1
12720774	540762	NCOA5	nuclear receptor coactivator 5	-1,1
12895265	613960	GKAP1	G kinase anchoring protein 1	-1,1
12729213	535533	COPB1	coatamer protein complex, subunit beta 1	-1,1
12730435	788777	LOC788777	similar to hCG1811275	-1,1
12898166	535127	MYO6	myosin VI	-1,1
12891818	614732	LOC614732	similar to DnaJ (Hsp40) homolog, subfamily A, member 2	-1,1
12841656	782186	CD58	CD58 molecule	-1,1
12823236	767982	USMG5	up-regulated during skeletal muscle growth 5 homolog (mouse)	-1,1
12685877	535613	NCAM2	neural cell adhesion molecule 2	-1,1
12886917	536167	SH3TC2	SH3 domain and tetratricopeptide repeats 2	-1,1
12824980	507389	GPM6A	glycoprotein M6A	-1,1
12745593	504381	SF3A1	splicing factor 3a, subunit 1, 120kDa	-1,1
12881678	614783	DAZAP1	DAZ associated protein 1	-1,1
12730206	782766	LOC782766	similar to Olfactory receptor 10A3 (Olfactory receptor OR11-97) (HTPCRX12)	-1,1
12704370	506237	ZC3H6	zinc finger CCCH-type containing 6	-1,1
12849880	510686	RINT1	RAD50 interactor 1	-1,1
12836307	503684	HMGCS2	3-hydroxy-3-methylglutaryl-Coenzyme A synthase 2 (mitochondrial)	-1,1
12687317	785350	TMED2	transmembrane emp24 domain trafficking protein 2	-1,1
12874623	527471	HNRNPD	heterogeneous nuclear ribonucleoprotein D (AU-rich element RNA binding protein 1, 37kDa)	-1,1
12746590	514347	PLBD2	phospholipase B domain containing 2	-1,1
12737287	614920	GORAB	golgin, RAB6-interacting	-1,1
12772558	613567	STX8	syntaxin 8	-1,1

12714175	505901	PRKCQ	protein kinase C, theta	-1,1
12838504	515332	MYSM1	Myb-like, SWIRM and MPN domains 1	-1,1
12689950	524677	LOC524677	similar to Ornithine decarboxylase antizyme 2 (ODC-Az 2) (AZ2)	-1,1
12785358	507986	MOCS2	molybdenum cofactor synthesis 2	-1,1
12904382	522215	AFF2	AF4/FMR2 family, member 2	-1,1
12781910	519251	LOC519251	similar to MLK-related kinase	-1,1
12682838	785299	LOC785299	similar to hCG2038415	-1,1
12755443	100301431	LOC100301431	similar to leucine rich repeat and fibronectin type III domain containing 3	-1,1
12866341	517345	ARL1	ADP-ribosylation factor-like 1	-1,1
12874826	531964	SEC31A	SEC31 homolog A (S. cerevisiae)	-1,1
12738437	280851	CD46	CD46 molecule, complement regulatory protein	-1,1
12823094	614675	PDLIM1	PDZ and LIM domain 1	-1,1
12901256	541083	HBS1L	HBS1-like (S. cerevisiae)	-1,1
12842709	282031	RAP1A	RAP1A, member of RAS oncogene family	-1,1
12771954	536067	TAF15	TAF15 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 68kDa	-1,1
12903053	327673	NDUFA1	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 1, 7.5kDa	-1,1
12786931	281358	NPR3	natriuretic peptide receptor C/guanylate cyclase C (atrionatriuretic peptide receptor C)	-1,1
12835858	281333	MUC1	mucin 1, cell surface associated	-1,1
12679648	510102	RARRES1	retinoic acid receptor responder (tazarotene induced) 1	-1,1
12886438	532693	NUDCD2	NudC domain containing 2	-1,1
12694148	508197	ANGEL1	angel homolog 1 (Drosophila)	-1,1
12787671	520256	SKIV2L2	superkiller viralicidic activity 2-like 2 (S. cerevisiae)	-1,1
12858232	506805	MLL2	myeloid/lymphoid or mixed-lineage leukemia 2	-1,1
12700817	524118	ARID5A	AT rich interactive domain 5A (MRF1-like)	-1,1
12807167	788613	MIC	MHC class I-related protein	-1,1
12678687	282009	PRSS7	protease, serine, 7 (enterokinase)	-1,1
12793916	781494	LOC781494	similar to Myeloid-associated differentiation marker	-1,1
12884840	510937	HARS	histidyl-tRNA synthetase	-1,1
12744718	618278	COMT	catechol-O-methyltransferase	-1,1
12685171	525906	CBLB	Cas-Br-M (murine) ecotropic retroviral transforming sequence b	-1,1
12846438	535325	UAP1	UDP-N-actetylglucosamine pyrophosphorylase 1	-1,1
12786553	614096	ELOVL7	ELOVL family member 7, elongation of long chain fatty acids (yeast)	-1,1
12738858	505585	NUCKS1	nuclear casein kinase and cyclin-dependent kinase substrate 1	-1,1
12763325	515032	NBR1	neighbor of BRCA1 gene 1	-1,1
12883457	338066	CD97	CD97 molecule	-1,1
12728372	522054	LOC522054	similar to rCG39546	-1,1
12788852	100313376	MIR377	microRNA mir-377	-1,1
12860443	525592	GRIP1	glutamate receptor interacting protein 1	-1,1
12762197	508096	LOC508096	similar to hCG2036610	-1,1
12797948	281791	GNAI2	guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 2	-1,1
12818042	539515	SRRM2	serine/arginine repetitive matrix 2	-1,1
12891839	615646	TMEM38B	transmembrane protein 38B	-1,1
12732354	521252	LOC521252	similar to olfactory receptor Olfr1178	-1,1
12864929	507466	ZC3H10	zinc finger CCCH-type containing 10	-1,1
12888450	787645	LOC787645	similar to scaffold attachment factor B	-1,1
12751825	515600	LOC515600	similar to cationic amino acid transporter 5	-1,1
12718339	505118	YME1L1	YME1-like 1 (S. cerevisiae)	-1,1
12710659	617611	MYO16	myosin XVI	-1,1
12798750	508940	THUMPD3	THUMP domain containing 3	-1,1
12739391	513055	RGS2	regulator of G-protein signaling 2, 24kDa	-1,1

12847435	615211	MTF2	metal response element binding transcription factor 2	-1,1
12865137	509610	GNPTAB	N-acetylglucosamine-1-phosphate transferase, alpha and beta subunits	-1,1
12740047	528041	C16H1ORF14	chromosome 1 open reading frame 14 ortholog	-1,1
12721069	618412	DUSP15	dual specificity phosphatase 15	-1,1
12908237	513959	PHF8	PHD finger protein 8	-1,1
12909088	531514	BMX	BMX non-receptor tyrosine kinase	-1,1
12776020	509966	OLA1	Obg-like ATPase 1	-1,1
12847249	613665	LEPROT	leptin receptor overlapping transcript	-1,1
12758399	530973	ZIK1	zinc finger protein interacting with K protein 1 homolog (mouse)	-1,1
12876548	100335404	LOC100335404	hypothetical protein LOC100335404	-1,1
12848492	100296613	LOC100296613	hypothetical protein LOC100296613	-1,1
12778284	537511	PHC2	polyhomeotic homolog 2 (Drosophila)	-1,1
12885554	517533	S1PR5	sphingosine-1-phosphate receptor 5	-1,1
12736172	522265	SLC30A1	solute carrier family 30 (zinc transporter), member 1	-1,1
12841669	782545	LOC782545	similar to L-amino acid oxidase 1	-1,1
12847230	613448	AK5	adenylate kinase 5	-1,1
12713107	785222	RCBTB1	regulator of chromosome condensation (RCC1) and BTB (POZ) domain containing protein 1	-1,1
12688364	504220	SLC7A7	solute carrier family 7 (cationic amino acid transporter, y+ system), member 7	-1,1
12828128	517171	SAR1A	SAR1 homolog A (<i>S. cerevisiae</i>)	-1,1
12686452	540440	SETD4	SET domain containing 4	-1,1
12753463	540124	DKKL1	dickkopf-like 1 (soggy)	-1,1
12818710	100140108	PCDH15	protocadherin-related 15	-1,1
12693859	504658	SERINC5	serine incorporator 5	-1,1
12794052	790880	ATXN3	ataxin 3	-1,1
12811107	100300196	LOC100300196	hypothetical protein LOC100300196	-1,1
12727205	507340	ATG13	autophagy-related protein 13	-1,1
12890848	528382	RORB	RAR-related orphan receptor B	-1,1
12850923	530866	TAS2R39	taste receptor, type 2, member 39	-1,1
12736239	522529	ADSS	adenylosuccinate synthase	-1,1
12829845	505660	LOC505660	similar to olfactory receptor 967	-1,1
12772901	616550	PITPNA	phosphatidylinositol transfer protein, alpha	-1,1
12849921	511298	NUB1	negative regulator of ubiquitin-like proteins 1	-1,1
12699580	509917	PCBP1	poly(rC) binding protein 1	-1,1
12909639	537660	GLRA2	glycine receptor, alpha 2	-1,1
12793839	618161	ZFP36L1	zinc finger protein 36, C3H type-like 1	-1,1
12708045	615833	IFITM2	interferon induced transmembrane protein 2 (1-8D)	-1,1
12880696	535260	FAM151B	hypothetical protein LOC535260	-1,1
12717673	790990	MIR499	microRNA mir-499	-1,1
12732498	526013	LOC526013	similar to olfactory receptor Olr135 (predicted)	-1,1
12804203	100140623	LOC100140623	hypothetical protein LOC100140623	-1,1
12779047	613328	ZNF385B	zinc finger protein 385B	-1,1
12892286	100125834	STOM	stomatin	-1,1
12772254	539497	ZNF830	zinc finger protein 830	-1,1
12866124	515605	APPL2	adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper containing 2	-1,1
12830479	512401	METTL12	methyltransferase like 12	-1,1
12822862	537016	CPEB3	cytoplasmic polyadenylation element binding protein 3	-1,1
12902334	100271720	F8	coagulation factor VIII, procoagulant component	-1,1
12683334	281672	CCRL1	chemokine (C-C motif) receptor-like 1	-1,1
12827158	616740	ZMIZ1	zinc finger, MIZ-type containing 1	-1,1
12906182	785916	PRRG1	proline rich Gla (G-carboxyglutamic acid) 1	-1,1
12695203	520178	PTPN21	protein tyrosine phosphatase, non-receptor type 21	-1,1
12740339	534574	MFN2	mitofusin 2	-1,1
12882089	767984	PLIN3	perilipin 3	-1,1
12839635	531706	USP33	ubiquitin specific peptidase 33	-1,1

12765853	781685	HRSP12	heat-responsive protein 12	-1,1
12684305	510879	ITSN1	intersectin 1 (SH3 domain protein)	-1,1
12818418	618487	LOC618487	hypothetical LOC618487	-1,1
12800663	783066	LOC783066	hypothetical LOC783066	-1,1
12841117	614042	CDC42SE1	CDC42 small effector 1	-1,1
12805852	520336	GCNT2	glucosaminyl (N-acetyl) transferase 2, I-branching enzyme (I blood group)	-1,1
12909021	529626	MAGEB10	melanoma antigen family B, 10	-1,1
12696694	539573	MEIS2	Meis homeobox 2	-1,1
12734178	100170930	MIR34A	microRNA mir-34a	-1,1
12806044	529894	ZNF451	zinc finger protein 451	-1,1
12687027	617236	SUMO3	SMT3 suppressor of mif two 3 homolog 3 (<i>S. cerevisiae</i>)	-1,1
12847913	781302	GPR88	G protein-coupled receptor 88	-1,1
12829954	506939	CTTN	cortactin	-1,1
12842195	100138100	SETDB1	SET domain, bifurcated 1	-1,1
12702928	617493	AIF1L	allograft inflammatory factor 1-like	-1,1
12783933	541084	MBD5	methyl-CpG binding domain protein 5	-1,1
12753436	539742	PAK4	p21 protein (Cdc42/Rac)-activated kinase 4	-1,1
12752293	523322	ZNF667	zinc finger protein 667	-1,1
12850689	526211	PDE1C	phosphodiesterase 1C, calmodulin-dependent 70kDa	-1,1
12898638	540972	USP45	ubiquitin specific peptidase 45	-1,1
12796582	537662	LOC537662	similar to Protein FAM116A	-1,1
12848675	100336578	LOC100336578	homeobox A11-like	-1,1
12846600	536993	INADL	InaD-like (<i>Drosophila</i>)	-1,1
12712663	540719	KPNA3	karyopherin alpha 3 (importin alpha 4)	-1,1
12854954	533126	FAM115A	Protein FAM115A	-1,1
12733974	787564	LOC787564	similar to Uncharacterized protein KIAA1377	-1,1
12750233	506965	DHX34	DEAH (Asp-Glu-Ala-His) box polypeptide 34	-1,1
12808171	533304	PQLC1	PQ loop repeat containing 1	-1,1
12846683	538104	ZMPSTE24	zinc metalloproteinase (STE24 homolog, <i>S. cerevisiae</i>)	-1,1
12800112	540474	LMCD1	LIM and cysteine-rich domains 1	-1,1
12711615	509305	COG6	component of oligomeric golgi complex 6	-1,1
12765330	614851	WSB1	WD repeat and SOCS box-containing 1	-1,1
12797434	783258	DCP1A	DCP1 decapping enzyme homolog A (<i>S. cerevisiae</i>)	-1,1
12720788	541170	SALL4	sal-like 4 (<i>Drosophila</i>)	-1,1
12873667	506916	NUP54	nucleoporin 54kDa	-1,1
12681327	532989	DYRK1A	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1A	-1,1
12714336	506902	ISM1	isthmin 1 homolog (zebrafish)	-1,1
12899020	782134	LOC782134	similar to myc target 1	-1,1
12845477	524787	CHD1L	chromodomain helicase DNA binding protein 1-like	-1,1
12878358	509250	ZNF266	zinc finger protein 266	-1,1
12690195	528832	DHRS1	dehydrogenase/reductase (SDR family) member 1	-1,1
12870479	504835	MRPL1	mitochondrial ribosomal protein L1	-1,1
12906589	100313247	MIR664	microRNA mir-664	-1,1
12862952	783379	LOC783379	similar to Uncharacterized protein KIAA1033	-1,1
12715271	516539	NANP	N-acetylneuraminic acid phosphatase	-1,1
12909363	534962	TBC1D8B	TBC1 domain family, member 8B (with GRAM domain)	-1,1
12877624	505129	MATR3	matrin 3	-1,1
12850156	513855	AKR1D1	aldo-keto reductase family 1, member D1 (delta 4-3-ketosteroid-5-beta-reductase)	-1,1
12865951	514534	WC1.3	WC1.3 molecule	-1,1
12779121	614259	DNAJC8	DnaJ (Hsp40) homolog, subfamily C, member 8	-1,1
12864564	505093	HNRNPA1	heterogeneous nuclear ribonucleoprotein A1	-1,1
12718885	508997	LOC508997	similar to Uncharacterized protein KIAA0802	-1,1
12839265	526748	CYB5RL	cytochrome b5 reductase-like	-1,1
12902966	282588	CSTF2	cleavage stimulation factor, 3' pre-RNA, subunit 2, 64kDa	-1,1

12757920	522128	LOC522128	similar to carcinoembryonic antigen-related cell adhesion molecule 1	-1,1
12910424	781292	TNMD	tenomodulin	-1,1
12878892	512972	HMHA1	histocompatibility (minor) HA-1	-1,1
12878460	509963	ANGPTL4	angiopoietin-like 4	-1,1
12762334	508931	ZNF624	zinc finger protein 624	-1,1
12726897	338039	CASP4	caspase 4, apoptosis-related cysteine peptidase	-1,1
12904075	515178	ABCD1	ATP-binding cassette, sub-family D (ALD), member 1	-1,1
12786378	540230	MSX2	msh homeobox 2	-1,1
12782215	523264	DHDDS	dehydrodolichyl diphosphate synthase	-1,1
12710445	540387	CYSLTR2	cysteinyl leukotriene receptor 2	-1,1
12741146	615715	EFCAB2	EF-hand calcium binding domain 2	-1,1
12867068	533357	NAGA	N-acetylgalactosaminidase, alpha-	-1,1
12833468	510312	STX5	syntaxin 5	-1,1
12764250	532072	AKAP1	A kinase (PRKA) anchor protein 1	-1,1
12729400	538608	NRIP3	nuclear receptor interacting protein 3	-1,1
12682707	782775	LOC782775	similar to peroxisomal membrane protein 4, 24kDa	-1,1
12685079	524142	OPA1	optic atrophy 1 (autosomal dominant)	-1,1
12808001	523324	RALBP1	ralA binding protein 1	-1,1
12783801	540181	ARID1A	AT rich interactive domain 1A (SWI-like)	-1,1
12824873	353108	ANK1	ankyrin 1, erythrocytic	-1,1
12729022	534306	MADD	MAP-kinase activating death domain	-1,1
12733450	614705	PPFIBP2	PTPRF interacting protein, binding protein 2 (liprin beta 2)	-1,1
12865741	513438	MRPS35	mitochondrial ribosomal protein S35	-1,1
12892346	100170924	MIR204	microRNA mir-204	-1,1
12852779	100335669	LOC100335669	hypothetical protein LOC100335669	-1,1
12745931	506596	ARPC3	actin related protein 2/3 complex, subunit 3, 21kDa	-1,1
12821096	783569	CSTF2T	cleavage stimulation factor, 3' pre-RNA, subunit 2, 64kDa, tau variant	-1,1
12833813	515389	MTA2	metastasis associated 1 family, member 2	-1,1
12774370	281133	ECE1	endothelin converting enzyme 1	-1,1
12786547	614029	SFRS12IP1	SFRS12-interacting protein 1	-1,1
12744252	540582	SBNO1	strawberry notch homolog 1 (Drosophila)	-1,1
12898593	540203	MAP3K7IP2	mitogen-activated protein kinase kinase kinase 7 interacting protein 2	-1,1
12752922	533526	CCNE1	cyclin E1	-1,1
12906575	100313022	MIR223	microRNA mir-223	-1,1
12796997	616169	TCTA	T-cell leukemia translocation altered gene	-1,1
12721437	100126183	C8orf22	chromosome 8 open reading frame 22	-1,1
12839347	528123	GPR177	G protein-coupled receptor 177	-1,1
12784027	613403	DNAJC10	DnaJ (Hsp40) homolog, subfamily C, member 10	-1,1
12847295	614311	CCDC76	coiled-coil domain containing 76	-1,1
12894154	521083	IPPK	inositol 1,3,4,5,6-pentakisphosphate 2-kinase	-1,1
12731769	511889	ARAP1	ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 1	-1,1
12692819	100138040	SOS2	son of sevenless homolog 2 (Drosophila)	-1,1
12710938	100138599	LOC100138599	hypothetical protein LOC100138599	-1,1
12886071	527239	JAKMIP2	janus kinase and microtubule interacting protein 2	-1,1
12775285	504592	MAP3K2	mitogen-activated protein kinase kinase kinase 2	-1,1
12804271	100313177	MIR2379	microRNA mir-2379	-1,1
12680712	518852	EHHADH	enoyl-Coenzyme A, hydratase/3-hydroxyacyl Coenzyme A dehydrogenase	-1,1
12803375	540276	SFRS3	splicing factor, arginine/serine-rich 3	-1,1
12696534	538889	ZBTB25	zinc finger and BTB domain containing 25	-1,1
12698406	280957	VIT	vitrin	-1,1
12730326	784603	SUMO3	SMT3 suppressor of mif two 3 homolog 3 (S. cerevisiae)	-1,1
12888612	100124428	NCBP1	nuclear cap binding protein subunit 1, 80kDa	-1,1

12788655	100296970	LOC100296970	similar to pinin	-1,1
12804854	504789	BEND6	BEN domain containing 6	-1,1
12868649	617908	LOC617908	similar to histone cluster 1, H2bd	-1,1
12739806	519650	PPPDE1	PPPDE peptidase domain containing 1	-1,1
12697937	100125919	NPDC1	neural proliferation, differentiation and control, 1	-1,1
12862110	541140	KRAS	v-Ki-ras2 Kirsten rat sarcoma viral oncogene homolog	-1,1
12823954	513751	DCTN6	dynactin 6	-1,1
12693192	100313003	MIR147	microRNA mir-147	-1,1
12910649	785423	CSNK1B	casein kinase I beta	-1,1
12704566	507575	CEBPZ	CCAAT/enhancer binding protein (C/EBP), zeta	-1,1
12903690	511190	RPS6KA3	ribosomal protein S6 kinase, 90kDa, polypeptide 3	-1,1
12721554	100313268	MIR599	microRNA mir-599	-1,1
12682523	617218	LOC617218	keratin associated protein LOC617218	-1,1
12871825	536269	MTHFD2L	methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2-like	-1,1
12904263	517675	FTSJ1	FtsJ homolog 1 (E. coli)	-1,1
12714494	508301	GMEB2	glucocorticoid modulatory element binding protein 2	-1,1
12818237	614927	IL27	interleukin 27	-1,1
12714816	512659	MPP7	membrane protein, palmitoylated 7 (MAGUK p55 subfamily member 7)	-1,1
12767319	281888	KRT10	keratin 10 (epidermolytic hyperkeratosis; keratosis palmaris et plantaris)	-1,1
12858430	507232	EID3	EP300 interacting inhibitor of differentiation 3	-1,1
12788045	538366	SNX18	sorting nexin 18	-1,1
12682407	615156	TRA2B	transformer 2 beta homolog (Drosophila)	-1,1
12908212	513520	ATP6AP2	ATPase, H+ transporting, lysosomal accessory protein 2	-1,1
12787897	530210	LOC530210	similar to F49C5.4	-1,1
12826575	530225	ZNF25	zinc finger protein 25	-1,1
12740874	540872	TRM1L	TRM1-like protein	-1,1
12853733	509032	ANKMY2	ankyrin repeat and MYND domain containing 2	-1,1
12781450	512930	PQLC2	PQ loop repeat containing 2	-1,1
12840762	539923	ZNF644	zinc finger protein 644	-1,1
12899089	785404	SH3BGRL2	SH3 domain binding glutamic acid-rich protein like 2	-1,1
12779795	790873	PIKFYVE	phosphoinositide kinase, FYVE finger containing	-1,1
12903405	506664	PHF16	PHD finger protein 16	-1,1
12694827	514906	DENND4A	DENN/MADD domain containing 4A	-1,1
12706094	519689	SEC16A	SEC16 homolog A (S. cerevisiae)	-1,1
12845319	522791	RNF11	RING finger protein 11	-1,1
12881135	539596	LOC539596	similar to Transforming growth factor-beta induced protein IG-H3 precursor (Beta IG-H3) (Kerato-epithelin) (RGD-containing collagen associated protein) (RGD-CAP)	-1,1
12764578	535628	ZNF750	zinc finger protein 750	-1,1
12705971	516731	RMND5A	required for meiotic nuclear division 5 homolog A (S. cerevisiae)	-1,1
12827916	508577	ZMYND17	zinc finger, MYND-type containing 17	-1,1
12842487	100336853	LOC100336853	adenosine monophosphate deaminase 1 (isoform M)-like	-1,1
12836069	282467	S100A12	S100 calcium binding protein A12 (calgranulin C)	-1,1
12840889	540563	ASH1L	ash1 (absent, small, or homeotic)-like (Drosophila)	-1,1
12723974	100297269	LOC100297269	hypothetical protein LOC100297269	-1,1
12694667	514044	DHRS7	dehydrogenase/reductase (SDR family) member 7	-1,1
12708508	783373	RAB10	RAB10, member RAS oncogene family	-1,1
12750086	505580	PVRL2	poliovirus receptor-related 2 (herpesvirus entry mediator B)	-1,1
12698893	504290	C11H2orf56	protein midA homolog, mitochondrial	-1,1
12836616	505133	UBE2Q1	ubiquitin-conjugating enzyme E2Q family member 1	-1,1
12712657	540712	FBXL3	F-box and leucine-rich repeat protein 3	-1,1

12731421	507100	SPI1	spleen focus forming virus (SFFV) proviral integration oncogene spi1	-1,1
12774463	281597	ACTR3	ARP3 actin-related protein 3 homolog (yeast)	-1,1
12721644	282140	ANGPT1	angiopoietin 1	-1,1
12892524	100336783	LOC100336783	acidic (leucine-rich) nuclear phosphoprotein 32 family, member B-like	-1,1
12772934	616966	MED9	mediator complex subunit 9	-1,1
12780852	507865	7-Mar	membrane-associated ring finger (C3HC4) 7	-1,1
12899085	785256	LOC785256	similar to trace amine associated receptor 7a	-1,1
12785169	404109	IgCgamma	IgG2a heavy chain constant region	-1,1
12826957	540237	EXOC8	exocyst complex component 8	-1,1
12883212	281857	IL12B	interleukin 12B (natural killer cell stimulatory factor 2, cytotoxic lymphocyte maturation factor 2, p40)	-1,1
12855861	615685	LOC615685	UPF0452 protein C7orf41 homolog	-1,1
12845002	517063	AK3L1	adenylate kinase 3-like 1	-1,1
12753313	538845	ZNF527	zinc finger protein 527	-1,1
12682800	784330	LRRC31	leucine rich repeat containing 31	-1,1
12806695	614918	HMGN4	high mobility group nucleosomal binding domain 4	-1,1
12741558	789150	GLT25D2	glycosyltransferase 25 domain containing 2	-1,1
12902675	100336683	LOC100336683	zinc finger protein 300-like	-1,1
12850899	530341	LOC530341	similar to Cortactin-binding protein 2 (CortBP2)	-1,1
12733742	618326	LOC618326	similar to olfactory receptor Olr555	-1,1
12815192	281345	NCF1	neutrophil cytosolic factor 1	-1,1
12901502	782472	LOC782472	hypothetical LOC782472	-1,1
12685233	526674	MYH15	myosin, heavy chain 15	-1,1
12787721	522636	IL31RA	interleukin 31 receptor A	-1,1
12715356	518169	CTSA	cathepsin A	-1,1
12726674	281151	EXT2	exostoses (multiple) 2	-1,1
12760963	282170	CCL3	chemokine (C-C motif) ligand 3	-1,1
12834862	614402	LOC614402	similar to HRAS-like suppressor 3 (H-rev 107 protein)	-1,1
12895525	618207	RRAGA	Ras-related GTP binding A	-1,1
12708465	782101	COPS2	COP9 constitutive photomorphogenic homolog subunit 2 (Arabidopsis)	-1,1
12729694	540919	LOC540919	similar to EMSY protein	-1,1
12788643	100272171	SERPINA3-6	serpin A3-6	-1,1
12834299	529863	ACRV1	acrosomal vesicle protein 1	-1,1
12910515	783297	LOC783297	similar to rCG36335	-1,1
12868120	540705	ETNK1	ethanolamine kinase 1	-1,1
12836562	505039	GATAD2B	GATA zinc finger domain containing 2B	-1,1
12836295	497019	TPM3	tropomyosin 3	-1,1
12900404	517882	NHSL1	NHS-like 1	-1,1
12792441	513586	MPI	mannose phosphate isomerase	-1,1
12730966	282854	FUT4	fucosyltransferase 4 (alpha (1,3) fucosyltransferase, myeloid-specific)	-1,1
12772509	540910	SMARCE1	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily e, member 1	-1,1
12700496	519302	MRPS9	mitochondrial ribosomal protein S9	-1,1
12887137	538773	ZNF555	zinc finger protein 555	-1,1
12847775	767859	GPR89	G protein-coupled receptor 89	-1,1
12780455	286823	CLIC4	chloride intracellular channel 4	-1,1
12892982	506199	KIAA1797	hypothetical protein LOC506199	-1,1
12764948	539117	NAGLU	alpha-N-acetylglucosaminidase	-1,1
12872296	613858	YTHDC1	YTH domain containing 1	-1,1
12898561	539960	STX11	syntaxin 11	-1,1
12722010	506017	RBM12B	RNA binding motif protein 12B	-1,1
12709619	513113	ARL11	ADP-ribosylation factor-like 11	-1,1
12698778	404123	FAHD2A	fumarylacetoacetate hydrolase domain containing 2A	-1,1
12706161	520912	LCLAT1	lysocardiolipin acyltransferase 1	-1,1
12765241	613527	CTNS	cystinosis, nephropathic	-1,1

12681808	538564	COL8A1	collagen, type VIII, alpha 1	-1,1
12808958	100300634	LOC100300634	hypothetical protein LOC100300634	-1,1
12759241	615457	TK2	thymidine kinase 2, mitochondrial	-1,1
12782574	529491	PMS1	PMS1 postmeiotic segregation increased 1 (<i>S. cerevisiae</i>)	-1,1
12875975	768012	PDHA2	pyruvate dehydrogenase (lipoamide) alpha 2	-1,1
12848433	100140586	LOC100140586	hypothetical protein LOC100140586	-1,1
12800716	784245	LOC784245	similar to hCG1997495	-1,1
12876513	100313042	MIR378	microRNA mir-378	-1,1
12875437	539773	C6H4orf14	chromosome 4 open reading frame 14 ortholog	-1,1
12699767	512655	CCDC75	coiled-coil domain containing 75	-1,1
12871731	534203	SLAIN2	SLAIN motif family, member 2	-1,1
12908228	513680	NHSL2	NHS-like 2	-1,1
12881533	613778	POLR3G	polymerase (RNA) III (DNA directed) polypeptide G (32kD)	-1,1
12908485	516056	BEX5	brain expressed, X-linked 5	-1,1
12718280	503580	FOXA2	forkhead box A2	-1,1
12871640	533520	OCIAD1	OCIA domain containing 1	-1,1
12882284	785898	LOC785898	similar to Olfactory receptor 7A5 (Olfactory receptor OR19-17) (Olfactory receptor TPCR92)	-1,1
12891464	538887	SLC44A1	solute carrier family 44, member 1	-1,1
12907375	493640	RNF113A	ring finger protein 113A	-1,1
12819148	505225	ADD3	adducin 3 (gamma)	-1,1
12759843	785475	CDH11	cadherin 11, type 2, OB-cadherin (osteoblast)	-1,1
12811411	282034	RBBP6	retinoblastoma binding protein 6	-1,1
12792659	517464	MKRN3	makorin ring finger protein 3	-1,1
12748790	100141209	BOSTAUV1R417	vomeroneasal 1 receptor bosTauV1R417	-1,1
12901799	100300716	LOC100300716	hypothetical protein LOC100300716	-1,1
12790876	538493	INF2	similar to inverted formin 2	-1,1
12907962	511251	NLGN3	neuroligin 3	-1,1
12816863	516333	SDK1	sidekick homolog 1, cell adhesion molecule (chicken)	-1,1
12898092	534358	UTRN	utrophin	-1,1
12861127	534416	LOC534416	similar to WW domain-binding protein 11 (WBP-11) (SH3 domain-binding protein SNP70) (Npw38-binding protein) (NpwBP)	-1,1
12815409	504771	COQ7	coenzyme Q7 homolog, ubiquinone (yeast)	-1,1
12852492	786254	LOC786254	hypothetical protein LOC786254	-1,1
12697444	767602	AP3B1	adaptor-related protein complex 3, beta 1 subunit	-1,1
12799074	515067	PGAM2	phosphoglycerate mutase 2 (muscle)	-1,1
12720728	540080	LOC540080	similar to cytochrome P450, family 24, subfamily A, polypeptide 1	-1,1
12756497	508025	ZNF423	zinc finger protein 423	-1,1
12727024	505096	APBB1	amyloid beta (A4) precursor protein-binding, family B, member 1 (Fe65)	-1,1
12871242	520508	ADH4	alcohol dehydrogenase 4 (class II), pi polypeptide	-1,1
12843006	406231	EIF2C3	eukaryotic translation initiation factor 2C, 3	-1,1
12805929	524872	LOC524872	similar to olfactory receptor Olr1690	-1,1
12748196	618239	MND1	meiotic nuclear divisions 1 homolog (<i>S. cerevisiae</i>)	-1,1
12767921	504217	TNRC6C	trinucleotide repeat containing 6C	-1,1
12877752	505647	CFD	complement factor D (adipsin)	-1,1
12840137	535329	BEND5	BEN domain containing 5	-1,1
12863374	100138638	LOC100138638	similar to microsomal NAD+-dependent retinol dehydrogenase 4	-1,1
12694582	512029	SNX1	sorting nexin 1	-1,1
12701509	534683	COMMD1	copper metabolism (Murr1) domain containing 1	-1,1
12815278	282846	PYCARD	PYD and CARD domain containing	-1,1
12683024	100313402	MIR2288	microRNA mir-2288	-1,1
12861559	538632	SFRS2IP	splicing factor, arginine/serine-rich 2, interacting protein	-1,1

12890383	515680	NFX1	nuclear transcription factor, X-box binding 1	-1,1
12866509	520927	NT5DC3	5'-nucleotidase domain containing 3	-1,1
12697156	615333	TMEM87A	transmembrane protein 87A	-1,1
12696482	538679	RNASE7	ribonuclease, RNase A family, 7	-1,1
12766802	100302389	LOC100302389	hypothetical protein LOC100302389	-1,1
12680852	521728	ATP13A4	ATPase type 13A4	-1,1
12905372	539529	UBQLN2	ubiquilin 2	-1,1
12707959	614794	C11H2ORF64	chromosome 2 open reading frame 64 ortholog	-1,1
12784068	613457	MGC133504	hypothetical protein LOC613457	-1,1
12810443	538445	RNF138	ring finger protein 138	-1,1
12876221	100138541	ODZ2	odz, odd Oz/ten-m homolog 2 (Drosophila)	-1,1
12720470	534383	FBXO18	F-box protein, helicase, 18	-1,1
12782393	526329	DYNC1I2	dynein, cytoplasmic 1, intermediate chain 2	-1,1
12837664	510653	LYSMD1	LysM, putative peptidoglycan-binding, domain containing 1	-1,1
12691915	615274	LOC615274	similar to coronin, actin binding protein, 2B	-1,1
12693090	100297513	LOC100297513	hypothetical protein LOC100297513	-1,1
12699326	507554	RXRA	retinoid X receptor, alpha	-1,1
12793480	538521	TGM7	transglutaminase 7	-1,1
12869103	782624	LOC782624	similar to olfactory receptor 769	-1,1
12701179	529759	SDC1	syndecan 1	-1,1
12793754	616881	TSPAN3	tetraspanin 3	-1,1
12869888	280995	AMBN	ameloblastin (enamel matrix protein)	-1,1
12889108	281715	CREB3	cAMP responsive element binding protein 3	-1,1
12783426	537747	KLF7	Kruppel-like factor 7 (ubiquitous)	-1,1
12766154	788704	LOC788704	similar to Olfactory receptor 4D2 (Olfactory receptor OR17-24) (B-lymphocyte membrane protein BC2009)	-1,1
12727223	507672	FOLR2	folate receptor 2 (fetal)	-1,1
12683918	506316	DNAJB11	DnaJ (Hsp40) homolog, subfamily B, member 11	-1,1
12711828	515299	MED4	mediator complex subunit 4	-1,1
12697147	615255	GMFB	glia maturation factor, beta	-1,1
12818004	539463	ZKSCAN2	zinc finger with KRAB and SCAN domains 2	-1,1
12802384	521167	LOC521167	similar to olfactory receptor Olfr164	-1,1
12805379	512236	PRPF4B	PRP4 pre-mRNA processing factor 4 homolog B (yeast)	-1,1
12746668	515323	FZD10	frizzled homolog 10 (Drosophila)	-1,1
12732247	517263	AMBRA1	autophagy/beclin-1 regulator 1	-1,1
12815550	505167	CRYM	crystallin, mu	-1,1
12703346	791012	MIR181B-2	microRNA mir-181b-2	-1,1
12728199	517544	UBE4A	ubiquitination factor E4A (UFD2 homolog, yeast)	-1,1
12685540	531350	BACH1	BTB and CNC homology 1, basic leucine zipper transcription factor 1	-1,1
12723962	100296684	LOC100296684	similar to DNA directed RNA polymerase II polypeptide K	-1,1
12870858	511674	CXCL13	chemokine (C-X-C motif) ligand 13	-1,1
12867751	538638	BBS10	Bardet-Biedl syndrome 10	-1,1
12818411	618441	SEPX1	selenoprotein X, 1	-1,1
12849522	504233	LOC504233	similar to Olfactory receptor 2A42 (Olfactory receptor OR7-19) (Olfactory receptor OR7-16)	-1,1
12876457	100298645	LOC100298645	similar to olfactory receptor, family 7, subfamily A, member 5	-1,1
12848590	100300510	LOC100300510	hypothetical protein LOC100300510	-1,1
12907005	280961	ZFX	zinc finger protein, X-linked	-1,1
12839963	534180	KCNN3	potassium intermediate/small conductance calcium-activated channel, subfamily N, member 3	-1,1
12806503	539620	ZKSCAN4	zinc finger with KRAB and SCAN domains 4	-1,1
12708458	782049	ZNF514	zinc finger protein 514	-1,1
12736854	536550	XPR1	xenotropic and polytropic retrovirus receptor	-1,1
12812034	508417	LYRM1	LYR motif containing 1	-1,1

12845740	528076	DARC	Duffy blood group, chemokine receptor	-1,1
12796032	524274	XPC	xeroderma pigmentosum, complementation group C	-1,1
12815819	506876	GPR146	G protein-coupled receptor 146	-1,1
12770166	513649	CCDC43	coiled-coil domain containing 43	-1,1
12722924	529047	LOC529047	testicular serine protease-like	-1,1
12696597	539045	WDR89	WD repeat domain 89	-1,1
12864273	287017	ATP6V1E1	ATPase, H ⁺ transporting, lysosomal 31kDa, V1 subunit E1	-1,1
12796093	526127	FRMD4B	FERM domain containing 4B	-1,1
12883254	281973	PDE6A	phosphodiesterase 6A, cGMP-specific, rod, alpha	-1,1
12809644	513825	SERPINB8	serpin peptidase inhibitor, clade B (ovalbumin), member 8	-1,1
12809073	100336967	LOC100336967	docking protein 6-like	-1,1
12775855	508882	FAP	fibroblast activation protein, alpha	-1,1
12726701	281308	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	-1,1
12843423	506131	CTPS	CTP synthase	-1,1
12882296	786202	LOC786202	similar to Olfactory receptor 7A5 (Olfactory receptor OR19-17) (Olfactory receptor TPCR92)	-1,1
12791112	614390	MORF4L1	mortality factor 4 like 1	-1,1
12871426	528650	TBCK	TBC1 domain containing kinase	-1,1
12896561	100337299	LOC100337299	androgen-induced 1-like	-1,1
12835623	100313341	MIR1584	microRNA mir-1584	-1,1
12784690	786604	LOC786604	similar to Heterogeneous nuclear ribonucleoproteins A2/B1 (hnRNP A2 / hnRNP B1)	-1,1
12756992	512543	SLC7A6OS	solute carrier family 7, member 6 opposite strand	-1,1
12796016	523521	BOSTAUV1R437	vomeroneural 1 receptor bosTauV1R437	-1,1
12687810	100336128	LOC100336128	hCG1812119-like	-1,1
12723239	536186	CRISPLD1	cysteine-rich secretory protein LCCL domain containing 1	-1,1
12685545	531436	IFT57	intraflagellar transport 57 homolog (Chlamydomonas)	-1,1
12764803	538567	TNFSF13	tumor necrosis factor (ligand) superfamily, member 13	-1,1
12732086	514624	STARD10	StAR-related lipid transfer (START) domain containing 10	-1,1
12737692	782528	TOR1AIP1	torsin A interacting protein 1	-1,1
12679149	505907	HSPA13	stress 70 protein chaperone, microsome-associated, 60kDa	-1,1
12707691	540993	DHX57	DEAH (Asp-Glu-Ala-Asp/His) box polypeptide 57	-1,1
12867105	533796	BICD1	bicaudal D homolog 1 (Drosophila)	-1,1
12805333	511364	VPS52	vacuolar protein sorting 52 homolog (S. cerevisiae)	-1,1
12807934	515909	POLI	polymerase (DNA directed) iota	-1,1
12752300	523694	SEPW1	selenoprotein W, 1	-1,1
12806857	617905	LOC617905	similar to Histone H4 replacement CG3379-PC	-1,1
12862179	613430	GRAMD4	GRAM domain containing 4	-1,1
12810528	541153	DTNA	dystrobrevin, alpha	-1,1
12723522	616871	UQCRB	ubiquinol-cytochrome c reductase binding protein	-1,1
12817807	534669	GTF2I	general transcription factor Iii	-1,1
12748863	100295930	LOC100295930	similar to transient receptor potential cation channel, subfamily M, member 4	-1,1
12731556	508969	PRKRIR	protein-kinase, interferon-inducible double stranded RNA dependent inhibitor, repressor of (P58 repressor)	-1,1
12760429	100297452	LOC100297452	hypothetical protein LOC100297452	-1,1
12752992	534051	ITPKC	inositol 1,4,5-trisphosphate 3-kinase C	-1,1
12823782	510620	ASAHI	N-acylsphingosine amidohydrolase (acid ceramidase) 1	-1,1
12740915	541076	CNST	consortin, connexin sorting protein	-1,1
12745949	506646	SUDS3	suppressor of defective silencing 3 homolog (S. cerevisiae)	-1,1
12901083	537689	LACE1	lactation elevated 1	-1,1
12712731	613869	ALOX5AP	arachidonate 5-lipoxygenase-activating protein	-1,1
12716337	534799	TOP1	topoisomerase (DNA) I	-1,1

12840499	538609	HEYL	hairy/enhancer-of-split related with YRPW motif-like	-1,1
12835715	280686	F3	coagulation factor III (thromboplastin, tissue factor)	-1,1
12859845	518130	IFLTD1	intermediate filament tail domain containing 1	-1,1
12851902	615312	RP9	retinitis pigmentosa 9 (autosomal dominant)	-1,1
12812121	509497	SUMF2	sulfatase modifying factor 2	-1,1
12838481	514943	RHBDL2	rhomboid, veinlet-like 2 (Drosophila)	-1,1
12773372	782743	MTMR4	myotubularin related protein 4	-1,1
12711651	509599	NUFIP1	nuclear fragile X mental retardation protein interacting protein 1	-1,1
12876135	100124511	LOC100124511	hypothetical protein LOC100124511	-1,1
12885334	513699	TMEM205	transmembrane protein 205	-1,1
12872072	539460	LOC539460	similar to mCG9761	-1,1
12854929	532001	SNX13	sorting nexin 13	-1,1
12762208	508269	TMEM106A	transmembrane protein 106A	-1,1
12748493	100125939	LOC100125939	hypothetical protein LOC100125939	-1,1
12742621	513539	LIMK2	LIM domain kinase 2	-1,1
12681309	532730	SEC22A	SEC22 vesicle trafficking protein homolog A (S. cerevisiae)	-1,1
12833573	512056	RASGRP2	RAS guanyl releasing protein 2 (calcium and DAG-regulated)	-1,1
12773253	777598	LOC777598	keratin associated protein-like	-1,1
12755132	100139430	VN1R2	vomeroneasal 1 receptor 2	-1,1
12877798	505738	MCOLN1	mucolipin 1	-1,1
12863901	280760	DCN	decorin	-1,1
12727477	510850	SERPINH1	serpin peptidase inhibitor, clade H (heat shock protein 47), member 1, (collagen binding protein 1)	-1,1
12838041	513038	CTSK	cathepsin K	-1,1
12710024	531927	FARP1	FERM, RhoGEF (ARHGEF) and pleckstrin domain protein 1 (chondrocyte-derived)	-1,1
12892452	100298923	LOC100298923	similar to zinc finger protein ZFP	-1,1
12841413	617367	RRAGC	Ras-related GTP binding C	-1,1
12811194	100335574	LOC100335574	hypothetical protein LOC100335574	-1,1
12796175	529196	LOC529196	C-C chemokine receptor type 1-like	-1,1
12870393	407147	ART3	ADP-ribosyltransferase 3	-1,1
12809357	506448	ZNF397	zinc finger protein 397	-1,1
12815958	507667	EMP2	epithelial membrane protein 2	-1,1
12904974	534539	BRWD3	bromodomain and WD repeat domain containing 3	-1,1
12726480	100313138	MIR2318	microRNA mir-2318	-1,1
12818789	100300490	ENTPD7	ectonucleoside triphosphate diphosphohydrolase 7	-1,1
12897007	509223	HEBP2	heme binding protein 2	-1,1
12896736	338092	THBS2	thrombospondin 2	-1,1
12788484	767961	NDUFAF2	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly factor 2	-1,1
12728095	515696	ATP5L	ATP synthase, H ⁺ transporting, mitochondrial F0 complex, subunit G	-1,1
12697633	783918	LOC783918	similar to olfactory receptor, family 11, subfamily G, member 2	-1,1
12757972	523815	CBFA2T3	core-binding factor, runt domain, alpha subunit 2; translocated to, 3	-1,1
12706907	533884	ZNF512	zinc finger protein 512	-1,1
12897718	529146	MAP3K7	mitogen-activated protein kinase kinase kinase 7	-1,1
12681044	525738	ADPRH	ADP-ribosylarginine hydrolase	-1,1
12806498	539564	PGBD1	piggyBac transposable element derived 1	-1,1
12798067	317651	CATHL6	cathelicidin 6	-1,1
12836660	505318	OLFML3	olfactomedin-like 3	-1,1
12791710	282076	SNURF	SNRPN upstream reading frame	-1,1
12873056	100337111	LOC100337111	T-cell activation Rho GTPase-activating protein-like	-1,1
12828674	538800	GNPAT	glyceronephosphate O-acyltransferase	-1,1
12721237	783681	JAG1	jagged 1 (Alagille syndrome)	-1,1

12877025	282218	DNASE2	deoxyribonuclease II, lysosomal	-1,1
12724422	505722	TCEA1	transcription elongation factor A (SII), 1	-1,1
12910658	785611	NUDT11	nudix (nucleoside diphosphate linked moiety X)-type motif 11	-1,1
12734888	497032	MTHFR	5,10-methylenetetrahydrofolate reductase (NADPH)	-1,1
12871557	532481	SOD3	superoxide dismutase 3, extracellular	-1,1
12859179	512444	GNS	glucosamine (N-acetyl)-6-sulfatase	-1,1
12867796	539315	ACVR1B	activin A receptor, type IB	-1,1
12727739	513343	TMPRSS4	transmembrane protease, serine 4	-1,1
12754865	789803	LOC789803	hypothetical LOC789803	-1,1
12704081	286773	PDCL	phosducin-like	-1,1
12841138	614073	CCDC23	coiled-coil domain containing 23	-1,1
12679704	510745	ABCG1	ATP-binding cassette, sub-family G (WHITE), member 1	-1,1
12875415	539372	HELQ	helicase, POLQ-like	-1,1
12854908	531877	PTPN12	protein tyrosine phosphatase, non-receptor type 12	-1,1
12819534	512466	BCCIP	BRCA2 and CDKN1A interacting protein	-1,1
12819967	522276	MGC152084	hypothetical LOC522276	-1,1
12786442	540864	SGTB	small glutamine-rich tetratricopeptide repeat (TPR)-containing, beta	-1,1
12697619	783195	LOC783195	similar to ribonuclease, RNase A family, 4	-1,1
12894843	538275	SHB	Src homology 2 domain containing adaptor protein B	-1,1
12897943	533853	SENPA6	SUMO1/sentrin specific peptidase 6	-1,1
12837980	512354	WDR47	WD repeat domain 47	-1,1
12910395	768308	ARMCX6	armadillo repeat containing, X-linked 6	-1,1
12697327	617063	FSIP1	fibrous sheath interacting protein 1	-1,1
12738054	100297121	LOC100297121	similar to upregulated during skeletal muscle growth 5	-1,1
12893310	510572	CDC37L1	cell division cycle 37 homolog (S. cerevisiae)-like 1	-1,1
12695241	520990	VPS39	vacuolar protein sorting 39 homolog (S. cerevisiae)	-1,1
12810631	614703	PSMA8	proteasome (prosome, macropain) subunit, alpha type, 8	-1,1
12853218	327714	NDUFA5	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 5, 13kDa	-1,1
12859092	511099	CDC42EP1	CDC42 effector protein (Rho GTPase binding) 1	-1,1
12822742	534601	ATE1	arginyltransferase 1	-1,1
12680230	513807	MORC3	MORC family CW-type zinc finger 3	-1,1
12909794	539629	MECP2	methyl CpG binding protein 2 (Rett syndrome)	-1,1
12909525	536163	LOC536163	hypothetical LOC536163	-1,1
12874752	530393	PKD2	polycystic kidney disease 2 (autosomal dominant)	-1,1
12776855	519254	DDX18	DEAD (Asp-Glu-Ala-Asp) box polypeptide 18	-1,1
12884008	506323	LOC506323	similar to Olfactory receptor 10H4	-1,1
12897434	519716	CCR6	chemokine (C-C motif) receptor 6	-1,1
12881508	613590	XRCC4	X-ray repair complementing defective repair in Chinese hamster cells 4	-1,1
12903682	511189	EIF1AX	eukaryotic translation initiation factor 1A, X-linked	-1,1
12884648	509729	MED7	cofactor required for Sp1 transcriptional activation, subunit 9, 33kDa	-1,1
12779433	617274	ERMN	ermin, ERM-like protein	-1,1
12713731	282005	PROCR	protein C receptor, endothelial (EPCR)	-1,1
12897169	512715	TUBE1	tubulin, epsilon 1	-1,1
12869579	100299715	LOC100299715	similar to fatty acid binding protein 3	-1,1
12900549	521378	CITED2	Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 2	-1,1
12808771	616292	SLMO1	slowmo homolog 1 (Drosophila)	-1,1
12888154	782335	LOC782335	similar to F-box/LRR-repeat protein 17 (F-box and leucine-rich repeat protein 17) (F-box only protein 13)	-1,1
12684882	518080	LOC518080	similar to ATP-binding cassette transporter 13	-1,1
12807979	519449	ZNF516	zinc finger protein 516	-1,1

12876389	100297795	LOC100297795	similar to pterin-4 alpha-carbinolamine dehydratase/dimerization cofactor of hepatocyte nuclear factor 1 alpha	-1,1
12865202	510046	LOC510046	similar to Olfactory receptor 6C4	-1,1
12707529	540218	ZBTB6	zinc finger and BTB domain containing 6	-1,1
12739249	511042	NMNAT2	nicotinamide nucleotide adenyltransferase 2	-1,1
12710784	781432	KATNAL1	katanin p60 subunit A-like 1	-1,1
12905544	541155	MTMR1	myotubularin related protein 1	-1,1
12825623	783571	LRRC3B	leucine rich repeat containing 3B	-1,1
12785857	525138	LOC525138	similar to CG3337-PA	-1,1
12808103	530550	ARHGAP28	Rho GTPase activating protein 28	-1,1
12833243	507461	SIAE	sialic acid acetyltransferase	-1,1
12687817	100336391	LOC100336391	protease-like	-1,1
12779539	618198	SDC3	syndecan 3	-1,1
12719109	512408	RAD21L1	RAD21-like 1 (S. pombe)	-1,1
12905382	539569	PRRG3	proline rich Gla (G-carboxyglutamic acid) 3 (transmembrane)	-1,1
12754307	767892	HCST	hematopoietic cell signal transducer	-1,1
12755454	100313143	MIR2324	microRNA mir-2324	-1,1
12910469	782178	LOC782178	similar to peptidyl-Pro cis trans isomerase	-1,1
12872453	615792	MGC157163	hypothetical LOC615792	-1,1
12786143	535347	FYB	FYN binding protein (FYB-120/130)	-1,1
12848317	788280	SPRR4	small proline-rich protein 4	-1,1
12844249	512072	PTPRF	protein tyrosine phosphatase, receptor type, F	-1,1
12710699	617935	CUL4A	cullin 4A	-1,1
12818899	281729	SMC3	structural maintenance of chromosomes 3	-1,1
12898680	541096	DOPEY1	dopey family member 1	-1,1
12709527	512310	NDFIP2	Nedd4 family interacting protein 2	-1,1
12755526	100336838	LOC100336838	zinc finger protein 160-like	-1,1
12747268	532277	RXFP1	relaxin/insulin-like family peptide receptor 1	-1,1
12852521	787194	LOC787194	similar to Homeobox protein Hox-A13 (Hox-1J)	-1,1
12752201	522073	RCN3	reticulocalbin 3, EF-hand calcium binding domain	-1,1
12831663	540141	KDM2A	lysine (K)-specific demethylase 2A	-1,1
12684946	519597	SNX4	sorting nexin 4	-1,1
12887281	539896	BRD8	bromodomain containing 8	-1,1
12714986	513479	RNF114	ring finger protein 114	-1,1
12720825	614128	SEC61A2	Sec61 alpha 2 subunit (S. cerevisiae)	-1,1
12822071	513597	MYOF	myoferlin	-1,1
12797899	100337047	LOC100337047	PHD finger protein 7-like	-1,1
12704003	282276	MGAT4A	mannosyl (alpha-1,3-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase, isozyme A	-1,1
12824219	528057	CSGALNACT1	chondroitin sulfate N-acetylgalactosaminyltransferase 1	-1,1
12696239	536604	DPP8	dipeptidyl-peptidase 8	-1,1
12894797	536654	GNAQ	guanine nucleotide binding protein (G protein), q polypeptide	-1,1
12714968	513267	DSTN	destrin (actin depolymerizing factor)	-1,1
12726449	100300544	LOC100300544	hypothetical protein LOC100300544	-1,1
12908589	519045	SHROOM4	shroom family member 4	-1,1
12727402	510203	PRKCDBP	protein kinase C, delta binding protein	-1,1
12861337	536328	LRP6	low density lipoprotein receptor-related protein 6	-1,1
12785159	338075	ATP6V0E1	ATPase, H ⁺ transporting, lysosomal 9kDa, V0 subunit e1	-1,1
12772757	615300	RPL38	ribosomal protein L38	-1,1
12811846	505869	NTAN1	N-terminal asparagine amidase	-1,1
12711260	504409	RBM26	RNA binding motif protein 26	-1,1
12747262	532175	RBM46	RNA binding motif protein 46	-1,1
12858942	510621	RPAP3	RNA polymerase II associated protein 3	-1,1
12678284	100296254	LOC100296254	hypothetical protein LOC100296254	-1,1

12826590	531024	LOC531024	similar to olfactory receptor 1200	-1,1
12682974	100297040	LOC100297040	similar to histone cluster 1, H2bd	-1,1
12829880	506046	CCDC90B	coiled-coil domain containing 90B	-1,1
12888223	784997	B3GNT3	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 3	-1,1
12751726	515119	RMP	RNA polymerase II, subunit 5-mediating protein	-1,1
12866201	516259	EEA1	early endosome antigen 1	-1,1
12876640	100337133	LOC100337133	protocadherin gamma subfamily B, 3-like	-1,1
12792840	522540	LOC522540	similar to myeloid-associated differentiation marker	-1,1
12682399	614942	TRAT1	T-cell receptor-associated transmembrane adapter 1	-1,1
12768230	505878	SOX15	SRY (sex determining region Y)-box 15	-1,1
12870787	511050	IDUA	iduronidase, alpha-L-	-1,1
12764569	535442	SGSH	N-sulfoglucosamine sulfohydrolase	-1,1
12734333	100337035	LOC100337035	complement factor H-related 4-like	-1,1
12792492	514035	LOC514035	hypothetical LOC514035	-1,1
12825048	509865	RWDD4A	RWD domain containing 4A	-1,1
12791067	613992	LOC613992	similar to myeloid-associated differentiation marker	-1,1
12751892	516932	LRRC68	leucine rich repeat containing 68	-1,1
12708420	768015	PIGF	phosphatidylinositol glycan anchor biosynthesis, class F	-1,1
12888825	100300568	LOC100300568	hypothetical protein LOC100300568	-1,1
12777765	533298	KIAA1715	KIAA1715	-1,1
12715099	514547	MAP1LC3A	microtubule-associated protein 1 light chain 3 alpha	-1,1
12867675	538284	USP15	ubiquitin specific peptidase 15	-1,1
12684800	516462	SON	SON DNA binding protein	-1,1
12863275	788998	LOC788998	similar to olfactory receptor MOR210-5	-1,1
12702067	539436	ITPRIPL1	inositol 1,4,5-triphosphate receptor interacting protein-like 1	-1,1
12855619	541154	IKZF1	IKAROS family zinc finger 1 (Ikaros)	-1,1
12908112	511866	RAB9B	RAB9B, member RAS oncogene family	-1,1
12683809	504871	CDV3	CDV3 homolog (mouse)	-1,1
12899625	359712	COL12A1	collagen, type XII, alpha 1	-1,1
12716781	540595	BMP7	bone morphogenetic protein 7	-1,1
12715188	515731	PLXDC2	plexin domain containing 2	-1,1
12819543	513040	PLEKHA1	pleckstrin homology domain containing, family A (phosphoinositide binding specific) member 1	-1,1
12753088	536421	CYLD	cylindromatosis (turban tumor syndrome)	-1,1
12743730	534624	CLIP1	CAP-GLY domain containing linker protein 1	-1,1
12783078	535280	NBL1	neuroblastoma, suppression of tumorigenicity 1	-1,1
12753972	617702	LOC617702	similar to immunoglobulin-like transcript 5 protein	-1,1
12820459	534327	NHLRC2	NHL repeat containing 2	-1,1
12890814	528098	PCSK5	proprotein convertase subtilisin/kexin type 5	-1,1
12717304	781181	UPF2	UPF2 regulator of nonsense transcripts homolog (yeast)	-1,1
12700338	518111	SLC30A6	solute carrier family 30 (zinc transporter), member 6	-1,1
12699935	514085	E2F6	E2F transcription factor 6	-1,1
12883718	504545	PPAP2C	phosphatidic acid phosphatase type 2C	-1,1
12897522	522928	PHF3	PHD finger protein 3	-1,1
12853913	511767	EEPD1	endonuclease/exonuclease/phosphatase family domain containing 1	-1,1
12819099	504411	LZTS2	leucine zipper, putative tumor suppressor 2	-1,1
12837170	507329	INPP5D	inositol polyphosphate-5-phosphatase, 145kDa	-1,1
12799711	532578	SETD5	SET domain containing 5	-1,1
12897367	518522	OSTM1	osteopetrosis associated transmembrane protein 1	-1,1
12907867	509882	MPP3	membrane protein, palmitoylated 3 (MAGUK p55 subfamily member 3)	-1,1
12909194	533134	MBTPS2	membrane-bound transcription factor peptidase, site 2	-1,1
12908136	512350	EIF2S3	eukaryotic translation initiation factor 2, subunit 3 gamma, 52kDa	-1,1

12761654	505054	SCPEP1	serine carboxypeptidase 1	-1,1
12778639	540450	CYTIP	cytohesin 1 interacting protein	-1,1
12805156	508554	MRS2	MRS2 magnesium homeostasis factor homolog (S. cerevisiae)	-1,1
12855628	541283	IFRD1	interferon-related developmental regulator 1	-1,1
12825829	280911	RGR	retinal G protein coupled receptor	-1,1
12813271	527577	TRIM4	tripartite motif-containing 4	-1,1
12702478	613927	PDIA6	protein disulfide isomerase family A, member 6	-1,1
12726800	281941	NCAM1	neural cell adhesion molecule 1	-1,1
12788512	782284	LOC782284	similar to LOC510233 protein	-1,1
12722977	532808	CLVS1	clavesin 1	-1,1
12794130	100139246	FYCO1	FYVE and coiled-coil domain containing 1	-1,1
12733988	787652	LOC787652	similar to Olfactory receptor 52N2	-1,1
12888589	789687	LOC789687	similar to hCG2036615	-1,1
12850971	532541	CASD1	CAS1 domain containing 1	-1,1
12703028	619026	LOC619026	similar to hCG1685998	-1,1
12781537	514387	TRIP12	thyroid hormone receptor interactor 12	-1,1
12746915	519751	CYTSA	cytospin A	-1,1
12893324	510679	ALAD	aminolevulinate, delta-, dehydratase	-1,1
12864109	282160	CACNB3	calcium channel, voltage-dependent, beta 3 subunit	-1,1
12798133	326576	SLC38A3	solute carrier family 38, member 3	-1,1
12715298	517417	XRN2	5'-3' exoribonuclease 2	-1,1
12888869	100335177	LOC100335177	interferon stimulated exonuclease-like	-1,1
12830650	514277	TMEM138	transmembrane protein 138	-1,1
12876560	100335696	LOC100335696	hypothetical protein LOC100335696	-1,1
12871512	530865	LIAS	lipoic acid synthetase	-1,1
12712617	539972	TMTC4	transmembrane and tetratricopeptide repeat containing 4	-1,1
12765836	781298	LOC781298	similar to Phosphatidylcholine transfer protein (PC-TP) (StAR-related lipid transfer protein 2) (StARD2) (START domain-containing protein 2)	-1,1
12721206	782266	LOC782266	similar to Rpl17 protein	-1,1
12777344	528794	LOC528794	similar to Protein FAM136A	-1,1
12853844	510953	PON3	paraoxonase 3	-1,1
12730593	100336530	LOC100336530	formin binding protein 4-like	-1,1
12722530	516476	KLHL38	kelch-like 38 (Drosophila)	-1,1
12866619	523151	TCF20	transcription factor 20 (AR1)	-1,1
12901408	616136	LOC616136	hypothetical LOC616136	-1,1
12831379	532527	EI24	etoposide induced 2.4 mRNA	-1,1
12812980	521224	RASA4	RAS p21 protein activator 4	-1,1
12744791	783956	LOC783956	similar to BCL2-like 10 (apoptosis facilitator)	-1,1
12714728	511723	RPP38	ribonuclease P/MRP 38kDa subunit	-1,1
12857650	407234	ADIPOR2	adiponectin receptor 2	-1,1
12816678	514472	TRAP1	TNF receptor-associated protein 1	-1,1
12900659	526200	LOC526200	similar to Absent in melanoma 1 protein	-1,1
12872751	789559	HAUS3	HAUS augmin-like complex, subunit 3	-1,1
12859818	517825	TDG	thymine-DNA glycosylase	-1,1
12862652	618893	MAPK8IP2	mitogen-activated protein kinase 8 interacting protein 2	-1,1
12711073	100337076	LOC100337076	ATP-binding cassette protein C4-like	-1,1
12852351	781551	LOC781551	similar to TRGC3 protein	-1,1
12838765	518657	TAL1	T-cell acute lymphocytic leukemia 1	-1,1
12840420	537985	HIST2H2BE	histone cluster 2, H2be	-1,1
12797797	100299770	LOC100299770	similar to Heat Shock Protein family member (hsp-60)	-1,1
12830251	510165	HPS5	Hermansky-Pudlak syndrome 5	-1,1
12806585	541070	MYLIP	myosin regulatory light chain interacting protein	-1,1
12816414	512290	LMTK2	similar to lemur tyrosine kinase 2	-1,1
12715011	513750	TCFL5	transcription factor-like 5 (basic helix-loop-helix)	-1,1
12679488	508354	LOC508354	hypothetical protein LOC508354	-1,1
12846849	539159	CTH	cystathionase (cystathionine gamma-lyase)	-1,1

12726408	100297910	LOC100297910	similar to four jointed box 1	-1,1
12793656	613767	CINP	cyclin-dependent kinase 2 interacting protein	-1,1
12791443	100125278	ZNF774	zinc finger protein 774	-1,1
12788218	540391	RNF180	ring finger protein 180	-1,1
12885817	522921	HBEGF	heparin-binding EGF-like growth factor	-1,1
12805124	508320	STK19	serine/threonine kinase 19	-1,1
12900234	515167	C9H6orf185	chromosome 6 open reading frame 185 ortholog	-1,1
12760276	100138789	CD300LF	CD300 molecule-like family member f	-1,1
12845475	524662	LOC524662	similar to olfactory receptor 1337	-1,1
12745384	282205	CRYBB1	crystallin, beta B1	-1,1
12841553	767922	DRAM2	DNA-damage regulated autophagy modulator 2	-1,1
12907132	281490	KDM5C	lysine (K)-specific demethylase 5C	-1,1
12744620	617325	KSR2	kinase suppressor of ras 2	-1,1
12778036	535498	BAZ2B	bromodomain adjacent to zinc finger domain, 2B	-1,1
12845512	525117	DNASE2B	deoxyribonuclease II beta	-1,1
12734059	100139151	LOC100139151	hypothetical protein LOC100139151	-1,1
12786990	282307	PIK3R1	phosphoinositide-3-kinase, regulatory subunit 1 (alpha)	-1,1
12731162	504523	ZNF259	zinc finger protein 259	-1,1
12828584	535018	TARBP1	TAR (HIV-1) RNA binding protein 1	-1,1
12708719	791035	MIR199B	microRNA mir-199b	-1,1
12808216	534739	ANKRD12	ankyrin repeat domain 12	-1,1
12857173	282352	ST8SIA1	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 1	-1,1
12805356	511794	ZNF192	zinc finger protein 192	-1,1
12832475	100313194	MIR449D	microRNA mir-449d	-1,1
12842694	282016	PSMD4	proteasome (prosome, macropain) 26S subunit, non-ATPase, 4	-1,1
12827885	504503	SLC29A3	solute carrier family 29 (nucleoside transporters), member 3	-1,1
12770618	516411	SMG6	Smg-6 homolog, nonsense mediated mRNA decay factor (C. elegans)	-1,1
12726187	781912	TAF2	TAF2 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 150kDa	-1,1
12707778	613376	RPIA	ribose 5-phosphate isomerase A	-1,1
12769414	510820	TSR1	TSR1, 20S rRNA accumulation, homolog (S. cerevisiae)	-1,1
12743339	528907	OTUD4	similar to OTU domain-containing protein 4 (HIV-1-induced protein HIN-1)	-1,1
12821993	511498	LOC511498	cytochrome P450, family 2, subfamily c	-1,1
12832090	777594	LOC777594	hypothetical protein LOC777594	-1,1
12860176	522132	TMTC3	transmembrane and tetratricopeptide repeat containing 3	-1,1
12790833	537810	AKAP6	A kinase (PRKA) anchor protein 6	-1,1
12876696	100337469	LOC100337469	ephrin-A5-like	-1,1
12682546	617797	SH3BGR	similar to SH3 domain-binding glutamic acid-rich protein (SH3BGR protein)	-1,1
12808719	615687	TMX3	thioredoxin-related transmembrane protein 3	-1,1
12886630	533635	MCTP1	multiple C2 domains, transmembrane 1	-1,1
12883735	504593	SPRY4	sprouty homolog 4 (Drosophila)	-1,1
12782974	534463	MFSD6	major facilitator superfamily domain containing 6	-1,1
12725835	539073	OSGIN2	oxidative stress induced growth inhibitor family member 2	-1,1
12837790	511511	CSF3R	similar to colony stimulating factor 3 receptor	-1,1
12681383	533382	PKNOX1	PBX/knotted 1 homeobox 1	-1,1
12819887	519652	ADAM8	ADAM metallopeptidase domain 8	-1,1
12684688	514889	IFNGR2	interferon gamma receptor 2 (interferon gamma transducer 1)	-1,1
12749164	100336931	LOC100336931	hypothetical protein LOC100336931	-1,1
12867385	535652	LRRK2	leucine-rich repeat kinase 2	-1,1

12852417	784403	CDK14	cyclin-dependent kinase 14	-1,1
12784390	616839	CCDC93	coiled-coil domain containing 93	-1,1
12765863	782389	FUSIP1	FUS interacting protein (serine/arginine-rich) 1	-1,1
12848511	100297154	LOC100297154	hypothetical protein LOC100297154	-1,1
12727124	506121	LOC506121	similar to Olfactory receptor 4B1 (Olfactory receptor OR11-106) (OST208)	-1,1
12772156	538817	RNMTL1	RNA methyltransferase like 1	-1,1
12707507	540032	WDR92	WD repeat domain 92	-1,1
12781302	511281	ORC2L	origin recognition complex, subunit 2-like (yeast)	-1,1
12869106	782635	MON2	MON2 homolog (S. cerevisiae)	-1,1
12874769	530506	SMARCAD1	SWI/SNF-related, matrix-associated actin-dependent regulator of chromatin, subfamily a, containing DEAD/H box 1	-1,1
12833097	505865	FOLH1	folate hydrolase (prostate-specific membrane antigen) 1	-1,1
12718839	508722	RBM39	RNA binding motif protein 39	-1,1
12683384	282006	PROS1	protein S (alpha)	-1,1
12777646	532389	MRPL44	mitochondrial ribosomal protein L44	-1,1
12867556	537195	CREBL2	cAMP responsive element binding protein-like 2	-1,1
12871021	514704	LOC514704	similar to KIAA0232 gene product	-1,1
12816753	514896	TRIM56	tripartite motif-containing 56	-1,1
12705022	509758	BET1L	blocked early in transport 1 homolog (S. cerevisiae)-like	-1,1
12806070	530159	CDKAL1	CDK5 regulatory subunit associated protein 1-like 1	-1,1
12888215	784593	LOC784593	similar to Znf domain containing protein	-1,1
12814144	617718	OTOA	otoancorin	-1,1
12690224	529166	CBLN3	cerebellin 3 precursor	-1,1
12748328	784913	FHDC1	FH2 domain containing 1	-1,1
12903721	511286	PABPC5	poly(A) binding protein, cytoplasmic 5	-1,1
12884778	510615	RPL19	ribosomal protein L19	-1,1
12825761	100337273	LOC100337273	hypothetical protein LOC100337273	-1,1
12754192	618463	SIGLEC12	sialic acid binding Ig-like lectin 12	-1,1
12876015	781872	NPY5R	neuropeptide Y receptor Y5	-1,1
12720745	540142	FOXS1	forkhead box S1	-1,1
12743482	532261	SNAP29	synaptosomal-associated protein, 29kDa	-1,1
12726834	286794	MMP7	matrix metalloproteinase 7 (matrilysin, uterine)	-1,1
12726426	100299725	LOC100299725	similar to olfactory receptor 154	-1,1
12879408	519770	PBX4	pre-B-cell leukemia homeobox 4	-1,1
12889415	505694	FXN	frataxin	-1,1
12910270	616179	EDA	ectodysplasin A	-1,1
12701322	534211	BIRC6	baculoviral IAP repeat-containing 6	-1,1
12738559	281486	SELP	selectin P	-1,1
12849348	404082	TMEM176A	transmembrane protein 176A	-1,1
12700456	519193	GPR21	G protein-coupled receptor 21	-1,1
12725274	515040	ZHX2	zinc fingers and homeoboxes 2	-1,1
12682976	100297465	LOC100297465	hypothetical protein LOC100297465	-1,1
12900447	518778	TXLNB	taxilin beta	-1,1
12681300	532726	PPP1R2	protein phosphatase 1, regulatory (inhibitor) subunit 2	-1,1
12685024	521932	LOC521932	similar to centrosomal protein 63	-1,1
12873740	507675	SDAD1	SDA1 domain containing 1	-1,1
12891534	539781	CHMP5	chromatin modifying protein 5	-1,1
12711493	507622	FRY	furry homolog (Drosophila)	-1,1
12823209	617080	LGI1	leucine-rich, glioma inactivated 1	-1,1
12722861	526138	MTERFD1	MTERF domain containing 1	-1,1
12696869	540616	MAX	MYC associated factor X	-1,1
12888483	788031	LOC788031	similar to Olfactory receptor 7A10 (Olfactory receptor OR19-18) (OST027)	-1,1
12882874	100336881	LOC100336881	olfactory receptor, family 7, subfamily A, member 17-like	-1,1

12752692	531868	LOC531868	similar to glioma tumor suppressor candidate region gene 1	-1,1
12899205	100299681	LOC100299681	similar to cytochrome c oxidase subunit I	-1,1
12735381	509797	TIMM17A	translocase of inner mitochondrial membrane 17 homolog A (yeast)	-1,1
12780793	507126	LOC507126	similar to basement membrane-induced gene	-1,1
12867915	539837	ALG10	asparagine-linked glycosylation 10, alpha-1,2-glucosyltransferase homolog (S. pombe)	-1,1
12782200	523153	LOC523153	similar to Ras association and pleckstrin homology domains 1	-1,1
12784828	100295295	LOC100295295	similar to alpha 2 actin	-1,1
12745200	100298642	LOC100298642	similar to TNFAIP3 interacting protein 1	-1,1
12854172	515029	UPP1	uridine phosphorylase 1	-1,1
12889914	508938	SMC5	structural maintenance of chromosomes 5	-1,1
12878231	508660	DDX46	DEAD (Asp-Glu-Ala-Asp) box polypeptide 46	-1,1
12725205	513789	WWP1	WW domain containing E3 ubiquitin protein ligase 1	-1,1
12834795	541303	MED17	mediator complex subunit 17	-1,1
12840918	540599	MEAF6	MYST/Esa1-associated factor 6	-1,1
12680771	519526	RNF160	ring finger protein 160	-1,1
12826336	518089	LOC518089	similar to EDAR-associated death domain	-1,1
12843126	504320	DAP3	death associated protein 3	-1,1
12736958	538468	GPR157	G protein-coupled receptor 157	-1,1
12748015	614521	RAB35	RAB35, member RAS oncogene family	-1,1
12717097	617469	PMEPA1	prostate transmembrane protein, androgen induced 1	-1,1
12867269	534721	DDX47	DEAD (Asp-Glu-Ala-Asp) box polypeptide 47	-1,1
12842930	338060	NDUFA10	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 10, 42kDa	-1,1
12820083	524691	ZNF518A	zinc finger protein 518A	-1,1
12906798	100337101	LOC100337101	vesicle-associated membrane protein 7-like	-1,1
12859936	518880	RBX1	ring-box 1	-1,1
12712008	519743	PAN3	PAN3 poly(A) specific ribonuclease subunit homolog (S. cerevisiae)	-1,1
12698066	100296524	LOC100296524	similar to ribosomal protein L39-like protein	-1,1
12709437	509602	ERCC5	excision repair cross-complementing rodent repair deficiency, complementation group 5	-1,1
12787542	517560	PPWD1	peptidylprolyl isomerase domain and WD repeat containing 1	-1,1
12776338	512361	LAPTM5	lysosomal protein transmembrane 5	-1,1
12888800	100297815	LOC100297815	hypothetical protein LOC100297815	-1,1
12713054	768037	TNFRSF19	tumor necrosis factor receptor superfamily, member 19	-1,1
12696719	539641	UTP6	UTP6, small subunit (SSU) processome component, homolog (yeast)	-1,1
12693887	505293	MED6	mediator complex subunit 6	-1,1
12857098	281992	PPARA	peroxisome proliferator-activated receptor alpha	-1,1
12888896	100336482	LOC100336482	vacuolar protein sorting 13A-like	-1,1
12826182	512392	ZNF32	zinc finger protein 32	-1,1
12842660	281552	TSHB	thyroid stimulating hormone, beta	-1,1
12787987	538236	IPO11	importin 11	-1,1
12834503	535222	EFEMP2	EGF-containing fibulin-like extracellular matrix protein 2	-1,1
12714474	507845	MAPRE1	microtubule-associated protein, RP/EB family, member 1	-1,1
12777103	524064	PTH2R	parathyroid hormone 2 receptor	-1,1
12755419	100300479	LOC100300479	similar to zinc finger protein 347	-1,1
12688467	506271	USP50	ubiquitin specific peptidase 50	-1,1
12698542	281995	PPM1B	protein phosphatase 1B (formerly 2C), magnesium-dependent, beta isoform	-1,1
12835241	787487	VWCE	von Willebrand factor C and EGF domains	-1,1
12847012	540486	TIPRL	TIP41, TOR signaling pathway regulator-like (S. cerevisiae)	-1,1

12698206	100300164	LOC100300164	similar to MICAL-like	-1,1
12854492	520030	LAMB1	laminin, beta 1	-1,1
12807377	100336055	LOC100336055	hypothetical protein LOC100336055	-1,1
12698769	360193	PNO1	partner of NOB1 homolog (S. cerevisiae)	-1,1
12712820	615359	PARP4	poly (ADP-ribose) polymerase family, member 4	-1,1
12900731	528398	AHI1	Abelson helper integration site 1	-1,1
12728544	526824	ATM	ataxia telangiectasia mutated	-1,1
12748294	782885	ZNF605	zinc finger protein 605	-1,1
12717178	618389	BSP30C	common salivary protein BSP30 form C	-1,1
12686922	615745	GBE1	glucan (1,4-alpha-), branching enzyme 1	-1,1
12819315	507860	PI4K2A	phosphatidylinositol 4-kinase type 2 alpha	-1,1
12733478	614876	LMO2	LIM domain only 2 (rhombotin-like 1)	-1,1
12834336	531389	FOSL1	FOS-like antigen 1	-1,1
12830577	513579	PICALM	phosphatidylinositol binding clathrin assembly protein	-1,1
12762440	509424	CCDC103	coiled-coil domain containing 103	-1,1
12719233	513983	SCAND1	SCAN domain containing 1	-1,1
12757839	521163	ATP4A	ATPase, H+/K+ exchanging, alpha polypeptide	-1,1
12684861	517845	IMPG2	interphotoreceptor matrix proteoglycan 2	-1,1
12825971	414346	PPIF	peptidylprolyl isomerase F	-1,1
12833644	513510	GTF2H1	general transcription factor IIH, polypeptide 1, 62kDa	-1,1
12860942	533297	CSDA	cold shock domain protein A	-1,1
12815240	282196	CORO1A	coronin, actin binding protein, 1A	-1,1
12812658	515570	LOC515570	NOMO3-like protein	-1,1
12780499	338071	SSB	Sjogren syndrome antigen B (autoantigen La)	-1,1
12904224	516074	LOC516074	similar to nucleoporin 62	-1,1
12796734	540067	EPM2AIP1	EPM2A (laforin) interacting protein 1	-1,1
12706648	530757	SULT6B1	sulfotransferase family, cytosolic, 6B, member 1	-1,1
12887707	614592	LOC614592	similar to olfactory receptor Olr1414	-1,1
12901148	539761	PLAGL1	pleiomorphic adenoma gene-like 1	-1,1
12827793	282573	KCNMA1	potassium large conductance calcium-activated channel, subfamily M, alpha member 1	-1,1
12783710	539513	TANK	TRAF family member-associated NFkB activator	-1,1
12883618	493643	HSD17B4	hydroxysteroid (17-beta) dehydrogenase 4	-1,1
12818104	540682	PHKG1	phosphorylase kinase, gamma 1 (muscle)	-1,1
12799441	524692	DOCK3	dedicator of cytokinesis 3	-1,1
12715587	522091	ASXL1	additional sex combs like 1 (Drosophila)	-1,1
12890230	513668	COL27A1	collagen, type XXVII, alpha 1	-1,1
12865465	511407	NR2C1	nuclear receptor subfamily 2, group C, member 1	-1,1
12733254	540475	CUGBP1	CUG triplet repeat, RNA binding protein 1	-1,1
12885268	513167	GLT25D1	glycosyltransferase 25 domain containing 1	-1,1
12711686	510187	MGC155285	Uncharacterized protein C13orf33 homolog	-1,1
12778525	539494	SLC25A12	solute carrier family 25 (mitochondrial carrier, Aralar), member 12	-1,1
12740749	540268	LOC540268	hypothetical LOC540268	-1,1
12910177	615572	MID1IP1	MID1 interacting protein 1 (gastrulation specific G12 homolog (zebrafish))	-1,1
12882864	100336072	LOC100336072	proto-oncogene vav-like	-1,1
12910573	785085	LOC785085	similar to Transcription initiation factor TFIID subunit 1 (Transcription initiation factor TFIID 250 kDa subunit) (TAF(II)250) (TAFII-250) (TAFII250) (TBP-associated factor 250 kDa) (p250) (Cell cycle gene 1 protein)	-1,1
12727788	513478	IL10RA	interleukin 10 receptor, alpha	-1,1
12719690	518159	FITM2	fat storage-inducing transmembrane protein 2	-1,1
12845367	523311	GPX7	glutathione peroxidase 7	-1,1
12865117	509493	MGC143392	spexin	-1,1
12747931	613396	TMEM192	transmembrane protein 192	-1,1
12883353	286845	SLC12A2	solute carrier family 12 (sodium/potassium/chloride transporters), member 2	-1,1

12775611	507155	NOP58	NOP58 ribonucleoprotein homolog (yeast)	-1,1
12732861	534287	FBXO3	F-box protein 3	-1,1
12725938	540256	ZNF623	zinc finger protein 623	-1,1
12730775	281563	UCP3	uncoupling protein 3 (mitochondrial, proton carrier)	-1,1
12902832	281188	GDI1	GDP dissociation inhibitor 1	-1,1
12730163	781807	LOC781807	similar to axin interaction partner and dorsalization antagonist	-1,1
12903130	404149	CASK	calcium/calmodulin-dependent serine protein kinase (MAGUK family)	-1,1
12731765	511623	LOC511623	similar to olfactory receptor 1029	-1,1
12839086	523789	LRR1Q3	leucine-rich repeats and IQ motif containing 3	-1,1
12840307	537201	JAK1	Janus kinase 1	-1,1
12809206	282241	GALNT1	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylglucosaminyltransferase 1 (GalNAc-T1)	-1,1
12733736	618091	LOC618091	similar to olfactory receptor 1025	-1,1
12747878	540488	SMAD1	SMAD family member 1	-1,1
12885849	523285	ARRDC2	arrestin domain containing 2	-1,1
12724748	509788	MTDH	metadherin	-1,1
12744381	613859	SLC10A7	solute carrier family 10 (sodium/bile acid cotransporter family), member 7	-1,1
12854747	524650	LOC524650	similar to EF hand calcium binding domain 1	-1,1
12681981	539869	DCUN1D1	DCN1, defective in cullin neddylation 1, domain containing 1 (<i>S. cerevisiae</i>)	-1,1
12744348	613439	ELF2	E74-like factor 2 (ets domain transcription factor)	-1,1
12866032	514951	RBM9	RNA binding motif protein 9	-1,1
12715145	514978	LOC514978	similar to lipopolysaccharide binding protein	-1,1
12751471	513710	CPT1C	carnitine palmitoyltransferase 1C	-1,1
12700140	515816	NEK6	NIMA (never in mitosis gene a)-related kinase 6	-1,1
12825144	514428	PPP1R3B	protein phosphatase 1, regulatory (inhibitor) subunit 3B	-1,1
12728090	515682	TP53I11	tumor protein p53 inducible protein 11	-1,1
12823996	514634	CLDN23	claudin 23	-1,1
12728082	515665	TMEM9B	TMEM9 domain family, member B	-1,1
12757388	515809	GALNS	galactosamine (N-acetyl)-6-sulfate sulfatase	-1,1
12687228	784133	RAP2B	RAP2B, member of RAS oncogene family	-1,1
12823642	505061	WRN	Werner syndrome	-1,1
12824828	282068	SFRP1	secreted frizzled-related protein 1	-1,1
12858349	506903	GALNT6	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylglucosaminyltransferase 6 (GalNAc-T6)	-1,1
12692755	788764	LOC788764	similar to olfactory receptor 1306	-1,1
12785958	527467	GFM2	G elongation factor, mitochondrial 2	-1,1
12698060	100296197	LOC100296197	similar to small nuclear ribonucleoprotein polypeptide E	-1,1
12690393	532366	ADAM21	ADAM metallopeptidase domain 21	-1,1
12880946	538219	ARHGAP26	Rho GTPase activating protein 26	-1,1
12837523	509786	BCL2L15	BCL2-like 15	-1,1
12887765	615512	CCNH	cyclin H	-1,1
12781501	513771	GORASP2	golgi reassembly stacking protein 2, 55kDa	-1,1
12697199	616058	SNAPC5	small nuclear RNA activating complex, polypeptide 5, 19kDa	-1,1
12704097	287012	COX5B	cytochrome c oxidase subunit Vb	-1,1
12686354	539679	KPNA1	karyopherin alpha 1 (importin alpha 5)	-1,1
12757096	513150	LYPD3	LY6/PLAUR domain containing 3	-1,1
12807195	789017	LOC789017	similar to RAS-responsive element-binding protein 1 (RREB-1) (Raf-responsive zinc finger protein LZ321) (Zinc finger motif-enhancer binding-protein 1) (Zep-1) (Finger protein in nuclear bodies)	-1,1
12700468	519260	RABGAP1	RAB GTPase activating protein 1	-1,1
12687580	100137993	LOC100137993	similar to Uncharacterized protein C14orf45	-1,1

12901117	538619	HEY2	hairy/enhancer-of-split related with YRPW motif 2	-1,1
12697637	784214	LOC784214	similar to olfactory receptor, family 11, subfamily G, member 2	-1,1
12743283	528013	SMTN	smoothelin	-1,1
12892762	282123	vldlr	very low density lipoprotein receptor	-1,1
12684298	510872	NCBP2	nuclear cap binding protein subunit 2, 20kDa	-1,1
12823269	784522	LOC784522	similar to zinc finger protein 322A	-1,1
12712290	530703	ATP12A	ATPase, H ⁺ /K ⁺ transporting, nongastric, alpha polypeptide	-1,1
12875969	767993	SPINK2	serine peptidase inhibitor, Kazal type 2 (acrosin-trypsin inhibitor)	-1,1
12903835	512780	ARL13A	ADP-ribosylation factor-like 13A	-1,1
12844606	513451	SFRS11	splicing factor, arginine/serine-rich 11	-1,1
12722249	511392	TGS1	trimethylguanosine synthase homolog (S. cerevisiae)	-1,1
12726584	100337457	LOC100337457	solute carrier family 23 member 2-like	-1,1
12825333	533896	DUSP26	dual specificity phosphatase 26 (putative)	-1,1
12885943	525278	APBB3	amyloid beta (A4) precursor protein-binding, family B, member 3	-1,1
12838206	513562	FUBP1	far upstream element (FUSE) binding protein 1	-1,1
12700001	514603	40796	septin 10	-1,1
12830430	512305	CCDC15	similar to coiled-coil domain containing 15	-1,1
12806486	539241	BLA-DQB	MHC class II antigen	-1,1
12757931	522965	CLIP3	CAP-GLY domain containing linker protein 3	-1,1
12834671	538904	LOC538904	similar to Density-regulated protein	-1,1
12713417	100313128	MIR2306	microRNA mir-2306	-1,1
12786570	614520	BNIP1	BCL2/adenovirus E1B 19kDa interacting protein 1	-1,1
12831705	540626	FAM118B	family with sequence similarity 118, member B	-1,1
12904452	523444	IL1RAPL2	interleukin 1 receptor accessory protein-like 2	-1,1
12791524	100298308	LOC100298308	hypothetical protein LOC100298308	-1,1
12702031	539152	SUPT7L	suppressor of Ty 7 (S. cerevisiae)-like	-1,1
12755435	100301263	LOC100301263	similar to NLR family, pyrin domain containing 2	-1,1
12771785	534497	PMP22	peripheral myelin protein 22	-1,1
12891722	613930	GNG10	guanine nucleotide binding protein (G protein), gamma 10	-1,1
12909707	538442	MORF4L2	mortality factor 4 like 2	-1,1
12910004	613276	LOC613276	hypothetical LOC613276	-1,1
12719522	516545	C13H20ORF108	chromosome 20 open reading frame 108 ortholog	-1,1
12864163	282641	ATP2B1	ATPase, Ca ⁺⁺ transporting, plasma membrane 1	-1,1
12884862	511198	FAM114A1	family with sequence similarity 114, member A1	-1,1
12900196	514193	FILIP1	filamin A interacting protein 1	-1,1
12684635	514556	RSPH1	radial spoke head 1 homolog (Chlamydomonas)	-1,1
12850226	514891	LOC514891	similar to olfactory receptor OR7-15	-1,1
12741347	767860	LRRN2	leucine rich repeat neuronal 2	-1,1
12709891	525806	LOC525806	similar to KIAA2032 protein	-1,1
12753482	540310	GRLF1	glucocorticoid receptor DNA binding factor 1	-1,1
12895413	616897	C8H9orf21	chromosome 9 open reading frame 21 ortholog	-1,1
12904333	519552	CHM	choroideremia (Rab escort protein 1)	-1,1
12710739	618047	DNAJC15	DnaJ (Hsp40) homolog, subfamily C, member 15	-1,1
12788381	616969	LOC616969	Rho-guanine nucleotide exchange factor	-1,1
12793017	529613	DDX24	DEAD (Asp-Glu-Ala-Asp) box polypeptide 24	-1,1
12684133	508668	RIPK4	receptor-interacting serine-threonine kinase 4	-1,1
12760520	100336105	LOC100336105	proteasome activator subunit 3-like	-1,1
12895762	782274	MGC139169	similar to tumor necrosis factor receptor superfamily, member 10d	-1,1
12773780	791040	MIR22	microRNA mir-22	-1,1
12796617	538425	CTDSPL	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase-like	-1,1
12750642	509625	TERF2IP	telomeric repeat binding factor 2, interacting protein	-1,1

12844048	510322	PRPF3	PRP3 pre-mRNA processing factor 3 homolog (S. cerevisiae)	-1,1
12873221	281564	UGDH	UDP-glucose dehydrogenase	-1,1
12881472	541246	KIF3A	kinesin family member 3A	-1,1
12909234	533823	ARHGEF6	Rac/Cdc42 guanine nucleotide exchange factor (GEF) 6	-1,1
12780349	282521	SERPINE2	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 2	-1,1
12803653	617688	GMDS	GDP-mannose 4,6-dehydratase	-1,1
12829728	504824	NARS2	asparaginyl-tRNA synthetase 2, mitochondrial (putative)	-1,1
12891868	615968	LOC615968	similar to Acrosome formation-associated factor	-1,1
12711207	282532	RASA3	RAS p21 protein activator 3	-1,1
12855304	537171	DGKB	diacylglycerol kinase, beta 90kDa	-1,1
12825300	529373	MYST3	MYST histone acetyltransferase (monocytic leukemia) 3	-1,1
12690936	537136	KLHDC1	kelch domain containing 1	-1,1
12798437	505543	STAB1	stabilin 1	-1,1
12877843	506049	ZCCHC9	zinc finger, CCHC domain containing 9	-1,1
12710854	785769	SPATA13	spermatogenesis associated 13	-1,1
12788917	100337077	LOC100337077	tight junction protein 3-like	-1,1
12844776	514609	SLAMF8	SLAM family member 8	-1,1
12730540	100298704	KDEL2	KDEL (Lys-Asp-Glu-Leu) containing 2	-1,1
12696488	538733	ALKBH1	alkB, alkylation repair homolog 1 (E. coli)	-1,1
12713385	100298513	LOC100298513	hypothetical protein LOC100298513	-1,1
12828911	767998	LRRC18	leucine rich repeat containing 18	-1,1
12679986	511959	ZNF596	zinc finger protein 596	-1,1
12813604	534455	RNF216	ring finger protein 216	-1,1
12907627	507738	THOC2	THO complex 2	-1,1
12783701	539498	LOC539498	similar to JmjC domain-containing protein C2orf60	-1,1
12716965	615030	IL15RA	interleukin 15 receptor, alpha	-1,1
12903320	505687	PLS3	plastin 3 (T isoform)	-1,1
12760490	100313414	MIR2337	microRNA mir-2337	-1,1
12771279	528403	ANKFY1	ankyrin repeat and FYVE domain containing 1	-1,1
12844465	512633	MFS2A	major facilitator superfamily domain containing 2A	-1,1
12856735	280958	VWF	von Willebrand factor	-1,1
12867705	538579	RIMKLB	ribosomal modification protein rimK-like family member B	-1,1
12778571	539873	ZEB2	zinc finger E-box binding homeobox 2	-1,1
12780562	407168	USP37	ubiquitin specific peptidase 37	-1,1
12751673	514902	VASP	vasodilator-stimulated phosphoprotein	-1,1
12885789	521829	YIPF5	Yip1 domain family, member 5	-1,1
12732462	525093	MRE11A	MRE11 meiotic recombination 11 homolog A (S. cerevisiae)	-1,1
12805505	513601	SNRNP48	small nuclear ribonucleoprotein 48kDa (U11/U12)	-1,1
12857312	282859	CBY1	chibby homolog 1 (Drosophila)	-1,1
12845308	522474	TCTEX1D1	Tctex1 domain containing 1	-1,1
12869416	788298	LOC788298	similar to olfactory receptor MOR109-1	-1,1
12691189	539663	MUDENG	MU-2/AP1M2 domain containing, death-inducing	-1,1
12877283	327718	COX7C	cytochrome c oxidase subunit VIIc	-1,1
12777356	529245	ORC4L	origin recognition complex, subunit 4-like (yeast)	-1,1
12883154	281247	IL13	interleukin 13	-1,1
12710966	100140931	LOC100140931	similar to pol protein	-1,1
12758422	532421	ZNF567	zinc finger protein 567	-1,1
12749044	100335905	LOC100335905	immunoglobulin-like transcript 8-like	-1,1
12751504	513942	ZFP1	zinc finger protein 1 homolog (mouse)	-1,1
12837840	511612	40788	septin 2	-1,1
12853453	505502	FOXP2	forkhead box P2	-1,1
12778430	538614	IWS1	IWS1 homolog (S. cerevisiae)	-1,1
12758715	536553	AP2S1	adaptor-related protein complex 2, sigma 1 subunit	-1,1

12846319	533918	SH3GLB1	SH3-domain GRB2-like endophilin B1	-1,1
12910759	787709	LOC787709	similar to P antigen family, member 3 (prostate associated)	-1,1
12681965	539640	RCAN1	regulator of calcineurin 1	-1,1
12786771	100313070	MIR584-6	microRNA mir-584-6	-1,1
12910545	784572	LOC784572	similar to Family with sequence similarity 48, member A	-1,1
12686720	614554	TBC1D5	TBC1 domain family, member 5	-1,1
12706587	528839	MAPRE3	microtubule-associated protein, RP/EB family, member 3	-1,1
12749796	503555	FCAR	Fc fragment of IgA, receptor for	-1,1
12692480	784957	LOC784957	similar to olfactory receptor MOR245-21	-1,1
12693610	286797	COL4A3BP	collagen, type IV, alpha 3 (Goodpasture antigen) binding protein	-1,1
12691120	539052	EIF3J	eukaryotic translation initiation factor 3, subunit J	-1,1
12809783	516106	TSHZ1	teashirt zinc finger homeobox 1	-1,1
12764504	534705	TLK2	tousled-like kinase 2	-1,1
12680337	514520	DOPEY2	dopey family member 2	-1,1
12731727	511121	LOC511121	similar to Ubiquitin carboxyl-terminal hydrolase 47 (Ubiquitin thioesterase 47) (Ubiquitin-specific-processing protease 47) (Deubiquitinating enzyme 47)	-1,1
12869428	788438	LOC788438	similar to olfactory receptor MOR210-4	-1,1
12802523	527153	UBR2	ubiquitin protein ligase E3 component n-recognin 2	-1,1
12867957	540107	PACSIN2	protein kinase C and casein kinase substrate in neurons 2	-1,1
12717675	100113474	DEFB119	defensin, beta 119	-1,1
12792149	508867	AP3S2	adaptor-related protein complex 3, sigma 2 subunit	-1,1
12847867	768060	RNPC3	RNA-binding region (RNP1, RRM) containing 3	-1,1
12701552	535182	MDH1	malate dehydrogenase 1, NAD (soluble)	-1,1
12682559	618048	CAPN7	calpain 7	-1,1
12827256	783572	ADK	adenosine kinase	-1,1
12908375	515550	GRIPAP1	GRIP1 associated protein 1	-1,1
12801285	497622	hfe	hemochromatosis	-1,1
12702548	614455	RETSAT	retinol saturase (all-trans-retinol 13,14-reductase)	-1,1
12820751	539889	LOC539889	similar to inositol polyphosphate-5-phosphatase F	-1,1
12839230	526125	GON4L	gon-4-like (C. elegans)	-1,1
12693316	100336733	LOC100336733	hypothetical protein LOC100336733	-1,1
12790112	516477	WDR20	WD repeat domain 20	-1,1
12910200	615596	TSPAN7	tetraspanin 7	-1,1
12742060	282469	SEC14L2	SEC14-like 2 (S. cerevisiae)	-1,1
12777819	534057	LOC534057	similar to CBF1 interacting corepressor	-1,1
12864423	407130	PPFIBP1	PTPRF interacting protein, binding protein 1 (liprin beta 1)	-1,1
12710173	534185	MRPS31	mitochondrial ribosomal protein S31	-1,1
12866727	525136	WDR51B	WD repeat domain 51B	-1,1
12879169	515337	LOC515337	similar to Protocadherin beta 12 precursor (PCDH-beta12)	-1,1
12769448	510838	TUBD1	tubulin, delta 1	-1,1
12808014	524456	SLC39A6	solute carrier family 39 (zinc transporter), member 6	-1,1
12780724	505794	KBTBD10	kelch repeat and BTB (POZ) domain containing 10	-1,1
12706499	528142	PSME4	proteasome (prosome, macropain) activator subunit 4	-1,1
12703820	281172	FSHR	follicle stimulating hormone receptor	-1,1
12792342	512324	SETD3	SET domain containing 3	-1,1
12694637	512980	LOC512980	similar to T-cell receptor alpha chain	-1,1
12732595	529873	CADM1	cell adhesion molecule 1	-1,1
12817971	538719	ERI2	ERI1 exoribonuclease family member 2	-1,1
12700172	516155	LOC516155	similar to Mannosyl-oligosaccharide glucosidase (Processing A-glucosidase I)	-1,1
12694736	514402	ZFYVE26	zinc finger, FYVE domain containing 26	-1,1
12762860	511671	CXCL16	chemokine (C-X-C motif) ligand 16	-1,1

12710958	100140477	KLF12	Kruppel-like factor 12	-1,1
12763039	512933	LOC512933	similar to Uncharacterized protein KIAA0753	-1,1
12848874	281184	ASZ1	ankyrin repeat, SAM and basic leucine zipper domain containing 1	-1,1
12868993	781439	LOC781439	hypothetical protein LOC781439	-1,1
12708443	780856	YPEL5	yippee-like 5 (Drosophila)	-1,1
12796365	534029	IP6K1	inositol hexakisphosphate kinase 1	-1,1
12707007	534284	SETX	senataxin	-1,1
12745541	338038	ATP6V0A2	ATPase, H ⁺ transporting, lysosomal V0 subunit a2	-1,1
12814618	788534	MLXIPL	MLX interacting protein-like	-1,1
12827210	781199	KIAA1383	hypothetical protein LOC781199	-1,1
12903084	338325	XIST	X (inactive)-specific transcript	-1,1
12865627	512613	CDKN1B	cyclin-dependent kinase inhibitor 1B (p27, Kip1)	-1,1
12703296	787272	LOC787272	similar to forkhead box I2	-1,1
12864472	504512	ETV6	ets variant 6	-1,1
12697798	786802	LOC786802	similar to T-cell receptor alpha chain	-1,1
12709658	513848	ABHD13	abhydrolase domain containing 13	-1,1
12896076	789766	LOC789766	similar to olfactory receptor MOR262-6	-1,1
12698277	100337107	LOC100337107	Oseg4-like	-1,1
12688699	508617	MGC127874	hypothetical LOC508617	-1,1
12901201	540885	IBTK	inhibitor of Bruton agammaglobulinemia tyrosine kinase	-1,1
12897316	517451	ZDHC14	zinc finger, DHHC-type containing 14	-1,1
12731524	508595	LOC508595	similar to olfactory receptor Olr69	-1,1
12892938	506005	LOC506005	similar to KIAA1432	-1,1
12795759	515903	FOXP1	forkhead box P1	-1,1
12679202	506426	CRYZL1	crystallin, zeta (quinone reductase)-like 1	-1,1
12878875	512719	SH3GL1	SH3-domain GRB2-like 1	-1,1
12821375	281073	CHUK	conserved helix-loop-helix ubiquitous kinase	-1,1
12769340	510317	LOC510317	similar to Uncharacterized protein C17orf85 (Protein ELG)	-1,1
12907779	509589	FRMPD4	FERM and PDZ domain containing 4	-1,1
12829250	100336679	LOC100336679	Anoctamin 9-like	-1,1
12905600	613549	VGLL1	vestigial like 1 (Drosophila)	-1,1
12791482	100139785	LOC100139785	similar to modulator of apoptosis 1	-1,1
12717063	617347	OLAH	oleoyl-ACP hydrolase	-1,1
12884939	511642	LOC511642	similar to Olfactory receptor 18 (Olfactory receptor 145-1) (Olfactory receptor TPCR34)	-1,1
12836799	505843	LOC505843	hypothetical protein LOC505843	-1,1
12890207	513326	RNF20	ring finger protein 20	-1,1
12896360	100336507	LOC100336507	trace amine associated receptor 8-like	-1,1
12878828	512207	UBE2B	ubiquitin-conjugating enzyme E2B (RAD6 homolog)	-1,1
12900979	535530	FOXO3	forkhead box O3	-1,1
12793812	617313	GZMH	granzyme H (cathepsin G-like 2, protein h-CCPX)	-1,1
12837513	509775	TMEM59	transmembrane protein 59	-1,1
12804841	504727	RIPK1	receptor (TNFRSF)-interacting serine-threonine kinase 1	-1,1
12890725	525027	PINX1	PIN2-interacting protein 1	-1,1
12885162	512898	DDA1	DET1 and DDB1 associated 1	-1,1
12683438	282257	IFNAR1	interferon, alpha; receptor	-1,1
12904044	514741	TSPAN6	tetraspanin 6	-1,1
12897060	511408	RNGTT	RNA guanylyltransferase and 5'-phosphatase	-1,1
12700837	524908	TTC27	tetratricopeptide repeat domain 27	-1,1
12778135	536380	ACVR1C	activin A receptor, type IC	-1,1
12837643	510406	LOC510406	similar to cytochrome P450, family 2, subfamily J	-1,1
12795797	517392	LOC517392	similar to testis specific serine protease 4	-1,1
12903495	507924	LAS1L	LAS1-like (S. cerevisiae)	-1,1
12845797	528926	LY9	lymphocyte antigen 9	-1,1
12835816	281124	DPYD	dihydropyrimidine dehydrogenase	-1,1

12909814	539895	NHS	Nance-Horan syndrome (congenital cataracts and dental anomalies)	-1,1
12709330	508632	COL4A2	collagen, type IV, alpha 2	-1,1
12698147	100299402	LOC100299402	similar to transmembrane protein 203	-1,1
12754903	789960	ZNF154	zinc finger protein 154	-1,1
12707543	540281	MGC142792	similar to Lims E protein	-1,1
12745962	506764	RNF34	ring finger protein 34	-1,1
12763990	528033	CRLF3	cytokine receptor-like factor 3	-1,1
12755053	100125315	TEAD2	TEA domain family member 2	-1,1
12840121	535312	PIAS3	protein inhibitor of activated STAT, 3	-1,1
12837552	509960	MTF1	metal-regulatory transcription factor 1	-1,1
12684989	520166	GABRR3	gamma-aminobutyric acid (GABA) receptor, rho 3	-1,1
12824808	281768	FGFR1	fibroblast growth factor receptor 1	-1,1
12769776	511955	SLC43A2	solute carrier family 43, member 2	-1,1
12712472	534594	TGDS	TDP-glucose 4,6-dehydratase	-1,1
12860149	521189	SLC11A2	solute carrier family 11 (proton-coupled divalent metal ion transporters), member 2	-1,1
12842541	100337451	LOC100337451	Yip1 domain family, member 1-like	-1,1
12754684	786534	SNTB2	syntrophin, beta 2 (dystrophin-associated protein A1, 59kDa, basic component 2)	-1,1
12690032	526331	GALNTL1	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase-like 1	-1,1
12846568	536020	CACHD1	cache domain containing 1	-1,1
12725367	519918	GRHL2	grainyhead-like 2 (Drosophila)	-1,1
12791232	617443	MGC152353	hypothetical LOC617443	-1,1
12803746	767817	CDC5L	CDC5 cell division cycle 5-like (S. pombe)	-1,1
12828246	524184	ECD	ecdysoneless homolog (Drosophila)	-1,1
12697751	785877	LOC785877	similar to olfactory receptor C6	-1,1
12750040	505351	NUCB1	nucleobindin 1	-1,1
12709032	281897	LAMP1	lysosomal-associated membrane protein 1	-1,1
12727332	508759	DCUN1D5	DCN1, defective in cullin neddylation 1, domain containing 5 (S. cerevisiae)	-1,1
12852728	100313105	MIR29B-1	microRNA mir-29b-1	-1,1
12857622	407181	KLRB1	killer cell lectin-like receptor subfamily B, member 1	-1,1
12846912	539519	MLLT11	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 11	-1,1
12790384	525916	BTBD1	BTB (POZ) domain containing 1	-1,1
12906577	100313023	MIR224	microRNA mir-224	-1,1
12699013	505073	BAT2L1	HLA-B associated transcript 2-like 1	-1,1
12818390	618296	POLR3K	polymerase (RNA) III (DNA directed) polypeptide K, 12.3 kDa	-1,1
12855191	535496	PNPLA8	patatin-like phospholipase domain containing 8	-1,1
12725341	516516	TRMT12	tRNA methyltransferase 12 homolog (S. cerevisiae)	-1,1
12863765	100336737	LOC100336737	ceramide kinase-like	-1,1
12903414	506754	RRAGB	Ras-related GTP binding B	-1,1
12835617	100313201	MIR2414	microRNA mir-2414	-1,1
12795816	518601	ARF4	ADP-ribosylation factor 4	-1,1
12798897	511453	SPCS1	signal peptidase complex subunit 1 homolog (S. cerevisiae)	-1,1
12741167	616002	CD46	CD46 molecule, complement regulatory protein	-1,1
12710621	616037	ZAR1L	zygote arrest 1-like	-1,1
12804275	100313423	MIR2376	microRNA mir-2376	-1,1
12841951	788596	GNG11	guanine nucleotide binding protein (G protein), gamma 11	-1,1
12869552	100295382	LOC100295382	hypothetical protein LOC100295382	-1,1
12680082	512800	DZIP1L	DAZ interacting protein 1-like	-1,1
12741677	100140756	ZNF10	zinc finger protein 10	-1,1
12779627	781943	LOC781943	similar to 40S ribosomal protein S26	-1,1
12892351	100295005	LOC100295005	similar to nuclear pore membrane protein 121	-1,1

12882406	787932	LOC787932	similar to olfactory receptor Olfr314	-1,1
12892173	785924	ROR2	receptor tyrosine kinase-like orphan receptor 2	-1,1
12881730	615182	DTD1	D-tyrosyl-tRNA deacylase 1 homolog (S. cerevisiae)	-1,1
12799743	533402	CNTN6	contactin 6	-1,1
12771802	534582	NFE2L1	nuclear factor (erythroid-derived 2)-like 1	-1,1
12863459	100140629	HOXC5	homeobox C5	-1,1
12874432	518874	SEPSECS	Sep (O-phosphoserine) tRNA:Sec (selenocysteine) tRNA synthase	-1,1
12796448	534928	PFKFB4	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 4	-1,1
12687464	789845	LOC789845	hypothetical LOC789845	-1,1
12749277	280857	MIA	melanoma inhibitory activity	-1,1
12825686	100295639	LOC100295639	similar to corticosteroid-induced protein	-1,1
12882603	100125917	RFXANK	regulatory factor X-associated ankyrin-containing protein	-1,1
12822509	526472	LDB1	LIM domain binding 1	-1,1
12729020	534142	SNHG3-RCC1	SNHG3-RCC1 readthrough transcript	-1,1
12775954	509473	NIF3L1	NIF3 NGG1 interacting factor 3-like 1 (S. pombe)	-1,1
12688660	508379	SMOC1	SPARC related modular calcium binding 1	-1,1
12703607	100313020	MIR216B	microRNA mir-216b	-1,1
12734143	100140945	CASP9	caspase 9, apoptosis-related cysteine peptidase	-1,1
12678244	100140787	LOC100140787	similar to KLF3 protein	-1,1
12844091	510652	TNFAIP8L2	tumor necrosis factor, alpha-induced protein 8-like 2	-1,1
12881182	539700	AKAP8L	A kinase (PRKA) anchor protein 8-like	-1,1
12709906	526052	TPP2	tripeptidyl peptidase II	-1,1
12749003	100301026	NLRP2	NLR family, pyrin domain containing 2	-1,1
12833790	515216	AP2A2	adaptor-related protein complex 2, alpha 2 subunit	-1,1
12867488	536213	CHKB	choline kinase beta	-1,1
12790598	533445	ARNT2	aryl-hydrocarbon receptor nuclear translocator 2	-1,1
12851272	536417	SEMA3D	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3D	-1,1
12901461	767901	RNF146	ring finger protein 146	-1,1
12866902	532393	NTF3	neurotrophin 3	-1,1
12868226	541130	UBE2N	ubiquitin-conjugating enzyme E2N (UBC13 homolog, yeast)	-1,1
12792907	527607	EFTUD1	elongation factor Tu GTP binding domain containing 1	-1,1
12828917	768051	ZNF22	zinc finger protein 22 (KOX 15)	-1,1
12707497	539715	CNRIP1	cannabinoid receptor interacting protein 1	-1,1
12904860	533337	TMEM35	transmembrane protein 35	-1,1
12832033	618810	PHLDA2	pleckstrin homology-like domain, family A, member 2	-1,1
12866943	532871	FOXRED2	FAD-dependent oxidoreductase domain containing 2	-1,1
12865365	510651	LOC510651	hypothetical LOC510651	-1,1
12778619	540245	NR4A2	nuclear receptor subfamily 4, group A, member 2	-1,1
12899908	508619	IFNGR1	interferon gamma receptor 1	-1,1
12715082	514445	UBOX5	U-box domain containing 5	-1,1
12803975	786262	ZFP57	zinc finger protein 57 homolog (mouse)	-1,1
12899105	787062	LOC787062	similar to chromosome 6 open reading frame 97	-1,1
12754130	618204	SCN1B	sodium channel, voltage-gated, type I, beta	-1,1
12840087	535066	ELTD1	EGF, latrophilin and seven transmembrane domain containing 1	-1,1
12779096	614176	CCDC148	coiled-coil domain containing 148	-1,1
12680069	512781	ARL13B	ADP-ribosylation factor-like 13B	-1,1
12887657	613956	LOC613956	similar to Chaperonin containing TCP1, subunit 8 (theta)	-1,1
12867907	539661	MGAT4C	mannosyl (alpha-1,3-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase, isozyme C (putative)	-1,1
12710062	532698	LOC532698	hypothetical protein LOC532698	-1,1
12896514	100337072	LOC100337072	estrogen receptor-like	-1,1
12763805	524868	MED13	mediator complex subunit 13	-1,1

12717155	617917	AKR1C3	aldo-keto reductase family 1, member C3 (3-alpha hydroxysteroid dehydrogenase, type II)	-1,1
12709983	529186	CLN5	ceroid-lipofuscinosis, neuronal 5	-1,1
12878036	507084	THG1L	tRNA-histidine guanylyltransferase 1-like (<i>S. cerevisiae</i>)	-1,1
12910670	785820	ZNF280C	zinc finger protein 280C	-1,1
12731643	510125	LIN7C	lin-7 homolog C (<i>C. elegans</i>)	-1,1
12792226	510524	CTSH	cathepsin H	-1,1
12759980	787862	FHOD1	formin homology 2 domain containing 1	-1,1
12797497	785016	DUSP7	dual specificity phosphatase 7	-1,1
12720105	527351	LRRN4	leucine rich repeat neuronal 4	-1,1
12757026	512749	CCDC123	coiled-coil domain containing 123	-1,1
12790177	518504	SIN3A	SIN3 homolog A, transcription regulator (yeast)	-1,1
12900759	529052	LOC529052	similar to F55A4.8a	-1,1
12697077	614252	RASL12	RAS-like, family 12	-1,1
12689183	513582	LOC513582	similar to Olfactory receptor 4K13 (Olfactory receptor OR14-27)	-1,1
12680894	522055	TMPRSS7	transmembrane protease, serine 7	-1,1
12808163	532505	ZADH2	zinc binding alcohol dehydrogenase domain containing 2	-1,1
12786119	534329	ARL15	ADP-ribosylation factor-like 15	-1,1
12848486	100295719	LOC100295719	hypothetical protein LOC100295719	-1,1
12836254	407239	USF1	upstream transcription factor 1	-1,1
12765132	540689	SPAG9	sperm associated antigen 9	-1,1
12796793	540924	CRTAP	cartilage associated protein	-1,1
12730969	282866	SPON1	spondin 1, extracellular matrix protein	-1,1
12794125	100138671	LOC100138671	hypothetical protein LOC100138671	-1,1
12790070	515609	WDR93	WD repeat domain 93	-1,1
12741155	615965	TATDN3	TatD DNase domain containing 3	-1,1
12817252	524854	THUMPD1	THUMP domain containing 1	-1,1
12703045	767889	ACYP2	acylphosphatase 2, muscle type	-1,1
12882772	100299445	LOC100299445	similar to Protein Tyrosine Phosphatase family member (ptp-1)	-1,1
12679288	507206	MGC152111	hypothetical LOC507206	-1,1
12869759	100337165	LOC100337165	T-cell activation Rho GTPase-activating protein-like	-1,1
12829510	282883	CTSD	cathepsin D	-1,1
12804108	100139154	XPO5	exportin 5	-1,1
12682607	767936	P2RY14	purinergic receptor P2Y, G-protein coupled, 14	-1,1
12816811	515687	GUSB	glucuronidase, beta	-1,1
12826742	537376	RYR2	ryanodine receptor 2 (cardiac)	-1,1
12906678	100336641	LOC100336641	hypothetical protein LOC100336641	-1,1
12893753	514036	GFRA2	GDNF family receptor alpha 2	-1,1
12887753	615271	LOC615271	similar to heterogeneous nuclear ribonucleoprotein A3	-1,1
12769638	511449	NT5C3L	5'-nucleotidase, cytosolic III-like	-1,1
12870826	511424	LOC511424	hypothetical protein LOC511424	-1,1
12715771	525199	GZF1	GDNF-inducible zinc finger protein 1	-1,1
12834985	616789	TMEM218	transmembrane protein 218	-1,1
12908657	520974	MED12	mediator complex subunit 12	-1,1
12769480	511007	FBXL20	F-box and leucine-rich repeat protein 20	-1,1
12717824	100296787	LOC100296787	hypothetical protein LOC100296787	-1,1
12791339	784070	LOC784070	similar to Hepatoma-derived growth factor-related protein 3 (HRP-3) (Hepatoma-derived growth factor 2)	-1,1
12843357	505641	POLR3GL	polymerase (RNA) III (DNA directed) polypeptide G (32kD)-like	-1,1
12721150	768242	ABHD12	abhydrolase domain containing 12	-1,1
12853779	510158	HIPK2	homeodomain interacting protein kinase 2	-1,1
12844337	512233	HIPK1	homeodomain interacting protein kinase 1	-1,1
12681972	539764	RAB5A	RAB5A, member RAS oncogene family	-1,1
12876951	281605	ADRB2	adrenergic, beta-2-, receptor, surface	-1,1

12684564	514170	CSTB	cystatin B (stefin B)	-1,1
12699857	513531	ITGB1BP1	integrin beta 1 binding protein 1	-1,1
12803613	617105	EEF1E1	eukaryotic translation elongation factor 1 epsilon 1	-1,1
12803945	785397	LOC785397	similar to Olfactory receptor 110	-1,1
12872474	615967	PCGF3	polycomb group ring finger 3	-1,1
12874104	512489	GRK4	G protein-coupled receptor kinase 4	-1,1
12785383	509221	DAB2	disabled homolog 2, mitogen-responsive phosphoprotein (Drosophila)	-1,1
12876645	100337166	LOC100337166	protocadherin gamma subfamily B, 5-like	-1,1
12806493	539270	ABT1	activator of basal transcription 1	-1,1
12747376	533251	RANBP1	RAN binding protein 1	-1,1
12890143	512609	C8H9ORF46	chromosome 9 open reading frame 46 ortholog	-1,1
12806187	533677	STK38	serine/threonine kinase 38	-1,1
12787792	526343	UTP15	UTP15, U3 small nucleolar ribonucleoprotein, homolog (S. cerevisiae)	-1,1
12679954	511799	LEPREL1	leprecan-like 1	-1,1
12760044	789183	LOC789183	similar to hCG1980844	-1,1
12872290	613723	PPBP	pro-platelet basic protein (chemokine (C-X-C motif) ligand 7)	-1,1
12846773	538742	MIER1	mesoderm induction early response 1 homolog (Xenopus laevis)	-1,1
12788872	100335527	LOC100335527	hypothetical protein LOC100335527	-1,1
12784709	786829	SNRPD1	similar to mCG14669	-1,1
12733781	768315	LOC768315	hypothetical protein LOC768315	-1,1
12847976	782446	DIO1	deiodinase, iodothyronine, type I	-1,1
12787292	511108	LOC511108	hypothetical protein LOC511108	-1,1
12683966	507243	CLIC6	chloride intracellular channel 6	-1,1
12847061	540756	NGEF	neuronal guanine nucleotide exchange factor	-1,1
12880959	538276	LOC538276	similar to Janus kinase 3	-1,1
12761367	404181	RPS6KB1	ribosomal protein S6 kinase, 70kDa, polypeptide 1	-1,1
12902098	282480	SLC25A6	solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 6	-1,1
12861802	539763	PARP11	poly (ADP-ribose) polymerase family, member 11	-1,1
12779093	613815	TMEM37	transmembrane protein 37	-1,1
12854043	513185	PARP12	poly (ADP-ribose) polymerase family, member 12	-1,1
12758299	529375	RASGRP4	RAS guanyl releasing protein 4	-1,1
12763768	523867	FADS6	fatty acid desaturase domain family, member 6	-1,1
12795561	514514	SLC26A6	solute carrier family 26, member 6	-1,1
12727259	508330	MLL	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila)	-1,1
12886534	533171	TRIP10	thyroid hormone receptor interactor 10	-1,1
12729444	538968	API5	apoptosis inhibitor 5	-1,1
12718044	281793	GNAS	GNAS complex locus	-1,1
12725978	614069	ENY2	enhancer of yellow 2 homolog (Drosophila)	-1,1
12688345	503575	ARHGEF12	Rho guanine nucleotide exchange factor (GEF) 12	-1,1
12713136	788351	USPL1	ubiquitin specific peptidase like 1	-1,1
12909837	539945	ITGB1BP2	integrin beta 1 binding protein (melusin) 2	-1,1
12823868	511615	ODZ1	odz, odd Oz/ten-m homolog 1(Drosophila)	-1,1
12726520	100337015	LOC100337015	Rho guanine nucleotide exchange factor (GEF) 12-like	-1,1
12895849	783470	TLN1	talin 1	-1,1
12682988	100299503	LOC100299503	similar to THO Complex (transcription factor/nuclear export) subunit family member (thoc-2)	-1,1
12806847	617655	C6orf106	hypothetical protein LOC617655	-1,1
12850948	531516	GIMAP8	GTPase, IMAP family member 8	-1,1
12818749	100295193	LOC100295193	hypothetical protein LOC100295193	-1,1
12808817	784587	KCTD1	potassium channel tetramerisation domain containing 1	-1,1
12741879	100337294	LOC100337294	anaphase promoting complex subunit 7-like	-1,1
12889846	508488	GALNT12	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetyl-galactosaminyltransferase 12 (GalNAc-T12)	-1,1

12907732	509044	LOC509044	similar to E2F6 splice	-1,1
12863817	100336831	LOC100336831	c-Mpl binding protein-like	-1,1
12840540	538835	ARHGAP30	Rho GTPase activating protein 30	-1,1
12809603	512626	CNDP2	CNDP dipeptidase 2 (metallopeptidase M20 family)	-1,1
12902411	100297302	LOC100297302	similar to chromosome 1 open reading frame 21	-1,1
12787087	493725	DDX4	DEAD (Asp-Glu-Ala-Asp) box polypeptide 4	-1,1
12823799	511080	CCDC111	coiled-coil domain containing 111	-1,1
12770956	521074	KRT27	keratin 27	-1,1
12866853	531211	FBXL14	F-box and leucine-rich repeat protein 14	-1,1
12787027	326285	FGF10	fibroblast growth factor 10	-1,1
12758260	528744	PAF1	Paf1, RNA polymerase II associated factor, homolog (S. cerevisiae)	-1,1
12804627	282493	BOLA-DOB	major histocompatibility complex, class II, DO beta	-1,1
12894559	533020	CBR4	carbonyl reductase 4	-1,1
12882556	790996	MIR145	microRNA mir-145	-1,1
12892265	789977	LOC789977	hypothetical LOC789977	-1,1
12902554	100313250	MIR2488	microRNA mir-2488	-1,1
12707288	538533	TIA1	TIA1 cytotoxic granule-associated RNA binding protein	-1,1
12887454	540844	SLC36A3	solute carrier family 36 (proton/amino acid symporter), member 3	-1,1
12787115	504397	CWC27	CWC27 spliceosome-associated protein homolog (S. cerevisiae)	-1,1
12845122	519731	TYW3	tRNA-yW synthesizing protein 3 homolog (S. cerevisiae)	-1,1
12782792	532997	KDM1A	lysine (K)-specific demethylase 1A	-1,1
12899170	100296298	LOC100296298	similar to neural precursor cell expressed, developmentally down-regulated 8	-1,1
12882664	100139419	LOC100139419	similar to eukaryotic translation elongation factor 1 alpha 1	-1,1
12793156	533136	UBE3A	ubiquitin protein ligase E3A	-1,1
12869148	783110	LYRM5	LYR motif containing 5	-1,1
12770990	521959	HS3ST3A1	heparan sulfate (glucosamine) 3-O-sulfotransferase 3A1	-1,1
12698068	100296786	LOC100296786	similar to immediate early response 3 interacting protein 1	-1,1
12739508	514510	DNAJC16	DnaJ (Hsp40) homolog, subfamily C, member 16	-1,1
12910070	614007	SH3BGR1	SH3 domain binding glutamic acid-rich protein like	-1,1
12895744	782201	GNE	glucosamine (UDP-N-acetyl)-2-epimerase/N-acetylmannosamine kinase	-1,1
12726396	100294956	LOC100294956	similar to olfactory receptor 1264	-1,1
12702793	616899	LOC616899	hypothetical protein LOC616899	-1,1
12686845	615534	FNDC3B	fibronectin type III domain containing 3B	-1,1
12695615	527810	LOC527810	similar to T-cell receptor delta	-1,1
12693241	100336406	LOC100336406	GMP reductase 1-like	-1,1
12721219	783536	SLC23A2	similar to Solute carrier family 23 member 2 (Sodium-dependent vitamin C transporter 2) (hSVCT2) (Na(+)/L-ascorbic acid transporter 2) (Yolk sac permease-like molecule 2) (Nucleobase transporter-like 1 protein)	-1,1
12764304	532399	NT5C	5', 3'-nucleotidase, cytosolic	-1,1
12887115	538655	FAM193B	family with sequence similarity 193, member B	-1,1
12753254	538539	BLOC1S3	biogenesis of lysosomal organelles complex-1, subunit 3	-1,1
12821028	767880	LOC767880	hypothetical protein LOC767880	-1,1
12689043	511727	LRRC49	leucine rich repeat containing 49	-1,1
12866712	525106	C5H22orf28	chromosome 22 open reading frame 28 ortholog	-1,1
12897048	509820	CD164	CD164 molecule, sialomucin	-1,1
12898204	535163	MDN1	MDN1, midasin homolog (yeast)	-1,1

12718969	511317	TFAP2C	transcription factor AP-2 gamma (activating enhancer binding protein 2 gamma)	-1,1
12880985	538426	DNAJB1	DnaJ (Hsp40) homolog, subfamily B, member 1	-1,1
12813952	615054	CLEC16A	C-type lectin domain family 16, member A	-1,1
12702458	613671	EGFL7	EGF-like-domain, multiple 7	-1,1
12858700	509687	KDELRL3	KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 3	-1,1
12867519	536808	RASSF3	Ras association (RalGDS/AF-6) domain family member 3	-1,1
12784133	614170	DCAF17	DDB1 and CUL4 associated factor 17	-1,1
12902773	100337181	LOC100337181	p21-activated kinase 3-like	-1,1
12708021	615606	LOC615606	similar to Putative adenylate kinase-like protein C9orf98 homolog	-1,1
12761926	506232	WDR45L	WDR45-like	-1,1
12713687	281987	PLCG1	phospholipase C, gamma 1	-1,1
12726690	281157	FDX1	ferredoxin 1	-1,1
12731431	507621	SLC5A12	solute carrier family 5 (sodium/glucose cotransporter), member 12	-1,1
12728681	528309	STK33	serine/threonine kinase 33	-1,1
12857905	505539	HMGXB4	HMG box domain containing 4	-1,1
12694383	509896	ABHD4	abhydrolase domain containing 4	-1,1
12892001	767834	KLHL9	kelch-like 9 (Drosophila)	-1,1
12861583	538675	CALCOCO1	calcium binding and coiled-coil domain 1	-1,1
12753154	537103	ZNF175	zinc finger protein 175	-1,1
12779576	768310	FUSIP1	FUS interacting protein (serine/arginine-rich) 1	-1,1
12797043	616786	TMF1	TATA element modulatory factor 1	-1,1
12742026	282346	SCARB1	scavenger receptor class B, member 1	-1,1
12752493	527517	FFAR3	free fatty acid receptor 3	-1,1
12845452	524645	DCAF6	DDB1 and CUL4 associated factor 6	-1,1
12877926	506374	EPS15L1	epidermal growth factor receptor pathway substrate 15-like 1	-1,1
12864901	507181	GRASP	GRP1 (general receptor for phosphoinositides 1)-associated scaffold protein	-1,1
12905574	613349	DYNLT3	dynein, light chain, Tctex-type 3	-1,1
12682794	784171	LOC784171	similar to chromosome 21 open reading frame 55, isoform 2 (predicted)	-1,1
12703862	281712	CPSF3	cleavage and polyadenylation specific factor 3, 73kDa	-1,1
12771671	533700	DDX5	DEAD (Asp-Glu-Ala-Asp) box polypeptide 5	-1,1
12712130	525624	NBEA	neurobeachin	-1,1
12780680	505012	G6PC2	glucose-6-phosphatase, catalytic, 2	-1,1
12882214	782746	PURA	purine-rich element binding protein A	-1,1
12726906	359715	TRIM21	tripartite motif-containing 21	-1,1
12732292	519803	AMPD3	adenosine monophosphate deaminase (isoform E)	-1,1
12826211	513740	LOC513740	hypothetical LOC513740	-1,1
12866791	528379	LIN7A	lin-7 homolog A (C. elegans)	-1,1
12906626	100336477	LOC100336477	synapsin-1-like	-1,1
12707032	534315	HNRPLL	heterogeneous nuclear ribonucleoprotein L-like	-1,1
12750561	509123	PDCD5	programmed cell death 5	-1,1
12685216	526133	KCNAB1	potassium voltage-gated channel, shaker-related subfamily, beta member 1	-1,1
12862398	615788	CRADD	CASP2 and RIPK1 domain containing adaptor with death domain	-1,1
12832998	504649	SNX19	sorting nexin 19	-1,1
12887915	617033	LOC617033	similar to Olfactory receptor 10H3	-1,1
12832215	788760	EHBP1L1	EH domain binding protein 1-like 1	-1,1
12875026	533664	AP1AR	adaptor-related protein complex 1 associated regulatory protein	-1,1
12689119	512871	FAM96A	family with sequence similarity 96, member A	-1,1
12878274	508716	BSG	basigin	-1,1

12850228	514920	KBTBD2	kelch repeat and BTB (POZ) domain containing 2	-1,1
12777123	524280	NBEAL1	neurobeachin-like 1	-1,1
12882685	100295390	LOC100295390	hypothetical protein LOC100295390	-1,1
12891235	536863	MPDZ	multiple PDZ domain protein	-1,1
12682360	614653	UTS2D	urotensin 2 domain containing	-1,1
12731291	505831	CCDC34	coiled-coil domain containing 34	-1,1
12684414	511579	DPH3	DPH3, KTI11 homolog (S. cerevisiae)	-1,1
12779616	781884	MOBK13	MOB1, Mps One Binder kinase activator-like 3 (yeast)	-1,1
12733582	616520	LOC616520	similar to Pre-mRNA branch site protein p14 (SF3B 14 kDa subunit)	-1,1
12866906	532695	PPHLN1	periphrin 1	-1,1
12766958	280798	GAA	glucosidase, alpha; acid	-1,1
12886046	527165	PDGFRB	platelet-derived growth factor receptor, beta polypeptide	-1,1
12732503	526583	NPAT	nuclear protein, ataxia-telangiectasia locus	-1,1
12805021	506286	ICK	intestinal cell (MAK-like) kinase	-1,1
12785831	523661	CTNND2	catenin (cadherin-associated protein), delta 2 (neural plakophilin-related arm-repeat protein)	-1,1
12733533	615810	LOC615810	similar to olfactory receptor 1018	-1,1
12899172	100296522	LOC100296522	hypothetical protein LOC100296522	-1,1
12790326	525070	TDRD9	tudor domain containing 9	-1,1
12810780	786855	TMEM200C	transmembrane protein 200C	-1,1
12899396	100337123	LOC100337123	R-spondin 3-like	-1,1
12835965	281795	GNAT2	guanine nucleotide binding protein (G protein), alpha transducing activity polypeptide 2	-1,1
12684272	510392	SLC25A36	solute carrier family 25, member 36	-1,1
12856111	782170	TWIST1	twist homolog 1 (Drosophila)	-1,1
12761534	504786	NUP88	nucleoporin 88kDa	-1,1
12774890	407121	NEB	nebulin	-1,1
12901187	540648	BCLAF1	BCL2-associated transcription factor 1	-1,1
12831416	533332	RAB38	RAB38, member RAS oncogene family	-1,1
12902960	282479	SLC25A5	solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 5	-1,1
12896176	100139161	LOC100139161	similar to T-cell lymphoma invasion and metastasis 2	-1,1
12687495	100125317	ERO1L	ERO1-like (S. cerevisiae)	-1,1
12688501	506936	RPUSD2	RNA pseudouridylation synthase domain containing 2	-1,1
12827515	100336802	LOC100336802	protein phosphatase 3, catalytic subunit, beta-like	-1,1
12775662	507516	SCN7A	sodium channel, voltage-gated, type VII, alpha	-1,1
12690585	533922	NAA30	N(alpha)-acetyltransferase 30, NatC catalytic subunit	-1,1
12724392	505317	TRPA1	transient receptor potential cation channel, subfamily A, member 1	-1,1
12745524	319086	OSM	oncostatin M	-1,1
12719416	515071	PHACTR3	phosphatase and actin regulator 3	-1,1
12897079	511763	SYNCRIP	synaptotagmin binding, cytoplasmic RNA interacting protein	-1,1
12823316	100138303	ARHGEF10	Rho guanine nucleotide exchange factor (GEF) 10	-1,1
12863850	100336889	LOC100336889	promotilin-like	-1,1
12832629	281274	LDHA	lactate dehydrogenase A	-1,1
12774390	281170	FRZB	frizzled-related protein	-1,1
12742553	511425	ACAD10	acyl-Coenzyme A dehydrogenase family, member 10	-1,1
12900065	511653	LOC511653	similar to olfactory receptor 1239	-1,1
12878068	507327	P4HA2	prolyl 4-hydroxylase, alpha polypeptide II	-1,1
12882759	100298968	LOC100298968	similar to Nedd4	-1,1
12871836	536495	ATP10D	ATPase, class V, type 10D	-1,1
12799300	520504	CCDC36	coiled-coil domain containing 36	-1,1
12851457	538627	WNT16	wingless-type MMTV integration site family, member 16	-1,1
12872375	615452	TBC1D19	TBC1 domain family, member 19	-1,1
12867745	538624	FRS2	fibroblast growth factor receptor substrate 2	-1,1

12821977	511035	TCTN3	tectonic family member 3	-1,1
12763468	516069	HLF	hepatic leukemia factor	-1,1
12863088	785168	LOC785168	hypothetical LOC785168	-1,1
12852783	100336047	LOC100336047	rCG56756-like	-1,1
12837160	507203	ANP32E	acidic (leucine-rich) nuclear phosphoprotein 32 family, member E	-1,1
12881019	538535	C7H5orf24	chromosome 5 open reading frame 24 ortholog	-1,1
12867127	533894	LOC533894	similar to Prolow-density lipoprotein receptor-related protein 1 precursor (LRP) (Alpha-2-macroglobulin receptor) (A2MR) (Apolipoprotein E receptor) (APOER) (CD91 antigen)	-1,1
12859527	514588	FBLN1	fibulin 1	-1,1
12885340	513787	SLC27A1	solute carrier family 27 (fatty acid transporter), member 1	-1,1
12785401	509725	DIMT1L	DIM1 dimethyladenosine transferase 1-like (<i>S. cerevisiae</i>)	-1,1
12868899	767965	MGC133880	hypothetical protein MGC133880	-1,1
12725384	519974	NSMCE2	non-SMC element 2, MMS21 homolog (<i>S. cerevisiae</i>)	-1,1
12899728	505648	PGM3	phosphoglucomutase 3	-1,1
12849876	510459	HOXA9	homeobox A9	-1,1
12728318	520468	TMEM136	transmembrane protein 136	-1,1
12835633	100335495	LOC100335495	hypothetical protein LOC100335495	-1,1
12780258	281753	EPB41	erythrocyte membrane protein band 4.1 (elliptocytosis 1, RH-linked)	-1,1
12681514	534488	SLC35A5	solute carrier family 35, member A5	-1,1
12839372	528555	CASQ2	calsequestrin 2 (cardiac muscle)	-1,1
12887980	617635	RAB24	RAB24, member RAS oncogene family	-1,1
12906645	100336559	LOC100336559	leucine-rich repeats and calponin homology (CH) domain containing 2-like	-1,1
12726617	280852	MDK	midkine (neurite growth-promoting factor 2)	-1,1
12721120	768002	SPINLW1	serine peptidase inhibitor-like, with Kunitz and WAP domains 1 (eppin)	-1,1
12780286	281875	ITGAV	integrin, alpha V (vitronectin receptor, alpha polypeptide, antigen CD51)	-1,1
12805918	524220	RBM24	RNA binding motif protein 24	-1,1
12851909	615340	IRF5	interferon regulatory factor 5	-1,1
12845131	519754	PKN2	protein kinase N2	-1,1
12706050	517669	ZNF638	zinc finger protein 638	-1,1
12838841	520462	SH3BP4	SH3-domain binding protein 4	-1,1
12889986	510360	BMP1	bone morphogenetic protein 1	-1,1
12826139	510214	ADAMTS14	ADAM metallopeptidase with thrombospondin type 1 motif, 14	-1,1
12698235	100313397	MIR1301	microRNA mir-1301	-1,1
12859413	513885	LOC513885	similar to Chromosome 12 open reading frame 26	-1,1
12833481	510604	PCF11	PCF11, cleavage and polyadenylation factor subunit, homolog (<i>S. cerevisiae</i>)	-1,1
12707445	539289	LMAN2L	lectin, mannose-binding 2-like	-1,1
12708768	100296495	LOC100296495	hypothetical protein LOC100296495	-1,1
12845817	529184	RPAP2	RNA polymerase II associated protein 2	-1,1
12875089	534560	TMEM150C	transmembrane protein 150C	-1,1
12699476	508876	SF3B14	splicing factor 3B, 14 kDa subunit	-1,1
12755476	100336208	LOC100336208	ZNF679 protein-like	-1,1
12900794	530858	PARK2	Parkinson disease (autosomal recessive, juvenile) 2, parkin	-1,1
12882316	787102	PCDHB7	protocadherin beta 7	-1,1
12889610	507114	KIAA1967	p30 DBC protein	-1,1
12908119	511907	LOC511907	similar to Chromosome X open reading frame 57	-1,1
12803467	574091	LOC574091	nucleoside-diphosphate kinase NBR-A	-1,1
12760496	100335289	LOC100335289	SNRPF protein-like	-1,1

12737158	540507	ANGEL2	angel homolog 2 (Drosophila)	-1,1
12709652	513836	TNFSF11	tumor necrosis factor (ligand) superfamily, member 11	-1,1
12740926	541175	DUSP10	dual specificity phosphatase 10	-1,1
12826188	512704	REEP3	receptor accessory protein 3	-1,1
12691887	614796	MGC157372	hypothetical LOC614796	-1,1
12782160	522473	GTF3C3	general transcription factor IIIC, polypeptide 3, 102kDa	-1,1
12715690	523707	NCOA3	nuclear receptor coactivator 3	-1,1
12753611	613888	IRX6	iroquois homeobox 6	-1,1
12753593	613577	HERPUD1	homocysteine-inducible, endoplasmic reticulum stress-inducible, ubiquitin-like domain member 1	-1,1
12716554	537459	RIN2	Ras and Rab interactor 2	-1,1
12873465	450214	CENPC1	centromere protein C 1	-1,1
12683054	100336226	LOC100336226	vomeroneasal 2 receptor 47-like	-1,1
12679217	506569	TTC3	tetratricopeptide repeat domain 3	-1,1
12759859	785630	LOC785630	similar to zinc finger protein 665	-1,1
12843638	507314	POLR3C	polymerase (RNA) III (DNA directed) polypeptide C (62kD)	-1,1
12692462	784745	LOC784745	similar to Olfactory receptor 4K2 (Olfactory receptor OR14-15)	-1,1
12743533	533228	RILPL2	Rab interacting lysosomal protein-like 2	-1,1
12714439	507639	PRPF18	PRP18 pre-mRNA processing factor 18 homolog (S. cerevisiae)	-1,1
12701849	536340	VWA3B	von Willebrand factor A domain containing 3B	-1,1
12707589	540503	HEATR5B	HEAT repeat containing 5B	-1,1
12727406	510331	CUL5	cullin 5	-1,1
12902786	100337493	LOC100337493	hypothetical protein LOC100337493	-1,1
12779147	614427	METTL5	methyltransferase like 5	-1,1
12745085	100296011	LOC100296011	similar to Ngg1 interacting factor 3 like 1 binding protein 1	-1,1
12868913	768231	CPSF6	cleavage and polyadenylation specific factor 6, 68kDa	-1,1
12844718	514352	TBX19	T-box 19	-1,1
12704020	282321	PPP3R1	protein phosphatase 3 (formerly 2B), regulatory subunit B, alpha isoform	-1,1
12824195	524648	HOOK3	hook homolog 3 (Drosophila)	-1,1
12823630	504683	MAK16	MAK16 homolog (S. cerevisiae)	-1,1
12724917	511990	PHF20L1	PHD finger protein 20-like 1	-1,1
12843149	504513	C3H1orf113	chromosome 1 open reading frame 113 ortholog	-1,1
12852627	100140763	CCDC146	coiled-coil domain containing 146	-1,1
12792419	513423	SLC25A21	solute carrier family 25 (mitochondrial oxodicarboxylate carrier), member 21	-1,1
12681049	525740	MSL2	male-specific lethal 2 homolog (Drosophila)	-1,1
12794874	507205	DCLK3	similar to CLICK-I,II-related protein	-1,1
12729546	539750	FOLR1	folate receptor 1 (adult)	-1,1
12710242	536389	ZMYM5	zinc finger, MYM-type 5	-1,1
12693805	504408	RPS6KA5	ribosomal protein S6 kinase, 90kDa, polypeptide 5	-1,1
12861208	535383	RAPGEF3	Rap guanine nucleotide exchange factor (GEF) 3	-1,1
12893504	512450	SH3GL2	SH3-domain GRB2-like 2	-1,1
12852971	281092	CROT	carnitine O-octanoyltransferase	-1,1
12867044	533350	OSBPL8	oxysterol binding protein-like 8	-1,1
12723335	539930	CALB1	calbindin 1, 28kDa	-1,1
12901685	511695	LOC511695	similar to serpin peptidase inhibitor, clade B like	-1,1
12803343	540169	LOC540169	similar to Uncharacterized protein KIAA0240	-1,1
12714853	512761	CRLS1	cardiolipin synthase 1	-1,1
12899239	100336450	LOC100336450	olfactory receptor, family 51, subfamily E, member 2-like	-1,1
12721870	407175	GDF6	growth differentiation factor 6	-1,1
12727636	512220	LOC512220	similar to olfactory receptor Olr745	-1,1
12837370	508700	PIGK	phosphatidylinositol glycan anchor biosynthesis, class K	-1,1

12869787	100337347	LOC100337347	envelope glycoprotein-like	-1,1
12886637	533660	DNAJC18	DnaJ (Hsp40) homolog, subfamily C, member 18	-1,1
12728517	525908	LDLRAD3	low density lipoprotein receptor class A domain containing 3	-1,1
12864197	282702	CHRNA3	cholinergic receptor, nicotinic, alpha 3	-1,1
12744300	540932	FBXW7	F-box and WD repeat domain containing 7	-1,1
12778611	540224	RND3	Rho family GTPase 3	-1,1
12678886	408007	P2RY12	purinergic receptor P2Y, G-protein coupled, 12	-1,1
12859857	518168	PLXNC1	plexin C1	-1,1
12894435	530846	ANKS6	ankyrin repeat and sterile alpha motif domain containing 6	-1,1
12851703	541075	TMEM168	transmembrane protein 168	-1,1
12816530	513030	CHST12	carbohydrate (chondroitin 4) sulfotransferase 12	-1,1
12700894	526027	SPTBN1	spectrin, beta, non-erythrocytic 1	-1,1
12711599	508731	ZMYM2	zinc finger, MYM-type 2	-1,1
12833395	509715	CTSF	cathepsin F	-1,1
12852758	100335160	LOC100335160	hypothetical protein LOC100335160	-1,1
12900439	518472	GTF3C6	general transcription factor IIIC, polypeptide 6, alpha 35kDa	-1,1
12852020	616545	SKAP2	src kinase associated phosphoprotein 2	-1,1
12708834	100336463	LOC100336463	ABCC4 protein-like	-1,1
12906020	781718	USP27X	ubiquitin specific peptidase 27, X-linked	-1,1
12823389	100296624	LOC100296624	similar to beta-defensin 35	-1,1
12822757	534778	RNLS	renalase, FAD-dependent amine oxidase	-1,1
12873486	503621	PDLIM5	PDZ and LIM domain 5	-1,1
12852375	782400	LOC782400	hypothetical LOC782400	-1,1
12754148	618337	LOC618337	similar to zinc finger protein 665	-1,1
12772732	615074	PRKAR1A	protein kinase, cAMP-dependent, regulatory, type I, alpha (tissue specific extinguisher 1)	-1,1
12808927	100140997	LOC100140997	hypothetical protein LOC100140997	-1,1
12851791	613957	GTPBP10	GTP-binding protein 10 (putative)	-1,1
12863463	100140959	LOC100140959	similar to submaxillary apomucin	-1,1
12697424	618561	LOC618561	similar to TRADV9S1	-1,1
12893826	514753	MRPL50	mitochondrial ribosomal protein L50	-1,1
12812811	516099	HSPB1	heat shock 27kDa protein 1	-1,1
12738972	507290	DEGS1	degenerative spermatocyte homolog 1, lipid desaturase (Drosophila)	-1,1
12680307	514335	ES1	es1 protein	-1,1
12800624	782069	LOC782069	similar to G protein-coupled receptor	-1,1
12797279	767861	ECOP	EGFR-coamplified and overexpressed protein	-1,1
12744064	539598	ZCCHC8	zinc finger, CCHC domain containing 8	-1,1
12806700	614958	HIST1H2BN	histone cluster 1, H2bn	-1,1
12845908	530657	COL6A3	collagen, type VI, alpha 3	-1,1
12790204	519047	LOC519047	similar to KIAA1199	-1,1
12710135	534027	SPG20	spastic paraplegia 20 (Troyer syndrome)	-1,1
12907723	508861	SAT1	spermidine/spermine N1-acetyltransferase 1	-1,1
12769620	511363	SPATA20	spermatogenesis associated 20	-1,1
12887939	617316	ELAVL1	ELAV (embryonic lethal, abnormal vision, Drosophila)-like 1 (Hu antigen R)	-1,1
12782027	521240	WDR75	WD repeat domain 75	-1,1
12815020	100301342	LOC100301342	similar to autism susceptibility candidate 2	-1,1
12827658	281259	DNAJC12	DnaJ (Hsp40) homolog, subfamily C, member 12	-1,1
12729638	540208	RRP8	ribosomal RNA processing 8, methyltransferase, homolog (yeast)	-1,1
12910432	781310	LHFPL1	lipoma HMGIC fusion partner-like 1	-1,1
12855785	615470	SLC25A13	solute carrier family 25, member 13 (citrin)	-1,1
12837276	508016	ITLN2	intelectin 2	-1,1
12884997	512254	MEF2C	myocyte enhancer factor 2C	-1,1
12840769	539976	LEPRE1	leucine proline-enriched proteoglycan (leprecan) 1	-1,1

12697283	616909	TTC7B	tetratricopeptide repeat domain 7B	-1,1
12870714	509483	CEP135	centrosomal protein 135kDa	-1,1
12870781	510906	DDIT4L	DNA-damage-inducible transcript 4-like	-1,1
12866837	530659	LEMD3	LEM domain containing 3	-1,1
12793470	538517	ARRDC4	arrestin domain containing 4	-1,1
12906599	100313473	MIR452	microRNA mir-452	-1,1
12690089	527461	PAQR5	progesterin and adipoQ receptor family member V	-1,1
12839973	534351	TMED5	transmembrane emp24 protein transport domain containing 5	-1,1
12754609	785361	LOC785361	similar to nudix (nucleoside diphosphate linked moiety X)-type motif 19	-1,1
12906065	783344	LOC783344	similar to armadillo repeat containing, X-linked 5	-1,1
12683873	505510	RABL3	RAB, member of RAS oncogene family-like 3	-1,1
12880781	536671	ZFYVE16	zinc finger, FYVE domain containing 16	-1,1
12760466	100313148	MIR2332	microRNA mir-2332	-1,1
12713152	100125389	MACROD2	MACRO domain containing 2	-1,1
12691169	539495	LOC539495	similar to hepatitis C virus F protein-binding protein 2	-1,1
12787233	510075	TARS	threonyl-tRNA synthetase	-1,1
12722747	522920	ATAD2	ATPase family, AAA domain containing 2	-1,1
12868288	614382	NFYB	nuclear transcription factor Y, beta	-1,1
12834329	531225	LOC531225	similar to olfactory receptor Olr1242	-1,1
12848378	790477	LOC790477	hypothetical protein LOC790477	-1,1
12762108	507663	NCOR1	nuclear receptor co-repressor 1	-1,1
12789671	510259	SIP1	survival of motor neuron protein interacting protein 1	-1,1
12888815	100299276	LOC100299276	similar to plenty of SH3s	-1,1
12846488	535567	MSTO1	misato homolog 1 (Drosophila)	-1,1
12882396	787836	LOC787836	similar to EGF-like module-containing mucin-like hormone receptor-like 2 precursor (EGF-like module EMR2) (CD312 antigen)	-1,1
12786716	788450	LPCAT1	lysophosphatidylcholine acyltransferase 1	-1,1
12733246	540423	MPZL2	myelin protein zero-like 2	-1,1
12789871	512628	C21H14orf79	chromosome 14 open reading frame 79 ortholog	-1,1
12740956	613624	RGS18	regulator of G-protein signaling 18	-1,1
12825536	616337	PPAPDC1B	phosphatidic acid phosphatase type 2 domain containing 1B	-1,1
12810552	541187	ATP8B1	ATPase, class I, type 8B, member 1	-1,1
12827718	281627	ANXA8	annexin A8	-1,1
12854794	528204	RHEB	Ras homolog enriched in brain	-1,1
12883986	506181	LOC506181	similar to zinc finger protein 77 (pT1)	-1,1
12719872	524059	PTPRT	protein tyrosine phosphatase, receptor type, T	-1,1
12683825	505019	SR140	U2-associated SR140 protein	-1,1
12896207	100139498	MCM9	minichromosome maintenance complex component 9	-1,1
12710969	100170925	MIR15A	microRNA mir-15a	-1,1
12856085	781749	STK31	serine/threonine kinase 31	-1,1
12699234	506633	LOC506633	similar to olfactory receptor 414 (predicted)	-1,1
12724871	511306	POP1	processing of precursor 1, ribonuclease P/MRP subunit (S. cerevisiae)	-1,1
12842445	100313198	MIR2411	microRNA mir-2411	-1,1
12709252	506618	FOXO1	forkhead box O1	-1,1
12805774	516289	RIOK1	RIO kinase 1 (yeast)	-1,1
12799096	515406	CSRNP1	cysteine-serine-rich nuclear protein 1	-1,1
12680056	512714	LRRC34	leucine rich repeat containing 34	-1,1
12838134	513389	DGKH	diacylglycerol kinase, eta	-1,1
12841781	785834	NUP210L	nucleoporin 210kDa-like	-1,1
12740771	540633	KDM5B	lysine (K)-specific demethylase 5B	-1,1
12795038	508782	C22H3ORF64	chromosome 3 open reading frame 64 ortholog	-1,1
12742383	510197	VPS33A	vacuolar protein sorting 33 homolog A (S. cerevisiae)	-1,1
12724848	511077	MYC	v-myc myelocytomatosis viral oncogene homolog (avian)	-1,1

12864664	505514	ARSA	arylsulfatase A	-1,1
12766830	100313455	MIR454	microRNA mir-454	-1,1
12894221	524796	ZFP37	zinc finger protein 37 homolog (mouse)	-1,1
12703833	281250	IL1A	interleukin 1, alpha	-1,1
12880522	533618	ARSK	arylsulfatase family, member K	-1,1
12901231	540985	ME1	malic enzyme 1, NADP(+)-dependent, cytosolic	-1,1
12762101	507536	CCDC44	coiled-coil domain containing 44	-1,1
12907613	507476	PGK1	phosphoglycerate kinase 1	-1,1
12750095	505584	FXYD5	FXYD domain containing ion transport regulator 5	-1,1
12825130	513985	VPS37A	vacuolar protein sorting 37 homolog A (S. cerevisiae)	-1,1
12725985	614070	FAM92A1	family with sequence similarity 92, member A1	-1,1
12691723	613290	ISCA2	iron-sulfur cluster assembly 2 homolog (S. cerevisiae)	-1,1
12724371	504339	C14H8orf47	chromosome 8 open reading frame 47 ortholog	-1,1
12852169	767893	LOC767893	hypothetical protein LOC767893	-1,1
12695057	516993	NYNRIN	NYN domain and retroviral integrase containing	-1,1
12871419	528446	RASL11B	RAS-like, family 11, member B	-1,1
12809617	512779	C24H18orf21	chromosome 18 open reading frame 21 ortholog	-1,1
12840241	536504	PHTF1	putative homeodomain transcription factor 1	-1,1
12819445	510536	LOC510536	similar to Uncharacterized protein C10orf88	-1,1
12678932	504352	CEP70	similar to centrosomal protein 70 kDa	-1,1
12869142	782988	MTERFD3	MTERF domain containing 3	-1,1
12872986	100313440	MIR2448	microRNA mir-2448	-1,1
12724254	282657	ATP6V1H	ATPase, H ⁺ transporting, lysosomal 50/57kDa, V1 subunit H	-1,1
12782498	528191	BBS5	Bardet-Biedl syndrome 5	-1,1
12791093	614296	MGC127733	hypothetical protein LOC614296	-1,1
12898581	539993	SERINC1	serine incorporator 1	-1,1
12787702	521554	IL7R	interleukin 7 receptor	-1,1
12847590	616664	MSH4	mutS homolog 4 (E. coli)	-1,1
12902656	100336658	LOC100336658	hypothetical protein LOC100336658	-1,1
12717295	767991	RNF24	ring finger protein 24	-1,1
12786777	100336229	LOC100336229	tyrosine 3/tryptophan 5 -monooxygenase activation protein, zeta polypeptide-like	-1,1
12783884	540726	TMEM57	transmembrane protein 57	-1,1
12753604	613633	LOC613633	similar to sprouty-related, EVH1 domain containing 3	-1,1
12845521	525413	LOC525413	similar to synaptonemal complex protein 1	-1,1
12702737	616324	LOC616324	hypothetical LOC616324	-1,1
12852454	785371	GLI3	GLI family zinc finger 3	-1,1
12821115	785845	ACP1	acid phosphatase 1, soluble	-1,1
12836680	505430	ATPAF1	ATP synthase mitochondrial F1 complex assembly factor 1	-1,1
12784972	100313067	MIR582	microRNA mir-582	-1,1
12875345	539006	ZNF518B	zinc finger protein 518B	-1,1
12727875	514285	ANGPTL5	angiopoietin-like protein 5	-1,1
12837426	508905	ZRANB2	zinc finger, RAN-binding domain containing 2	-1,1
12898452	538416	ASCC3	activating signal cointegrator 1 complex subunit 3	-1,1
12757700	519789	LOC519789	similar to Cytoplasmic dynein 1 light intermediate chain 2 (Dynein light intermediate chain 2, cytosolic) (LIC53/55) (LIC-2)	-1,1
12777931	535049	SLC4A3	solute carrier family 4, anion exchanger, member 3	-1,1
12815030	100313182	MIR2385	microRNA mir-2385	-1,1
12837505	509680	PIGM	phosphatidylinositol glycan anchor biosynthesis, class M	-1,1
12904432	522938	LOC522938	similar to Family with sequence similarity 48, member A	-1,1
12685501	530975	ABCF3	ATP-binding cassette, sub-family F (GCN20), member 3	-1,1
12729426	538866	HIPK3	homeodomain interacting protein kinase 3	-1,1
12899102	785982	LOC785982	similar to retinoic acid early transcript 1E	-1,1
12792206	509367	CLEC14A	C-type lectin domain family 14, member A	-1,1
12686094	538545	ZBTB11	zinc finger and BTB domain containing 11	-1,1

12680508	515563	ABHD10	abhydrolase domain containing 10	-1,1
12784711	787276	ZNF804A	zinc finger protein 804A	-1,1
12716135	532219	CPXM1	carboxypeptidase X (M14 family), member 1	-1,1
12804263	100301369	LOC100301369	similar to ribosomal protein L15	-1,1
12838807	519085	CLCC1	chloride channel CLIC-like 1	-1,1
12861141	534570	SPRYD3	SPRY domain containing 3	-1,1
12870320	317724	USO1	USO1 homolog, vesicle docking protein (yeast)	-1,1
12837416	508904	DPH5	DPH5 homolog (<i>S. cerevisiae</i>)	-1,1
12787010	282354	SLC1A3	solute carrier family 1 (glial high affinity glutamate transporter), member 3	-1,1
12876146	100125301	PCDHGC3	protocadherin gamma subfamily C, 3	-1,1
12780866	507983	LOC507983	similar to KIAA1728 protein	-1,1
12756124	504436	ZNF235	zinc finger protein 235	-1,1
12707762	613336	CCT4	chaperonin containing TCP1, subunit 4 (delta)	-1,1
12784315	616081	ALS2CR11	amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 11	-1,1
12756985	512508	MPHOSPH6	M-phase phosphoprotein 6	-1,1
12700364	518658	PLEK	pleckstrin	-1,1
12881643	614639	MRPL22	mitochondrial ribosomal protein L22	-1,1
12862258	614134	RNF41	ring finger protein 41	-1,1
12840944	540824	BCL10	B-cell CLL/lymphoma 10	-1,1
12740739	540261	SERPINC1	serpin peptidase inhibitor, clade C (antithrombin), member 1	-1,1
12746496	513251	LOC513251	similar to UPF0462 protein C4orf33	-1,1
12800672	783335	IL17RE	interleukin 17 receptor E	-1,1
12892131	784541	LOC784541	hypothetical LOC784541	-1,1
12857285	282646	HSP90B1	tumor rejection antigen (gp96) 1	-1,1
12877101	282401	ADAMTS2	ADAM metallopeptidase with thrombospondin type 1 motif, 2	-1,1
12735669	515804	IPO9	importin 9	-1,1
12683626	407149	FYTTD1	forty-two-three domain containing 1	-1,1
12765326	614821	LOC614821	Ig-like V-type domain-containing protein ENSP00000329499 homolog	-1,1
12710496	613449	DCLK1	doublecortin-like kinase 1	-1,1
12787917	533984	SUB1	SUB1 homolog (<i>S. cerevisiae</i>)	-1,1
12749424	282127	ZFP36	zinc finger protein 36, C3H type, homolog (mouse)	-1,1
12779003	541004	NRP2	neuropilin 2	-1,1
12691523	540852	SAMD4A	sterile alpha motif domain containing 4A	-1,1
12904286	518258	FUNDC1	FUN14 domain containing 1	-1,1
12769510	511097	SLC46A1	solute carrier family 46 (folate transporter), member 1	-1,1
12862948	783027	LOC783027	bitter taste receptor	-1,1
12824753	281407	PLAT	plasminogen activator, tissue	-1,1
12847753	618779	NSUN4	NOP2/Sun domain family, member 4	-1,1
12706201	523039	HTRA2	HtrA serine peptidase 2	-1,1
12688039	281663	CAPN3	calpain 3, (p94)	-1,1
12791835	407102	TJP1	tight junction protein 1 (zona occludens 1)	-1,1
12807157	787610	LOC787610	similar to Mitochondrial import receptor subunit TOM20 homolog (Mitochondrial 20 kDa outer membrane protein) (Outer mitochondrial membrane receptor Tom20)	-1,1
12779313	616227	CAMK2N1	calcium/calmodulin-dependent protein kinase II inhibitor 1	-1,1
12737964	100295928	LOC100295928	similar to regulator of G-protein signaling 2, 24kDa	-1,1
12904911	534001	HNRNPH2	heterogeneous nuclear ribonucleoprotein H2 (H')	-1,1
12718979	511412	MTPAP	mitochondrial poly(A) polymerase	-1,1
12903951	513847	APOO	apolipoprotein O	-1,1
12723704	781881	SNX31	sorting nexin 31	-1,1
12762713	510769	NDEL1	nudE nuclear distribution gene E homolog (<i>A. nidulans</i>)-like 1	-1,1

12787357	512405	OCLN	occludin	-1,1
12844764	514601	LOC514601	similar to Protein FAM102B	-1,1
12783097	535393	RAB3GAP1	RAB3 GTPase activating protein subunit 1 (catalytic)	-1,1
12822932	538529	SLC25A28	solute carrier family 25, member 28	-1,1
12837242	507944	BCAS2	breast carcinoma amplified sequence 2	-1,1
12887876	616742	EFNA5	ephrin-A5	-1,1
12783574	538826	SSFA2	sperm specific antigen 2	-1,1
12854882	531535	SLC13A4	solute carrier family 13 (sodium/sulfate symporters), member 4	-1,1
12905723	615975	SMPX	small muscle protein, X-linked	-1,1
12704957	509460	THUMPD2	THUMP domain containing 2	-1,1
12908490	516214	RENBP	renin binding protein	-1,1
12848232	787112	PEAR1	platelet endothelial aggregation receptor 1	-1,1
12764060	529049	MRC2	mannose receptor, C type 2	-1,1
12834331	531336	AHNAK	AHNAK nucleoprotein	-1,1
12789487	506525	RCOR1	REST corepressor 1	-1,1
12820742	539782	ELOVL3	elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 3	-1,1
12721094	618508	MAVS	mitochondrial antiviral signaling protein	-1,1
12685599	532418	RG9MTD1	RNA (guanine-9-) methyltransferase domain containing 1	-1,1
12864461	493719	MGST1	microsomal glutathione S-transferase 1	-1,1
12899510	282220	EEF1A1	eukaryotic translation elongation factor 1 alpha 1	-1,1
12774066	100336526	LOC100336526	protein-tyrosine kinase-like	-1,1
12850968	532446	LOC532446	similar to Olfactory receptor 2A25	-1,1
12710096	532944	LHFP	lipoma HMGIC fusion partner	-1,1
12794945	508042	USP4	ubiquitin specific peptidase 4 (proto-oncogene)	-1,1
12895966	784720	ELP3	elongation protein 3 homolog (S. cerevisiae)	-1,1
12744016	538784	LOC538784	similar to tigger transposable element derived 4	-1,1
12869154	783419	KLRC1	killer cell lectin-like receptor subfamily C, member 1	-1,1
12689859	522864	LOC522864	similar to KIAA1370	-1,1
12691278	540258	RBM25	RNA binding motif protein 25	-1,1
12870843	511583	LOC511583	similar to Family with sequence similarity 114, member A1	-1,1
12823815	511433	DLC1	deleted in liver cancer 1	-1,1
12812769	515964	RRN3	RRN3 RNA polymerase I transcription factor homolog (S. cerevisiae)	-1,1
12855097	534599	OGDH	oxoglutarate (alpha-ketoglutarate) dehydrogenase (lipoamide)	-1,1
12902002	100336654	LOC100336654	mannosidase, alpha, class 1B, member 1-like	-1,1
12906699	100336650	LOC100336650	misshapen-like kinase 1-like	-1,1
12728889	533078	ARCN1	archain 1	-1,1
12698701	286880	PPM1G	protein phosphatase 1G (formerly 2C), magnesium-dependent, gamma isoform	-1,1
12909887	540361	NKAP	NFKB activating protein	-1,1
12704110	337925	SLC8A1	solute carrier family 8 (sodium/calcium exchanger), member 1	-1,1
12759673	767967	MGC134150	hypothetical protein MGC134150	-1,1
12897912	533801	SNX14	sorting nexin 14	-1,1
12781179	510817	SPOPL	speckle-type POZ protein-like	-1,1
12764779	538204	PSMD12	proteasome (prosome, macropain) 26S subunit, non-ATPase, 12	-1,1
12698445	281365	ODC1	ornithine decarboxylase 1	-1,1
12749971	504826	NUDT7	nudix (nucleoside diphosphate linked moiety X)-type motif 7	-1,1
12747938	613773	PITPNB	phosphatidylinositol transfer protein, beta	-1,1
12866683	524417	SLC41A2	solute carrier family 41, member 2	-1,1
12900054	511294	RPF2	ribosome production factor 2 homolog (S. cerevisiae)	-1,1
12794366	281838	HYAL2	hyaluronoglucosaminidase 2	-1,1

12896602	280763	DDO	D-aspartate oxidase	-1,1
12830126	508589	LOC508589	similar to olfactory receptor, family 8, subfamily A, member 1	-1,1
12879658	522449	LOC522449	hypothetical LOC522449	-1,1
12844085	510586	PEA15	phosphoprotein enriched in astrocytes 15	-1,1
12885866	523504	LOC523504	similar to F-box/LRR-repeat protein 17 (F-box and leucine-rich repeat protein 17) (F-box only protein 13)	-1,1
12886647	533661	TMEM173	transmembrane protein 173	-1,1
12704750	508172	FBXO11	F-box protein 11	-1,1
12810353	535916	SMAD7	SMAD family member 7	-1,1
12863667	100313481	MIR2439	microRNA mir-2439	-1,1
12886773	534282	RNF145	ring finger protein 145	-1,1
12897782	530027	MAN1A1	mannosidase, alpha, class 1A, member 1	-1,1
12742757	515944	MFSD8	major facilitator superfamily domain containing 8	-1,1
12909564	536666	SYTL5	synaptotagmin-like 5	-1,1
12787195	508169	SLC30A5	solute carrier family 30 (zinc transporter), member 5	-1,1
12893646	513469	LOC513469	similar to pleckstrin homology domain containing, family B (evectins) member 2	-1,1
12729946	615337	C15H11orf63	chromosome 11 open reading frame 63 ortholog	-1,1
12684788	516064	LOC516064	similar to Uncharacterized protein C3orf17	-1,1
12724175	280891	PDP1	pyruvate dehydrogenase phosphatase catalytic subunit 1	-1,1
12884116	507549	TIMD4	T-cell immunoglobulin and mucin domain containing 4	-1,1
12899560	353348	SYNE1	spectrin repeat containing, nuclear envelope 1	-1,1
12905971	767964	MGC133640	hypothetical protein MGC133640	-1,1
12848136	784986	UBE2U	ubiquitin-conjugating enzyme E2U (putative)	-1,1
12727720	513151	LOC513151	similar to olfactory receptor MOR232-9	-1,1
12774797	338068	ACVR1	activin A receptor, type I	-1,1
12687438	787607	PPP2R3A	protein phosphatase 2 (formerly 2A), regulatory subunit B", alpha	-1,1
12794639	505290	MGLL	monoglyceride lipase	-1,1
12681176	530188	DBR1	debranching enzyme homolog 1 (S. cerevisiae)	-1,1
12742951	519646	LOC519646	similar to Ig lambda light chain leader and V-region	-1,1
12793564	539998	FBXO33	F-box protein 33	-1,1
12680419	514613	MCM2	cyclin L1	-1,1
12719254	514087	SUN5	Sad1 and UNC84 domain containing 5	-1,1
12776290	511960	CYP27A1	cytochrome P450, family 27, subfamily A, polypeptide 1	-1,1
12831952	617454	PKNOX2	Pbx/knotted 1 homeobox 2	-1,1
12755579	100337301	LOC100337301	vomeroneasal 1 receptor 1-like	-1,1
12804072	790858	LOC790858	hypothetical protein LOC790858	-1,1
12808500	538805	LOC538805	hypothetical protein LOC538805	-1,1
12901945	281850	IGHG1	immunoglobulin heavy constant gamma 1	-1,1
12824769	281507	STAR	steroidogenic acute regulatory protein	-1,1
12862525	617219	LOC617219	similar to lysozyme	-1,1
12906587	100313246	MIR2484	microRNA mir-2484	-1,1
12896057	786832	LOC786832	hypothetical protein LOC786832	-1,1
12711024	100313007	MIR16A	microRNA mir-16a	-1,1
12688564	507427	RIPK3	receptor-interacting serine-threonine kinase 3	-1,1
12701079	527380	NT5C1B	5'-nucleotidase, cytosolic 1B	-1,1
12854287	518274	ANLN	anillin, actin binding protein	-1,1
12768071	504785	RABEP1	rabaptin, RAB GTPase binding effector protein 1	-1,1
12752457	526865	PVR	poliovirus receptor	-1,1
12766820	100313284	MIR2343	microRNA mir-2343	-1,1
12691581	541024	YTHDC2	YTH domain containing 2	-1,1
12810271	534935	TCF7L2	transcription factor 7-like 2 (T-cell specific, HMG-box)	-1,1
12707977	614986	PUS10	pseudouridylate synthase 10	-1,1
12795428	512892	SRGAP3	SLIT-ROBO Rho GTPase activating protein 3	-1,1
12797402	782247	ARHGEF3	Rho guanine nucleotide exchange factor (GEF) 3	-1,1

12784489	767836	PNRC2	proline-rich nuclear receptor coactivator 2	-1,1
12891760	614165	SPTLC1	serine palmitoyltransferase, long chain base subunit 1	-1,1
12905164	537402	RBBP7	retinoblastoma binding protein 7	-1,1
12743309	528108	SCARF2	scavenger receptor class F, member 2	-1,1
12904277	518186	PHF6	PHD finger protein 6	-1,1
12702649	615844	ENG	endoglin	-1,1
12894029	519310	EPB41L4B	erythrocyte membrane protein band 4.1 like 4B	-1,1
12693777	407216	BMP4	bone morphogenetic protein 4	-1,1
12721919	504390	HRSP12	heat-responsive protein 12	-1,1
12861735	539347	C5H12orf23	chromosome 12 open reading frame 23 ortholog	-1,1
12811235	100336765	LOC100336765	hypothetical protein LOC100336765	-1,1
12899214	100313241	MIR2476	microRNA mir-2476	-1,1
12685559	531741	LOC531741	similar to Src homology 3 domain-containing guanine nucleotide exchange factor	-1,1
12846329	534003	NFYC	nuclear transcription factor Y, gamma	-1,1
12813437	532512	POR	cytochrome P450 reductase	-1,1
12907565	507307	USP9X	ubiquitin specific peptidase 9, X-linked	-1,1
12730496	100138359	LOC100138359	similar to histone cluster 1, H2bd	-1,1
12795463	513481	EIF1B	eukaryotic translation initiation factor 1B	-1,1
12876467	100299275	LOC100299275	similar to olfactory receptor, family 2, subfamily B, member 2	-1,1
12722565	519225	CNGB3	cyclic nucleotide gated channel beta 3	-1,1
12789704	510423	PSMA4	proteasome (prosome, macropain) subunit, alpha type, 4	-1,1
12876097	785556	TMPRSS11F	transmembrane protease, serine 11F	-1,1
12834537	536011	CDON	Cdon homolog (mouse)	-1,1
12834835	613612	TMEM80	transmembrane protein 80	-1,1
12749561	282872	MMP2	matrix metalloproteinase 2 (gelatinase A, 72kDa gelatinase, 72kDa type IV collagenase)	-1,1
12855804	615505	TMEM176B	transmembrane protein 176B	-1,1
12696905	540840	DTWD1	DTW domain containing 1	-1,1
12678367	100301027	LOC100301027	hypothetical protein LOC100301027	-1,1
12772406	540167	CCDC47	coiled-coil domain containing 47	-1,1
12758721	536901	CDYL2	chromodomain protein, Y-like 2	-1,1
12730520	100295358	LOC100295358	similar to olfactory receptor 690	-1,1
12778378	538590	LOC538590	similar to collagen, type V, alpha 2	-1,1
12797804	100313172	MIR2369	microRNA mir-2369	-1,1
12871490	530358	KLF3	Kruppel-like factor 3 (basic)	-1,1
12721746	282852	RDH10	retinol dehydrogenase 10 (all-trans)	-1,1
12696911	541098	IGDCC4	immunoglobulin superfamily, DCC subclass, member 4	-1,1
12898548	539754	UBE2J1	ubiquitin-conjugating enzyme E2, J1 (UBC6 homolog, yeast)	-1,1
12839010	522383	NES	nestin	-1,1
12905415	539973	LOC539973	similar to Zinc finger, DHHC-type containing 3	-1,1
12779943	100295814	LOC100295814	similar to homeobox D8	-1,1
12767838	414347	CCL4	chemokine (C-C motif) ligand 4	-1,1
12754978	100124429	ZFP30	zinc finger protein 30 homolog (mouse)	-1,1
12813124	522836	ZNF394	zinc finger protein 394	-1,1
12893224	509535	NUDT18	nudix (nucleoside diphosphate linked moiety X)-type motif 18	-1,1
12711466	507149	CDK8	cyclin-dependent kinase 8	-1,1
12891381	538070	RFX3	regulatory factor X, 3 (influences HLA class II expression)	-1,1
12729122	534510	TRIM3	tripartite motif-containing 3	-1,1
12764149	530282	LOC530282	similar to glutamine rich 2	-1,1
12850848	530001	PIK3CG	phosphoinositide-3-kinase, catalytic, gamma polypeptide	-1,1
12692919	100295747	LOC100295747	hypothetical LOC100295747	-1,1
12748410	787326	GGT5	gamma-glutamyltransferase 5	-1,1

12800040	539002	CCR2	chemokine (C-C motif) receptor 2	-1,1
12776348	512479	HNRNPR	heterogeneous nuclear ribonucleoprotein R	-1,1
12763675	522429	ANKRD40	ankyrin repeat domain 40	-1,1
12841383	617083	UBE2F	ubiquitin-conjugating enzyme E2F (putative)	-1,1
12698562	282041	ROCK2	Rho-associated, coiled-coil containing protein kinase 2	-1,1
12789446	506201	EVL	Enah/Vasp-like	-1,1
12756200	504775	KRTDAP	keratinocyte differentiation-associated protein	-1,1
12720208	530147	BAMBI	BMP and activin membrane-bound inhibitor homolog (Xenopus laevis)	-1,1
12724524	507013	LOC507013	similar to Protein FAM91A1	-1,1
12902513	100301169	LOC100301169	similar to magnesium transporter 1	-1,1
12760394	100295764	LOC100295764	similar to WD repeat and SOCS box-containing 1	-1,1
12694248	508954	SORD	sorbitol dehydrogenase	-1,1
12902223	100125309	TSC22D3	TSC22 domain family, member 3	-1,1
12835139	767828	SUV420H1	suppressor of variegation 4-20 homolog 1 (Drosophila)	-1,1
12728295	519943	LOC519943	similar to CG4452 CG4452-PA	-1,1
12707355	538829	PPP1CB	protein phosphatase 1, catalytic subunit, beta isoform	-1,1
12875717	615190	CHIC2	cysteine-rich hydrophobic domain 2	-1,1
12795742	515564	ZNF197	zinc finger protein 197	-1,1
12878854	512319	PHF15	PHD finger protein 15	-1,1
12691348	540504	SYNE2	spectrin repeat containing, nuclear envelope 2	-1,1
12691847	614307	HAUS4	HAUS augmin-like complex, subunit 4	-1,1
12684259	510204	GABPA	GA binding protein transcription factor, alpha subunit 60kDa	-1,1
12842793	282323	PRKACB	protein kinase, cAMP-dependent, catalytic, beta	-1,1
12715823	526515	ARMC4	armadillo repeat containing 4	-1,1
12733848	783299	LOC783299	similar to B7 olfactory receptor	-1,1
12741577	789222	LOC789222	similar to zinc finger protein RIZ	-1,1
12884126	507573	LOC507573	similar to olfactory receptor 1357	-1,1
12752337	524111	ZNF227	zinc finger protein 227	-1,1
12730390	786732	SPCS2	signal peptidase complex subunit 2 homolog (S. cerevisiae)	-1,1
12870236	282651	LPHN3	latrophilin 3	-1,1
12736714	534797	TMEM183A	transmembrane protein 183A	-1,1
12905533	541081	LOC541081	similar to Obg-like ATPase 1 (GTP-binding protein 9)	-1,1
12891595	540816	ZNF189	zinc finger protein 189	-1,1
12833833	515824	PUS3	pseudouridylate synthase 3	-1,1
12818130	540922	ZC3H7A	zinc finger CCCH-type containing 7A	-1,1
12821042	780850	VTI1A	vesicle transport through interaction with t-SNAREs homolog 1A (yeast)	-1,1
12849903	511017	DUS4L	dihydrouridine synthase 4-like (S. cerevisiae)	-1,1
12882391	787665	LOC787665	similar to Olfactory receptor 7A5 (Olfactory receptor OR19-17) (Olfactory receptor TPCR92)	-1,1
12727236	508150	LOC508150	similar to density enhanced phosphatase-1	-1,1
12818997	282326	HTRA1	HtrA serine peptidase 1	-1,1
12823532	282097	TOP2B	topoisomerase (DNA) II beta 180kDa	-1,1
12734985	505221	KCTD3	potassium channel tetramerisation domain containing 3	-1,1
12845414	524030	GJB5	gap junction protein, beta 5, 31.1kDa	-1,1
12793059	532685	SNX6	sorting nexin 6	-1,1
12774511	281713	CREB1	cAMP responsive element binding protein 1	-1,1
12723513	616641	TMEM55A	transmembrane protein 55A	-1,1
12764242	532050	PPM1E	protein phosphatase 1E (PP2C domain containing)	-1,1
12681481	534360	LOC534360	similar to poliovirus receptor-related 3	-1,1
12843689	507359	IL6R	interleukin 6 receptor	-1,1
12891879	616117	LOC616117	similar to Uncharacterized protein C8orf58	-1,1
12757297	514467	SALL1	sal-like 1 (Drosophila)	-1,1
12726713	281309	MMP3	matrix metalloproteinase 3 (stromelysin 1, progelatinase)	-1,1
12860870	532865	CLEC7A	C-type lectin domain family 7, member A	-1,1
12837291	508183	SLAMF6	SLAM family member 6	-1,1

12680034	512171	ADAMTS1	ADAM metallopeptidase with thrombospondin type 1 motif, 1	-1,1
12859641	515243	C5H12ORF4	chromosome 12 open reading frame 4 ortholog	-1,1
12856580	100336724	LOC100336724	CG9986-like	-1,1
12723906	100137722	PTP4A3	protein tyrosine phosphatase type IVA, member 3	-1,1
12850248	515320	HBP1	HMG-box transcription factor 1	-1,1
12847289	614212	LMO4	LIM domain only 4	-1,1
12824943	506242	SH2D4A	SH2 domain containing 4A	-1,1
12798353	504855	IL17RC	interleukin 17 receptor C	-1,1
12788774	100313024	MIR299	microRNA mir-299	-1,1
12765297	614388	TMUB2	transmembrane and ubiquitin-like domain containing 2	-1,1
12736725	534896	CEP350	centrosomal protein 350kDa	-1,1
12826249	514234	LOC514234	hypothetical LOC514234	-1,1
12888158	782513	LOC782513	similar to olfactory receptor, family 7, subfamily A, member 17	-1,1
12900212	514867	TRMT11	tRNA methyltransferase 11 homolog (<i>S. cerevisiae</i>)	-1,1
12852384	782956	CCDC126	coiled-coil domain containing 126	-1,1
12904680	528106	LOC528106	similar to olfactory receptor MOR128-2	-1,1
12762400	509053	NKIRAS2	NFkB inhibitor interacting Ras-like 2	-1,1
12767240	281590	ACACA	acetyl-coenzyme A carboxylase alpha	-1,1
12774050	100335809	LOC100335809	protease-like	-1,1
12807175	788774	MUC21	mucin 21, cell surface associated	-1,1
12704512	506709	C9ORF59	chromosome 9 open reading frame 59	-1,1
12748144	616570	HVCN1	hydrogen voltage-gated channel 1	-1,1
12903824	512036	ZNF449	zinc finger protein 449	-1,1
12782828	533312	PLEKHM3	pleckstrin homology domain containing, family M, member 3	-1,1
12808865	791062	MIR122	microRNA mir-122	-1,1
12752874	533294	RBL2	retinoblastoma-like 2 (p130)	-1,1
12775945	509375	NINJ1	ninjurin 1	-1,1
12802870	534366	C23H6ORF62	chromosome 6 open reading frame 62 ortholog	-1,1
12744231	540568	ATP2A2	ATPase, Ca ⁺⁺ transporting, cardiac muscle, slow twitch 2	-1,1
12761190	282604	FDXR	ferredoxin reductase	-1,1
12889039	280885	OMD	osteomodulin	-1,1
12882892	100336987	LOC100336987	GIPC PDZ domain containing family, member 3-like	-1,1
12775066	407236	LY75	lymphocyte antigen 75	-1,1
12900114	513016	C9H6orf163	chromosome 6 open reading frame 163 ortholog	-1,1
12870831	511496	GPI7	GPI7 protein	-1,1
12742772	516048	GIT2	G protein-coupled receptor kinase interacting ArfGAP 2	-1,1
12768287	506345	TMIGD1	transmembrane and immunoglobulin domain containing 1	-1,1
12829265	100336880	LOC100336880	F-box and leucine-rich repeat protein 11-like	-1,1
12844757	514488	APCS	amyloid P component, serum	-1,1
12865625	512580	LOC512580	similar to olfactory receptor MOR114-1	-1,1
12894487	532280	CNTLN	centlein, centrosomal protein	-1,1
12687826	100336638	LOC100336638	GA binding protein transcription factor, beta subunit 1 isoform beta 1-like	-1,1
12774753	317777	PLA2R1	phospholipase A2 receptor 1, 180kDa	-1,1
12892010	768246	FBXO16	F-box protein 16	-1,1
12823423	100336287	LOC100336287	hypothetical protein LOC100336287	-1,1
12896497	100336974	LOC100336974	hypothetical protein LOC100336974	-1,1
12693087	100297346	LOC100297346	hypothetical protein LOC100297346	-1,1
12848091	784605	ADAM15	ADAM metallopeptidase domain 15	-1,1
12747516	535625	MAPKAPK5	mitogen-activated protein kinase-activated protein kinase 5	-1,1
12811468	282325	PRKCB	protein kinase C, beta	-1,1
12726248	782927	LOC782927	hypothetical LOC782927	-1,1

12686587	541277	TSC22D2	TSC22 domain family, member 2	-1,1
12719219	513944	STAU1	staufen, RNA binding protein, homolog 1 (Drosophila)	-1,1
12871591	533155	MAPKSP1	MAPK scaffold protein 1	-1,1
12842248	100139116	SGIP1	SH3-domain GRB2-like (endophilin) interacting protein 1	-1,1
12882137	777789	C7H5orf32	chromosome 5 open reading frame 32 ortholog	-1,1
12872038	538849	DNAJB14	DnaJ (Hsp40) homolog, subfamily B, member 14	-1,1
12728955	533243	ZNF143	zinc finger protein 143	-1,1
12678271	100295666	LOC100295666	hypothetical protein LOC100295666	-1,1
12891144	534909	KIF13B	kinesin family member 13B	-1,1
12710347	538697	STARD13	StAR-related lipid transfer (START) domain containing 13	-1,1
12731429	507428	LOC507428	similar to olfactory receptor MOR34-1	-1,1
12902619	100336547	LOC100336547	Wiskott-Aldrich syndrome protein-like	-1,1
12870447	504439	PAPSS1	3'-phosphoadenosine 5'-phosphosulfate synthase 1	-1,1
12734422	281051	CD34	CD34 molecule	-1,1
12681567	534910	CD200	CD200 molecule	-1,1
12710052	532455	STK24	serine/threonine kinase 24 (STE20 homolog, yeast)	-1,1
12844641	513599	TMEM79	transmembrane protein 79	-1,1
12708482	783253	LOC783253	similar to rRNA-processing protein FCF1 homolog	-1,1
12760870	281797	GNGT2	guanine nucleotide binding protein (G protein), gamma transducing activity polypeptide 2	-1,1
12800363	613904	VGLL4	vestigial like 4 (Drosophila)	-1,1
12815923	507342	FSCN1	fascin homolog 1, actin-bundling protein (Strongylocentrotus purpuratus)	-1,1
12895548	767872	NOL8	nucleolar protein 8	-1,1
12847628	616705	LOC616705	similar to putative olfactory receptor 10R2	-1,1
12758412	531855	MGC155219	hypothetical LOC531855	-1,1
12791675	281903	LOXL1	lysyl oxidase-like 1	-1,1
12819366	508557	SEC23IP	SEC23 interacting protein	-1,1
12888987	100337180	LOC100337180	eukaryotic translation elongation factor 1 alpha 1-like	-1,1
12742663	514512	TMEM116	transmembrane protein 116	-1,1
12686285	539376	Mynn	myoneurin	-1,1
12692270	781720	MRPL23	mitochondrial ribosomal protein L23	-1,1
12790962	539951	RIN3	Ras and Rab interactor 3	-1,1
12791258	618267	AP4S1	adaptor-related protein complex 4, sigma 1 subunit	-1,1
12779554	618218	NKAIN1	Na ⁺ /K ⁺ transporting ATPase interacting 1	-1,1
12905512	540755	DMD	dystrophin	-1,1
12859656	515361	LPCAT3	lysophosphatidylcholine acyltransferase 3	-1,1
12739306	511845	ABL2	v-abl Abelson murine leukemia viral oncogene homolog 2 (arg, Abelson-related gene)	-1,1
12766004	787413	PELP1	proline, glutamate and leucine rich protein 1	-1,1
12742583	512873	DTX1	deltex homolog 1 (Drosophila)	-1,1
12679086	505171	TFG	TRK-fused gene	-1,1
12760464	100313080	MIR744	microRNA mir-744	-1,1
12841771	785330	LOC785330	hypothetical LOC785330	-1,1
12822991	540709	RAB11FIP2	RAB11 family interacting protein 2 (class I)	-1,1
12857994	506075	GEFT	RAC/CDC42 exchange factor	-1,1
12823910	512887	LOC512887	hypothetical protein LOC512887	-1,1
12825390	536426	EFHA2	EF-hand domain family, member A2	-1,1
12744669	617894	RHOF	ras homolog gene family, member F (in filopodia)	-1,1
12830107	508392	LOC508392	similar to olfactory receptor, family 8, subfamily A, member 1	-1,1
12692970	100296272	LOC100296272	hypothetical LOC100296272	-1,1
12740247	533317	FLVCR1	feline leukemia virus subgroup C cellular receptor 1	-1,1
12898948	616801	TRAF3IP2	TRAF3 interacting protein 2	-1,1
12794049	789997	LOC789997	similar to Ribosomal protein S3A	-1,1
12766147	788205	LOC788205	hypothetical protein LOC788205	-1,1
12687120	781653	MBNL1	muscleblind-like (Drosophila)	-1,1

12728506	525756	RNF169	ring finger protein 169	-1,1
12841439	617777	SHE	Src homology 2 domain containing E	-1,1
12766536	100137840	DLG4	discs, large homolog 4 (Drosophila)	-1,1
12748752	100139934	LOC100139934	similar to zinc finger protein 90	-1,1
12779334	616561	PNKD	paroxysmal nonkinesigenic dyskinesia	-1,1
12906571	100301462	LOC100301462	similar to cytochrome c oxidase subunit VIIb	-1,1
12727534	511627	CCDC82	coiled-coil domain containing 82	-1,1
12690482	533199	MAP2K1	mitogen-activated protein kinase kinase 1	-1,1
12869426	788372	LOC788372	similar to Olfactory receptor 6C74	-1,1
12871178	517589	NUDT9	nudix (nucleoside diphosphate linked moiety X)-type motif 9	-1,1
12683362	281877	ITGB2	integrin, beta 2 (complement component 3 receptor 3 and 4 subunit)	-1,1
12831015	521780	VWA5A	von Willebrand factor A domain containing 5A	-1,1
12826638	534049	C28H10orf58	chromosome 10 open reading frame 58 ortholog	-1,1
12739488	514474	TP53BP2	tumor protein p53 binding protein, 2	-1,1
12823061	614540	TIAL1	TIA1 cytotoxic granule-associated RNA binding protein-like 1	-1,1
12905661	614262	VSIG4	V-set and immunoglobulin domain containing 4	-1,1
12708268	618176	RNF144A	ring finger protein 144A	-1,1
12809268	505339	LOC505339	similar to LOC512694 protein	-1,1
12680135	513504	MCCC1	methylcrotonoyl-Coenzyme A carboxylase 1 (alpha)	-1,1
12806947	619021	LOC619021	similar to olfactory receptor 1365	-1,1
12684420	511689	HEG1	HEG homolog 1 (zebrafish)	-1,1
12696631	539277	CALML4	calmodulin-like 4	-1,1
12741333	767833	FBLIM1	filamin binding LIM protein 1	-1,1
12816588	513545	CLCN7	chloride channel 7	-1,1
12865876	514271	TMEM106C	transmembrane protein 106C	-1,1
12909125	532053	OGT	O-linked N-acetylglucosamine (GlcNAc) transferase (UDP-N-acetylglucosamine:polypeptide-N-acetylglucosaminyl transferase)	-1,1
12683416	282100	TRPC1	transient receptor potential cation channel, subfamily C, member 1	-1,1
12819425	510233	FAM175B	BRISC complex subunit Abro1	-1,1
12784597	783720	PPIG	peptidylprolyl isomerase G (cyclophilin G)	-1,1
12810853	100126182	COX19	COX19 cytochrome c oxidase assembly homolog (S. cerevisiae)	-1,1
12833021	504867	C29H11orf73	chromosome 11 open reading frame 73 ortholog	-1,1
12866960	532887	PLEKHA5	pleckstrin homology domain containing, family A member 5	-1,1
12727672	512586	ZC3H12C	zinc finger CCCH-type containing 12C	-1,1
12734464	281141	ENO1	enolase 1, (alpha)	-1,1
12866524	521784	ANO6	anoctamin 6	-1,1
12680911	522184	KCNJ15	potassium inwardly-rectifying channel, subfamily J, member 15	-1,1
12789146	338048	CYP11A1	cytochrome P450, family 11, subfamily A, polypeptide 1	-1,1
12742473	510523	TMEM154	transmembrane protein 154	-1,1
12818209	614645	SPN	sialophorin	-1,1
12735935	519843	SRGAP2	similar to SLIT-ROBO Rho GTPase activating protein 2	-1,1
12741105	615329	CSRPI	cysteine and glycine-rich protein 1	-1,1
12876577	100336607	LOC100336607	EGF-like module-containing mucin-like hormone receptor-like 2-like	-1,1
12751977	518738	GPATCH1	G patch domain containing 1	-1,1
12751345	513112	CES3	carboxylesterase 3	-1,1
12836290	493998	CRABP2	cellular retinoic acid binding protein 2	-1,1
12873019	100336761	LOC100336761	polycomb group ring finger 3-like	-1,1
12797002	616212	FBXL2	F-box and leucine-rich repeat protein 2	-1,1

12783433	537932	UBR3	ubiquitin protein ligase E3 component n-recognin 3 (putative)	-1,1
12878388	509419	HMGXB3	HMG box domain containing 3	-1,1
12891600	540817	MOBKL2B	MOB1, Mps One Binder kinase activator-like 2B (yeast)	-1,1
12758194	527550	BCAR1	breast cancer anti-estrogen resistance 1	-1,1
12759194	615158	PEPD	peptidase D	-1,1
12755241	100295202	CCDC79	coiled-coil domain containing 79	-1,1
12721768	286803	TMEM189-UBE2V1	TMEM189-UBE2V1 readthrough	-1,1
12703109	781806	FNDC4	fibronectin type III domain containing 4	-1,1
12904630	526910	HTATSF1	HIV-1 Tat specific factor 1	-1,1
12897181	512804	C9H6ORF70	chromosome 6 open reading frame 70 ortholog	-1,1
12680375	514554	PLD1	phospholipase D1, phosphatidylcholine-specific	-1,1
12726006	614776	POLR2K	polymerase (RNA) II (DNA directed) polypeptide K, 7.0kDa	-1,1
12892496	100336123	LOC100336123	zinc finger protein 345-like	-1,1
12741264	616923	VAMP4	vesicle-associated membrane protein 4	-1,1
12765056	539841	CCDC55	coiled-coil domain containing 55	-1,1
12900885	534105	RMND1	required for meiotic nuclear division 1 homolog (S. cerevisiae)	-1,1
12738938	506654	RGS13	regulator of G-protein signaling 13	-1,1
12680303	514203	GHSR	growth hormone secretagogue receptor	-1,1
12795280	511484	ZFYVE20	zinc finger, FYVE domain containing 20	-1,1
12779984	100313418	MIR2356	microRNA mir-2356	-1,1
12770586	516149	CDRT4	CMT1A duplicated region transcript 4	-1,1
12735807	516874	TFB2M	transcription factor B2, mitochondrial	-1,1
12703267	786596	LOC786596	similar to olfactory receptor 366	-1,1
12830513	513028	NAP1L4	nucleosome assembly protein 1-like 4	-1,1
12825405	536490	LRP2BP	LRP2 binding protein	-1,1
12678166	100125943	PLSCR1	phospholipid scramblase 1	-1,1
12727993	515307	RBM7	RNA binding motif protein 7	-1,1
12793514	538825	LCMT2	leucine carboxyl methyltransferase 2	-1,1
12791413	789710	KLF13	Kruppel-like factor 13	-1,1
12822975	540050	HSPA12A	heat shock 70kDa protein 12A	-1,1
12906268	790878	PIR	pirin (iron-binding nuclear protein)	-1,1
12850633	525116	RUNDC3B	RUN domain containing 3B	-1,1
12718173	327666	SIRPA	signal-regulatory protein alpha	-1,1
12686644	613891	DPPA2	developmental pluripotency associated 2	-1,1
12887373	540390	ARSI	arylsulfatase family, member I	-1,1
12811487	282335	RABGEF1	RAB guanine nucleotide exchange factor (GEF) 1	-1,1
12908759	523454	LOC523454	similar to Protein WWC3	-1,1
12755022	100124518	ZNF420	Zinc finger protein 420	-1,1
12843848	508547	PDE4DIP	phosphodiesterase 4D interacting protein	-1,1
12893567	513209	ZCCHC6	zinc finger, CCHC domain containing 6	-1,1
12757214	514021	ZNF599	zinc finger protein 599	-1,1
12735137	506599	C16H1ORF26	chromosome 1 open reading frame 26 ortholog	-1,1
12841542	751790	UGT1A1	UDP glucuronosyltransferase 1 family, polypeptide A1	-1,1
12686636	613886	PTPLB	protein tyrosine phosphatase-like (proline instead of catalytic arginine), member b	-1,1
12772071	538457	PTRF	polymerase I and transcript release factor	-1,1
12808737	615804	RAB12	RAB12, member RAS oncogene family	-1,1
12791471	100138545	PML	promyelocytic leukemia	-1,1
12717268	767873	SNRPB2	small nuclear ribonucleoprotein polypeptide B"	-1,1
12887143	538928	ZFP62	zinc finger protein 62 homolog (mouse)	-1,1
12860935	533227	HEBP1	heme binding protein 1	-1,1
12867092	533692	IRAK4	interleukin-1 receptor-associated kinase 4	-1,1
12745688	505156	LOC505156	transmembrane protein 131-like	-1,1
12807792	510003	NEDD4L	neural precursor cell expressed, developmentally down-regulated 4-like	-1,1

12698429	281190	GGCX	gamma-glutamyl carboxylase	-1,1
12738135	100313401	MIR181A-1	microRNA mir-181a-1	-1,1
12717167	618044	WFDC2	WAP four-disulfide core domain 2	-1,1
12887551	541306	AFF4	AF4/FMR2 family, member 4	-1,1
12846842	538981	CTTNBP2NL	CTTNBP2 N-terminal like	-1,1
12742448	510499	SLC15A4	solute carrier family 15, member 4	-1,1
12863610	100297903	LOC100297903	hypothetical protein LOC100297903	-1,1
12718083	282152	BCL2L1	BCL2-like 1	-1,1
12834229	528031	LOC528031	similar to Mas-related G-protein coupled receptor member B2	-1,1
12902661	100336665	LOC100336665	misshapen-like kinase 1-like	-1,1
12884078	507332	CLEC4G	C-type lectin domain family 4, member G	-1,1
12805063	506753	LRRC1	leucine rich repeat containing 1	-1,1
12778522	539487	NEUROD1	neurogenic differentiation 1	-1,1
12825451	538516	PDLIM3	PDZ and LIM domain 3	-1,1
12703121	782407	CCDC121	coiled-coil domain containing 121	-1,1
12831438	534450	LRP5	low density lipoprotein receptor-related protein 5	-1,1
12877598	505089	SEC24A	SEC24 related gene family, member A (S. cerevisiae)	-1,1
12727897	514557	OAF	OAF homolog (Drosophila)	-1,1
12857735	497026	PLCZ1	phospholipase C, zeta 1	-1,1
12746149	508887	SLC24A6	solute carrier family 24 (sodium/potassium/calcium exchanger), member 6	-1,1
12768741	508331	RAB11FIP4	RAB11 family interacting protein 4 (class II)	-1,1
12779266	615263	LOC615263	hypothetical protein LOC615263	-1,1
12856205	788066	TPK1	thiamin pyrophosphokinase 1	-1,1
12882404	787898	LOC787898	similar to olfactory receptor Olfr314	-1,1
12887177	539237	LOC539237	similar to Olfactory receptor 7D2 (Olfactory receptor 19-4) (OR19-4) (HTPCRH03)	-1,1
12904592	526223	LOC526223	similar to Zinc finger CCHC domain-containing protein 16 (Mammalian retrotransposon-derived protein 4)	-1,1
12745292	281198	GLRB	glycine receptor, beta	-1,1
12788191	540371	6-Mar	membrane-associated ring finger (C3HC4) 6	-1,1
12781086	510177	SF3B1	splicing factor 3b, subunit 1, 155kDa	-1,1
12722061	507462	SNX16	sorting nexin 16	-1,1
12719499	515917	LOC515917	similar to trophoblast Kunitz domain protein 2	-1,1
12807673	505184	SERPINB2	serpin peptidase inhibitor, clade B (ovalbumin), member 2	-1,1
12687114	781333	VGLL3	vestigial like 3 (Drosophila)	-1,1
12803994	786888	PNPLA1	patatin-like phospholipase domain containing 1	-1,1
12709043	281960	POSTN	periostin, osteoblast specific factor	-1,1
12859068	511023	STAT2	signal transducer and activator of transcription 2, 113kDa	-1,1
12788266	540808	FCHO2	FCH domain only 2	-1,1
12695268	521073	TIMM9	translocase of inner mitochondrial membrane 9 homolog (yeast)	-1,1
12812609	515159	GNA12	guanine nucleotide binding protein (G protein) alpha 12	-1,1
12695224	520313	GABPB1	GA binding protein transcription factor, beta subunit 1	-1,1
12901045	537380	MAP3K5	mitogen-activated protein kinase kinase kinase 5	-1,1
12899830	507031	STX7	syntaxin 7	-1,1
12762554	510062	LOC510062	hypothetical LOC510062	-1,1
12718194	353160	ACBD5	acyl-Coenzyme A binding domain containing 5	-1,1
12705623	513877	SRBD1	S1 RNA binding domain 1	-1,1
12864199	282707	CEP290	centrosomal protein 290kDa	-1,1
12909154	532185	MCF2	MCF.2 cell line derived transforming sequence	-1,1
12779961	100296928	LOC100296928	similar to nucleolar protein family A, member 3	-1,1
12689424	515078	TMEM62	transmembrane protein 62	-1,1
12878053	507152	LOC507152	similar to Uncharacterized protein C19orf39 homolog	-1,1
12822580	531250	IKZF5	IKAROS family zinc finger 5 (Pegasus)	-1,1

12863669	100335214	LOC100335214	heme-binding protein 1-like	-1,1
12875581	613278	CCDC149	coiled-coil domain containing 149	-1,1
12807909	514291	EMILIN2	elastin microfibril interfacer 2	-1,1
12691151	539399	SLC39A9	solute carrier family 39 (zinc transporter), member 9	-1,1
12855480	539676	DMTF1	cyclin D binding myb-like transcription factor 1	-1,1
12729197	535390	PPME1	protein phosphatase methylesterase 1	-1,1
12854547	520774	PHTF2	putative homeodomain transcription factor 2	-1,1
12910686	785916	PRRG1	proline rich Gla (G-carboxyglutamic acid) 1	-1,1
12873124	100337377	LOC100337377	T-cell activation Rho GTPase-activating protein-like	-1,1
12697892	790312	LOC790312	similar to Purine nucleoside phosphorylase (Inosine phosphorylase) (PNP)	-1,1
12838165	513468	CD244	CD244 molecule, natural killer cell receptor 2B4	-1,1
12716382	535136	DIP2C	DIP2 disco-interacting protein 2 homolog C (Drosophila)	-1,1
12823486	281600	ADAM9	ADAM metallopeptidase domain 9 (meltrin gamma)	-1,1
12739170	509732	PDPN	podoplanin	-1,1
12788246	540724	WDR70	WD repeat domain 70	-1,1
12848304	788175	LOC788175	similar to CD1D antigen, d polypeptide	-1,1
12908556	517880	SPACA5	sperm acrosome associated 5	-1,1
12745324	281534	TLR2	toll-like receptor 2	-1,1
12681316	532838	FAM55C	family with sequence similarity 55, member C	-1,1
12711569	508723	ATP8A2	ATPase, aminophospholipid transporter-like, class I, type 8A, member 2	-1,1
12869350	786696	LDOC1L	leucine zipper, down-regulated in cancer 1-like	-1,1
12752351	524813	FOXF1	forkhead box F1	-1,1
12773200	768046	KRTAP3-1	keratin associated protein 3-1	-1,1
12846341	534011	FGGY	FGGY carbohydrate kinase domain containing	-1,1
12805045	506467	TREM2	triggering receptor expressed on myeloid cells 2	-1,1
12807443	281062	CDH2	cadherin 2, type 1, N-cadherin (neuronal)	-1,1
12754202	618586	NKD1	naked cuticle homolog 1 (Drosophila)	-1,1
12895739	781874	LOC781874	similar to basic helix-loop-helix transcription factor HAND2	-1,1
12761572	504909	ABCA10	ATP-binding cassette, sub-family A (ABC1), member 10	-1,1
12832960	404183	EED	embryonic ectoderm development	-1,1
12708089	616408	SPDYA	speedy homolog A (Xenopus laevis)	-1,1
12809702	514448	LPIN2	lipin 2	-1,1
12699741	511639	RNF103	ring finger protein 103	-1,1
12905017	534604	MID1	midline 1 (Opitz/BBB syndrome)	-1,1
12849034	282215	DNAJB6	DnaJ (Hsp40) homolog, subfamily B, member 6	-1,1
12872353	615008	LOC615008	similar to HCV F-transactivated protein 1	-1,1
12765527	616732	CCL16	chemokine (C-C motif) ligand 16	-1,1
12763274	514532	LOC514532	similar to olfactory receptor Olfr399	-1,1
12784129	613983	HOXD11	homeobox D11	-1,1
12756880	511682	MBTPS1	membrane-bound transcription factor peptidase, site 1	-1,1
12826259	514391	ANUBL1	AN1, ubiquitin-like, homolog (Xenopus laevis)	-1,1
12786113	533929	FGF18	fibroblast growth factor 18	-1,1
12762295	508631	TMEM49	transmembrane protein 49	-1,1
12711036	100335875	LOC100335875	transmembrane protein FAM155A-like	-1,1
12895070	540664	TNC	tenascin C	-1,1
12688377	505176	PSMA3	proteasome (prosome, macropain) subunit, alpha type, 3	-1,1
12723955	100295750	LOC100295750	similar to transmembrane protein 60	-1,1
12888858	100313445	MIR2470	microRNA mir-2470	-1,1
12698053	100296125	LOC100296125	similar to pumilio homolog 2	-1,1
12776458	514364	LOC514364	similar to eyes absent 3 homolog (Drosophila) (predicted)	-1,1
12745391	282309	PI4KA	phosphatidylinositol 4-kinase, catalytic, alpha	-1,1
12731077	414348	P4HA3	prolyl 4-hydroxylase, alpha polypeptide III	-1,1

12749415	282112	UPK1A	uroplakin 1A	-1,1
12781035	509642	TINAGL1	tubulointerstitial nephritis antigen-like 1	-1,1
12820005	523338	ZRANB1	zinc finger, RAN-binding domain containing 1	-1,1
12866934	532789	PAWR	PRKC, apoptosis, WT1, regulator	-1,1
12819437	510334	NEURL	neuralized homolog (Drosophila)	-1,1
12821917	510425	NOC3L	nucleolar complex associated 3 homolog (S. cerevisiae)	-1,1
12778346	538167	CCNYL1	cyclin Y-like 1	-1,1
12894428	530653	LOC530653	similar to bile acid Coenzyme A: amino acid N-acyltransferase	-1,1
12751873	516598	AXL	AXL receptor tyrosine kinase	-1,1
12858754	509817	LOC509817	similar to olfactory receptor MOR160-1	-1,1
12884360	508459	EMR1	egf-like module containing, mucin-like, hormone receptor-like 1	-1,1
12685954	536154	NCK1	NCK adaptor protein 1	-1,1
12772834	616080	RNFT1	ring finger protein, transmembrane 1	-1,1
12851861	615147	PION	pigeon homolog (Drosophila)	-1,1
12871168	517517	LOC517517	similar to Chromosome 4 open reading frame 37	-1,1
12723011	533175	CHD7	chromodomain helicase DNA binding protein 7	-1,1
12855669	613639	TSPAN12	tetraspanin 12	-1,1
12710773	781117	SLC46A3	solute carrier family 46, member 3	-1,1
12802397	522351	CDSN	corneodesmosin	-1,1
12777512	531150	ABCB11	ATP-binding cassette, sub-family B (MDR/TAP), member 11	-1,1
12738690	338033	TNFRSF1B	tumor necrosis factor receptor superfamily, member 1B	-1,1
12755860	282390	TYROBP	TYRO protein tyrosine kinase binding protein	-1,1
12685757	534482	FSTL1	follistatin-like 1	-1,1
12801311	504967	NEDD9	neural precursor cell expressed, developmentally down-regulated 9	-1,1
12746087	508581	DDX55	DEAD (Asp-Glu-Ala-Asp) box polypeptide 55	-1,1
12892852	404110	ZFAND5	zinc finger, AN1-type domain 5	-1,1
12735234	507787	MCFD2	multiple coagulation factor deficiency 2	-1,1
12825182	518905	SLC20A2	solute carrier family 20 (phosphate transporter), member 2	-1,1
12785538	512470	DHX29	DEAH (Asp-Glu-Ala-His) box polypeptide 29	-1,1
12782940	534257	LOC534257	similar to cytochrome b reductase 1	-1,1
12686594	613265	ZNF148	zinc finger protein 148	-1,1
12720689	539528	KCNB1	potassium voltage-gated channel, Shab-related subfamily, member 1	-1,1
12790586	532995	LOC532995	hypothetical protein LOC532995	-1,1
12719148	513080	RAE1	RAE1 RNA export 1 homolog (S. pombe)	-1,1
12705763	515118	RHOB	ras homolog gene family, member B	-1,1
12680817	521251	PLSCR5	phospholipid scramblase family, member 5	-1,1
12803576	616658	LOC616658	similar to hCG1805526	-1,1
12886691	534095	TTC37	tetratricopeptide repeat domain 37	-1,1
12733998	787988	LOC787988	similar to olfactory receptor 654 (predicted)	-1,1
12760482	100313330	MIR2336	microRNA mir-2336	-1,1
12844695	514218	ERMAP	erythroblast membrane-associated protein (Scianna blood group)	-1,1
12713470	100337090	LOC100337090	ankyrin repeat domain 26-like	-1,1
12682252	613523	EAF2	ELL associated factor 2	-1,1
12685154	525044	LOC525044	similar to otolin-1	-1,1
12842499	100337178	LOC100337178	polypyrimidine tract binding protein 2-like	-1,1
12780084	100337357	LOC100337357	dipeptidyl peptidase 4-like	-1,1
12891549	540052	MUSK	muscle, skeletal, receptor tyrosine kinase	-1,1
12871651	533633	WDR19	WD repeat domain 19	-1,1
12906393	100139092	LOC100139092	similar to Probable G-protein coupled receptor 34	-1,1
12692866	100138870	CLPX	ClpX caseinolytic peptidase X homolog (E. coli)	-1,1
12812382	512439	HBA	hemoglobin, alpha 2	-1,1
12906208	786510	LOC786510	similar to zinc finger, CCHC domain containing 12	-1,1

12721948	504499	NDRG1	N-myc downstream regulated 1	-1,1
12832382	100296625	LOC100296625	similar to HRAS-like suppressor 2	-1,1
12868232	613393	KLRF1	killer cell lectin-like receptor subfamily F, member 1	-1,1
12854632	522756	ABCA13	ATP-binding cassette, sub-family A (ABC1), member 13	-1,1
12862410	616294	PARVB	parvin, beta	-1,1
12748972	100299632	LOC100299632	hypothetical LOC100299632	-1,1
12827244	783538	ARID5B	AT rich interactive domain 5B (MRF1-like)	-1,1
12711449	507091	MPHOSPH8	M-phase phosphoprotein 8	-1,1
12781647	515988	STAT4	signal transducer and activator of transcription 4	-1,1
12711837	515333	ABCC4	ATP-binding cassette, sub-family C (CFTR/MRP), member 4	-1,1
12696222	536133	GALK2	galactokinase 2	-1,1
12721048	618015	TMX4	thioredoxin-related transmembrane protein 4	-1,1
12758816	538686	ZFP112	zinc finger protein 112 homolog (mouse)	-1,1
12698604	282255	IFITM3	interferon induced transmembrane protein 3 (1-8U)	-1,1
12680444	514918	GCFC	GC-rich sequence DNA-binding factor homolog	-1,1
12782852	533634	OSBPL6	oxysterol binding protein-like 6	-1,1
12760104	789229	LOC789229	similar to cationic amino acid transporter 5	-1,1
12680588	517797	SLC33A1	solute carrier family 33 (acetyl-CoA transporter), member 1	-1,1
12799774	533652	MLH1	mutL homolog 1, colon cancer, nonpolyposis type 2 (E. coli)	-1,1
12728280	519357	DDB2	damage-specific DNA binding protein 2, 48kDa	-1,1
12817877	535131	LUC7L	LUC7-like (S. cerevisiae)	-1,1
12771822	534759	GPATCH8	G patch domain containing 8	-1,1
12841393	617350	CCDC19	coiled-coil domain containing 19	-1,1
12780398	286798	TNS1	tensin 1	-1,1
12802656	531274	RPP40	ribonuclease P/MRP 40kDa subunit	-1,1
12860901	533191	TMTC1	transmembrane and tetratricopeptide repeat containing 1	-1,1
12743639	534434	LOC534434	similar to chromosome 12 open reading frame 51	-1,1
12847923	781576	LOC781576	similar to ribosomal protein L35a	-1,1
12825697	100296075	LOC100296075	hypothetical protein LOC100296075	-1,1
12907758	509340	CXHXORF41	chromosome X open reading frame 41 ortholog	-1,1
12732540	527762	KCNE3	potassium voltage-gated channel, Isk-related family, member 3	-1,1
12854135	514631	CDCA7L	cell division cycle associated 7-like	-1,1
12794939	508041	LOC508041	hypothetical LOC508041	-1,1
12868490	615834	PRMT8	protein arginine methyltransferase 8	-1,1
12854541	520530	MDFIC	MyoD family inhibitor domain containing	-1,1
12869667	100336518	LOC100336518	hypothetical protein LOC100336518	-1,1
12763888	526469	MAP2K4	mitogen-activated protein kinase kinase 4	-1,1
12729518	539570	SIK2	salt-inducible kinase 2	-1,1
12727815	514135	BCO2	beta-carotene oxygenase 2	-1,1
12862774	767905	GLIPR1	GLI pathogenesis-related 1	-1,1
12872859	100298456	LOC100298456	similar to Wolfram syndrome 1 protein homolog	-1,1
12792851	522854	BAG5	BCL2-associated athanogene 5	-1,1
12851540	539218	CALU	calumenin	-1,1
12732310	519816	AASDHPPT	aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase	-1,1
12868634	617860	SPATS2	spermatogenesis associated, serine-rich 2	-1,1
12885519	515999	SAR1B	SAR1 homolog B (S. cerevisiae)	-1,1
12737604	618454	LOC618454	similar to Uncharacterized protein C1orf115 homolog	-1,1
12713191	100139386	20ALPHA-HSD	placental and ovary 20alpha hydroxysteroid dehydrogenase protein	-1,1
12906380	100138392	LOC100138392	similar to coagulation factor VIII-associated protein	-1,1
12697067	614242	RAB8B	RAB8B, member RAS oncogene family	-1,1
12788050	538650	NLN	neurolysin (metallopeptidase M3 family)	-1,1

12799571	530577	SACM1L	SAC1 suppressor of actin mutations 1-like (yeast)	-1,1
12724167	280827	IL7	interleukin 7	-1,1
12682223	541166	ETV5	ets variant 5	-1,1
12776033	510160	TTC30A	tetratricopeptide repeat domain 30A	-1,1
12886486	532953	CETN3	centrin, EF-hand protein, 3 (CDC31 homolog, yeast)	-1,1
12689969	524920	MYEF2	myelin expression factor 2	-1,1
12847267	613851	SLC30A7	solute carrier family 30 (zinc transporter), member 7	-1,1
12851480	538970	C4H7orf25	chromosome 7 open reading frame 25 ortholog	-1,1
12904815	531644	C1GALT1C1	C1GALT1-specific chaperone 1	-1,1
12732081	514442	HARBI1	harbinger transposase derived 1	-1,1
12879860	524957	RASGRF2	Ras protein-specific guanine nucleotide-releasing factor 2	-1,1
12843331	505463	GADD45A	growth arrest and DNA-damage-inducible, alpha	-1,1
12766703	100295656	LOC100295656	hypothetical LOC100295656	-1,1
12848320	788729	BCL9	B-cell CLL/lymphoma 9	-1,1
12838776	518992	PTPN22	protein tyrosine phosphatase, non-receptor type 22 (lymphoid)	-1,1
12870876	512034	PRSS12	protease, serine, 12 (neurotrypsin, motopsin)	-1,1
12825944	404101	BMPR1A	bone morphogenetic protein receptor, type IA	-1,1
12768182	505551	MYCBPAP	MYCBP associated protein	-1,1
12782592	530171	KLHDC7A	kelch domain containing 7A	-1,1
12857375	338044	SLC38A2	solute carrier family 38, member 2	-1,1
12823271	784700	LOC784700	hypothetical LOC784700	-1,1
12759042	613358	MT1E	metallothionein 1E	-1,1
12862825	767990	ATXN10	ataxin 10	-1,1
12737294	614962	MGC151592	hypothetical LOC614962	-1,1
12863986	281543	TPI1	triosephosphate isomerase 1	-1,1
12869493	100138953	BBS7	Bardet-Biedl syndrome 7	-1,1
12727830	514214	CASP1	caspase 1, apoptosis-related cysteine peptidase (interleukin 1, beta, convertase)	-1,1
12871296	522459	GUF1	GUF1 GTPase homolog (S. cerevisiae)	-1,1
12688769	509393	MGC166084	hypothetical LOC509393	-1,1
12820347	533207	GBF1	golgi-specific brefeldin A resistant guanine nucleotide exchange factor 1	-1,1
12833840	515925	FADS3	fatty acid desaturase 3	-1,1
12766875	100336815	LOC100336815	hypothetical protein LOC100336815	-1,1
12889092	281613	AK3L1	adenylate kinase 3-like 1	-1,1
12789892	512717	RCN2	reticulocalbin 2, EF-hand calcium binding domain	-1,1
12827605	281072	LYST	lysosomal trafficking regulator	-1,1
12779913	100294880	LOC100294880	similar to upregulated during skeletal muscle growth 5	-1,1
12884686	509964	KANK3	KN motif and ankyrin repeat domains 3	-1,1
12857834	505078	APOL3	apolipoprotein L, 3	-1,1
12861724	539286	LARP4	La ribonucleoprotein domain family, member 4	-1,1
12858967	510716	LOC510716	similar to solute carrier family 11 (proton-coupled divalent metal ion transporters), member 2	-1,1
12757631	519314	LOC519314	similar to zinc finger protein 792	-1,1
12907686	508412	MCTS1	malignant T cell amplified sequence 1	-1,1
12729681	540781	TBCEL	tubulin folding cofactor E-like	-1,1
12904656	527845	ACOT9	acyl-CoA thioesterase 9	-1,1
12783772	539740	LOC539740	similar to FLJ44048 protein	-1,1
12907379	493686	TLR7	toll-like receptor 7	-1,1
12687880	280720	BRB	brain ribonuclease	-1,1
12852752	100313433	MIR2284B	microRNA mir-2284b	-1,1
12774536	281833	HSPE1	heat shock 10kDa protein 1 (chaperonin 10)	-1,1
12890988	531757	LOC531757	similar to Aminopeptidase O (AP-O)	-1,1
12774353	281122	DPP4	dipeptidyl-peptidase 4	-1,1
12882359	787344	ATG10	ATG10 autophagy related 10 homolog (S. cerevisiae)	-1,1
12797483	784766	RBMS3	RNA binding motif, single stranded interacting protein	-1,1
12744286	540588	MAML3	similar to KIAA1816 protein	-1,1

12870571	506721	PITX2	paired-like homeodomain 2	-1,1
12755719	281682	CFDP1	craniofacial development protein 1	-1,1
12883887	505406	DBN1	drebrin 1	-1,1
12754707	787074	LOC787074	similar to HKR1	-1,1
12808867	100138286	CABLES1	Cdk5 and Abl enzyme substrate 1	-1,1
12786132	534970	RPL26L1	ribosomal protein L26-like 1	-1,1
12806870	618070	LOC618070	similar to olfactory receptor 131	-1,1
12901355	615226	GRIK5	glutamate receptor, ionotropic, kainate 5	-1,1
12812255	511461	MKL2	MKL/myocardin-like 2	-1,1
12771261	527796	LOC527796	similar to Putative serine/threonine-protein kinase F31E3.2	-1,1
12834394	532848	LOC532848	similar to hCG2036584	-1,1
12691995	615932	CCNB1IP1	cyclin B1 interacting protein 1	-1,1
12850598	524139	CBLL1	Cas-Br-M (murine) ecotropic retroviral transforming sequence-like 1	-1,1
12690238	529849	FAM148A	C2 calcium-dependent domain containing 4B	-1,1
12797911	100337145	LOC100337145	hyaluronidase-1-like	-1,1
12890409	515858	C8H9orf82	chromosome 9 open reading frame 82 ortholog	-1,1
12684698	515180	MFN1	mitofusin 1	-1,1
12735989	520385	CAMSAP1L1	calmodulin regulated spectrin-associated protein 1-like 1	-1,1
12829596	352958	CTSC	cathepsin C	-1,1
12843481	506730	MACF1	microtubule-actin crosslinking factor 1	-1,1
12860821	531557	LOC531557	similar to MGC152498 protein	-1,1
12798216	408013	CACNA1D	calcium channel, voltage-dependent, L type, alpha 1D subunit	-1,1
12735094	506206	MR1	major histocompatibility complex, class I-related	-1,1
12801263	353106	PPARD	peroxisome proliferator-activated receptor delta	-1,1
12827902	507899	CBARA1	calcium binding atopy-related autoantigen 1	-1,1
12873825	508527	BOD1L	biorientation of chromosomes in cell division 1-like	-1,1
12770745	517743	NOL11	nucleolar protein 11	-1,1
12779084	613795	ZBTB8OS	zinc finger and BTB domain containing 8 opposite strand	-1,1
12897900	533724	ZUFSP	zinc finger with UFM1-specific peptidase domain	-1,1
12754725	787287	ZNF471	zinc finger protein 471	-1,1
12704860	508615	RBM18	RNA binding motif protein 18	-1,1
12697841	788119	NFATC4	nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 4	-1,1
12755655	281196	GLG1	Golgi apparatus protein 1	-1,1
12718958	511160	RAB18	RAB18, member RAS oncogene family	-1,1
12840526	538818	DAB1	disabled homolog 1 (Drosophila)	-1,1
12821894	510393	BLNK	B-cell linker	-1,1
12830083	508234	SIPA1	signal-induced proliferation-associated 1	-1,1
12733148	539736	JRKL	jerky homolog-like (mouse)	-1,1
12902637	100336637	LOC100336637	Nik related kinase-like	-1,1
12878480	510078	ZNF354A	zinc finger protein 354A	-1,1
12853297	408000	40793	septin 7	-1,1
12859585	514979	CLEC6A	C-type lectin domain family 6, member A	-1,1
12828038	512308	MMRN2	multimerin 2	-1,1
12870580	506980	PGM2	phosphoglucomutase 2	-1,1
12785032	100337333	LOC100337333	fibroblast growth factor 10-like	-1,1
12890176	512950	FGD3	FYVE, RhoGEF and PH domain containing 3	-1,1
12844361	512288	KCNJ13	potassium inwardly-rectifying channel, subfamily J, member 13	-1,1
12903024	286825	WDR44	WD repeat domain 44	-1,1
12811000	100196899	LOC100196899	hypothetical LOC100196899	-1,1
12866766	526771	TEAD4	TEA domain family member 4	-1,1
12727038	505422	EHF	ets homologous factor	-1,1
12794254	100335533	LOC100335533	natural killer-tumor recognition sequence-like	-1,1

12751114	511982	LOC511982	similar to solute carrier family 7 (cationic amino acid transporter, y+ system), member 3	-1,1
12894985	539180	RAB14	RAB14, member RAS oncogene family	-1,1
12728622	527089	LAYN	layilin	-1,1
12908428	515978	SYTL4	synaptotagmin-like 4	-1,1
12840345	537464	DOCK7	dedicator of cytokinesis 7	-1,1
12860190	522188	PTPRR	protein tyrosine phosphatase, receptor type, R	-1,1
12721773	287022	YWHAZ	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide	-1,1
12706247	524585	TTF1	transcription termination factor, RNA polymerase I	-1,1
12684508	513309	GFM1	G elongation factor, mitochondrial 1	-1,1
12896459	100336915	LOC100336915	pleckstrin homology domain containing, family G (with RhoGef domain) member 1-like	-1,1
12726215	781953	MATN2	matrilin 2	-1,1
12716669	539424	SPAG6	sperm associated antigen 6	-1,1
12855169	535387	BBS9	Bardet-Biedl syndrome 9	-1,1
12736176	522319	LOC522319	hypothetical LOC522319	-1,1
12832539	100336656	LOC100336656	fermitin family homolog 3-like	-1,1
12801905	513606	POLH	polymerase (DNA directed), eta	-1,1
12862491	616674	CLEC4A	C-type lectin domain family 4, member A	-1,1
12798073	317697	ITPR1	inositol 1,4,5-triphosphate receptor, type 1	-1,1
12803236	539635	FAM65B	family with sequence similarity 65, member B	-1,1
12788072	538841	ZSWIM6	zinc finger, SWIM-type containing 6	-1,1
12789104	282446	IDH3A	isocitrate dehydrogenase 3 (NAD+) alpha	-1,1
12902417	100297621	LOC100297621	similar to dystrophin Dp427c	-1,1
12909853	540179	GPC4	glypican 4	-1,1
12825667	790027	CCDC110	coiled-coil domain containing 110	-1,1
12813675	538197	LOC538197	similar to KIAA0420	-1,1
12787312	511595	PARP8	poly (ADP-ribose) polymerase family, member 8	-1,1
12904467	523477	SCML2	sex comb on midleg-like 2 (Drosophila)	-1,1
12821141	100125267	LIPA	lipase A, lysosomal acid, cholesterol esterase	-1,1
12900858	533438	TFB1M	transcription factor B1, mitochondrial	-1,1
12741367	767999	WDR26	WD repeat domain 26	-1,1
12827493	100336508	LOC100336508	excision repair cross-complementing rodent repair deficiency, complementation group 6-like	-1,1
12776928	521533	MMADHC	methylmalonic aciduria (cobalamin deficiency) cblD type, with homocystinuria	-1,1
12841451	618089	LSM10	LSM10, U7 small nuclear RNA associated	-1,1
12883021	100337450	LOC100337450	PRELI domain containing 2-like	-1,1
12867608	537791	AEBP2	AE binding protein 2	-1,1
12860539	527476	SLC38A4	solute carrier family 38, member 4	-1,1
12720625	538509	C13H10ORF97	chromosome 10 open reading frame 97 ortholog	-1,1
12852904	281040	CAV1	caveolin 1, caveolae protein, 22kDa	-1,1
12880720	535494	PPIC	peptidylprolyl isomerase C (cyclophilin C)	-1,1
12831731	541248	RSF1	remodeling and spacing factor 1	-1,1
12829151	100294785	LOC100294785	similar to ribosomal protein L22 like 1	-1,1
12738297	100337196	LOC100337196	Kinesin-like protein at 3A-like	-1,1
12793937	783876	LOC783876	similar to hCG1643032	-1,1
12885011	512318	SLU7	SLU7 splicing factor homolog (S. cerevisiae)	-1,1
12724561	507407	MSC	musculin (activated B-cell factor-1)	-1,1
12863010	783893	LOC783893	similar to ankyrin repeat domain	-1,1
12743577	533936	KLHL2	kelch-like 2, Mayven (Drosophila)	-1,1
12874867	532862	SEC24B	SEC24 family, member B (S. cerevisiae)	-1,1
12888519	788287	LOC788287	similar to Olfactory receptor 90	-1,1
12742902	518844	BRAP	BRCA1 associated protein	-1,1
12697215	616131	LHFPL2	lipoma HMGIC fusion partner-like 2	-1,1
12887370	540354	LOC540354	similar to Olfactory receptor 10H4	-1,1
12795207	510276	RASSF1	Ras association (RalGDS/AF-6) domain family member 1	-1,1

12722346	513589	SLA	Src-like-adaptor	-1,1
12889669	507688	GLDC	glycine dehydrogenase (decarboxylating)	-1,1
12814901	100140434	ZKSCAN1	zinc finger with KRAB and SCAN domains 1	-1,1
12791813	404191	ANPEP	alanyl (membrane) aminopeptidase	-1,1
12851048	534227	DOCK4	dedicator of cytokinesis 4	-1,1
12743489	532701	RSRC2	arginine/serine-rich coiled-coil 2	-1,1
12680540	516526	CRYBG3	beta-gamma crystallin domain containing 3	-1,1
12785165	386587	GDNF	glial cell derived neurotrophic factor	-1,1
12877402	404059	IGIP	IgA regulatory protein	-1,1
12900172	514003	CDC40	cell division cycle 40 homolog (S. cerevisiae)	-1,1
12784520	767940	RBBP4	retinoblastoma binding protein 4	-1,1
12889086	281536	TLR4	toll-like receptor 4	-1,1
12718011	281528	TGM2	transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase)	-1,1
12681848	539234	STAG1	stromal antigen 1	-1,1
12680824	521387	TRAPPC10	trafficking protein particle complex 10	-1,1
12894888	538441	LOC538441	similar to chromosome 9 open reading frame 41	-1,1
12897554	524334	L3MBTL3	l(3)mbt-like 3 (Drosophila)	-1,1
12728839	531682	CAT	catalase	-1,1
12820377	533901	TNKS2	tankyrase, TRF1-interacting ankyrin-related ADP-ribose polymerase 2	-1,1
12700884	525800	CCDC85A	coiled-coil domain containing 85A	-1,1
12870043	281810	HADHA	hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase (trifunctional protein), alpha subunit	-1,1
12737450	616928	LOC616928	hypothetical LOC616928	-1,1
12759234	615348	PPP1R14A	protein phosphatase 1, regulatory (inhibitor) subunit 14A	-1,1
12695167	518637	PSMC6	proteasome (prosome, macropain) 26S subunit, ATPase, 6	-1,1
12835548	100298387	LOC100298387	similar to guanylate binding protein 2	-1,1
12788226	540573	STC2	stanniocalcin 2	-1,1
12900309	515894	LOC515894	hypothetical protein LOC515894	-1,1
12890056	510950	KIAA1712	KIAA1712	-1,1
12899445	281103	CTGF	connective tissue growth factor	-1,1
12798165	407144	TRNT1	tRNA nucleotidyl transferase, CCA-adding, 1	-1,1
12712593	538461	KBTBD6	kelch repeat and BTB (POZ) domain containing 6	-1,1
12689317	514642	TRPM7	transient receptor potential cation channel, subfamily M, member 7	-1,1
12877487	504524	GM2A	GM2 ganglioside activator	-1,1
12891218	535430	DNAJC25	DnaJ (Hsp40) homolog, subfamily C , member 25	-1,1
12867839	539481	FGD6	FYVE, RhoGEF and PH domain containing 6	-1,1
12844704	514223	ILKAP	integrin-linked kinase-associated serine/threonine phosphatase 2C	-1,1
12766683	100294937	LOC100294937	similar to keratin associated protein 3-3	-1,1
12740122	532090	LMOD1	leiomodulin 1 (smooth muscle)	-1,1
12745024	100139484	RAPGEF2	Rap guanine nucleotide exchange factor (GEF) 2	-1,1
12779594	781016	CWC22	CWC22 spliceosome-associated protein homolog (S. cerevisiae)	-1,1
12866241	516380	TULP3	tubby like protein 3	-1,1
12890580	520186	CEP110	centrosomal protein 110kDa	-1,1
12701990	538946	LOC538946	similar to olfactory receptor, family 1, subfamily Q, member 1	-1,1
12906409	100141016	ZNF81	zinc finger protein 81	-1,1
12772092	538611	KRT40	keratin 40	-1,1
12891069	533746	DPYSL2	dihydropyrimidinase-like 2	-1,1
12779866	100140733	LOC100140733	similar to FLJ44048 protein	-1,1
12714569	508658	PTPN1	protein tyrosine phosphatase, non-receptor type 1	-1,1

12808035	525909	CHST9	carbohydrate (N-acetylgalactosamine 4-0) sulfotransferase 9	-1,1
12901993	100336628	LOC100336628	alpha 1,2-mannosidase-like	-1,1
12682526	617569	LOC617569	similar to Uncharacterized protein C3orf44	-1,1
12687319	785410	LOC785410	similar to RGD motif, leucine rich repeats, tropomodulin domain and proline-rich containing	-1,1
12901412	616158	LOC616158	similar to C44B7.4	-1,1
12784301	615773	FAM119A	family with sequence similarity 119, member A	-1,1
12710415	539378	SACS	spastic ataxia of Charlevoix-Saguenay (sacsin)	-1,1
12839187	525647	MKNK1	MAP kinase interacting serine/threonine kinase 1	-1,1
12701187	531017	AHSA2	AHA1, activator of heat shock 90kDa protein ATPase homolog 2 (yeast)	-1,1
12758513	533687	RHPN2	rhophilin, Rho GTPase binding protein 2	-1,1
12726663	281057	CD44	CD44 molecule (Indian blood group)	-1,1
12688963	511245	CHST14	carbohydrate (N-acetylgalactosamine 4-0) sulfotransferase 14	-1,1
12896051	786798	LOC786798	similar to Bile acid Coenzyme A: amino acid N-acyltransferase (glycine N-choloyltransferase)	-1,1
12858722	509799	BAZ2A	bromodomain adjacent to zinc finger domain, 2A	-1,1
12782474	527841	BOLL	bol, boule-like (Drosophila)	-1,1
12845054	517559	LOC517559	similar to histone deacetylase 4	-1,1
12895699	781425	MCART1	mitochondrial carrier triple repeat 1	-1,1
12709719	517531	MIPEP	mitochondrial intermediate peptidase	-1,1
12739756	518609	CD55	CD55 molecule, decay accelerating factor for complement (Cromer blood group)	-1,1
12789378	505600	UTP14A	UTP14, U3 small nucleolar ribonucleoprotein, homolog A (yeast)	-1,1
12725344	516900	C14H8ORF70	chromosome 8 open reading frame 70 ortholog	-1,1
12732358	521837	MPZL3	myelin protein zero-like 3	-1,1
12823106	615232	INPP5A	inositol polyphosphate-5-phosphatase, 40kDa	-1,1
12773423	784069	LOC784069	similar to heat shock transcription factor family member 5	-1,1
12706802	533248	CCDC88A	coiled-coil domain containing 88A	-1,1
12791616	281374	FURIN	furin (paired basic amino acid cleaving enzyme)	-1,1
12819085	504301	ACADSB	acyl-Coenzyme A dehydrogenase, short/branched chain	-1,1
12864320	338472	GABARAPL1	GABA(A) receptor-associated protein like 1	-1,1
12891053	533527	PPP3CC	protein phosphatase 3 (formerly 2B), catalytic subunit, gamma isoform	-1,1
12874924	533156	DAPP1	dual adaptor of phosphotyrosine and 3-phosphoinositides	-1,1
12909850	540117	SLITRK2	SLIT and NTRK-like family, member 2	-1,1
12716027	529410	POLR3F	polymerase (RNA) III (DNA directed) polypeptide F, 39 kDa	-1,1
12829389	281240	IGF2	insulin-like growth factor 2 (somatomedin A)	-1,1
12906285	791022	MIR545	microRNA mir-545	-1,1
12707336	538717	FNBP1	formin binding protein 1	-1,1
12797381	781811	HESX1	HESX homeobox 1	-1,1
12851996	616398	DFNA5	deafness, autosomal dominant 5	-1,1
12744319	613372	NAA25	N(alpha)-acetyltransferase 25, NatB auxiliary subunit	-1,1
12732926	536969	SYT9	synaptotagmin IX	-1,1
12745837	506192	AP1B1	adaptor-related protein complex 1, beta 1 subunit	-1,1
12705390	511904	TGOLN2	trans-golgi network protein 2	-1,1
12745052	100139987	LOC100139987	hypothetical protein LOC100139987	-1,1
12907306	286791	BDA20	major allergen BDA20	-1,1
12709424	509382	SETDB2	SET domain, bifurcated 2	-1,1
12854315	518526	MGC137452	CD36 antigen like	-1,1
12689136	513215	C10H14ORF53	chromosome 14 open reading frame 53 ortholog	-1,1

12788561	785429	LOC785429	similar to Transcriptional adaptor 2 (ADA2 homolog, yeast)-like	-1,1
12852732	100313205	MIR2420	microRNA mir-2420	-1,1
12848299	788039	ARL4C	ADP-ribosylation factor-like 4C	-1,1
12764440	534204	C19H17orf42	chromosome 17 open reading frame 42 ortholog	-1,1
12816938	516885	ZKSCAN5	zinc finger with KRAB and SCAN domains 5	-1,1
12759760	782961	LOC782961	similar to Steroidogenic acute regulator	-1,1
12797765	100299027	LOC100299027	hypothetical protein LOC100299027	-1,1
12772551	613286	LOC613286	similar to mitochondrial ribosomal protein L53	-1,1
12681790	538532	GOLIM4	golgi integral membrane protein 4	-1,1
12717616	788680	FASTKD5	FAST kinase domains 5	-1,1
12678498	280722	APP	amyloid beta (A4) precursor protein	-1,1
12685058	523536	ZNF639	zinc finger protein 639	-1,1
12700376	518785	LOC518785	similar to ATPase family AAA domain-containing protein 2B	-1,1
12728994	533996	PHLDB1	pleckstrin homology-like domain, family B, member 1	-1,1
12794662	505750	LRIG1	leucine-rich repeats and immunoglobulin-like domains 1	-1,1
12857922	505696	PTPRB	protein tyrosine phosphatase, receptor type, B	-1,1
12726077	617064	OTUD6B	OTU domain containing 6B	-1,1
12893122	507990	ASPN	asporin	-1,1
12892040	781304	LOC781304	hypothetical LOC781304	-1,1
12884669	509796	DPYSL3	dihydropyrimidinase-like 3	-1,1
12871217	519098	CLPH	chromosome 4 open reading frame 35 ortholog	-1,1
12693599	282856	PCK2	phosphoenolpyruvate carboxykinase 2 (mitochondrial)	-1,1
12733347	541301	GPR83	G protein-coupled receptor 83	-1,1
12803260	539829	KIAA1949	KIAA1949	-1,1
12826033	505889	PPYR1	pancreatic polypeptide receptor 1	-1,1
12876682	100337291	LOC100337291	GTPase regulator associated with the focal adhesion kinase pp125-like	-1,1
12687481	100125237	PTPLAD1	protein tyrosine phosphatase-like A domain containing 1	-1,1
12794610	504597	RFT1	RFT1 homolog (S. cerevisiae)	-1,1
12848811	280714	AHR	aryl hydrocarbon receptor	-1,1
12690804	535424	ATL1	atlastin GTPase 1	-1,1
12719512	516469	ENKUR	enkurin, TRPC channel interacting protein	-1,1
12725399	521261	PCMTD1	protein-L-isoaspartate (D-aspartate) O-methyltransferase domain containing 1	-1,1
12884605	509506	LOC509506	similar to Cytochrome P450, family 4, subfamily F, polypeptide 2	-1,1
12824747	100336879	LOC100336879	defensin, beta 103A-like	-1,1
12837920	512078	AP4B1	adaptor-related protein complex 4, beta 1 subunit	-1,1
12771945	535982	TBX2	T-box 2	-1,1
12733445	614671	C1QTNF5	C1q and tumor necrosis factor related protein 5	-1,1
12900414	517953	RPS6KA2	ribosomal protein S6 kinase, 90kDa, polypeptide 2	-1,1
12747676	537503	SMARCA5	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 5	-1,1
12843038	444859	ST3GAL3	ST3 beta-galactoside alpha-2,3-sialyltransferase 3	-1,1
12875517	540733	RCHY1	ring finger and CHY zinc finger domain containing 1	-1,1
12789017	281117	DLK1	delta-like 1 homolog (Drosophila)	-1,1
12862782	767917	SPCS3	signal peptidase complex subunit 3 homolog (S. cerevisiae)	-1,1
12803704	618588	RAB23	RAB23, member RAS oncogene family	-1,1
12679315	507280	TM4SF18	transmembrane 4 L six family member 18	-1,1
12851559	539308	SMO	smoothened homolog (Drosophila)	-1,1
12838991	522279	DENND2C	DENN/MADD domain containing 2C	-1,1
12745177	100297992	LOC100297992	similar to spermatogenesis associated 5	-1,1
12797388	782214	IL17RD	interleukin 17 receptor D	-1,1
12870120	282209	CSN1S2	casein alpha-S2	-1,1

12876642	100337150	LOC100337150	protocadherin gamma subfamily A, 6-like	-1,1
12780219	281537	TNP1	transition protein 1 (during histone to protamine replacement)	-1,1
12807461	281110	CYB5A	CYB5 protein	-1,1
12717004	616039	LOC616039	similar to Pancreatic trypsin inhibitor precursor (Basic protease inhibitor) (BPI) (BPTI) (Aprotinin)	-1,1
12849764	509326	TBXAS1	thromboxane A synthase 1 (platelet, cytochrome P450, family 5, subfamily A)	-1,1
12778967	540766	SP3	Sp3 transcription factor	-1,1
12891585	540746	BNC2	basonuclein 2	-1,1
12722357	513776	FBXO32	F-box protein 32	-1,1
12809729	515285	CEP76	centrosomal protein 76kDa	-1,1
12908922	526702	ACRC	acidic repeat containing	-1,1
12688744	509181	JKAMP	JNK1/MAPK8-associated membrane protein	-1,1
12756319	505541	RASIP1	Ras interacting protein 1	-1,1
12733548	616239	TCN1	transcobalamin I (vitamin B12 binding protein, R binder family)	-1,1
12834273	528815	LOC528815	similar to pregnancy-associated glycoprotein 6	-1,1
12903563	508820	MGC151962	similar to melanoma antigen family A, 10	-1,1
12887828	616125	LOC616125	similar to olfactory receptor 1357	-1,1
12781386	511983	SCRN3	secernin 3	-1,1
12686603	613595	LOC613595	similar to Lactate dehydrogenase B	-1,1
12908904	526026	ZNF711	zinc finger protein 711	-1,1
12829230	100313357	MIR2406	microRNA mir-2406	-1,1
12840009	534657	ST7L	suppression of tumorigenicity 7 like	-1,1
12831282	531079	TIRAP	toll-interleukin 1 receptor (TIR) domain containing adaptor protein	-1,1
12896756	493722	QKI	quaking homolog, KH domain RNA binding (mouse)	-1,1
12730634	100336920	LOC100336920	protein tyrosine phosphatase, receptor-type, F interacting protein, binding protein 2-like	-1,1
12903657	510998	MPP1	membrane protein, palmitoylated 1, 55kDa	-1,1
12680936	522347	MASP1	mannan-binding lectin serine peptidase 1 (C4/C2 activating component of Ra-reactive factor)	-1,1
12683171	100337356	LOC100337356	N-acetylated alpha-linked acidic dipeptidase 2-like	-1,1
12687064	618362	KRTAP6-3	keratin associated protein 6-3	-1,1
12807700	506509	SEH1L	SEH1-like (S. cerevisiae)	-1,1
12683464	282306	PIK3CA	phosphoinositide-3-kinase, catalytic, alpha polypeptide	-1,1
12861889	540105	FMNL3	formin-like 3	-1,1
12894805	536760	DENND4C	DENN/MADD domain containing 4C	-1,1
12697629	783907	ANG2	angiogenin 2	-1,1
12694448	510374	ZNF609	zinc finger protein 609	-1,1
12873780	508383	GNPDA2	glucosamine-6-phosphate deaminase 2	-1,1
12680662	518370	TBC1D23	TBC1 domain family, member 23	-1,1
12717715	100138864	LOC100138864	similar to Eukaryotic initiation factor 4A-II (ATP-dependent RNA helicase eIF4A-2) (eIF4A-II) (eIF-4A-II)	-1,1
12837477	509585	CXCR7	chemokine (C-X-C motif) receptor 7	-1,1
12719466	515590	HSPA12B	heat shock 70kD protein 12B	-1,1
12694599	512187	NUMB	numb homolog (Drosophila)	-1,1
12786682	782745	LOC782745	similar to TCTE1L	-1,1
12849726	508903	TMEM106B	transmembrane protein 106B	-1,1
12697103	614773	ZFP36L1	zinc finger protein 36, C3H type-like 1	-1,1
12837670	510910	CD84	CD84 molecule	-1,1
12710948	100139818	EFNB2	ephrin-B2	-1,1
12713312	100297097	LOC100297097	hypothetical protein LOC100297097	-1,1
12832591	100336918	LOC100336918	protein kinase C-binding protein NELL1-like	-1,1
12888697	100139730	COL15A1	collagen, type XV, alpha 1	-1,1

12804601	282425	CYP21A2	cytochrome P450, family 21, subfamily A, polypeptide 2	-1,1
12775628	100125947	LOC100125947	hypothetical protein LOC100125947	-1,1
12886238	529463	BEST2	bestrophin 2	-1,1
12733609	616948	TRIM6	tripartite motif-containing 6	-1,1
12857400	353105	STAT6	signal transducer and activator of transcription 6, interleukin-4 induced	-1,1
12734842	407770	PLXNA2	plexin A2	-1,1
12798583	507188	GLB1	galactosidase, beta 1	-1,1
12894613	533916	ECM2	extracellular matrix protein 2, female organ and adipocyte specific	-1,1
12769754	511953	FBXW10	F-box and WD repeat domain containing 10	-1,1
12846170	533276	RABGGTB	Rab geranylgeranyltransferase, beta subunit	-1,1
12808881	100138748	THOC1	THO complex 1	-1,1
12894704	535379	ABCA1	ATP-binding cassette, sub-family A (ABC1), member 1	-1,1
12724980	512656	VPS13B	vacuolar protein sorting 13 homolog B (yeast)	-1,1
12888810	100299266	LOC100299266	hypothetical protein LOC100299266	-1,1
12774044	100313286	MIR2354	microRNA mir-2354	-1,1
12820602	537203	DOCK1	dedicator of cytokinesis 1	-1,1
12786624	617091	ENC1	ectodermal-neural cortex (with BTB-like domain)	-1,1
12705093	510183	EHD3	EH-domain containing 3	-1,1
12689026	511650	AGGF1	angiogenic factor with G patch and FHA domains 1	-1,1
12684392	511328	B4GALT4	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 4	-1,1
12849526	504616	STEAP2	six transmembrane epithelial antigen of the prostate 2	-1,1
12744130	540259	TRPV4	transient receptor potential cation channel, subfamily V, member 4	-1,1
12756086	493738	KLK1	kallikrein 1	-1,1
12808614	614734	LOC614734	similar to Transmembrane protein C18orf45 homolog	-1,1
12712281	530547	UFM1	ubiquitin-fold modifier 1	-1,1
12697184	615767	LOC615767	similar to olfactory receptor MOR106-11	-1,1
12709949	526950	UBL3	ubiquitin-like 3	-1,1
12895633	777785	TXNDC8	thioredoxin domain containing 8 (spermatozoa)	-1,1
12770366	515011	ITGA2B	integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41)	-1,1
12802577	527615	SLC35B3	solute carrier family 35, member B3	-1,1
12845607	527058	RLF	rearranged L-myc fusion	-1,1
12707526	540217	ZBTB26	zinc finger and BTB domain containing 26	-1,1
12880912	537480	PTPRS	protein tyrosine phosphatase, receptor type, S	-1,1
12857895	505464	PUS7L	pseudouridylate synthase 7 homolog (S. cerevisiae)-like	-1,1
12877198	282662	VCAN	versican	-1,1
12781155	510814	STAT1	signal transducer and activator of transcription 1, 91kDa	-1,1
12683999	507647	DSCR3	Down syndrome critical region protein 3	-1,1
12784294	615703	PPIL3	peptidylprolyl isomerase (cyclophilin)-like 3	-1,1
12755764	281792	GNAO1	guanine nucleotide binding protein (G protein), alpha activating activity polypeptide O	-1,1
12800886	100139739	PBX2	pre-B-cell leukemia transcription factor 2	-1,1
12896699	286818	PREP	prolyl endopeptidase	-1,1
12893623	513329	LOC513329	similar to Equ c1	-1,1
12876997	282032	RASA1	RAS p21 protein activator (GTPase activating protein) 1	-1,1
12686165	538846	JAM2	junctional adhesion molecule 2	-1,1
12768951	508586	SCO1	SCO cytochrome oxidase deficient homolog 1 (yeast)	-1,1
12871562	532600	TMEM165	transmembrane protein 165	-1,1
12787697	520291	CARD6	caspase recruitment domain family, member 6	-1,1
12808560	540248	SMAD4	SMAD family member 4	-1,1
12721273	784675	KIAA1462	hypothetical protein LOC784675	-1,1

12825753	100336756	LOC100336756	solute carrier family 29 (nucleoside transporters), member 3-like	-1,1
12706282	525099	LOC525099	similar to rCG45771	-1,1
12774274	100337030	LOC100337030	hypothetical protein LOC100337030	-1,1
12835181	783785	ROBO4	roundabout homolog 4, magic roundabout (Drosophila)	-1,1
12718768	508133	SDC4	syndecan 4	-1,1
12721857	404168	HNF4G	hepatocyte nuclear factor 4, gamma	-1,1
12842594	281094	CSF1	colony stimulating factor 1 (macrophage)	-1,1
12795157	510095	C22H3ORF63	chromosome 3 open reading frame 63 ortholog	-1,1
12711403	506625	NHLRC3	NHL repeat containing 3	-1,1
12780706	505671	RFTN2	raftlin family member 2	-1,1
12685288	527910	SKIL	SKI-like oncogene	-1,1
12678773	282194	COL6A2	collagen, type VI, alpha 2	-1,1
12846183	533523	DDR2	discoidin domain receptor tyrosine kinase 2	-1,1
12797969	281986	PLCD1	phospholipase C, delta 1	-1,1
12779277	615626	PTMA	prothymosin, alpha (gene sequence 28)	-1,1
12736286	523474	NOL9	nucleolar protein 9	-1,1
12687321	785790	LOC785790	similar to FLJ16641 protein	-1,1
12906774	100336969	LOC100336969	alpha-galactosidase A-like	-1,1
12878948	513572	ERAP2	endoplasmic reticulum aminopeptidase 2	-1,1
12730338	784976	LOC784976	similar to olfactory receptor 560 (predicted)	-1,1
12713287	100296236	LOC100296236	similar to WAP four-disulfide core domain 10A	-1,1
12783823	540251	HOXD10	homeobox D10	-1,1
12732155	515501	ARHGAP20	Rho GTPase activating protein 20	-1,1
12851850	614871	GIMAP7	GTPase, IMAP family member 7	-1,1
12761440	504278	ABCA9	ATP-binding cassette, sub-family A (ABC1), member 9	-1,1
12893765	514066	FBP2	fructose-1,6-bisphosphatase 2	-1,1
12756042	444864	PEG3	paternally expressed 3	-1,1
12827055	613941	C28H10ORF116	chromosome 10 open reading frame 116 ortholog	-1,1
12730133	768233	ELMOD1	ELMO/CED-12 domain containing 1	-1,1
12794180	100294787	LOC100294787	similar to cyclic AMP phosphoprotein, 19 kD	-1,1
12743321	528601	PRAME	preferentially expressed antigen in melanoma	-1,1
12691113	538778	DACT1	dapper, antagonist of beta-catenin, homolog 1 (Xenopus laevis)	-1,1
12787576	518501	BRX1	BRX1, biogenesis of ribosomes, homolog (S. cerevisiae)	-1,1
12907457	505258	GYG2	glycogenin 2	-1,1
12707461	539339	RAB1A	RAB1A, member RAS oncogene family	-1,1
12881911	617345	VAV1	vav 1 guanine nucleotide exchange factor	-1,1
12889817	508357	LOC508357	chromosome 9 open reading frame 102 ortholog	-1,1
12788161	539780	NAIP	NLR family, apoptosis inhibitory protein	-1,1
12866426	519656	NEUROD4	neurogenic differentiation 4	-1,1
12693791	493724	NP	nucleoside phosphorylase	-1,1
12814933	100295741	LOC100295741	hypothetical protein LOC100295741	-1,1
12889066	281105	CTSB	cathepsin B	-1,1
12762418	509257	LOC509257	similar to Rho GTPase-activating protein RICH2 (Rho-type GTPase-activating protein RICH2) (RhoGAP interacting with CIP4 homologs protein 2) (RICH-2) (NPC-A-10)	-1,1
12828537	534612	ARID4B	AT rich interactive domain 4B (RBP1-like)	-1,1
12761069	282262	IGFBP4	insulin-like growth factor binding protein 4	-1,1
12906724	100336717	LOC100336717	killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 5A-like	-1,1
12686484	540539	HRASLS	HRAS-like suppressor	-1,1
12787942	535951	ITGA1	integrin, alpha 1	-1,1
12803865	782301	LOC782301	similar to seven transmembrane helix receptor	-1,1
12801060	280986	AGER	advanced glycosylation end product-specific receptor	-1,1
12784162	614508	ACADL	acyl-Coenzyme A dehydrogenase, long chain	-1,1

12795452	512966	TMEM103	transmembrane protein 103	-1,1
12757444	516979	IRF3	interferon regulatory factor 3	-1,1
12752709	531942	BCL3	B-cell CLL/lymphoma 3	-1,1
12898823	614292	AKIRIN2	akirin 2	-1,1
12884652	509769	SNX2	sorting nexin 2	-1,1
12872900	100299043	LOC100299043	hypothetical protein LOC100299043	-1,1
12824864	337916	IRF2	interferon regulatory factor 2	-1,1
12736694	534069	TGFB2	transforming growth factor, beta 2	-1,1
12896371	100336568	LOC100336568	laminin alpha 5-like	-1,1
12710595	614348	MGC148992	similar to RGC-32	-1,1
12733776	768017	MGC137061	hypothetical protein MGC137061	-1,1
12905443	540188	LOC540188	hypothetical LOC540188	-1,1
12772567	613582	CDR2L	cerebellar degeneration-related protein 2-like	-1,1
12765581	617087	MXRA7	matrix-remodelling associated 7	-1,1
12706135	520454	RAPGEF1	Rap guanine nucleotide exchange factor (GEF) 1	-1,1
12766769	100301003	LOC100301003	similar to intercellular adhesion molecule 2	-1,1
12835657	100336606	LOC100336606	colony stimulating factor 2 receptor alpha chain-like	-1,1
12883920	505627	GRAMD3	GRAM domain containing 3	-1,1
12710335	537649	LOC537649	hypothetical LOC537649	-1,1
12817799	534647	CDR2	cerebellar degeneration-related protein 2, 62kDa	-1,1
12680257	514168	PDXK	pyridoxal (pyridoxine, vitamin B6) kinase	-1,1
12897272	517044	TBX18	T-box 18	-1,1
12702658	615854	NELF	nasal embryonic LHRH factor	-1,1
12771894	535664	GPRC5C	G protein-coupled receptor, family C, group 5, member C	-1,1
12848622	100313452	MIR196B	microRNA mir-196b	-1,1
12679174	506187	ACAP2	ArfGAP with coiled-coil, ankyrin repeat and PH domains 2	-1,1
12873727	507537	SPARCL1	SPARC-like 1 (hevin)	-1,1
12755494	100336431	LOC100336431	zinc finger protein 570-like	-1,1
12851502	539121	MLL5	myeloid/lymphoid or mixed-lineage leukemia 5 (trithorax homolog, Drosophila)	-1,1
12697693	785309	LOC785309	similar to hCG1793330	-1,1
12861991	540637	LIMA1	LIM domain and actin binding 1	-1,1
12706838	533440	TSC1	tuberous sclerosis 1	-1,1
12853932	512375	TWISTNB	TWIST neighbor	-1,1
12730126	768227	DNAJC24	DnaJ (Hsp40) homolog, subfamily C, member 24	-1,1
12836228	404146	S100A13	8KDa amlexanox-binding protein	-1,1
12902805	280733	BGN	biglycan	-1,1
12874274	515580	GRPEL1	GrpE-like 1, mitochondrial (E. coli)	-1,1
12850682	525559	ZNF398	zinc finger protein 398	-1,1
12888854	100313240	MIR2475	microRNA mir-2475	-1,1
12825573	617788	UFSP2	UFM1-specific peptidase 2	-1,1
12843627	507240	PRPF38A	PRP38 pre-mRNA processing factor 38 (yeast) domain containing A	-1,1
12882623	100126817	LOC100126817	hypothetical protein LOC100126817	-1,1
12805811	517139	LOC517139	similar to histone cluster 1, H3f	-1,1
12838910	521961	VAV3	vav 3 guanine nucleotide exchange factor	-1,1
12748765	100140488	CCL17	chemokine (C-C motif) ligand 17	-1,1
12679276	506921	SLC15A2	solute carrier family 15 (H+/peptide transporter), member 2	-1,1
12703748	100337088	LOC100337088	endoglin-like	-1,1
12781005	509423	PLEKHA3	pleckstrin homology domain containing, family A (phosphoinositide binding specific) member 3	-1,1
12778106	535883	HIBCH	3-hydroxyisobutyryl-Coenzyme A hydrolase	-1,1
12789630	508999	KLC1	kinesin light chain 1	-1,1
12728040	515576	DCHS1	dachsous 1 (Drosophila)	-1,1
12738469	281246	IL10	interleukin 10	-1,1
12887724	615089	PGPEP1	pyroglutamyl-peptidase I	-1,1

12848186	785713	ATP8B2	ATPase, class I, type 8B, member 2	-1,1
12898018	534061	TRDN	triadin	-1,1
12679184	506307	EIF5A2	eukaryotic translation initiation factor 5A2	-1,1
12726775	281918	MRV11	murine retrovirus integration site 1 homolog	-1,1
12820841	541239	C26H10ORF6	chromosome 10 open reading frame 6 ortholog	-1,1
12710196	534712	RB1	retinoblastoma 1	-1,1
12812950	520552	GAL3ST4	galactose-3-O-sulfotransferase 4	-1,1
12740137	532635	RCOR3	REST corepressor 3	-1,1
12827219	781917	DDX21	DEAD (Asp-Glu-Ala-Asp) box polypeptide 21	-1,1
12723257	536822	TMEM64	transmembrane protein 64	-1,1
12772142	538801	40790	septin 4	-1,1
12759352	617052	ZDHHC7	zinc finger, DHHC-type containing 7	-1,1
12710478	541201	N4BP2L2	NEDD4 binding protein 2-like 2	-1,1
12733379	613764	LOC613764	hypothetical LOC613764	-1,1
12902720	100336888	LOC100336888	hypothetical protein LOC100336888	-1,1
12879566	521633	LNPEP	leucyl/cystinyl aminopeptidase	-1,1
12894967	539139	KLF9	Kruppel-like factor 9	-1,1
12700802	523902	VRK2	vaccinia related kinase 2	-1,1
12709624	513331	PHF11	PHD finger protein 11	-1,1
12762736	511030	GOSR1	golgi SNAP receptor complex member 1	-1,1
12875211	535372	SGCB	sarcoglycan, beta (43kDa dystrophin-associated glycoprotein)	-1,1
12757284	514407	GMFG	glia maturation factor, gamma	-1,1
12823026	614147	TM9SF3	transmembrane 9 superfamily member 3	-1,1
12776974	522932	PAQR7	progesterin and adipoQ receptor family member VII	-1,1
12848614	100313295	MIR2423	microRNA mir-2423	-1,1
12802955	535297	DST	dystonin	-1,1
12867449	535794	ARNTL2	aryl hydrocarbon receptor nuclear translocator-like 2	-1,1
12785437	510083	LOC510083	similar to dedicator of cytokinesis 2	-1,1
12889422	505824	NTRK2	neurotrophic tyrosine kinase, receptor, type 2	-1,1
12887796	615789	PRR16	proline rich 16	-1,1
12688037	281612	AKAP5	A kinase (PRKA) anchor protein 5	-1,1
12899008	768209	SFRS18	splicing factor, arginine/serine-rich 18	-1,1
12690306	530910	FRMD6	FERM domain containing 6	-1,1
12723553	617606	DEPDC6	DEP domain containing 6	-1,1
12907381	493736	KIR3DS1	killer cell immunoglobulin-like receptor, three domains, short cytoplasmic tail, 1	-1,1
12693536	281915	MMP14	matrix metalloproteinase 14 (membrane-inserted)	-1,1
12896579	100337502	LOC100337502	rCG25924-like	-1,1
12723293	538628	RUNX1T1	runt-related transcription factor 1; translocated to, 1 (cyclin D-related)	-1,1
12678716	282087	SYNJ1	synaptojanin 1	-1,1
12723143	534991	STMN2	stathmin-like 2	-1,1
12811433	282176	ADAP1	ArfGAP with dual PH domains 1	-1,1
12727234	508070	LOC508070	similar to mCG1046517	-1,1
12777323	528262	LOC528262	intestinal alkaline phosphatase VI	-1,1
12894902	538528	FBXO8	F-box protein 8	-1,1
12695929	531907	EXOC5	exocyst complex component 5	-1,1
12717862	100313279	MIR2304	microRNA mir-2304	-1,1
12867721	538606	PPP1R12A	protein phosphatase 1, regulatory (inhibitor) subunit 12A	-1,1
12850443	519161	LOC519161	similar to olfactory receptor 461	-1,1
12732228	516904	LOC516904	similar to olfactory receptor 564 (predicted)	-1,1
12875758	616115	NFKB1	nuclear factor of kappa light polypeptide gene enhancer in B-cells 1	-1,1
12820892	614509	MXI1	MAX interactor 1	-1,1
12696941	541215	TTBK2	tau tubulin kinase 2	-1,1
12742187	505840	RILPL1	Rab interacting lysosomal protein-like 1	-1,1
12733284	540914	MPPED2	metallophosphoesterase domain containing 2	-1,1

12780102	280794	FN1	fibronectin 1	-1,1
12717531	786236	LOC786236	similar to NSFL1 (p97) cofactor (p47)	-1,1
12784836	100296398	LOC100296398	similar to RAN binding protein 3	-1,1
12759221	615269	EID2	EP300 interacting inhibitor of differentiation 2	-1,1
12823768	510156	CYP4V2	cytochrome P450, family 4, subfamily V, polypeptide 2	-1,1
12891316	537654	PIP5K1B	phosphatidylinositol-4-phosphate 5-kinase, type I, beta	-1,1
12742911	519148	STX2	syntaxin 2	-1,1
12786748	100295835	LRRC70	leucine rich repeat containing 70	-1,1
12709514	512184	CDADC1	cytidine and dCMP deaminase domain containing 1	-1,1
12823732	509427	AP3M2	adaptor-related protein complex 3, mu 2 subunit	-1,1
12768609	507837	BAIAP2	BAI1-associated protein 2	-1,1
12789902	512904	EML1	echinoderm microtubule associated protein like 1	-1,1
12752750	532668	ZNF821	zinc finger protein 821	-1,1
12872517	616757	BST1	bone marrow stromal cell antigen 1	-1,1
12826933	540046	LOC540046	similar to Protein GCAP14 homolog	-1,1
12762367	508943	MAP3K3	mitogen-activated protein kinase kinase kinase 3	-1,1
12837441	508928	MRPS15	mitochondrial ribosomal protein S15	-1,1
12805908	524166	RNF144B	ring finger protein 144B	-1,1
12782240	523441	CLASP1	cytoplasmic linker associated protein 1	-1,1
12818957	281975	PDE6C	phosphodiesterase 6C, cGMP-specific, cone, alpha prime	-1,1
12753402	539365	ZNF432	zinc finger protein 432	-1,1
12690071	527393	DYX1C1	dyslexia susceptibility 1 candidate 1	-1,1
12823923	513036	LEPROTL1	leptin receptor overlapping transcript-like 1	-1,1
12894529	532684	LOXL2	lysyl oxidase-like 2	-1,1
12687079	767899	B3GNT5	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 5	-1,1
12712387	534496	MYCBP2	MYC binding protein 2	-1,1
12872932	100300400	LOC100300400	similar to clock	-1,1
12746535	513840	VPS29	vacuolar protein sorting 29 homolog (S. cerevisiae)	-1,1
12823690	507012	TACC1	transforming, acidic coiled-coil containing protein 1	-1,1
12733421	614584	WT1	Wilms tumor 1	-1,1
12726317	100125776	LOC100125776	olfactory receptor	-1,1
12750841	510329	ATP2C2	ATPase, Ca++ transporting, type 2C, member 2	-1,1
12712726	613731	LOC613731	similar to fibroblast growth factor 9	-1,1
12858484	507778	IL22	interleukin 22	-1,1
12882504	789504	LOC789504	similar to Olfactory receptor 7A5 (Olfactory receptor OR19-17) (Olfactory receptor TPCR92)	-1,1
12789359	505547	PRPF39	PRP39 pre-mRNA processing factor 39 homolog (S. cerevisiae)	-1,1
12751163	512302	CDH13	cadherin 13, H-cadherin (heart)	-1,1
12718310	504598	SLPI	secretory leukocyte peptidase inhibitor	-1,1
12868732	618565	KLRD1	killer cell lectin-like receptor subfamily D, member 1	-1,1
12775963	509522	FUCA1	fucosidase, alpha-L- 1, tissue	-1,1
12679912	511665	PDE9A	phosphodiesterase 9A	-1,1
12758952	540209	TSHZ3	teashirt zinc finger homeobox 3	-1,1
12904552	525644	OPHN1	oligophrenin 1	-1,1
12711158	282191	COL4A1	collagen, type IV, alpha 1	-1,1
12729539	539703	P2RY6	pyrimidinergic receptor P2Y, G-protein coupled, 6	-1,1
12894119	520994	PTCH1	patched homolog 1 (Drosophila)	-1,1
12686960	615978	CHST2	carbohydrate (N-acetylglucosamine-6-O) sulfotransferase 2	-1,1
12757043	512876	GPR4	G protein-coupled receptor 4	-1,1
12895667	781282	SVEP1	sushi, von Willebrand factor type A, EGF and pentraxin domain containing 1	-1,1
12851446	537811	PHF14	PHD finger protein 14	-1,1
12763562	519276	LOC519276	similar to matrix metallopeptidase 28 (epilysin)	-1,1
12795395	512570	LZTFL1	leucine zipper transcription factor-like 1	-1,1

12838532	515723	STK40	serine/threonine kinase 40	-1,1
12828494	534319	NID1	nidogen 1	-1,1
12841230	615507	GSTM3	glutathione S-transferase mu 3 (brain)	-1,1
12847837	767988	C3H1orf230	chromosome 1 open reading frame 230 ortholog	-1,1
12731099	504317	LRP4	low density lipoprotein receptor-related protein 4	-1,1
12797673	789632	ZCWPW2	zinc finger, CW type with PWWP domain 2	-1,1
12726472	100300575	LOC100300575	similar to olfactory receptor 154	-1,1
12902744	100336990	LOC100336990	zinc finger protein 75D-like	-1,1
12849825	509821	ELMO1	engulfment and cell motility 1	-1,1
12831635	539967	SPTY2D1	SPT2, Suppressor of Ty, domain containing 1 (<i>S. cerevisiae</i>)	-1,1
12816911	516334	GPRC5B	G protein-coupled receptor, family C, group 5, member B	-1,1
12788935	100337435	LOC100337435	TNFAIP2 protein-like	-1,1
12710505	613543	CENPJ	centromere protein J	-1,1
12679662	510240	RRP1B	ribosomal RNA processing 1 homolog B (<i>S. cerevisiae</i>)	-1,1
12888279	785624	LOC785624	similar to olfactory receptor, family 7, subfamily A, member 17	-1,1
12678583	281148	ETS2	v-ets erythroblastosis virus E26 oncogene homolog 2 (avian)	-1,1
12791580	280699	SERPINA1	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1	-1,1
12713247	100196900	LOC100196900	hypothetical LOC100196900	-1,1
12786303	539556	PDE4D	phosphodiesterase 4D, cAMP-specific (phosphodiesterase E3 dunce homolog, <i>Drosophila</i>)	-1,1
12710385	539359	LMO7	LIM domain 7	-1,1
12776037	510162	DARS	aspartyl-tRNA synthetase	-1,1
12826506	527790	WDFY4	WDFY family member 4	-1,1
12839980	534439	PDZK1	PDZ domain containing 1	-1,1
12799866	534513	CCDC66	coiled-coil domain containing 66	-1,1
12683527	286819	EIF4A2	eukaryotic translation initiation factor 4A, isoform 2	-1,1
12794522	408019	CCR4	chemokine (C-C motif) receptor 4	-1,1
12764421	534038	C19H17ORF48	chromosome 17 open reading frame 48 ortholog	-1,1
12781974	520327	KYNU	kynureninase (L-kynurenine hydrolase)	-1,1
12829082	100126192	H19	H19, imprinted maternally expressed transcript (non-protein coding)	-1,1
12823898	512533	FRG1	FSHD region gene 1	-1,1
12740595	538392	CDC42BPA	CDC42 binding protein kinase alpha (DMPK-like)	-1,1
12842453	100313318	MIR760	microRNA mir-760	-1,1
12838424	514249	TM2D1	TM2 domain containing 1	-1,1
12717895	100337001	LOC100337001	ankyrin repeat domain 26-like	-1,1
12847465	615438	BTBD19	BTB (POZ) domain containing 19	-1,1
12692933	100296123	LOC100296123	hypothetical protein LOC100296123	-1,1
12689920	524130	STARD9	StAR-related lipid transfer (START) domain containing 9	-1,1
12679876	511603	PDIA5	protein disulfide isomerase family A, member 5	-1,1
12685636	532923	GOLGB1	golgin B1, golgi integral membrane protein	-1,1
12702608	615287	YIPF4	Yip1 domain family, member 4	-1,1
12787518	516852	PDZD2	PDZ domain containing 2	-1,1
12731181	504857	LOC504857	similar to olfactory receptor MOR31-4	-1,1
12713415	100313127	MIR2305	microRNA mir-2305	-1,1
12896505	100337052	LOC100337052	laminin alpha 4-like	-1,1
12895145	540904	SMARCA2	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 2	-1,1
12729603	540026	LOC540026	similar to Rho guanine nucleotide exchange factor (GEF) 17	-1,1
12805836	518996	RNF182	ring finger protein 182	-1,1
12691624	541218	POLK	polymerase (DNA directed) kappa	-1,1
12906585	100313245	MIR2483	microRNA mir-2483	-1,1

12855916	616366	PODXL	podocalyxin-like	-1,1
12793978	784903	LOC784903	similar to Uncharacterized protein C15orf39	-1,1
12699543	509135	REL	v-rel reticuloendotheliosis viral oncogene homolog (avian)	-1,1
12820137	526279	CASP7	caspase 7, apoptosis-related cysteine peptidase	-1,1
12717016	616189	ZNF133	zinc finger protein 133	-1,1
12863436	100140494	LRMP	lymphoid-restricted membrane protein	-1,1
12738517	281409	PLOD1	procollagen-lysine 1, 2-oxoglutarate 5-dioxygenase 1	-1,1
12835270	788554	LOC788554	similar to olfactory receptor MOR167-3	-1,1
12896353	100335987	LOC100335987	nuclear transcription factor-Y beta-like	-1,1
12853121	281790	GNAI1	guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 1	-1,1
12887514	541123	ARRDC3	arrestin domain containing 3	-1,1
12791782	327690	NDUFB1	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 1, 7kDa	-1,1
12707860	613902	TTL11	tubulin tyrosine ligase-like family, member 11	-1,1
12728830	530990	LOC530990	similar to olfactory receptor Olfr607	-1,1
12760456	100313014	MIR196A-1	microRNA mir-196a-1	-1,1
12805654	515190	CAP2	CAP, adenylate cyclase-associated protein, 2 (yeast)	-1,1
12723659	781493	LOC781493	similar to Collagen alpha-1(XIV) chain precursor (Undulin)	-1,1
12867467	535947	CRY1	cryptochrome 1 (photolyase-like)	-1,1
12906804	100337119	LOC100337119	WNK lysine deficient protein kinase 3-like	-1,1
12682147	540834	XRN1	5'-3' exoribonuclease 1	-1,1
12828424	533336	HERC4	hect domain and RLD 4	-1,1
12820993	616867	MARVELD1	MARVEL domain containing 1	-1,1
12797432	783185	LOC783185	similar to light chain 3	-1,1
12855867	615690	FAM3C	family with sequence similarity 3, member C	-1,1
12691311	540339	METTL3	methyltransferase like 3	-1,1
12692488	785022	LOC785022	similar to Olfactory receptor 4F15 (Olfactory receptor OR15-14)	-1,1
12741467	783955	C16H1orf156	chromosome 1 open reading frame 156 ortholog	-1,1
12751423	513446	BANP	BTG3 associated nuclear protein	-1,1
12776437	514221	COQ10B	coenzyme Q10 homolog B (S. cerevisiae)	-1,1
12906506	100298055	LOC100298055	hypothetical protein LOC100298055	-1,1
12783563	538816	ZCCHC17	zinc finger, CCHC domain containing 17	-1,1
12819574	513279	PPRC1	peroxisome proliferator-activated receptor gamma, coactivator-related 1	-1,1
12732746	533720	SWAP70	SWAP switching B-cell complex 70kDa subunit	-1,1
12861868	540025	RERG	RAS-like, estrogen-regulated, growth inhibitor	-1,1
12866439	520448	KCNMB4	potassium large conductance calcium-activated channel, subfamily M, beta member 4	-1,1
12909107	531674	LOC531674	similar to Zinc finger protein 41	-1,1
12737017	539356	FMO4	flavin containing monooxygenase 4	-1,1
12789562	508153	LOC508153	similar to Myeloid-associated differentiation marker	-1,1
12706623	530018	SEMA4F	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4F	-1,1
12830373	510972	CDKN1C	cyclin-dependent kinase inhibitor 1C (p57, Kip2)	-1,1
12749447	282271	PLA2G15	phospholipase A2, group XV	-1,1
12826891	539329	FUT11	fucosyltransferase 11 (alpha (1,3) fucosyltransferase)	-1,1
12779585	768330	DBI	diazepam binding inhibitor (GABA receptor modulator, acyl-Coenzyme A binding protein)	-1,1
12798204	407219	MITF	microphthalmia-associated transcription factor	-1,1
12890134	512524	SUSD3	sushi domain containing 3	-1,1
12731932	512627	LOC512627	similar to olfactory receptor Olr37	-1,1
12847700	618101	IQCA1	IQ motif containing with AAA domain 1	-1,1
12895953	784026	LOC784026	hypothetical LOC784026	-1,1

12836043	282368	SLC6A9	solute carrier family 6 (neurotransmitter transporter, glycine), member 9	-1,1
12765985	786095	LOC786095	similar to retinoic acid early transcript 1E	-1,1
12716522	536097	SIRPB1	signal-regulatory protein beta 1	-1,1
12748792	100141212	LOC100141212	similar to mKIAA1611 protein	-1,1
12879945	525735	RNF130	ring finger protein 130	-1,1
12772627	613987	TMEM100	transmembrane protein 100	-1,1
12692492	785145	LOC785145	similar to olfactory receptor Olr791	-1,1
12785148	282066	SEPP1	selenoprotein P, plasma, 1	-1,1
12754224	618622	FTO	fat mass and obesity associated	-1,1
12907669	508293	MOSPD2	motile sperm domain containing 2	-1,1
12852579	100125578	LOC100125578	hypothetical protein LOC100125578	-1,1
12727146	506713	CD82	CD82 molecule	-1,1
12893556	513177	PTGR1	prostaglandin reductase 1	-1,1
12842777	282227	FCGR1A	Fc fragment of IgG, high affinity Ia, receptor (CD64)	-1,1
12906096	784390	ASB9	ankyrin repeat and SOCS box-containing 9	-1,1
12855730	614588	DNAJB9	DnaJ (Hsp40) homolog, subfamily B, member 9	-1,1
12687282	785090	KRTAP15-1	keratin associated protein 15-1	-1,1
12751621	514646	LPCAT2	lysophosphatidylcholine acyltransferase 2	-1,1
12695950	531921	SLC28A2	solute carrier family 28 (sodium-coupled nucleoside transporter), member 2	-1,1
12886881	535277	TPM4	tropomyosin 4	-1,1
12862815	767986	C5H12orf29	chromosome 12 open reading frame 29 ortholog	-1,1
12787752	523962	MAP3K1	mitogen-activated protein kinase kinase kinase 1	-1,1
12812748	515834	TGFB1I1	transforming growth factor beta 1 induced transcript 1	-1,1
12766985	280877	NF1	neurofibromin 1	-1,1
12726506	100336675	LOC100336675	Rho guanine nucleotide exchange factor (GEF) 17-like	-1,1
12859830	517887	CYTH4	cytohesin 4	-1,1
12747703	537659	TTC28	tetratricopeptide repeat domain 28	-1,1
12825497	614391	SORBS2	sorbin and SH3 domain containing 2	-1,1
12794888	507486	SHQ1	SHQ1 homolog (S. cerevisiae)	-1,1
12726246	782666	LOC782666	similar to ATP synthase, H ⁺ transporting, mitochondrial F0 complex, subunit G	-1,1
12681063	525962	GNB4	guanine nucleotide binding protein (G protein), beta polypeptide 4	-1,1
12836019	282330	PTGER3	prostaglandin E receptor 3 (subtype EP3)	-1,1
12689668	518542	PRKCH	protein kinase C, eta	-1,1
12808824	785911	ROCK1	Rho-associated, coiled-coil containing protein kinase 1	-1,1
12691088	538508	CCPG1	cell cycle progression 1	-1,1
12793730	616063	LOC616063	similar to myeloid-associated differentiation marker	-1,1
12841126	614061	RNF115	ring finger protein 115	-1,1
12806704	615027	TXNDC5	thioredoxin domain containing 5 (endoplasmic reticulum)	-1,1
12808786	617264	LOC617264	similar to PRDX3 protein	-1,1
12820834	541067	MINPP1	multiple inositol polyphosphate histidine phosphatase, 1	-1,1
12797038	616753	CISH	cytokine inducible SH2-containing protein	-1,1
12896453	100336893	LOC100336893	retinoic acid early transcript 1E-like	-1,1
12713738	282091	PPP1R16B	protein phosphatase 1, regulatory (inhibitor) subunit 16B	-1,1
12903439	507482	FMR1	fragile X mental retardation 1	-1,1
12731763	511622	LOC511622	similar to mCG1046659	-1,1
12765856	781977	SECTM1	secreted and transmembrane 1	-1,1
12690056	526585	F2R	coagulation factor II (thrombin) receptor	-1,1
12681617	535743	SLC9A9	solute carrier family 9 (sodium/hydrogen exchanger), member 9	-1,1
12697204	616089	RNASE4	ribonuclease, RNase A family, 4	-1,1
12744460	615408	40791	septin 5	-1,1
12822999	540895	KCNIP2	Kv channel interacting protein 2	-1,1

12712905	616045	DOCK9	dedicator of cytokinesis 9	-1,1
12836516	504795	FHL3	four and a half LIM domains 3	-1,1
12789506	506787	PDE8A	phosphodiesterase 8A	-1,1
12907047	281165	FLNA	filamin A, alpha	-1,1
12720083	526873	CAMK1D	calcium/calmodulin-dependent protein kinase ID	-1,1
12876018	781988	LOC781988	hypothetical protein LOC781988	-1,1
12706456	527409	MGC151949	similar to glycoprotein galactosyltransferase alpha 1, 3	-1,1
12684119	508571	ATG3	ATG3 autophagy related 3 homolog (S. cerevisiae)	-1,1
12889499	506309	LOC506309	hypothetical LOC506309	-1,1
12684168	509304	LOC509304	hypothetical LOC509304	-1,1
12717002	615706	LOC615706	similar to LOC614778 protein	-1,1
12760486	100313356	MIR2338	microRNA mir-2338	-1,1
12895371	616371	LOC616371	hypothetical LOC616371	-1,1
12746412	512642	TRAFD1	TRAF-type zinc finger domain containing 1	-1,1
12730088	618803	LOC618803	similar to olfactory receptor Olr170	-1,1
12722803	523822	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b	-1,1
12758472	533131	MARVELD3	MARVEL domain containing 3	-1,1
12849474	445417	FZD1	frizzled homolog 1 (Drosophila)	-1,1
12690251	530325	LOC530325	similar to signal peptide peptidase-like 2A	-1,1
12788786	100313046	MIR412	microRNA mir-412	-1,1
12819033	282488	FAS	Fas (TNF receptor superfamily, member 6)	-1,1
12808023	524460	B4GALT6	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 6	-1,1
12807296	100296226	LOC100296226	similar to phorbol-12-myristate-13-acetate-induced protein 1	-1,1
12710639	616707	ABCC4	ATP-binding cassette, sub-family C (CFTR/MRP), member 4	-1,1
12875407	539343	RRH	retinal pigment epithelium-derived rhodopsin homolog	-1,1
12696964	541292	SDCCAG1	serologically defined colon cancer antigen 1	-1,1
12899754	506061	PDE10A	phosphodiesterase 10A	-1,1
12790984	540222	LOC540222	hypothetical protein LOC540222	-1,1
12766949	280741	CA4	carbonic anhydrase IV	-1,1
12902234	100137821	RIPPLY1	rippy1 homolog (zebrafish)	-1,1
12794690	506087	ENTPD3	ectonucleoside triphosphate diphosphohydrolase 3	-1,1
12889125	281778	GCNT1	glucosaminyl (N-acetyl) transferase 1, core 2 (beta-1,6-N-acetylglucosaminyltransferase)	-1,1
12734319	100336902	LOC100336902	dehydrogenase/reductase (SDR family) member 3-like	-1,1
12811513	282412	CACNA1H	calcium channel, voltage-dependent, T type, alpha 1H subunit	-1,1
12910540	784285	LOC784285	similar to TSR2, 20S rRNA accumulation, homolog (S. cerevisiae)	-1,1
12854125	514257	LOC514257	hypothetical LOC514257	-1,1
12851031	533910	DLD	dihydrolipoamide dehydrogenase	-1,1
12748265	781683	FAT4	FAT tumor suppressor homolog 4 (Drosophila)	-1,1
12712877	615760	RAB20	RAB20, member RAS oncogene family	-1,1
12761185	282601	ARF4	ADP-ribosylation factor 4	-1,1
12828047	512400	LOC512400	similar to olfactory receptor Olr601	-1,1
12779859	100138905	LOC100138905	similar to zinc finger protein 665	-1,1
12733176	539997	MPEG1	macrophage expressed 1	-1,1
12857108	282094	TIMP3	TIMP metalloproteinase inhibitor 3	-1,1
12729737	541114	RAB39	RAB39, member RAS oncogene family	-1,1
12776406	512913	IFI6	interferon, alpha-inducible protein 6	-1,1
12838083	513065	TAF13	TAF13 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 18kDa	-1,1
12848949	281660	CALD1	caldesmon 1	-1,1
12884877	511211	SPOCK1	sparc/osteonectin, cwcv and kazal-like domains proteoglycan (testican) 1	-1,1
12900095	512079	PDCD2	programmed cell death 2	-1,1

12882277	785718	LSM11	LSM11, U7 small nuclear RNA associated	-1,1
12828661	537542	RBM34	RNA binding motif protein 34	-1,1
12767675	338035	P2RX5	purinergic receptor P2X, ligand-gated ion channel, 5	-1,1
12892472	100313348	MIR2472	microRNA mir-2472	-1,1
12763683	522767	NTN1	netrin 1	-1,1
12821454	281951	NT5C2	5'-nucleotidase, cytosolic II	-1,1
12905408	539871	RNF12	ring finger protein 12	-1,1
12722604	519993	LRP12	low density lipoprotein receptor-related protein 12	-1,1
12870149	282301	PDGFRA	platelet-derived growth factor receptor, alpha polypeptide	-1,1
12698340	100337410	LOC100337410	hypothetical protein LOC100337410	-1,1
12892645	281357	NPR2	natriuretic peptide receptor B/guanylate cyclase B (atrionatriuretic peptide receptor B)	-1,1
12758477	533145	PHLDB3	pleckstrin homology-like domain, family B, member 3	-1,1
12894756	535671	KDM4C	lysine (K)-specific demethylase 4C	-1,1
12794684	505866	CSPG5	chondroitin sulfate proteoglycan 5 (neuroglycan C)	-1,1
12804999	506107	BAG2	BCL2-associated athanogene 2	-1,1
12841037	613296	TCHH	trichohyalin	-1,1
12875470	540340	SYNPO2	synaptopodin 2	-1,1
12741593	791015	MIR215	microRNA mir-215	-1,1
12814803	100137838	LOC100137838	similar to tripartite motif protein TRIM4	-1,1
12754736	787512	CMTM3	CKLF-like MARVEL transmembrane domain containing 3	-1,1
12686981	616560	PLS1	plastin 1 (I isoform)	-1,1
12745080	100140839	LOC100140839	similar to pRGR1	-1,1
12854527	520472	NAMPT	nicotinamide phosphoribosyltransferase	-1,1
12872851	100297614	LOC100297614	similar to sulfotransferase family 1D, member 1	-1,1
12765376	615388	CD300LG	CD300 molecule-like family member g	-1,1
12828142	518288	P4HA1	prolyl 4-hydroxylase, alpha polypeptide I	-1,1
12697831	787569	LARP6	La ribonucleoprotein domain family, member 6	-1,1
12806832	617566	BMP6	bone morphogenetic protein 6	-1,1
12856817	281058	CD69	CD69 molecule	-1,1
12713980	404172	PTI	pancreatic trypsin inhibitor	-1,1
12730680	100337300	LOC100337300	zinc finger protein 76 (expressed in testis)-like	-1,1
12805264	510511	NOL7	nucleolar protein 7, 27kDa	-1,1
12843576	506783	FCER1A	Fc fragment of IgE, high affinity I, receptor for; alpha polypeptide	-1,1
12877903	506305	RARS	arginyl-tRNA synthetase	-1,1
12843108	504282	PLK3	polo-like kinase 3 (Drosophila)	-1,1
12781425	512912	TUBGCP5	tubulin, gamma complex associated protein 5	-1,1
12855928	616414	RGS2	regulator of G-protein signaling 2, 24kDa	-1,1
12910742	787049	FAM122B	family with sequence similarity 122B	-1,1
12723892	791001	MIR30B	microRNA mir-30b	-1,1
12788922	100337139	LOC100337139	BAZ1A protein-like	-1,1
12900382	516875	IPCEF1	interaction protein for cytohesin exchange factors 1	-1,1
12689684	518746	DLL4	delta-like 4 (Drosophila)	-1,1
12870641	508193	SLC39A8	solute carrier family 39 (zinc transporter), member 8	-1,1
12686176	538938	SEC62	SEC62 homolog (S. cerevisiae)	-1,1
12875503	540694	LNK1	ligand of numb-protein X 1	-1,1
12872721	784077	LOC784077	similar to MGC138009 protein	-1,1
12857394	338437	SOCS2	suppressor of cytokine signaling 2	-1,1
12699482	508944	DUSP11	dual specificity phosphatase 11 (RNA/RNP complex 1-interacting)	-1,1
12904828	532320	WBP5	WW domain binding protein 5	-1,1
12754730	787397	LOC787397	similar to zinc finger protein 607	-1,1
12769470	510923	TRIM25	tripartite motif-containing 25	-1,1
12841311	616488	LRRC39	leucine rich repeat containing 39	-1,1
12750271	507027	GRAMD1A	GRAM domain containing 1A	-1,1
12682890	100139345	LOC100139345	similar to mCG67939	-1,1

12755423	100300871	LOC100300871	similar to ribosomal protein L38	-1,1
12701538	534994	ARHGAP25	Rho GTPase activating protein 25	-1,1
12849898	510767	CYCS	cytochrome c, somatic	-1,1
12756039	404071	MT1A	metallothionein 1E	-1,1
12685166	525716	S100B	S100 calcium binding protein B	-1,1
12680528	515946	CBR1	carbonyl reductase 1	-1,1
12891936	616937	LOC616937	similar to K06A9.1b	-1,1
12787307	511575	GPX8	glutathione peroxidase 8 (putative)	-1,1
12821793	507725	C26H10orf84	chromosome 10 open reading frame 84 ortholog	-1,1
12800708	784029	TDGF1	teratocarcinoma-derived growth factor 1	-1,1
12744054	539464	PCDH18	protocadherin 18	-1,1
12789065	281848	IGF1R	insulin-like growth factor 1 receptor	-1,1
12901731	784812	LOC784812	similar to Heat shock transcription factor, Y linked 2	-1,1
12878814	511925	APBA3	amyloid beta (A4) precursor protein-binding, family A, member 3	-1,1
12760916	282081	SOCS3	suppressor of cytokine signaling 3	-1,1
12721602	281678	CEBPD	CCAAT/enhancer binding protein (C/EBP), delta	-1,1
12726751	281914	MMP13	matrix metalloproteinase 13 (collagenase 3)	-1,1
12901691	534871	TNFAIP2	tumor necrosis factor, alpha-induced protein 2	-1,1
12900649	524821	SFT2D1	SFT2 domain containing 1	-1,1
12873529	504728	CCDC109B	coiled-coil domain containing 109B	-1,1
12791429	791007	MIR127	microRNA mir-127	-1,1
12720350	533375	ESF1	ESF1, nucleolar pre-rRNA processing protein, homolog (S. cerevisiae)	-1,1
12909424	535509	AMOT	angiomotin	-1,1
12773545	788123	WSCD1	WSC domain containing 1	-1,1
12737194	540901	PRRX1	paired related homeobox 1	-1,1
12809270	505558	KDSR	3-ketodihydrosphingosine reductase	-1,1
12909544	536628	ACSL4	acyl-CoA synthetase long-chain family member 4	-1,1
12873119	100337360	LOC100337360	T-cell activation Rho GTPase-activating protein-like	-1,1
12853278	407996	KRIT1	KRIT1, ankyrin repeat containing	-1,1
12726328	100139830	LOC100139830	similar to olfactory receptor 1105	-1,1
12740719	539931	YOD1	YOD1 OTU deubiquinating enzyme 1 homolog (S. cerevisiae)	-1,1
12818938	281801	GRK5	G protein-coupled receptor kinase 5	-1,1
12853370	504216	NPY	neuropeptide Y	-1,1
12868625	617849	MSRB3	methionine sulfoxide reductase B3	-1,1
12856081	781500	LOC781500	hypothetical protein LOC781500	-1,1
12729557	539898	ZBED5	zinc finger, BED-type containing 5	-1,1
12902845	281229	HPRT1	hypoxanthine phosphoribosyltransferase 1	-1,1
12761115	282375	STAT5A	signal transducer and activator of transcription 5A	-1,1
12901622	788775	DLL1	delta-like 1 (Drosophila)	-1,1
12792867	527014	SV2B	synaptic vesicle glycoprotein 2B	-1,1
12887362	540305	S1PR2	sphingosine-1-phosphate receptor 2	-1,1
12725493	525332	RPESP	RPE-spondin	-1,1
12720762	540605	CREM	cAMP responsive element modulator	-1,1
12838072	513053	OLFML2B	olfactomedin-like 2B	-1,1
12821567	407229	ADAM12	ADAM metalloproteinase domain 12	-1,1
12880155	527573	SEMA6B	sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6B	-1,1
12739704	515996	LOC515996	similar to Kynurenine 3-monooxygenase (Kynurenine 3-hydroxylase)	-1,1
12896865	505914	C9H6ORF115	chromosome 6 open reading frame 115 ortholog	-1,1
12906210	786612	PJA1	praja ring finger 1	-1,1
12886108	528149	CHSY3	chondroitin sulfate synthase 3	-1,1
12719126	512694	RBM17	RNA binding motif protein 17	-1,1
12738572	281871	ISG15	ISG15 ubiquitin-like modifier	-1,1
12800529	617510	CCK	cholecystokinin	-1,1
12793341	535578	EGLN3	egl nine homolog 3 (C. elegans)	-1,1

12831049	521902	LOC521902	similar to pregnancy-associated glycoprotein 4	-1,1
12705743	514758	TMEM17	transmembrane protein 17	-1,1
12869746	100337080	LOC100337080	T-cell activation Rho GTPase-activating protein-like	-1,1
12722321	513031	RPL30	ribosomal protein L30	-1,1
12727106	505888	BTBD10	BTB (POZ) domain containing 10	-1,1
12794337	281231	HRH1	histamine receptor H1	-1,1
12771060	522915	TEKT3	tektin 3	-1,1
12726388	100270684	LOC100270684	hypothetical protein LOC100270684	-1,1
12905259	537688	PRPS2	phosphoribosyl pyrophosphate synthetase 2	-1,1
12687479	791011	MIR15B	microRNA mir-15b	-1,1
12789026	281690	CHSY1	chondroitin sulfate synthase 1	-1,1
12775947	509422	FKBP7	FK506 binding protein 7	-1,1
12679945	511769	ABCC5	ATP-binding cassette, sub-family C (CFTR/MRP), member 5	-1,1
12837806	511531	LOC511531	similar to guanylate binding protein 1	-1,1
12750022	505329	CRISPLD2	cysteine-rich secretory protein LCCL domain containing 2	-1,1
12801474	507917	LOC507917	MHC class I heavy chain	-1,1
12831228	529124	FLI1	Friend leukemia virus integration 1	-1,1
12680487	515490	LOC515490	similar to Cdc42 GTPase-activating protein	-1,1
12856231	790124	LOC790124	similar to vasoactive intestinal peptide receptor 2	-1,1
12690780	535352	SCAMP1	secretory carrier membrane protein 1	-1,1
12714215	505971	C13H20orf79	chromosome 20 open reading frame 79 ortholog	-1,1
12848151	785042	HOOK1	hook homolog 1 (Drosophila)	-1,1
12757460	517438	DDX19B	DEAD (Asp-Glu-Ala-As) box polypeptide 19B	-1,1
12788862	100313388	MIR654	microRNA mir-654	-1,1
12681898	539609	LOC539609	similar to calcium-activated potassium channel beta 3 subunit	-1,1
12793027	529775	MGC155141	hypothetical LOC529775	-1,1
12873900	510924	HERC3	hect domain and RLD 3	-1,1
12753619	613932	PLD3	phospholipase D family, member 3	-1,1
12909185	532742	GLA	galactosidase, alpha	-1,1
12754723	787233	BOSTAUV1R407	vomer nasal 1 receptor bosTauV1R407	-1,1
12710102	533105	AKAP11	A kinase (PRKA) anchor protein 11	-1,1
12736229	522392	MXRA8	matrix-remodelling associated 8	-1,1
12840332	537341	PTBP2	polypyrimidine tract binding protein 2	-1,1
12770593	516318	PER1	period homolog 1 (Drosophila)	-1,1
12714210	505964	MYL9	myosin, light chain 9, regulatory	-1,1
12706345	526028	SEMA4C	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4C	-1,1
12828057	514361	ERO1LB	ERO1-like beta (<i>S. cerevisiae</i>)	-1,1
12724797	510463	WDYHV1	WDYHV motif containing 1	-1,1
12907217	282237	GABRA3	gamma-aminobutyric acid (GABA) A receptor, alpha 3	-1,1
12879972	526347	EMR3	similar to EGF-like module-containing mucin-like hormone receptor-like 3 precursor (EGF-like module-containing mucin-like receptor EMR3)	-1,1
12744608	617252	FBXO21	F-box protein 21	-1,1
12690836	535597	RORA	RAR-related orphan receptor A	-1,1
12727397	509890	LOC509890	similar to olfactory receptor, family 5, subfamily B, member 12	-1,1
12719616	517728	NAPB	N-ethylmaleimide-sensitive factor attachment protein, beta	-1,1
12689102	512666	AVEN	apoptosis, caspase activation inhibitor	-1,1
12749627	338062	FCGRT	Fc fragment of IgG, receptor, transporter, alpha	-1,1
12691467	540619	RHOJ	ras homolog gene family, member J	-1,1
12733920	785379	LOC785379	similar to Monoacylglycerol O-acyltransferase 2	-1,1
12723094	533574	ZFAND1	zinc finger, AN1-type domain 1	-1,1

12710425	539465	SLC7A1	solute carrier family 7 (cationic amino acid transporter, y+ system), member 1	-1,1
12682373	614872	RPL22L1	ribosomal protein L22-like 1	-1,1
12897888	533077	PEX7	peroxisomal biogenesis factor 7	-1,1
12731839	512287	LOC512287	similar to dynein, cytoplasmic 2, heavy chain 1	-1,1
12873066	100337120	LOC100337120	T-cell activation Rho GTPase-activating protein-like	-1,1
12801436	507236	LOC507236	similar to zinc finger protein 311	-1,1
12863031	784451	LOC784451	similar to C-type lectin domain family 2, member h	-1,1
12685065	524132	LPP	LIM domain containing preferred translocation partner in lipoma	-1,1
12861107	534252	TBC1D15	TBC1 domain family, member 15	-1,1
12787836	528728	PELO	pelota homolog (Drosophila)	-1,1
12737380	616392	TMEM206	transmembrane protein 206	-1,1
12767469	282376	STAT5B	signal transducer and activator of transcription 5B	-1,1
12728875	532501	LOC532501	similar to olfactory receptor Olr737	-1,1
12831375	532490	LOC532490	similar to olfactory receptor, family 8, subfamily G, member 2	-1,1
12805084	507047	TAF11	TAF11 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 28kDa	-1,1
12837328	508231	RSBN1	round spermatid basic protein 1	-1,1
12732552	528597	ABTB2	ankyrin repeat and BTB (POZ) domain containing 2	-1,1
12872617	767928	RBPJ	recombination signal binding protein for immunoglobulin kappa J region	-1,1
12861819	539882	TUBA1B	tubulin, alpha 1b	-1,1
12836760	505814	HFM1	HFM1, ATP-dependent DNA helicase homolog (S. cerevisiae)	-1,1
12751713	515049	NECAB2	N-terminal EF-hand calcium binding protein 2	-1,1
12724481	506762	TMEM67	transmembrane protein 67	-1,1
12750617	509574	LOC509574	similar to leukocyte immunoglobulin-like receptor	-1,1
12832127	784501	LOC784501	similar to glycerophosphodiester phosphodiesterase domain containing 4	-1,1
12818281	615936	AUTS2	autism susceptibility candidate 2	-1,1
12824307	533174	SNX25	sorting nexin 25	-1,1
12701968	538491	TMEM178	transmembrane protein 178	-1,1
12899033	782527	LOC782527	similar to tripartite motif protein 5 alpha	-1,1
12701783	536267	LOC536267	similar to kinase D-interacting substrate of 220 kDa	-1,1
12728463	523894	C15H11orf46	chromosome 11 open reading frame 46 ortholog	-1,1
12784117	613808	CLK1	CDC-like kinase 1	-1,1
12719555	516658	LOC516658	similar to C27H2.2a	-1,1
12823383	100296328	LOC100296328	hypothetical protein LOC100296328	-1,1
12841973	788858	LIX1L	Lix1 homolog (mouse)-like	-1,1
12806110	531022	TRIM38	tripartite motif-containing 38	-1,1
12762445	509432	ASPA	aspartoacylase (Canavan disease)	-1,1
12718747	507766	ZNF217	zinc finger protein 217	-1,1
12799129	515783	CLEC3B	C-type lectin domain family 3, member B	-1,1
12881728	615130	PCDHB14	protocadherin beta 14	-1,1
12897583	525772	PLEKHG1	pleckstrin homology domain containing, family G (with RhoGef domain) member 1	-1,1
12843338	505511	AHCYL1	adenosylhomocysteinase-like 1	-1,1
12740933	541220	H6PD	hexose-6-phosphate dehydrogenase (glucose 1-dehydrogenase)	-1,1
12886251	529633	CLK4	CDC-like kinase 4	-1,1
12845421	524222	ECM1	extracellular matrix protein 1	-1,1
12750307	507300	FOXC2	forkhead box C2 (MFH-1, mesenchyme forkhead 1)	-1,1
12789309	505130	UBR7	ubiquitin protein ligase E3 component n-recogin 7 (putative)	-1,1
12906024	781876	LOC781876	similar to LOC767881 protein	-1,1
12741910	280792	FGG	fibrinogen gamma chain	-1,1
12788836	100313313	MIR431	microRNA mir-431	-1,1

12759825	785362	SLC6A16	solute carrier family 6, member 16	-1,1
12788579	100125286	FAM177A1	Protein FAM177A1	-1,1
12758403	531539	LOC531539	similar to KIAA1609 protein	-1,1
12904825	532314	ZNF275	zinc finger protein 275	-1,1
12740763	540632	TARDBP	TAR DNA binding protein	-1,1
12788828	100313266	MIR541	microRNA mir-541	-1,1
12709282	507165	HSPH1	heat shock 105kDa/110kDa protein 1	-1,1
12874660	527592	HSD17B11	hydroxysteroid (17-beta) dehydrogenase 11	-1,1
12723735	782847	ZHX1	zinc fingers and homeoboxes 1	-1,1
12909899	540426	MSN	moesin	-1,1
12805669	515354	TBCC	tubulin folding cofactor C	-1,1
12785350	507801	SFRS12	splicing factor, arginine/serine-rich 12	-1,1
12861386	536944	CLEC1A	C-type lectin domain family 1, member A	-1,1
12908368	515411	MGC165780	hypothetical LOC515411	-1,1
12843399	505968	ACADM	acyl-coenzyme A dehydrogenase, C-4 to C-12 straight chain	-1,1
12873177	281099	CSN2	casein beta	-1,1
12720975	617096	CDH26	cadherin 26	-1,1
12868415	615330	YEATS4	YEATS domain containing 4	-1,1
12775258	503625	PLA2G2D4	calcium-dependent phospholipase A2 PLA2G2D4	-1,1
12857159	282348	SCNN1A	sodium channel, nonvoltage-gated 1 alpha	-1,1
12837074	506790	TXNIP	thioredoxin interacting protein	-1,1
12851936	615718	FKBP14	FK506 binding protein 14, 22 kDa	-1,1
12851854	615136	LSM5	LSM5 homolog, U6 small nuclear RNA associated (S. cerevisiae)	-1,1
12704157	352960	TRIB2	tribbles homolog 2 (Drosophila)	-1,1
12909443	535714	AIFM1	apoptosis-inducing factor, mitochondrion-associated, 1	-1,1
12848310	788251	PLEKHO1	pleckstrin homology domain containing, family O member 1	-1,1
12740287	533794	SLC25A33	solute carrier family 25, member 33	-1,1
12900804	531898	LOC531898	similar to chromosome 6 open reading frame 58	-1,1
12702351	540876	ABL1	c-abl oncogene 1, receptor tyrosine kinase	-1,1
12702702	616166	RALGPS1	Ral GEF with PH domain and SH3 binding motif 1	-1,1
12882900	100337044	LOC100337044	CD97 antigen-like	-1,1
12679586	509596	ATP13A5	ATPase type 13A5	-1,1
12888679	100126815	LOC100126815	MHC class I-like family A1	-1,1
12811609	407124	ITGAM	integrin, alpha M (complement component 3 receptor 3 subunit)	-1,1
12788792	100313054	MIR485	microRNA mir-485	-1,1
12790479	528615	DNAJA4	DnaJ (Hsp40) homolog, subfamily A, member 4	-1,1
12690059	526903	ZBTB1	zinc finger and BTB domain containing 1	-1,1
12714001	497011	ID1	inhibitor of DNA binding 1, dominant negative helix-loop-helix protein	-1,1
12882301	786512	PCDHB6	protocadherin beta 6	-1,1
12896715	317776	MYB	v-myb myeloblastosis viral oncogene homolog (avian)	-1,1
12888850	100313236	MIR2468	microRNA mir-2468	-1,1
12799334	521772	CNTN4	contactin 4	-1,1
12785993	530348	LOC530348	similar to mCG118705	-1,1
12868860	767827	C1S	complement component 1, s subcomponent	-1,1
12765456	616315	TOM1L2	target of myb1-like 2 (chicken)	-1,1
12891206	535122	C8H9orf91	transmembrane protein C9orf91 homolog	-1,1
12760345	100141038	CYTH1	cytohesin 1	-1,1
12847652	617437	RGS4	regulator of G-protein signaling 4	-1,1
12823396	100296971	LOC100296971	hypothetical protein LOC100296971	-1,1
12765550	616849	WIPF2	WAS/WASL interacting protein family, member 2	-1,1
12764011	528166	LOC528166	similar to NLR family, pyrin domain containing 1	-1,1
12701930	538151	LOC538151	similar to KIAA1841 protein	-1,1
12692884	100140137	RNASE10	ribonuclease, RNase A family, 10 (non-active)	-1,1

12711752	513632	RCBTB2	regulator of chromosome condensation (RCC1) and BTB (POZ) domain containing protein 2	-1,1
12861380	536696	YAF2	YY1 associated factor 2	-1,1
12685604	532442	RTP4	receptor (chemosensory) transporter protein 4	-1,1
12910548	784704	LOC784704	similar to DnaJ (Hsp40) homolog, subfamily A, member 1	-1,1
12769517	511119	GJC1	gap junction protein, gamma 1, 45kDa	-1,1
12808949	100295873	LOC100295873	similar to cytochrome c oxidase, subunit VIIc	-1,1
12738917	506454	KIAA2013	KIAA2013	-1,1
12690344	531476	JDP2	Jun dimerization protein 2	-1,1
12712638	540287	GPR183	Epstein-Barr virus induced gene 2 (lymphocyte-specific G protein-coupled receptor)	-1,1
12876517	100313229	MIR1434	microRNA mir-1434	-1,1
12688149	282658	ARPP19	cAMP-regulated phosphoprotein, 19kDa	-1,1
12841088	613734	SLC35D1	solute carrier family 35 (UDP-glucuronic acid/UDP-N-acetylgalactosamine dual transporter), member D1	-1,1
12720228	532276	KIF16B	kinesin family member 16B	-1,1
12856920	281511	SYT1	synaptotagmin I	-1,1
12857324	317710	PLBD1	phospholipase B domain containing 1	-1,1
12739558	514936	TMEM51	transmembrane protein 51	-1,1
12903638	510489	SH3KBP1	SH3-domain kinase binding protein 1	-1,1
12862077	541013	MAGOHB	mago-nashi homolog B (Drosophila)	-1,1
12757434	516891	FA2H	fatty acid 2-hydroxylase	-1,1
12906553	100300563	LOC100300563	hypothetical protein LOC100300563	-1,1
12899892	508245	RNASET2	ribonuclease T2	-1,1
12786004	531278	TTC33	tetratricopeptide repeat domain 33	-1,1
12718301	504404	BEND7	BEN domain containing 7	-1,1
12713750	282138	AKR1C4	aldo-keto reductase family 1, member C4 (chlordecone reductase; 3-alpha hydroxysteroid dehydrogenase, type I; dihydrodiol dehydrogenase 4)	-1,1
12825057	510037	RNF122	ring finger protein 122	-1,1
12851293	536508	DPY19L1	dpy-19-like 1 (C. elegans)	-1,1
12835176	782797	LOC782797	similar to olfactory receptor 877	-1,1
12761699	505401	TADA2A	transcriptional adaptor 2A	-1,1
12703271	786620	LOC786620	hypothetical protein LOC786620	-1,1
12703115	782317	LOC782317	hypothetical protein LOC782317	-1,1
12730750	281301	MCAM	melanoma cell adhesion molecule	-1,1
12721397	789154	TNFRSF6B	tumor necrosis factor receptor superfamily, member 6b, decoy	-1,1
12693630	286815	GCH1	GTP cyclohydrolase 1	-1,1
12759714	782481	MAF	v-maf musculoaponeurotic fibrosarcoma oncogene homolog (avian)	-1,1
12708635	787488	AFF3	AF4/FMR2 family, member 3	-1,1
12679345	507522	NPHP3	nephronophthisis 3 (adolescent)	-1,1
12776086	510377	SP140	SP140 nuclear body protein	-1,1
12786613	616293	ERGIC1	endoplasmic reticulum-golgi intermediate compartment (ERGIC) 1	-1,1
12785777	519307	LOC519307	hypothetical LOC519307	-1,1
12796510	536909	SNRK	SNF related kinase	-1,1
12870113	282208	CSN1S1	casein alpha s1	-1,1
12696017	533096	ENTPD5	ectonucleoside triphosphate diphosphohydrolase 5	-1,1
12727916	514818	LOC514818	similar to olfactory receptor MOR227-1	-1,1
12704506	506667	C1D	C1D nuclear receptor co-repressor	-1,1
12849057	282463	PRKAR2B	protein kinase, cAMP-dependent, regulatory, type II, beta	-1,1
12730574	100313408	MIR2284T	microRNA mir-2284t	-1,1
12732039	513841	PAMR1	peptidase domain containing associated with muscle regeneration 1	-1,1
12701712	535837	TRMT61B	tRNA methyltransferase 61 homolog B (S. cerevisiae)	-1,1

12791600	281281	LGMN	legumain	-1,1
12806287	537314	LRRC16A	leucine rich repeat containing 16A	-1,1
12735205	507597	NPL	N-acetylneuraminase pyruvate lyase (dihydrodipicolinate synthase)	-1,1
12841571	768032	C3H1orf141	chromosome 1 open reading frame 141 ortholog	-1,1
12841982	789298	RBM44	RNA binding motif protein 44	-1,1
12824688	100271834	C27H8orf48	chromosome 8 open reading frame 48 ortholog	-1,1
12872909	100299906	LOC100299906	similar to phosphoinositide-3-kinase adaptor protein 1	-1,1
12841455	618094	LOC618094	hypothetical LOC618094	-1,1
12850342	516555	TNS3	tensin 3	-1,1
12789688	510412	GOLGA5	golgi autoantigen, golgin subfamily a, 5	-1,1
12851113	534546	PMPCB	peptidase (mitochondrial processing) beta	-1,1
12749012	100301222	LOC100301222	similar to leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 2	-1,1
12863259	788535	LOC788535	cOR9K3 olfactory receptor family 9 subfamily K-like	-1,1
12906581	100313062	MIR505	microRNA mir-505	-1,1
12801783	512672	LOC512672	major histocompatibility complex, class I	-1,1
12687051	618056	SH3BP5	SH3-domain binding protein 5 (BTK-associated)	-1,1
12773269	781218	LOC781218	similar to Cartilage-associated protein	-1,1
12901299	541264	ZNF292	zinc finger protein 292	-1,1
12744806	785125	ZNF140	zinc finger protein 140	-1,1
12901422	616356	HTR1E	5-hydroxytryptamine (serotonin) receptor 1E	-1,1
12875244	537096	WDFY3	WD repeat and FYVE domain containing 3	-1,1
12877851	506059	ACSL6	acyl-CoA synthetase long-chain family member 6	-1,1
12719021	511976	ITGA8	integrin, alpha 8	-1,1
12696838	540184	MGC159550	hypothetical LOC540184	-1,1
12852316	777690	LRRC17	leucine rich repeat containing 17	-1,1
12697781	786537	LOC786537	similar to zinc finger protein 770	-1,1
12904833	532777	CLIC2	chloride intracellular channel 2	-1,1
12894605	533834	CD274	CD274 molecule	-1,1
12828975	781575	TOMM20	translocase of outer mitochondrial membrane 20 homolog (yeast)	-1,1
12695970	532085	TMOD2	tropomodulin 2 (neuronal)	-1,1
12823387	100296401	LOC100296401	similar to LSM5 homolog, U6 small nuclear RNA associated	-1,1
12685787	534598	IQCB1	IQ motif containing B1	-1,1
12815042	100335173	LOC100335173	hypothetical protein LOC100335173	-1,1
12722742	522795	KLF10	Kruppel-like factor 10	-1,1
12721450	100196897	LOC100196897	hypothetical LOC100196897	-1,1
12806481	539236	LY6G5B	lymphocyte antigen 6 complex, locus G5B	-1,1
12687795	100313073	MIR628	microRNA mir-628	-1,1
12742180	505789	CETN4	centrin 4	-1,1
12693214	100335294	LOC100335294	hypothetical protein LOC100335294	-1,1
12855608	541150	RSBN1L	round spermatid basic protein 1-like	-1,1
12901728	782063	LOC782063	similar to Heat shock transcription factor, Y linked 2	-1,1
12791564	100313334	MIR2362	microRNA mir-2362	-1,1
12824834	282122	VEGFC	vascular endothelial growth factor C	-1,1
12824470	614688	POLB	polymerase (DNA directed), beta	-1,1
12803200	539131	GPR111	G protein-coupled receptor 111	-1,1
12822288	515610	ACTA2	actin, alpha 2, smooth muscle, aorta	-1,1
12796474	535588	ABHD5	abhydrolase domain containing 5	-1,1
12779772	789600	LOC789600	similar to wingless-type MMTV integration site family, member 4	-1,1
12716419	535219	CUL2	cullin 2	-1,1
12719694	518469	GPCPD1	glycerophosphocholine phosphodiesterase GDE1 homolog (S. cerevisiae)	-1,1
12782662	531691	HECW2	HECT, C2 and WW domain containing E3 ubiquitin protein ligase 2	-1,1
12779957	100296544	LOC100296544	hypothetical protein LOC100296544	-1,1

12732636	530705	ARNTL	aryl hydrocarbon receptor nuclear translocator-like	-1,1
12764767	538147	DGKE	diacylglycerol kinase, epsilon 64kDa	-1,1
12736561	531974	NAV1	neuron navigator 1	-1,1
12795231	510486	TMCC1	transmembrane and coiled-coil domain family 1	-1,1
12847333	614493	BNIP1	BCL2/adenovirus E1B 19kD interacting protein like	-1,1
12848919	281585	ABCB1	ATP-binding cassette, sub-family B (MDR/TAP), member 1	-1,1
12776671	515401	LIMS2	LIM and senescent cell antigen-like domains 2	-1,1
12723002	532863	PI15	peptidase inhibitor 15	-1,1
12683957	506782	RFTN1	raftlin, lipid raft linker 1	-1,1
12687785	100297737	LOC100297737	hypothetical protein LOC100297737	-1,1
12693994	505995	RDH11	retinol dehydrogenase 11 (all-trans/9-cis/11-cis)	-1,1
12840607	539067	LOC539067	chromosome 1 open reading frame 103 ortholog	-1,1
12885092	512682	SBNO2	strawberry notch homolog 2 (Drosophila)	-1,1
12683407	282073	ST6GAL1	ST6 beta-galactosamide alpha-2,6-sialyltransferase 1	-1,1
12858928	510518	LLPH	LLP homolog, long-term synaptic facilitation (Aplysia)	-1,1
12843987	509823	PALMD	palmdelphin	-1,1
12904106	515297	TEX11	testis expressed 11	-1,1
12842770	282226	FCER1G	Fc fragment of IgE, high affinity I, receptor for; gamma polypeptide	-1,1
12855777	615201	CLEC5A	C-type lectin domain family 5, member A	-1,1
12856344	100295004	LOC100295004	similar to chymotrypsinogen B1	-1,1
12887005	537712	EBF1	early B-cell factor 1	-1,1
12773008	618112	LOC618112	similar to olfactory receptor Olr1466	-1,1
12806931	618875	LOC618875	similar to Uncharacterized protein C6orf222	-1,1
12789222	504288	AKAP13	A kinase (PRKA) anchor protein 13	-1,1
12888559	789472	SYDE1	synapse defective 1, Rho GTPase, homolog 1 (C. elegans)	-1,1
12836445	504611	EPS8L3	EPS8-like 3	-1,1
12777203	525335	GLS	glutaminase	-1,1
12822696	533538	SGMS1	sphingomyelin synthase 1	-1,1
12703992	282019	PTGES	prostaglandin E synthase	-1,1
12781876	518436	TFCP2L1	transcription factor CP2-like 1	-1,1
12855679	613658	TMEM195	transmembrane protein 195	-1,1
12899536	338092	THBS2	thrombospondin 2	-1,1
12857306	282660	MGP	matrix Gla protein	-1,1
12731635	509651	LOC509651	similar to olfactory receptor, family 2, subfamily AG, member 2	-1,1
12791694	281945	NR2F2	nuclear receptor subfamily 2, group F, member 2	-1,1
12903568	509056	FHL1	four and a half LIM domains 1	-1,1
12715483	520521	DLGAP4	discs, large (Drosophila) homolog-associated protein 4	-1,1
12753342	539275	CHD9	chromodomain helicase DNA binding protein 9	-1,1
12794243	100313485	MIR2372	microRNA mir-2372	-1,1
12711770	514177	IFT88	intraflagellar transport 88 homolog (Chlamydomonas)	-1,1
12730375	785944	LOC785944	similar to cOR8V11 olfactory receptor family 8 subfamily V-like	-1,1
12736190	522344	RGL1	ral guanine nucleotide dissociation stimulator-like 1	-1,1
12759645	618745	CDC42EP5	CDC42 effector protein (Rho GTPase binding) 5	-1,1
12845993	531178	CADM3	cell adhesion molecule 3	-1,1
12864595	505267	MFNG	MFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase	-1,1
12788858	100313379	MIR433	microRNA mir-433	-1,1
12726052	615905	ZNF34	zinc finger protein 34	-1,1
12808852	787106	LOC787106	similar to serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 12	-1,1
12897765	529670	LAMA4	laminin, alpha 4	-1,1
12788806	100313077	MIR665	microRNA mir-665	-1,1
12850708	526460	TSPAN13	tetraspanin 13	-1,1
12870067	281972	PDE5A	phosphodiesterase 5A, cGMP-specific	-1,1

12693349	100337128	LOC100337128	unc-13 homolog C-like	-1,1
12738397	280687	F5	coagulation factor V (proaccelerin, labile factor)	-1,1
12895659	781151	LOC781151	similar to chromosome 1 open reading frame 21	-1,1
12873881	510080	ANTXR2	anthrax toxin receptor 2	-1,1
12808969	100335435	LOC100335435	hypothetical protein LOC100335435	-1,1
12679824	511422	COL6A1	collagen, type VI, alpha 1	-1,1
12689764	519882	SPRED1	sprouty-related, EVH1 domain containing 1	-1,1
12750321	507534	LOC507534	similar to Uncharacterized protein KIAA0513	-1,1
12907114	281293	MAOA	monoamine oxidase A	-1,1
12828746	540308	POLR3A	polymerase (RNA) III (DNA directed) polypeptide A, 155kDa	-1,1
12815511	505016	LAT2	linker for activation of T cells family, member 2	-1,1
12703330	789468	LOC789468	similar to KIAA1155 protein	-1,1
12688063	281740	CYP19A1	cytochrome P450, family 19, subfamily A, polypeptide 1	-1,1
12898434	538226	SESN1	sestrin 1	-1,1
12867888	539655	CDK17	cyclin-dependent kinase 17	-1,1
12749707	408001	MAP1LC3B	microtubule-associated protein 1 light chain 3 beta	-1,1
12829075	100125878	SSLP1	secreted seminal-vesicle Ly-6 protein 1	-1,1
12863245	788258	LOC788258	similar to olfactory receptor Olr1012	-1,1
12888550	789258	LOC789258	similar to zinc finger protein 77 (pT1)	-1,1
12829117	100139585	LOC100139585	similar to Nucleolar transcription factor 1 (Upstream-binding factor 1) (UBF-1)	-1,1
12696234	536375	TMEM229B	transmembrane protein 229B	-1,1
12779639	782719	IL8RB	interleukin 8 receptor, beta	-1,1
12730421	788623	LOC788623	similar to olfactory receptor, family 51, subfamily V, member 1 (predicted)	-1,1
12909023	529689	ATP11C	ATPase, class VI, type 11C	-1,1
12905341	539380	MUM1L1	melanoma associated antigen (mutated) 1-like 1	-1,1
12793638	606737	RTL1	retrotransposon-like 1	-1,1
12890889	528877	NR4A3	nuclear receptor subfamily 4, group A, member 3	-1,1
12786327	539632	ZNF366	zinc finger protein 366	-1,1
12682909	100141289	USP13	ubiquitin specific peptidase 13 (isopeptidase T-3)	-1,1
12908271	514533	MAGEH1	melanoma antigen family H, 1	-1,1
12852537	788640	LOC788640	similar to olfactory receptor Olr87	-1,1
12827269	783645	VCL	vinculin	-1,1
12689567	516077	BNIP2	BCL2/adenovirus E1B 19kDa interacting protein 2	-1,1
12740133	532401	ZNF281	zinc finger protein 281	-1,1
12695388	523755	ITGA11	integrin, alpha 11	-1,1
12872019	538668	TSPAN5	tetraspanin 5	-1,1
12863952	281239	IGF1	insulin-like growth factor 1 (somatomedin C)	-1,1
12708347	767866	NOTCH1	Notch homolog 1, translocation-associated (Drosophila)	-1,1
12800106	540432	MANF	mesencephalic astrocyte-derived neurotrophic factor	-1,1
12775410	506133	TMEM194B	transmembrane protein 194B	-1,1
12893132	508028	SLC28A3	solute carrier family 28 (sodium-coupled nucleoside transporter), member 3	-1,1
12678626	281614	ALCAM	activated leukocyte cell adhesion molecule	-1,1
12814549	787067	METTL9	methyltransferase like 9	-1,1
12798602	507299	LOC507299	similar to glycosyltransferase 8 domain containing 4	-1,1
12855665	613547	RAMP3	receptor (G protein-coupled) activity modifying protein 3	-1,1
12906790	100337093	LOC100337093	zinc finger protein 75-like	-1,1
12725999	614460	PAG1	phosphoprotein associated with glycosphingolipid microdomains 1	-1,2
12856953	281873	ITGA5	integrin, alpha 5 (fibronectin receptor, alpha polypeptide)	-1,2
12895218	574056	TNFSF8	tumor necrosis factor (ligand) superfamily, member 8	-1,2
12857973	505926	BCAT1	branched chain aminotransferase 1, cytosolic	-1,2

12856328	100170921	MIRLET7A-3	microRNA let-7a-3	-1,2
12857660	408015	caV1.2	voltage-gated calcium channel alpha 1C subunit	-1,2
12793988	786759	TRIP11	thyroid hormone receptor interactor 11	-1,2
12894898	538489	ZNF484	zinc finger protein 484	-1,2
12847198	541274	DNAJB4	DnaJ (Hsp40) homolog, subfamily B, member 4	-1,2
12905561	541164	TMEM47	transmembrane protein 47	-1,2
12883806	505123	CHD1	chromodomain helicase DNA binding protein 1	-1,2
12760883	282001	PRKCA	protein kinase C, alpha	-1,2
12901124	538959	EPB41L2	erythrocyte membrane protein band 4.1-like 2	-1,2
12804472	281402	PIM1	pim-1 oncogene	-1,2
12716602	539166	LOC539166	similar to MGC139200 protein	-1,2
12773875	100140338	LOC100140338	similar to nuclear antigen Sp100	-1,2
12776223	511280	NMI	N-myc (and STAT) interactor	-1,2
12900495	520151	ARMC2	armadillo repeat containing 2	-1,2
12869540	100140002	LOC100140002	similar to envelope glycoprotein	-1,2
12750391	507699	HIF3A	hypoxia inducible factor 3, alpha subunit	-1,2
12873446	407237	TLR6	toll-like receptor 6	-1,2
12711284	504526	GAS6	growth arrest-specific 6	-1,2
12705085	510008	FHL2	four and a half LIM domains 2	-1,2
12743709	534620	TAOK3	TAO kinase 3	-1,2
12870016	281751	EIF4E	eukaryotic translation initiation factor 4E	-1,2
12839275	526961	LRRC40	leucine rich repeat containing 40	-1,2
12705450	512112	AGPAT2	1-acylglycerol-3-phosphate O-acyltransferase 2 (lysophosphatidic acid acyltransferase, beta)	-1,2
12754390	768073	OSGIN1	oxidative stress induced growth inhibitor 1	-1,2
12791886	407231	MEF2A	myocyte enhancer factor 2A	-1,2
12808458	538547	LOC538547	similar to Uncharacterized protein KIAA0802	-1,2
12696636	539324	TMEM30B	transmembrane protein 30B	-1,2
12766909	100337186	LOC100337186	Keratin, type I cytoskeletal 20-like	-1,2
12876894	281210	GPX3	glutathione peroxidase 3 (plasma)	-1,2
12841760	785293	IPP	intracisternal A particle-promoted polypeptide	-1,2
12819785	518515	BTBD16	BTB (POZ) domain containing 16	-1,2
12804579	281825	HSPA1A	heat shock 70kDa protein 1A	-1,2
12771754	534297	METRNL	meteorin, glial cell differentiation regulator-like	-1,2
12826670	535403	MYST4	MYST histone acetyltransferase (monocytic leukemia) 4	-1,2
12844992	516742	LOC516742	similar to Histone H4 replacement CG3379-PC	-1,2
12889017	280843	LPL	lipoprotein lipase	-1,2
12701657	535601	SLC3A1	solute carrier family 3 (cystine, dibasic and neutral amino acid transporters, activator of cystine, dibasic and neutral amino acid transport), member 1	-1,2
12854094	514205	SAMD9	sterile alpha motif domain containing 9	-1,2
12894778	536335	KIF27	kinesin family member 27	-1,2
12697094	614507	RAB15	RAB15, member RAS oncogene family	-1,2
12746575	514175	TMEM144	transmembrane protein 144	-1,2
12682776	783734	LOC783734	similar to olfactory receptor, family 5, subfamily H, member 2	-1,2
12708934	100337216	LOC100337216	ATP-binding cassette, sub-family C, member 4-like	-1,2
12875741	615598	TAPT1	transmembrane anterior posterior transformation 1	-1,2
12900538	521179	PM20D2	peptidase M20 domain containing 2	-1,2
12868068	540640	IKIP	IKK interacting protein	-1,2
12866408	518495	LOC518495	similar to MGC152498 protein	-1,2
12772258	539501	HELZ	helicase with zinc finger	-1,2
12802736	532631	ANKS1A	ankyrin repeat and sterile alpha motif domain containing 1A	-1,2
12866101	515310	DUSP6	dual specificity phosphatase 6	-1,2
12858493	507859	NCF4	neutrophil cytosolic factor 4, 40kDa	-1,2
12760947	282139	ALOX15	arachidonate 15-lipoxygenase	-1,2

12857240	282472	SLCO1A2	solute carrier organic anion transporter family, member 1A2	-1,2
12827476	100313106	MIR1296	microRNA mir-1296	-1,2
12682379	614873	B3GALT5	UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 5	-1,2
12848966	281867	INHBA	inhibin, beta A	-1,2
12713828	286849	CD40	CD40 molecule, TNF receptor superfamily member 5	-1,2
12901161	540234	LOC540234	similar to mCG11933	-1,2
12870262	282704	TBC1D1	TBC1 (tre-2/USP6, BUB2, cdc16) domain family, member 1	-1,2
12745474	282433	GUCY1B3	guanylate cyclase 1, soluble, beta 3	-1,2
12772382	539955	LUC7L3	LUC7-like 3 (<i>S. cerevisiae</i>)	-1,2
12723781	784087	LOC784087	similar to Nuclear casein kinase and cyclin-dependent kinase substrate 1	-1,2
12906056	782964	DIAPH2	diaphanous homolog 2 (<i>Drosophila</i>)	-1,2
12906463	100296441	LOC100296441	hypothetical LOC100296441	-1,2
12869814	100337448	LOC100337448	hypothetical protein LOC100337448	-1,2
12788065	538802	TMEM171	transmembrane protein 171	-1,2
12774042	100313251	MIR2917	microRNA mir-2917	-1,2
12907339	407103	TRPC5	transient receptor potential cation channel, subfamily C, member 5	-1,2
12747853	540183	TPST2	tyrosylprotein sulfotransferase 2	-1,2
12873040	100337051	LOC100337051	solute carrier family 2 member 9 protein-like	-1,2
12715964	528635	SFMBT2	Scm-like with four mbt domains 2	-1,2
12748615	100139359	LOC100139359	similar to hCG36740	-1,2
12785247	506636	SEMA5A	sema domain, seven thrombospondin repeats (type 1 and type 1-like), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 5A	-1,2
12838558	515771	B4GALT3	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 3	-1,2
12885239	513101	LOC513101	similar to Olfactory receptor 7A10 (Olfactory receptor OR19-18) (OST027)	-1,2
12695131	518458	SEMA6D	sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6D	-1,2
12847952	781998	LOC781998	similar to olfactory receptor, family 10, subfamily R, member 2	-1,2
12766371	789682	LOC789682	similar to Mast cell antigen 32 precursor (Mast cell Ag-32) (MCA-32)	-1,2
12734811	407152	PTPRC	protein tyrosine phosphatase, receptor type, C	-1,2
12703781	280960	XDH	xanthine dehydrogenase	-1,2
12749712	414735	CDH5	cadherin 5, type 2 (vascular endothelium)	-1,2
12695283	521854	NID2	nidogen 2 (osteonidogen)	-1,2
12879327	518021	ACER1	alkaline ceramidase 1	-1,2
12763615	521099	LOC521099	similar to family with sequence similarity 20, member A	-1,2
12900330	516065	ANKRD6	ankyrin repeat domain 6	-1,2
12750503	508751	CD37	CD37 molecule	-1,2
12816660	513912	SRL	sarcalumenin	-1,2
12700576	521363	LOC521363	similar to GC-rich sequence DNA-binding factor (GCF) (Transcription factor 9) (TCF-9)	-1,2
12892571	280939	TEK	TEK tyrosine kinase, endothelial	-1,2
12909208	533459	BTB	Bruton agammaglobulinemia tyrosine kinase	-1,2
12682437	615631	LOC615631	UPF0524 protein	-1,2
12888180	782989	LOC782989	similar to eukaryotic translation elongation factor 1 alpha 1	-1,2
12842132	100126444	PCP4L1	Purkinje cell protein 4 like 1	-1,2
12697038	613845	LOC613845	similar to chromosome 14 open reading frame 4	-1,2
12792271	510723	LOC510723	similar to ATPase, Class V, type 10A	-1,2
12756265	505165	RRAD	Ras-related associated with diabetes	-1,2
12888576	789635	ZNF333	zinc finger protein 333	-1,2

12910560	784970	LOC784970	hypothetical LOC784970	-1,2
12848566	100299757	LOC100299757	similar to CREBBP/EP300 inhibitor 1	-1,2
12801934	513785	GABBR1	gamma-aminobutyric acid (GABA) B receptor, 1	-1,2
12687068	618840	CBX3	chromobox homolog 3 (HP1 gamma homolog, Drosophila)	-1,2
12776966	522372	SYF2	SYF2 homolog, RNA splicing factor (<i>S. cerevisiae</i>)	-1,2
12780621	504677	PGAP1	post-GPI attachment to proteins 1	-1,2
12816317	511194	ZNF12	zinc finger protein 12	-1,2
12742746	515928	SETD7	SET domain containing (lysine methyltransferase) 7	-1,2
12875951	767842	C4orf32	C4orf32 homolog	-1,2
12706036	517621	MGC139228	hypothetical LOC517621	-1,2
12816951	517246	LOC517246	similar to cytochrome P450 CYP3A24	-1,2
12681884	539290	PLSCR4	phospholipid scramblase 4	-1,2
12707062	535054	PELI1	pellino homolog 1 (<i>Drosophila</i>)	-1,2
12834082	520070	LOC520070	similar to Tumor endothelial marker 1	-1,2
12827392	790867	PPP3CB	protein phosphatase 3 (formerly 2B), catalytic subunit, beta isoform	-1,2
12724359	408005	HEY1	hairy/enhancer-of-split related with YRPW motif 1	-1,2
12892284	791065	MIR23B	microRNA mir-23b	-1,2
12736670	533920	LYPLAL1	lysophospholipase-like 1	-1,2
12907545	506950	MAP7D3	MAP7 domain containing 3	-1,2
12760468	100313150	MIR2335	microRNA mir-2335	-1,2
12709794	523432	WDFY2	WD repeat and FYVE domain containing 2	-1,2
12826413	524694	LOC524694	similar to Paladin	-1,2
12806987	768313	SOX4	SRY (sex determining region Y)-box 4	-1,2
12821078	782633	BAG3	BCL2-associated athanogene 3	-1,2
12869174	783966	LOC783966	similar to ankyrin repeat domain 26	-1,2
12713425	100335794	LOC100335794	transmembrane and coiled-coil domain-containing protein C6orf129 homolog-like	-1,2
12888975	100337159	LOC100337159	atrial natriuretic peptide receptor B-like	-1,2
12765935	785428	DOC2B	double C2-like domains, beta	-1,2
12744724	767933	HSFY2	heat shock transcription factor, Y linked 2	-1,2
12725646	532663	ENPP2	ectonucleotide pyrophosphatase/phosphodiesterase 2	-1,2
12755837	282355	SLC1A5	solute carrier family 1 (neutral amino acid transporter), member 5	-1,2
12856334	100270756	LOC100270756	hypothetical protein LOC100270756	-1,2
12711664	509695	INTS6	integrator complex subunit 6	-1,2
12768779	508378	LGP2	RNA helicase LGP2	-1,2
12743852	535511	SH3D19	SH3 domain containing 19	-1,2
12700783	523745	RASGRP3	RAS guanyl releasing protein 3 (calcium and DAG-regulated)	-1,2
12753428	539675	LOC539675	similar to zinc finger protein 415	-1,2
12685366	529404	CCDC50	coiled-coil domain containing 50	-1,2
12889267	404131	HSDL2	hydroxysteroid dehydrogenase like 2	-1,2
12700098	515700	IL1R2	interleukin 1 receptor, type II	-1,2
12796270	532127	ITGA9	integrin, alpha 9	-1,2
12774550	281956	NXPH2	neurexophilin 2	-1,2
12765731	618601	ULK2	unc-51-like kinase 2 (<i>C. elegans</i>)	-1,2
12796464	535376	TGFBR2	transforming growth factor, beta receptor II (70/80kDa)	-1,2
12771716	534106	ADAP2	ArfGAP with dual PH domains 2	-1,2
12738595	282589	HSD11B1	hydroxysteroid (11-beta) dehydrogenase 1	-1,2
12737259	614253	IRF6	interferon regulatory factor 6	-1,2
12767532	282876	NOS2	nitric oxide synthase 2, inducible	-1,2
12826450	524942	UNC5B	unc-5 homolog B (<i>C. elegans</i>)	-1,2
12788812	100313094	MIR376D	microRNA mir-376d	-1,2
12901874	515860	PXDN	peroxidasin homolog (<i>Drosophila</i>)	-1,2
12825859	281408	PLAU	plasminogen activator, urokinase	-1,2
12736029	520588	LOC520588	similar to chromosome 1 open reading frame 9	-1,2
12701669	535603	ADCY3	similar to type III adenylyl cyclase	-1,2

12718095	282337	RASSF2	Ras association (RalGDS/AF-6) domain family member 2	-1,2
12880033	526631	LOC526631	similar to vav CG7893-PC	-1,2
12836630	505134	ADAR	adenosine deaminase, RNA-specific	-1,2
12893495	512259	HPGD	hydroxyprostaglandin dehydrogenase 15-(NAD)	-1,2
12712024	521181	SLC15A1	solute carrier family 15 (oligopeptide transporter), member 1	-1,2
12847721	618177	SYT11	synaptotagmin XI	-1,2
12811857	505908	PDGFA	platelet-derived growth factor alpha polypeptide	-1,2
12682628	768230	CYYR1	cysteine/tyrosine-rich 1	-1,2
12907413	504576	ZMAT1	zinc finger, matrin type 1	-1,2
12820207	527528	IFIT2	interferon-induced protein with tetratricopeptide repeats 2	-1,2
12857852	505341	HCFC2	host cell factor C2	-1,2
12788987	280985	ACAN	aggrecan	-1,2
12885399	514617	ERAP1	endoplasmic reticulum aminopeptidase 1	-1,2
12869410	788220	LOC788220	similar to olfactory receptor 822	-1,2
12700424	518914	LAMC3	laminin, gamma 3	-1,2
12808965	100313064	MIR544B-2	microRNA mir-544b-2	-1,2
12733842	783210	LOC783210	similar to olfactory receptor MOR204-11	-1,2
12797600	787021	LOC787021	similar to Uncharacterized protein C3orf32	-1,2
12679933	511707	C1H3orf38	chromosome 3 open reading frame 38 ortholog	-1,2
12679533	509461	TMEM45A	transmembrane protein 45A	-1,2
12755848	282369	SLC7A5	solute carrier family 7 (cationic amino acid transporter, y+ system), member 5	-1,2
12856247	790973	MIR29A	microRNA mir-29a	-1,2
12776740	516426	LUZP1	leucine zipper protein 1	-1,2
12844548	513210	LOC513210	similar to fatty acid amide hydrolase	-1,2
12814004	615464	TMEM204	transmembrane protein 204	-1,2
12832529	100336558	LOC100336558	hypothetical protein LOC100336558	-1,2
12838373	514143	LOC514143	hypothetical LOC514143	-1,2
12697621	783225	LOC783225	similar to Angiogenin, ribonuclease, RNase A family, 5	-1,2
12843247	505103	PHGDH	phosphoglycerate dehydrogenase	-1,2
12807870	511553	LOC511553	similar to Uncharacterized protein C18orf1	-1,2
12853157	317693	AEBP1	AE binding protein 1	-1,2
12685668	533491	RASA2	RAS p21 protein activator 2	-1,2
12704900	508877	PNPT1	polyribonucleotide nucleotidyltransferase 1	-1,2
12849091	282608	CACNA2D1	calcium channel, voltage-dependent, alpha 2/delta subunit 1	-1,2
12748602	100138971	ZNF570	zinc finger protein 570	-1,2
12744292	540881	KCTD10	potassium channel tetramerisation domain containing 10	-1,2
12784595	783612	LOC783612	similar to Glyceraldehyde-3-phosphate dehydrogenase	-1,2
12905266	537718	ARHGEF9	Cdc42 guanine nucleotide exchange factor (GEF) 9	-1,2
12902104	100299249	LOC100299249	similar to interleukin 3 receptor, alpha	-1,2
12849421	407197	LOC407197	T cell receptor gamma constant region	-1,2
12773924	100296192	LOC100296192	similar to nuclear antigen Sp100	-1,2
12708824	100313278	MIR2300B	microRNA mir-2300b	-1,2
12787849	529061	LOC529061	similar to microtubule associated serine/threonine kinase family member 4	-1,2
12910342	618793	FOXO4	forkhead box O4	-1,2
12841361	616994	LRRFIP1	leucine rich repeat (in FLII) interacting protein 1	-1,2
12905922	618452	LOC618452	hypothetical LOC618452	-1,2
12732674	531779	LOC531779	similar to olfactory receptor Olr279	-1,2
12680884	521761	ADARB1	adenosine deaminase, RNA-specific, B1 (RED1 homolog rat)	-1,2
12679629	509784	PHLDB2	pleckstrin homology-like domain, family B, member 2	-1,2
12773855	100139208	LOC100139208	hypothetical protein LOC100139208	-1,2
12854688	523239	ZC3HAV1L	zinc finger CCCH-type, antiviral 1-like	-1,2

12767437	282303	PECAM1	platelet/endothelial cell adhesion molecule	-1,2
12843223	505040	CD53	CD53 molecule	-1,2
12696114	533555	MGC157319	hypothetical LOC533555	-1,2
12803619	617129	CCDC90A	coiled-coil domain containing 90A	-1,2
12768294	506538	CYTSB	cytospin B	-1,2
12807542	286772	NPC1	Niemann-Pick disease, type C1	-1,2
12862682	664643	T2R12	bitter taste receptor Bota-T2R12	-1,2
12723894	100125233	STAU2	staufen, RNA binding protein, homolog 2 (Drosophila)	-1,2
12903812	512009	GAB3	GRB2-associated binding protein 3	-1,2
12905449	540246	KLHL15	kelch-like 15 (Drosophila)	-1,2
12749183	100337091	LOC100337091	1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase gamma-2-like	-1,2
12738737	444870	TLR5	Toll-like receptor 5	-1,2
12859963	519271	ERC1	ELKS/RAB6-interacting/CAST family member 1	-1,2
12851427	537777	LOC537777	similar to semaphorin III/collapsin-1	-1,2
12886493	532964	MYO1F	myosin IF	-1,2
12847429	615099	LOC615099	similar to Uncharacterized protein C1orf88	-1,2
12856372	100297496	LOC100297496	similar to osteoclast inhibitory lectin	-1,2
12776955	522103	STK39	serine threonine kinase 39 (STE20/SPS1 homolog, yeast)	-1,2
12843233	505049	AMY2A	amylase, alpha 2A (pancreatic)	-1,2
12835279	788607	LOC788607	similar to olfactory receptor Olr1242	-1,2
12827482	100336454	LOC100336454	hypothetical protein LOC100336454	-1,2
12685825	535231	ERG	v-ets erythroblastosis virus E26 oncogene homolog (avian)	-1,2
12868280	613989	SSPN	sarcospan (Kras oncogene-associated gene)	-1,2
12787557	518356	SH3PXD2B	SH3 and PX domains 2B	-1,2
12865249	510342	IRAK3	interleukin-1 receptor-associated kinase 3	-1,2
12892470	100313301	MIR2467	microRNA mir-2467	-1,2
12871454	528668	KLHL5	kelch-like 5 (Drosophila)	-1,2
12823457	281311	MSR1	macrophage scavenger receptor 1	-1,2
12684285	510532	PARP9	poly (ADP-ribose) polymerase family, member 9	-1,2
12898939	615821	LYRM2	LYR motif containing 2	-1,2
12833357	508879	LOC508879	similar to aldehyde dehydrogenase 3B1	-1,2
12689068	512299	GNPNAT1	glucosamine-phosphate N-acetyltransferase 1	-1,2
12806747	615389	TMEM170B	transmembrane protein 170B	-1,2
12686580	541235	PPM1L	protein phosphatase 1 (formerly 2C)-like	-1,2
12681903	539627	TNIK	TRAF2 and NCK interacting kinase	-1,2
12790904	538896	BDKRB2	bradykinin receptor B2	-1,2
12774048	100313419	MIR2358	microRNA mir-2358	-1,2
12711032	100313404	MIR2299	microRNA mir-2299	-1,2
12899712	505138	CASP8AP2	caspase 8 associated protein 2	-1,2
12718926	510714	FRMD4A	FERM domain containing 4A	-1,2
12748436	787908	LOC787908	similar to Uncharacterized protein C22orf30	-1,2
12684051	507857	ICOSLG	inducible T-cell co-stimulator ligand	-1,2
12759110	614339	LOC614339	hypothetical protein LOC614339	-1,2
12852910	281052	CD36	CD36 molecule (thrombospondin receptor)	-1,2
12745302	281216	GUCY1A3	guanylate cyclase 1, soluble, alpha 3	-1,2
12755996	359720	RTN2	reticulon 2	-1,2
12682346	614619	LOC614619	similar to histone H2B	-1,2
12711322	505695	RASL11A	RAS-like, family 11, member A	-1,2
12821100	783803	LOC783803	similar to zinc finger, CCHC domain containing 9	-1,2
12687475	790979	MIR16B	microRNA mir-16b	-1,2
12787369	512866	ERBB2IP	erbb2 interacting protein	-1,2
12763059	512973	LOC512973	similar to olfactory receptor Olfr464	-1,2
12838683	516949	GBP5	guanylate binding protein 5	-1,2
12680515	515900	PLA1A	phospholipase A1 member A	-1,2
12899717	505300	SMPDL3A	sphingomyelin phosphodiesterase, acid-like 3A	-1,2
12835602	100300942	LOC100300942	similar to eukaryotic translation initiation factor 1	-1,2

12861035	533900	RFX4	regulatory factor X, 4 (influences HLA class II expression)	-1,2
12903516	508189	LONRF3	LON peptidase N-terminal domain and ring finger 3	-1,2
12690161	528498	JMY	junction mediating and regulatory protein, p53 cofactor	-1,2
12725393	520631	SNAI2	snail homolog 2 (Drosophila)	-1,2
12837546	509947	C1orf52	chromosome 1 open reading frame 52 ortholog	-1,2
12822957	538685	ITPRIP	inositol 1,4,5-triphosphate receptor interacting protein	-1,2
12720110	527410	PREX1	phosphatidylinositol-3,4,5-trisphosphate-dependent Rac exchange factor 1	-1,2
12726162	768004	ZNF572	zinc finger protein 572	-1,2
12725810	538634	CTHRC1	collagen triple helix repeat containing 1	-1,2
12789922	513044	ERICH1	glutamate-rich 1	-1,2
12772981	617266	CCDC46	coiled-coil domain containing 46	-1,2
12863247	788396	LOC788396	similar to olfactory receptor 247	-1,2
12728164	517332	GRAMD1B	GRAM domain containing 1B	-1,2
12798829	510238	PPM1M	protein phosphatase 1M (PP2C domain containing)	-1,2
12901108	538384	PRDM1	PR domain containing 1, with ZNF domain	-1,2
12682282	613972	APOD	apolipoprotein D	-1,2
12727012	505048	PRR5L	proline rich 5 like	-1,2
12770033	513155	MMD	monocyte to macrophage differentiation-associated	-1,2
12862219	613556	SLC2A13	solute carrier family 2 (facilitated glucose transporter), member 13	-1,2
12768239	506088	ICAM2	intercellular adhesion molecule 2	-1,2
12723793	784975	SLC10A5	solute carrier family 10 (sodium/bile acid cotransporter family), member 5	-1,2
12737673	781721	C16H1ORF21	chromosome 1 open reading frame 21 ortholog	-1,2
12703439	100140212	LOC100140212	similar to ARL6IP2	-1,2
12800942	100296273	LOC100296273	similar to butyrophilin, subfamily 2, member A2	-1,2
12786853	100337332	LOC100337332	splicing factor, arginine/serine-rich 12-like	-1,2
12754039	617909	LOC617909	similar to Sialic acid-binding Ig-like lectin 14 precursor (Siglec-14)	-1,2
12683018	100313370	MIR28	microRNA mir-28	-1,2
12893415	100126271	SNAPC3	small nuclear RNA activating complex, polypeptide 3	-1,2
12889469	506097	NFIL3	nuclear factor, interleukin 3 regulated	-1,2
12686832	615431	MRPS6	mitochondrial ribosomal protein S6	-1,2
12829228	100313079	MIR708	microRNA mir-708	-1,2
12845185	520702	WDR63	WD repeat domain 63	-1,2
12741252	616582	AJAP1	adherens junctions associated protein 1	-1,2
12708762	100295009	LOC100295009	similar to PAK-interacting exchange factor beta	-1,2
12869844	280832	KIT	v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog	-1,2
12902260	100139601	PIGA	phosphatidylinositol glycan anchor biosynthesis, class A	-1,2
12703239	785489	MBOAT2	membrane bound O-acyltransferase domain containing 2	-1,2
12887346	540129	RPS23	ribosomal protein S23	-1,2
12842360	100296588	LOC100296588	hypothetical protein LOC100296588	-1,2
12688966	511279	SMAD6	SMAD family member 6	-1,2
12882948	100337193	LOC100337193	ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 3-like	-1,2
12771649	533184	TTYH2	tweety homolog 2 (Drosophila)	-1,2
12775058	407225	MOGAT1	monoacylglycerol O-acyltransferase 1	-1,2
12724955	512133	TM7SF4	transmembrane 7 superfamily member 4	-1,2
12853132	282259	IGFBP1	insulin-like growth factor binding protein 1	-1,2
12800121	540575	PTPRG	protein tyrosine phosphatase, receptor type, G	-1,2
12904006	514473	ATRX	alpha thalassemia/mental retardation syndrome X-linked (RAD54 homolog, S. cerevisiae)	-1,2
12826055	506758	CHST3	carbohydrate (chondroitin 6) sulfotransferase 3	-1,2
12850797	529423	LOC529423	similar to family with sequence similarity 40, member B	-1,2

12824995	507913	GOT1L1	glutamic-oxaloacetic transaminase 1-like 1	-1,2
12711732	511090	SUCLA2	succinate-CoA ligase, ADP-forming, beta subunit	-1,2
12787503	515994	LOC515994	hypothetical LOC515994	-1,2
12858844	510193	LOC510193	similar to Apolipoprotein L, 3	-1,2
12730204	782678	LOC782678	similar to olfactory receptor MOR204-11	-1,2
12735104	506315	LOC506315	similar to dynamin 3	-1,2
12821158	100138311	PIK3AP1	phosphoinositide-3-kinase adaptor protein 1	-1,2
12709149	505325	LRCH1	leucine-rich repeats and calponin homology (CH) domain containing 1	-1,2
12813899	613974	ZFAND2A	zinc finger, AN1-type domain 2A	-1,2
12864245	286841	MUC12	mucin 12, cell surface associated	-1,2
12860257	522873	RIC8B	resistance to inhibitors of cholinesterase 8 homolog B (C. elegans)	-1,2
12906413	100271755	EIF2S3Y	eukaryotic translation initiation factor 2, subunit 3, structural gene Y-linked	-1,2
12687633	100141235	LOC100141235	similar to Chromosome 14 open reading frame 50	-1,2
12878836	512222	PDE4A	phosphodiesterase 4A, cAMP-specific (phosphodiesterase E2 dunce homolog, Drosophila)	-1,2
12842552	280941	TIE1	tyrosine kinase with immunoglobulin-like and EGF-like domains 1	-1,2
12845256	521797	DCST1	DC-STAMP domain containing 1	-1,2
12865571	512280	LOC512280	similar to olfactory receptor, family 9, subfamily K, member 2	-1,2
12894962	539123	S1PR3	sphingosine-1-phosphate receptor 3	-1,2
12836987	506526	ITGA10	integrin, alpha 10	-1,2
12909691	538337	CDKL5	cyclin-dependent kinase-like 5	-1,2
12836105	286850	GNG12	guanine nucleotide binding protein (G protein), gamma 12	-1,2
12850281	516262	GNAT3	guanine nucleotide binding protein, alpha transducing 3	-1,2
12713091	782518	LPAR6	lysophosphatidic acid receptor 6	-1,2
12697507	777597	ANG	angiogenin, ribonuclease, RNase A family, 5	-1,2
12895808	783009	FKBP15	FK506 binding protein 15, 133kDa	-1,2
12847392	614807	C3H1orf54	chromosome 1 open reading frame 54 ortholog	-1,2
12749684	407171	LOC407171	Fc gamma 2 receptor	-1,2
12887477	540987	LOC540987	similar to Uncharacterized protein C5orf5 (GAP-like protein N61)	-1,2
12888521	788289	LOC788289	similar to Olfactory receptor 7A10 (Olfactory receptor OR19-18) (OST027)	-1,2
12879012	513953	SLC26A2	solute carrier family 26 (sulfate transporter), member 2	-1,2
12793975	784811	AASDHPPT	aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase	-1,2
12904953	534526	PAK3	p21 protein (Cdc42/Rac)-activated kinase 3	-1,2
12805274	510775	OR12D2	olfactory receptor, family 12, subfamily D, member 2	-1,2
12784242	615012	MAN1C1	mannosidase, alpha, class 1C, member 1	-1,2
12711636	509511	B3GALT1	beta 1,3-galactosyltransferase-like	-1,2
12717338	782160	PPP1R3D	protein phosphatase 1, regulatory (inhibitor) subunit 3D	-1,2
12876519	100313233	MIR2462	microRNA mir-2462	-1,2
12780661	504948	GPD2	glycerol-3-phosphate dehydrogenase 2 (mitochondrial)	-1,2
12844407	512486	LOC512486	similar to Interferon-induced guanylate-binding protein 1 (GTP-binding protein 1) (Guanine nucleotide-binding protein 1) (HuGBP-1)	-1,2
12848889	281451	NPVF	neuropeptide VF precursor	-1,2
12876170	100125774	STK32A	serine/threonine kinase 32A	-1,2
12798624	507426	LOC507426	similar to poly (ADP-ribose) polymerase family, member 3	-1,2
12788100	539175	DUSP1	dual specificity phosphatase 1	-1,2

12745981	507095	SPRY1	sprouty homolog 1, antagonist of FGF signaling (Drosophila)	-1,2
12893896	515515	SYK	spleen tyrosine kinase	-1,2
12709269	507021	SLC25A30	solute carrier family 25, member 30	-1,2
12904246	516689	GPM6B	glycoprotein M6B	-1,2
12882233	784207	LOC784207	hypothetical LOC784207	-1,2
12781150	510773	PID1	phosphotyrosine interaction domain containing 1	-1,2
12845704	528046	EIF2C4	eukaryotic translation initiation factor 2C, 4	-1,2
12757751	520056	NETO2	neuropilin (NRP) and tolloid (TLL)-like 2	-1,2
12868450	615588	RASSF9	Ras association (RalGDS/AF-6) domain family (N-terminal) member 9	-1,2
12888096	768047	HAVCR2	hepatitis A virus cellular receptor 2	-1,2
12800376	614093	PXK	PX domain containing serine/threonine kinase	-1,2
12702679	616010	ANTXR1	anthrax toxin receptor 1	-1,2
12686282	539374	LOC539374	similar to Family with sequence similarity 43, member A	-1,2
12741977	282136	ADRBK2	adrenergic, beta, receptor kinase 2	-1,2
12808491	538792	ZNF521	zinc finger protein 521	-1,2
12847985	782603	ANGPTL3	angiopoietin-like 3	-1,2
12808401	537290	TWSG1	twisted gastrulation homolog 1 (Drosophila)	-1,2
12797808	100313422	MIR2370	microRNA mir-2370	-1,2
12868930	777776	LYZ	lysozyme (renal amyloidosis)	-1,2
12882303	786553	PCDHB4	protocadherin beta 4	-1,2
12716651	539369	NRP1	neuropilin 1	-1,2
12793557	539332	CFL2	cofilin 2 (muscle)	-1,2
12883575	407768	ST8SIA4	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 4	-1,2
12778544	539555	MARCKSL1	MARCKS-like 1	-1,2
12688609	507781	NEDD4	neural precursor cell expressed, developmentally down-regulated 4	-1,2
12827018	613826	GPR137B	G protein-coupled receptor 137B	-1,2
12801023	100336922	LOC100336922	plasma cell-specific thioredoxin-related protein-like	-1,2
12859891	518234	STAC3	SH3 and cysteine rich domain 3	-1,2
12685191	525947	LOC525947	serotransferrin-like	-1,2
12679263	506607	AGPAT3	1-acylglycerol-3-phosphate O-acyltransferase 3	-1,2
12827844	404074	ALOX5	arachidonate 5-lipoxygenase	-1,2
12910390	768059	TCEAL8	transcription elongation factor A (SII)-like 8	-1,2
12763852	525878	EFCAB5	EF-hand calcium binding domain 5	-1,2
12705807	515340	ABO	ABO blood group (transferase A, alpha 1-3-N-acetylgalactosaminyltransferase; transferase B, alpha 1-3-galactosyltransferase)	-1,2
12897211	513774	AKAP12	A kinase (PRKA) anchor protein 12	-1,2
12784416	616901	LASS6	LAG1 homolog, ceramide synthase 6	-1,2
12813350	529852	ATF7IP2	activating transcription factor 7 interacting protein 2	-1,2
12720410	533670	APBB1IP	amyloid beta (A4) precursor protein-binding, family B, member 1 interacting protein	-1,2
12693426	281544	TPM1	tropomyosin 1 (alpha)	-1,2
12749287	281063	CDH3	cadherin 3, type 1, P-cadherin (placental)	-1,2
12727546	511735	HBG	hemoglobin, gamma	-1,2
12854565	520865	AASS	aminoadipate-semialdehyde synthase	-1,2
12885917	524256	ZNF300	zinc finger protein 300	-1,2
12788957	100337482	LOC100337482	A-kinase anchor protein 13-like	-1,2
12867979	540135	PHLDA1	pleckstrin homology-like domain, family A, member 1	-1,2
12742359	508495	ULBP3	UL16 binding protein 3	-1,2
12764621	536532	TAOK1	TAO kinase 1	-1,2
12899691	404100	RAET1G	retinoic acid early transcript 1G	-1,2
12795124	509859	TRANK1	tetratricopeptide repeat and ankyrin repeat containing 1	-1,2
12788856	100313378	MIR411	microRNA mir-411	-1,2
12788850	100313373	MIR329A	microRNA mir-329a	-1,2

12702463	613877	MEIS1	Meis homeobox 1	-1,2
12872507	616544	RG9MTD2	RNA (guanine-9-) methyltransferase domain containing 2	-1,2
12728764	529947	LOC529947	similar to signal peptide, CUB domain, EGF-like 2	-1,2
12694349	509855	IRF9	interferon regulatory factor 9	-1,2
12687002	616795	FAIM	Fas apoptotic inhibitory molecule	-1,2
12733884	784376	LOC784376	similar to olfactory receptor Olr94	-1,2
12883382	317708	HTR4	5-hydroxytryptamine (serotonin) receptor 4	-1,2
12855376	538360	GRM8	glutamate receptor, metabotropic 8	-1,2
12871571	532713	CAMK2D	calcium/calmodulin-dependent protein kinase II delta	-1,2
12730854	281971	PDE2A	phosphodiesterase 2A, cGMP-stimulated	-1,2
12683770	504700	ACPP	acid phosphatase, prostate	-1,2
12703522	100297753	TPC3	two pore channel 3	-1,2
12900189	514028	DSE	dermatan sulfate epimerase	-1,2
12800598	768057	HIGD1D	HIG1 domain family, member 1D	-1,2
12821748	506132	CH25H	cholesterol 25-hydroxylase	-1,2
12699208	506362	FAM82A1	family with sequence similarity 82, member A	-1,2
12774192	100337021	LOC100337021	low-density lipoprotein receptor-related protein 2-like	-1,2
12867502	536636	PDE3A	phosphodiesterase 3A, cGMP-inhibited	-1,2
12910493	783057	DDX3Y	DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, Y-linked	-1,2
12729100	534401	ZBTB16	zinc finger and BTB domain containing 16	-1,2
12897460	522158	PHACTR2	phosphatase and actin regulator 2	-1,2
12874853	532427	LOC532427	similar to tigger transposable element derived 2	-1,2
12795056	509083	PDZRN3	PDZ domain containing RING finger 3	-1,2
12694003	506056	EID1	EP300 interacting inhibitor of differentiation 1	-1,2
12826908	539941	MAPK8	mitogen-activated protein kinase 8	-1,2
12862481	616660	TSPAN11	tetraspanin 11	-1,2
12882031	618737	BST2	bone marrow stromal cell antigen 2	-1,2
12698334	100337409	LOC100337409	disabled homolog 2 interacting protein-like	-1,2
12846870	539246	LOC539246	similar to C1orf51 protein	-1,2
12681528	534774	BACE2	beta-site APP-cleaving enzyme 2	-1,2
12745012	100138354	LOC100138354	hypothetical protein LOC100138354	-1,2
12742930	519602	IFT81	intraflagellar transport 81 homolog (Chlamydomonas)	-1,2
12844355	512286	LOC512286	similar to CD1D antigen, d polypeptide	-1,2
12721552	100313131	MIR1603	microRNA mir-1603	-1,2
12877062	282272	MAN2B1	mannosidase, alpha, class 2B, member 1	-1,2
12873559	504782	TXK	TXK tyrosine kinase	-1,2
12874205	514373	HERC5	hect domain and RLD 5	-1,2
12684718	515235	CCDC80	coiled-coil domain containing 80	-1,2
12708630	786890	FBXO48	F-box protein 48	-1,2
12840882	540527	EXTL2	exostoses (multiple)-like 2	-1,2
12718453	505640	PLTP	phospholipid transfer protein	-1,2
12690350	531515	ARID4A	AT rich interactive domain 4A (RBP1-like)	-1,2
12882298	786489	PCDHB5	protocadherin beta 5	-1,2
12781670	516332	UGGT1	UDP-glucose glycoprotein glucosyltransferase 1	-1,2
12723272	538437	GEM	GTP binding protein overexpressed in skeletal muscle	-1,2
12759522	618268	LOC618268	similar to Sialic acid-binding Ig-like lectin 5 precursor (Siglec-5) (Obesity-binding protein 2) (OB-binding protein 2) (OB-BP2) (CD33 antigen-like 2) (CD170 antigen)	-1,2
12728631	527152	LMO1	LIM domain only 1 (rhombotin 1)	-1,2
12705554	513316	KCNIP3	Kv channel interacting protein 3, calsenilin	-1,2
12890470	517232	RECK	reversion-inducing-cysteine-rich protein with kazal motifs	-1,2
12780557	407135	HTR2B	5-hydroxytryptamine (serotonin) receptor 2B	-1,2
12815058	100336860	LOC100336860	hypothetical protein LOC100336860	-1,2
12842531	100337438	LOC100337438	epidermal growth factor receptor pathway substrate 8-like protein 3-like	-1,2
12692275	782315	IQGAP2	IQ motif containing GTPase activating protein 2	-1,2

12722069	507526	CDH17	cadherin 17, LI cadherin (liver-intestine)	-1,2
12745448	282318	PPP1CC	protein phosphatase 1, catalytic subunit, gamma isoform	-1,2
12714810	512548	SLPI	secretory leukocyte peptidase inhibitor	-1,2
12892272	791000	MIR27B	microRNA mir-27b	-1,2
12683016	100313277	MIR2285A	microRNA mir-2285a	-1,2
12873002	100336459	LOC100336459	hypothetical protein LOC100336459	-1,2
12798802	510209	SLC4A7	solute carrier family 4, sodium bicarbonate cotransporter, member 7	-1,2
12693927	505828	LOC505828	similar to poly (ADP-ribose) polymerase family, member 2	-1,2
12744361	613787	PDGFC	platelet derived growth factor C	-1,2
12693172	100300556	LOC100300556	similar to cytochrome c oxidase, subunit VIIc	-1,2
12800757	785477	LOC785477	similar to Rpl17 protein	-1,2
12840336	537391	DDAH1	dimethylarginine dimethylaminohydrolase 1	-1,2
12713494	100337293	LOC100337293	ankyrin repeat domain 26-like	-1,2
12718246	407183	PFKFB3	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3	-1,2
12693072	100297214	LOC100297214	hypothetical protein LOC100297214	-1,2
12811192	100313307	MIR193B	microRNA mir-193b	-1,2
12872205	540514	ARSJ	arylsulfatase family, member J	-1,2
12864575	505234	FGD4	FYVE, RhoGEF and PH domain containing 4	-1,2
12711361	506546	DZIP1	DAZ interacting protein 1	-1,2
12787588	518806	FBXL7	F-box and leucine-rich repeat protein 7	-1,2
12686411	539843	ZBTB38	zinc finger and BTB domain containing 38	-1,2
12837933	512180	LOC512180	similar to Uncharacterized calcium-binding protein KIAA0494	-1,2
12698356	280726	ASS1	argininosuccinate synthetase 1	-1,2
12686478	540535	POPDC2	popeye domain containing 2	-1,2
12788846	100313354	MIR1185	microRNA mir-1185	-1,2
12791746	282291	NFKBIA	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha	-1,2
12854818	529060	KEL	Kell blood group, metallo-endopeptidase	-1,2
12815205	281375	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1	-1,2
12848033	783879	GSTM1	glutathione S-transferase mu 1	-1,2
12849229	282879	HGF	hepatocyte growth factor (hepapoietin A; scatter factor)	-1,2
12889824	508428	TTC39B	tetratricopeptide repeat domain 39B	-1,2
12810742	785433	FHOD3	formin homology 2 domain containing 3	-1,2
12764677	537351	ABCA6	ATP-binding cassette, sub-family A (ABC1), member 6	-1,2
12838770	518825	TCHHL1	trichohyalin-like 1	-1,2
12763160	513996	ACOX1	acyl-Coenzyme A oxidase 1, palmitoyl	-1,2
12810159	532616	EPB41L3	erythrocyte membrane protein band 4.1-like 3	-1,2
12695276	521257	HRH2	histamine receptor H2	-1,2
12785577	513587	LOC513587	similar to UPF0474 protein C5orf41	-1,2
12750054	505366	WFDC1	WAP four-disulfide core domain 1	-1,2
12774553	281969	PDE1A	phosphodiesterase 1A, calmodulin-dependent	-1,2
12693498	281905	LTBP2	latent transforming growth factor beta binding protein 2	-1,2
12843949	509481	HAO2	hydroxyacid oxidase 2 (long chain)	-1,2
12867769	538827	APOLD1	apolipoprotein L domain containing 1	-1,2
12787462	514720	OSMR	oncostatin M receptor	-1,2
12774585	282260	IGFBP2	insulin-like growth factor binding protein 2, 36kDa	-1,2
12749751	493645	C5AR1	complement component 5a receptor 1	-1,2
12729812	613938	LOC613938	similar to cOR10A3 olfactory receptor family 10 subfamily A-like	-1,2
12838632	516090	HBXIP	hepatitis B virus x interacting protein	-1,2
12870616	507296	STAP1	signal transducing adaptor family member 1	-1,2

12728790	530354	LOC530354	similar to olfactory receptor	-1,2
12866697	524576	LOC524576	similar to MGC152498 protein	-1,2
12798763	509670	XIRP1	xin actin-binding repeat containing 1	-1,2
12687186	783565	LOC783565	similar to serine/arginine repetitive matrix 1	-1,2
12781322	511373	STK17B	serine/threonine kinase 17b	-1,2
12824009	515016	MTUS1	microtubule associated tumor suppressor 1	-1,2
12714505	508333	ZBP1	Z-DNA binding protein 1	-1,2
12861001	533829	SOX5	SR Y (sex determining region Y)-box 5	-1,2
12803982	786324	LOC786324	similar to enterocytin	-1,2
12683618	407131	CD80	CD80 molecule	-1,2
12760174	790225	MLKL	mixed lineage kinase domain-like	-1,2
12865096	509459	CPT1B	carnitine palmitoyltransferase 1B (muscle)	-1,2
12882989	100337310	LOC100337310	hypothetical protein LOC100337310	-1,2
12910372	767997	PLAC1	placenta-specific 1	-1,2
12893846	515263	ALDOB	aldolase B, fructose-bisphosphate	-1,2
12682442	615823	FGF12	fibroblast growth factor 12	-1,2
12883080	281095	CSF2	colony stimulating factor 2 (granulocyte-macrophage)	-1,2
12718324	505080	TGM3	transglutaminase 3 (E polypeptide, protein-glutamine-gamma-glutamyltransferase)	-1,2
12733526	615467	LRRC32	leucine rich repeat containing 32	-1,2
12748258	768254	ZNF280B	zinc finger protein 280B	-1,2
12863657	100313297	MIR2434	microRNA mir-2434	-1,2
12777199	525080	ZNF436	zinc finger protein 436	-1,2
12742874	517724	GSTT1	glutathione S-transferase theta 1	-1,2
12782531	528655	PDK1	pyruvate dehydrogenase kinase, isozyme 1	-1,2
12749311	281175	FUT2	fucosyltransferase 2 (secretor status included)	-1,2
12678828	282713	NFKBIZ	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, zeta	-1,2
12843071	497205	LEPR	leptin receptor	-1,2
12713281	100295878	LOC100295878	similar to elafin preproprotein	-1,2
12770467	515433	GCGR	glucagon receptor	-1,2
12884951	511765	ECSCR	endothelial cell-specific chemotaxis regulator	-1,2
12685396	529631	RUNX1	similar to runt-related transcription factor 1	-1,2
12887709	614846	LOC614846	similar to Hepatitis A virus cellular receptor 1 N-terminal domain containing protein	-1,2
12824695	100295410	LOC100295410	similar to retinoic acid receptor, beta	-1,2
12686574	541148	PTX3	pentraxin-related gene, rapidly induced by IL-1 beta	-1,2
12700982	526461	IFITM5	interferon induced transmembrane protein 5	-1,2
12777908	534677	GTDC1	glycosyltransferase-like domain containing 1	-1,2
12881595	614177	MAT2B	methionine adenosyltransferase II, beta	-1,2
12806324	537594	PHACTR1	phosphatase and actin regulator 1	-1,2
12905032	534626	GRIA3	glutamate receptor, ionotropic, AMPA 3	-1,2
12869445	789734	LOC789734	similar to mCG141069	-1,2
12777248	527140	CALCRL	calcitonin receptor-like	-1,2
12847995	782652	FCGR2C	Fc fragment of IgG, low affinity IIc, receptor for (CD32)	-1,2
12736589	532324	CHML	choroideremia-like (Rab escort protein 2)	-1,2
12831035	521822	FADS2	fatty acid desaturase 2	-1,2
12736428	529230	CEP170	centrosomal protein 170kDa	-1,2
12867247	534536	ACVRL1	activin A receptor type II-like 1	-1,2
12796656	538893	GOLGA4	golgi autoantigen, golgin subfamily a, 4	-1,2
12692063	616894	LOC616894	similar to Uncharacterized protein C15orf33	-1,2
12726330	100139986	ANO3	anoctamin 3	-1,2
12879165	515336	PCDHB11	protocadherin beta 11	-1,2
12759614	618514	VSTM1	V-set and transmembrane domain containing 1	-1,2
12805720	515440	C2	complement component 2	-1,2
12684153	509292	UBA5	ubiquitin-like modifier activating enzyme 5	-1,2
12711895	516399	UGGT2	UDP-glucose glycoprotein glucosyltransferase 2	-1,2
12800321	613649	KCTD6	potassium channel tetramerisation domain containing 6	-1,2

12787409	513244	LCP2	lymphocyte cytosolic protein 2 (SH2 domain containing leukocyte protein of 76kDa)	-1,2
12850753	527805	LOC527805	similar to KIAA0895 protein	-1,2
12874685	529462	LOC529462	similar to ubiquitin specific protease 53	-1,2
12836500	504742	CITED4	Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 4	-1,2
12895239	613759	UHRF2	ubiquitin-like with PHD and ring finger domains 2	-1,2
12852821	100337328	LOC100337328	notch1-induced protein-like	-1,2
12824532	617047	C27H8orf4	chromosome 8 open reading frame 4 ortholog	-1,2
12879171	515367	FSTL3	folliculin-like 3 (secreted glycoprotein)	-1,2
12856674	100337258	LOC100337258	transmembrane and tetratricopeptide repeat containing 2-like	-1,2
12793771	617124	CATSPERB	cation channel, sperm-associated, beta	-1,2
12843050	445420	WNT2B	wingless-type MMTV integration site family, member 2B	-1,2
12888481	787963	LOC787963	similar to Olfactory receptor 2L2 (HTPCRH07)	-1,2
12825556	616895	LOC616895	retinoic acid receptor beta	-1,2
12805255	510417	BOLA-NC1	non-classical MHC class I antigen	-1,2
12725510	525888	TOX	thymocyte selection-associated high mobility group box	-1,2
12747213	530484	MGC165715	hypothetical LOC530484	-1,2
12779642	783000	PLEKHB2	pleckstrin homology domain containing, family B (evectins) member 2	-1,2
12733888	784435	LOC784435	similar to olfactory receptor Olr94	-1,2
12690084	527394	PYGO1	pygopus homolog 1 (Drosophila)	-1,2
12696199	535311	HOMER1	homer homolog 1 (Drosophila)	-1,2
12731455	508009	FLJ32810	hypothetical protein LOC508009	-1,2
12787774	525869	RAI14	retinoic acid induced 14	-1,2
12852052	616701	JAZF1	JAZF zinc finger 1	-1,2
12721612	281865	IMPA1	inositol(myo)-1(or 4)-monophosphatase 1	-1,2
12907392	504514	ELF4	E74-like factor 4 (ets domain transcription factor)	-1,2
12861534	538419	EPS8	epidermal growth factor receptor pathway substrate 8	-1,2
12699636	510559	LTBP1	latent transforming growth factor beta binding protein 1	-1,2
12769861	512573	PNPO	pyridoxamine 5'-phosphate oxidase	-1,2
12747823	539524	HSPB8	heat shock 22kDa protein 8	-1,2
12841908	787270	THEM4	thioesterase superfamily member 4	-1,2
12745328	281749	EDNRA	endothelin receptor type A	-1,2
12788556	784765	GAPT	GRB2-binding adaptor protein, transmembrane	-1,2
12846976	540007	FAAH	fatty acid amide hydrolase	-1,2
12724270	282868	SLC2A5	solute carrier family 2 (facilitated glucose/fructose transporter), member 5	-1,2
12786883	280805	GHR	growth hormone receptor	-1,2
12773300	782067	PITPNC1	phosphatidylinositol transfer protein, cytoplasmic 1	-1,2
12851491	539016	TFEC	transcription factor EC	-1,2
12801716	511644	TPMT	thiopurine S-methyltransferase	-1,2
12738133	100313276	MIR181B-1	microRNA mir-181b-1	-1,2
12852248	767906	ARL4A	ADP-ribosylation factor-like 4A	-1,2
12851225	535644	SEMA3E	similar to KIAA0331	-1,2
12824460	614417	RBPM5	RNA binding protein with multiple splicing	-1,2
12735042	505387	RRP15	ribosomal RNA processing 15 homolog (S. cerevisiae)	-1,2
12882408	787946	LOC787946	similar to Olfactory receptor 2L8 (Olfactory receptor OR1-46)	-1,2
12775752	508266	CHN1	chimerin (chimaerin) 1	-1,2
12881991	618399	GNG7	guanine nucleotide binding protein (G protein), gamma 7	-1,2
12803139	536911	LOC536911	similar to runt-related transcription factor 2	-1,2
12735218	507724	LOC507724	odorant response abnormal 4	-1,2
12892150	785045	PGM5	phosphoglucomutase 5	-1,2

12696285	537305	EML5	echinoderm microtubule associated protein like 5	-1,2
12897508	522509	PDE7B	phosphodiesterase 7B	-1,2
12892733	281789	GNA14	guanine nucleotide binding protein (G protein), alpha 14	-1,2
12683817	504954	FILIP1L	filamin A interacting protein 1-like	-1,2
12705496	512480	NLRC4	NLR family, CARD domain containing 4	-1,2
12833760	514865	CHKA	choline kinase alpha	-1,2
12891530	539712	FAM122A	hypothetical protein LOC539712	-1,2
12815677	505919	HIP1	huntingtin interacting protein 1	-1,2
12768925	508541	STAT3	signal transducer and activator of transcription 3 (acute-phase response factor)	-1,2
12870005	281728	CSN3	casein kappa	-1,2
12901396	615798	PKIB	protein kinase (cAMP-dependent, catalytic) inhibitor beta	-1,2
12783957	541221	ZBTB8A	zinc finger and BTB domain containing 8A	-1,2
12773826	100126272	CD302	CD302 molecule	-1,2
12825420	537161	ACSL1	acyl-CoA synthetase long-chain family member 1	-1,2
12831806	614406	SYTL2	synaptotagmin-like 2	-1,2
12834727	540313	ETS1	v-ets erythroblastosis virus E26 oncogene homolog 1 (avian)	-1,2
12798271	497017	CCR5	chemokine (C-C motif) receptor 5	-1,2
12696035	533125	RASGRP1	RAS guanyl releasing protein 1 (calcium and DAG-regulated)	-1,2
12872970	100313090	MIR95	microRNA mir-95	-1,2
12807387	100336789	LOC100336789	lipase G-like	-1,2
12883202	281840	ICAM3	intercellular adhesion molecule 3	-1,2
12821481	282004	PRKG1	protein kinase, cGMP-dependent, type I	-1,2
12788800	100313065	MIR544A	microRNA mir-544a	-1,2
12768112	504970	TMEM220	transmembrane protein 220	-1,2
12872678	781648	LAP3	leucine aminopeptidase 3	-1,2
12833624	513412	JAM3	junctional adhesion molecule 3	-1,2
12775981	509774	RNF19B	ring finger protein 19B	-1,2
12699429	508829	ABCG8	ATP-binding cassette, sub-family G (WHITE), member 8	-1,2
12747120	528174	GPR133	G protein-coupled receptor 133	-1,2
12811598	404154	IL4R	interleukin 4 receptor	-1,2
12728608	526981	MMP12	matrix metalloproteinase 12 (macrophage elastase)	-1,2
12901165	540396	HIVP2	human immunodeficiency virus type I enhancer binding protein 2	-1,2
12756915	512150	LOC512150	similar to Myeloid-associated differentiation marker	-1,2
12782069	521834	NOSTRIN	nitric oxide synthase trafficker	-1,2
12788866	100313454	MIR382	microRNA mir-382	-1,2
12891796	614497	PALM2-AKAP2	PALM2-AKAP2 readthrough transcript	-1,2
12831337	532126	ANO1	anoctamin 1, calcium activated chloride channel	-1,2
12850240	515156	STEAP1	six transmembrane epithelial antigen of the prostate 1	-1,2
12910124	614260	ZNF75D	zinc finger protein 75D	-1,2
12775732	508044	IL22RA1	interleukin 22 receptor, alpha 1	-1,2
12687871	100337503	LOC100337503	pellino 2-like	-1,2
12810286	535053	LOC535053	similar to KIAA1772	-1,2
12803095	536128	LOC536128	similar to Notch homolog 4 (Drosophila)	-1,2
12720706	539807	ZNFX1	zinc finger, NFX1-type containing 1	-1,2
12712760	614555	EPSTI1	epithelial stromal interaction 1 (breast)	-1,2
12737881	100048947	RNASEL	ribonuclease L (2',5'-oligoadenylate synthetase-dependent)	-1,2
12712605	539090	SPRY2	sprouty homolog 2 (Drosophila)	-1,2
12876345	100296105	LOC100296105	hypothetical protein LOC100296105	-1,2
12898333	535665	SLC22A3	solute carrier family 22 (extraneuronal monoamine transporter), member 3	-1,2
12805529	513667	KDM1B	lysine (K)-specific demethylase 1B	-1,2

12698536	281860	IL1RN	interleukin 1 receptor antagonist	-1,2
12709110	503620	FLT1	fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor)	-1,2
12738652	286869	CHI3L1	chitinase 3-like 1 (cartilage glycoprotein-39)	-1,2
12715127	514621	PFDN4	prefoldin subunit 4	-1,2
12898880	615490	SMOC2	SPARC related modular calcium binding 2	-1,2
12859375	513856	A2M	alpha-2-macroglobulin	-1,2
12862214	613541	NDUFA4L2	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4-like 2	-1,2
12898893	615535	ENPP1	ectonucleotide pyrophosphatase/phosphodiesterase 1	-1,2
12766478	790982	MIR21	microRNA mir-21	-1,2
12703212	784304	CMPK2	cytidine monophosphate (UMP-CMP) kinase 2, mitochondrial	-1,2
12788796	100313058	MIR496	microRNA mir-496	-1,2
12690268	530330	GANC	glucosidase, alpha; neutral C	-1,2
12819166	505285	PTPRE	protein tyrosine phosphatase, receptor type, E	-1,2
12807575	493988	SLC14A1	solute carrier family 14 (urea transporter), member 1 (Kidd blood group)	-1,2
12765903	783508	LOC783508	similar to ULBP27	-1,2
12680732	519028	IGF2BP2	insulin-like growth factor 2 mRNA binding protein 2	-1,2
12859291	513281	CPD	carboxypeptidase D	-1,2
12910712	786670	SCML1	sex comb on midleg-like 1 (Drosophila)	-1,2
12712487	534649	TBC1D4	TBC1 domain family, member 4	-1,2
12860625	528530	CSF2RB	colony stimulating factor 2 receptor, beta, low-affinity (granulocyte-macrophage)	-1,2
12898719	541106	RRAGD	Ras-related GTP binding D	-1,2
12851317	536724	ABCB5	ATP-binding cassette, sub-family B (MDR/TAP), member 5	-1,2
12680283	514194	CP	ceruloplasmin (ferroxidase)	-1,2
12793829	617494	NDNL2	necdin-like 2	-1,2
12852805	100337079	LOC100337079	prolactin-inducible protein homolog-like	-1,2
12756849	510960	LCAT	lecithin-cholesterol acyltransferase	-1,2
12843761	507654	ADAMTSL4	ADAMTS-like 4	-1,2
12788782	100313044	MIR381	microRNA mir-381	-1,2
12872166	540131	C1QTNF7	C1q and tumor necrosis factor related protein 7	-1,2
12902909	282092	TIMP1	TIMP metalloproteinase inhibitor 1	-1,2
12764056	528920	EVI2A	ecotropic viral integration site 2A	-1,2
12898632	540698	LOC540698	chromosome 6 open reading frame 211 ortholog	-1,2
12895304	614257	LOC614257	similar to Chromosome 9 open reading frame 71	-1,2
12740535	538050	RAB7B	RAB7B, member RAS oncogene family	-1,2
12783377	537312	RAPGEF4	Rap guanine nucleotide exchange factor (GEF) 4	-1,2
12794227	100313170	MIR2367	microRNA mir-2367	-1,2
12870009	281212	CXCL2	chemokine (C-X-C motif) ligand 2	-1,2
12745287	281161	FGF2	fibroblast growth factor 2 (basic)	-1,2
12715184	515677	TSHZ2	teashirt zinc finger homeobox 2	-1,2
12819271	507061	DUSP5	similar to dual specificity phosphatase 5	-1,2
12881023	538639	NLRP3	NLR family, pyrin domain containing 3	-1,2
12791755	282702	CHRNA3	cholinergic receptor, nicotinic, alpha 3	-1,2
12806809	617293	ELOVL5	ELOVL family member 5, elongation of long chain fatty acids (FEN1/Elo2, SUR4/Elo3-like, yeast)	-1,2
12696080	533428	GALC	galactosylceramidase	-1,2
12742528	511222	ACADS	acyl-Coenzyme A dehydrogenase, C-2 to C-3 short chain	-1,2
12807241	790332	LOC790332	similar to enterocytin	-1,2
12787973	537946	CDH6	cadherin 6, type 2, K-cadherin (fetal kidney)	-1,2
12680976	523889	ATP13A3	ATPase type 13A3	-1,2
12741668	100138815	LOC100138815	similar to Ig lambda chain V-I region BL2	-1,2
12904255	516747	ARMCX3	armadillo repeat containing, X-linked 3	-1,2
12814908	100140740	IGSF6	immunoglobulin superfamily, member 6	-1,2

12848893	281478	SCIN	scinderin	-1,2
12810233	534569	CCBE1	collagen and calcium binding EGF domains 1	-1,2
12857751	504273	LOC504273	similar to hyaluronan synthase 2	-1,2
12874589	527107	CORIN	corin, serine peptidase	-1,2
12794557	497204	UBA7	ubiquitin-like modifier activating enzyme 7	-1,2
12727781	513463	TAGLN	transgelin	-1,2
12838581	515853	LOC515853	similar to UPF0486 protein C1orf59 homolog	-1,2
12720538	535183	ZEB1	zinc finger E-box binding homeobox 1	-1,2
12758234	528171	ZCCHC14	zinc finger, CCHC domain containing 14	-1,2
12799234	519644	CACNA2D3	calcium channel, voltage-dependent, alpha 2/delta subunit 3	-1,2
12734268	100313025	MIR29D	microRNA mir-29d	-1,2
12691075	538430	SV2C	synaptic vesicle glycoprotein 2C	-1,2
12773155	618631	CDK3	cyclin-dependent kinase 3	-1,2
12796018	524215	STAC	SH3 and cysteine rich domain	-1,2
12825663	789175	DEFB103B	defensin, beta 103B	-1,2
12903967	513911	C9HXorf21	chromosome X open reading frame 21 ortholog	-1,2
12681843	539034	PFN2	profilin 2	-1,2
12682124	540789	PARP14	poly (ADP-ribose) polymerase family, member 14	-1,2
12803149	537017	LOC537017	similar to cytidine monophosphate-N-acetylneuraminic acid hydroxylase	-1,2
12806178	533051	MICB	MHC class I polypeptide-related sequence B	-1,2
12893870	515491	TMEM2	transmembrane protein 2	-1,2
12822929	538510	HTR7	5-hydroxytryptamine (serotonin) receptor 7 (adenylate cyclase-coupled)	-1,2
12872195	540329	PPM1K	protein phosphatase 1K (PP2C domain containing)	-1,2
12884815	510907	ADAM19	ADAM metalloproteinase domain 19 (meltrin beta)	-1,2
12727888	514367	LOC514367	similar to olfactory receptor MOR239-1	-1,2
12760018	788599	LOC788599	similar to zinc finger protein 665	-1,2
12780541	404185	IGFBP5	insulin-like growth factor binding protein 5	-1,2
12762310	508666	LOC508666	similar to C-C motif chemokine 23 precursor (Small-inducible cytokine A23) (Macrophage inflammatory protein 3) (MIP-3) (Myeloid progenitor inhibitory factor 1) (MPIF-1) (CK-beta-8) (CKB-8)	-1,2
12853718	508836	SNX10	sorting nexin 10	-1,2
12714026	504492	SNAI1	snail homolog 1 (Drosophila)	-1,2
12901444	617450	LRP11	low density lipoprotein receptor-related protein 11	-1,2
12775250	503624	PLA2G2D3	calcium-dependent phospholipase A2 PLA2G2D3	-1,2
12907364	407110	IL13RA1	interleukin 13 receptor, alpha 1	-1,2
12700989	526544	NCS1	neuronal calcium sensor 1	-1,2
12789530	507138	ISG12(A)	putative ISG12(a) protein	-1,2
12820864	613274	LOC613274	hypothetical protein LOC613274	-1,2
12823417	100313190	MIR2399	microRNA mir-2399	-1,2
12722624	520704	PREX2	phosphatidylinositol-3,4,5-trisphosphate-dependent Rac exchange factor 2	-1,2
12700517	520709	IL1RL1	interleukin 1 receptor-like 1	-1,2
12732206	516599	LOC516599	similar to tripartite motif protein 5 alpha	-1,2
12819205	505482	AS3MT	arsenic (+3 oxidation state) methyltransferase	-1,2
12817946	537938	CPPED1	calcineurin-like phosphoesterase domain containing 1	-1,2
12681397	533642	PLOD2	procollagen-lysine, 2-oxoglutarate 5-dioxygenase 2	-1,2
12703842	281251	IL1B	interleukin 1, beta	-1,2
12863303	100125265	GALNT4	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 4 (GalNAc-T4)	-1,2
12726611	280813	HBB	hemoglobin, beta	-1,2
12686272	539334	IL1RAP	interleukin 1 receptor accessory protein	-1,2
12781137	510454	LOC510454	similar to sorting nexin 6	-1,2
12683570	338037	MYLK	myosin light chain kinase	-1,2
12861257	535744	CPNE8	copine VIII	-1,2

12723150	534996	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	-1,2
12718026	281529	THBD	thrombomodulin	-1,2
12824843	282141	ANGPT2	angiopoietin 2	-1,2
12893989	518308	PRUNE2	prune homolog 2 (Drosophila)	-1,2
12796519	537051	ADAMTS9	ADAM metalloproteinase with thrombospondin type 1 motif, 9	-1,2
12837130	507055	LOC507055	similar to guanylate binding protein 4	-1,2
12687550	100137953	ATP8B4	ATPase, class I, type 8B, member 4	-1,2
12704770	508204	GREB1	growth regulation by estrogen in breast cancer 1	-1,2
12687982	281195	GLCE	glucuronic acid epimerase	-1,2
12876527	100313363	MIR143	microRNA mir-143	-1,2
12809835	519541	RNF125	ring finger protein 125	-1,2
12734675	282868	SLC2A5	solute carrier family 2 (facilitated glucose/fructose transporter), member 5	-1,2
12743968	537817	TBC1D9	TBC1 domain family, member 9 (with GRAM domain)	-1,2
12788790	100313052	MIR453	microRNA mir-453	-1,2
12856171	785086	CREB3L2	cAMP responsive element binding protein 3-like 2	-1,2
12683494	282362	SLC5A3	solute carrier family 5 (inositol transporters), member 3	-1,2
12868434	615414	CCND2	cyclin D2	-1,2
12779840	100125580	CXCR1	chemokine (C-X-C motif) receptor 1	-1,2
12688357	503858	LOC503858	aromatase cytochrome P450 pseudogene	-1,2
12685960	536741	MME	membrane metallo-endopeptidase	-1,2
12901612	788082	LOC788082	similar to ULBP11	-1,2
12754721	787211	BOSTAUV1R409	vomeroneural 1 receptor bosTauV1R409	-1,2
12845552	526059	ABCD3	ATP-binding cassette, sub-family D (ALD), member 3	-1,2
12876511	100313037	MIR340	microRNA mir-340	-1,2
12723165	535017	ADCY8	adenylate cyclase 8 (brain)	-1,2
12873208	281270	HOPX	HOP homeobox	-1,2
12787160	507339	C7	complement component 7	-1,2
12779487	617625	RBM43	RNA binding motif protein 43	-1,2
12771351	529760	ADORA2B	adenosine A2b receptor	-1,2
12819421	509678	IFIT3	interferon-induced protein with tetratricopeptide repeats 3	-1,2
12856505	100336551	LOC100336551	sulphonylurea receptor 2B-like	-1,2
12898619	540358	TPBG	trophoblast glycoprotein	-1,2
12807778	509808	LIPG	lipase, endothelial	-1,2
12737764	786597	LOC786597	hypothetical LOC786597	-1,3
12803958	785693	LOC785693	similar to CGI-107 protein	-1,3
12822715	534505	CPXM2	carboxypeptidase X (M14 family), member 2	-1,3
12804734	404547	TREM1	triggering receptor expressed on myeloid cells 1	-1,3
12850003	511711	FGL2	fibrinogen-like 2	-1,3
12868313	614573	SLC16A7	solute carrier family 16, member 7 (monocarboxylic acid transporter 2)	-1,3
12888844	100313011	MIR24-1	microRNA mir-24-1	-1,3
12853639	507367	PDK4	pyruvate dehydrogenase kinase, isozyme 4	-1,3
12728538	526412	LOC526412	similar to olfactory receptor Olr95	-1,3
12862103	541125	ELK3	ELK3, ETS-domain protein (SRF accessory protein 2)	-1,3
12829623	378474	NOX4	NADPH oxidase 4	-1,3
12686108	538576	OSBPL11	oxysterol binding protein-like 11	-1,3
12794515	407771	CCR1	chemokine (C-C motif) receptor 1	-1,3
12856330	100170922	MIRLET7B	microRNA let-7b	-1,3
12882312	787041	LOC787041	similar to olfactory receptor, family 7, subfamily E, member 24	-1,3
12726266	784799	LOC784799	similar to olfactory receptor Olfr1178	-1,3
12767602	317655	MYH10	myosin, heavy chain 10, non-muscle	-1,3
12684374	511200	GMPS	guanine monophosphate synthetase	-1,3
12910825	791024	MIR98	microRNA mir-98	-1,3

12863256	788512	LOC788512	similar to olfactory receptor, family 9, subfamily K, member 2	-1,3
12788870	100313472	MIR329B	microRNA mir-329b	-1,3
12804444	281137	EDN1	endothelin 1	-1,3
12910802	790347	USP9X	ubiquitin specific peptidase 9, X-linked	-1,3
12887066	538062	EDIL3	EGF-like repeats and discoidin I-like domains 3	-1,3
12872629	768011	MGC134093	hypothetical protein MGC134093	-1,3
12863149	786352	LOC786352	similar to LOC512905 protein	-1,3
12838524	515706	TDRKH	tudor and KH domain containing	-1,3
12794425	317694	TIMP4	TIMP metallopeptidase inhibitor 4	-1,3
12738745	504407	SPSB1	splA/ryanodine receptor domain and SOCS box containing 1	-1,3
12712968	616416	KCTD12	potassium channel tetramerisation domain containing 12	-1,3
12700084	515640	IL1R1	interleukin 1 receptor, type I	-1,3
12735978	520341	TNFRSF9	tumor necrosis factor receptor superfamily, member 9	-1,3
12865975	514787	STK38L	serine/threonine kinase 38 like	-1,3
12791216	617420	ISG12(B)	similar to TLH29 protein precursor	-1,3
12682057	540675	KALRN	kalirin, RhoGEF kinase	-1,3
12795470	513700	ITIH4	inter-alpha (globulin) inhibitor H4 (plasma Kallikrein-sensitive glycoprotein)	-1,3
12790583	532119	BDKRB1	bradykinin receptor B1	-1,3
12875732	615303	UGT2B4	UDP glucuronosyltransferase 2 family, polypeptide B4	-1,3
12788808	100313081	MIR758	microRNA mir-758	-1,3
12888026	618405	GADD45B	growth arrest and DNA-damage-inducible, beta	-1,3
12892875	497015	TPM2	tropomyosin 2 (beta)	-1,3
12752210	522144	GPR77	G protein-coupled receptor 77	-1,3
12871206	518368	PARM1	prostate androgen-regulated mucin-like protein 1	-1,3
12777467	530799	CCDC141	coiled-coil domain containing 141	-1,3
12861066	533992	DRAM1	DNA-damage regulated autophagy modulator 1	-1,3
12901415	616198	LOC616198	hypothetical LOC616198	-1,3
12903629	510101	LOC510101	similar to PR33A	-1,3
12704139	347700	EIF2AK2	eukaryotic translation initiation factor 2-alpha kinase 2	-1,3
12883076	281048	CD14	CD14 molecule	-1,3
12858608	508740	CLEC12A	C-type lectin domain family 12, member A	-1,3
12862473	616646	CLEC4D	C-type lectin domain family 4, member D	-1,3
12819727	515091	IFIT5	interferon-induced protein with tetratricopeptide repeats 5	-1,3
12761205	282642	ITGB3	integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61)	-1,3
12791899	503552	CYP1A2	cytochrome P450, family 1, subfamily A, polypeptide 2	-1,3
12876443	100298356	LOC100298356	similar to bone marrow stromal cell antigen 2	-1,3
12837063	506759	IFI16	interferon, gamma-inducible protein 16	-1,3
12803894	783665	DAAM2	dishevelled associated activator of morphogenesis 2	-1,3
12754674	786369	IGLON5	IgLON family member 5	-1,3
12767029	281044	CCL8	chemokine (C-C motif) ligand 8	-1,3
12698016	100141470	LOC100141470	similar to immunoglobulin kappa chain	-1,3
12746203	510522	FGB	fibrinogen beta chain	-1,3
12858807	509972	LOC509972	similar to C-type lectin domain family 2, member d11	-1,3
12738576	282023	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)	-1,3
12778017	535490	IFIH1	interferon induced with helicase C domain 1	-1,3
12783627	539421	DOCK10	dedicator of cytokinesis 10	-1,3
12817048	518795	SOCS1	suppressor of cytokine signaling 1	-1,3
12889437	505890	ADAMDEC1	ADAM-like, decysin 1	-1,3
12774318	280765	DES	desmin	-1,3
12797637	788085	TMEM158	transmembrane protein 158	-1,3
12721639	281940	NCALD	neurocalcin delta	-1,3
12766850	100336608	LOC100336608	angiotensin-converting enzyme-like	-1,3

12784820	100140405	LOC100140405	similar to N-acetyltransferase 5	-1,3
12741589	790998	MIR199A-1	microRNA mir-199a-1	-1,3
12876501	100300664	LOC100300664	similar to protocadherin beta 5	-1,3
12892282	791061	MIRLET7F-1	microRNA let-7f-1	-1,3
12865085	509239	TMCC3	transmembrane and coiled-coil domain family 3	-1,3
12800998	100313178	MIR2284C	microRNA mir-2284c	-1,3
12744472	615411	CMKLR1	chemokine-like receptor 1	-1,3
12700012	514626	MXD1	MAX dimerization protein 1	-1,3
12887812	615958	SHROOM1	shroom family member 1	-1,3
12863023	784329	LOC784329	similar to RIKEN cDNA 4922502D21	-1,3
12743502	532970	TBX5	T-box 5	-1,3
12693568	282341	RNASE6	ribonuclease, RNase A family, k6	-1,3
12758081	526379	MYLK3	myosin light chain kinase 3	-1,3
12769290	510085	SLC16A3	solute carrier family 16, member 3 (monocarboxylic acid transporter 4)	-1,3
12789212	494549	DIO3	deiodinase, iodothyronine, type III	-1,3
12688075	281814	HIF1A	hypoxia inducible factor 1, alpha subunit (basic helix-loop-helix transcription factor)	-1,3
12796992	616088	MUSTN1	musculoskeletal, embryonic nuclear protein 1	-1,3
12905482	540421	ARAF	v-raf murine sarcoma 3611 viral oncogene homolog	-1,3
12889052	281041	CCIN	calicin	-1,3
12847346	614522	LOC614522	similar to transmembrane protein 56	-1,3
12788776	100313030	MIR323	microRNA mir-323	-1,3
12836080	286806	ADAMTS4	ADAM metalloproteinase with thrombospondin type 1 motif, 4	-1,3
12870215	282605	FAM13A1	family with sequence similarity 13, member A1	-1,3
12841874	786977	LOC786977	similar to ANKRD protein	-1,3
12696574	538957	TGFB3	transforming growth factor, beta 3	-1,3
12788816	100313107	MIR1193	microRNA mir-1193	-1,3
12780864	507930	LOC507930	similar to Ras-related GTP binding C	-1,3
12794225	100313100	MIR1284	microRNA mir-1284	-1,3
12683046	100335828	LOC100335828	cell surface glycoprotein CD200 receptor 1-like	-1,3
12897325	517696	GPR63	G protein-coupled receptor 63	-1,3
12890520	519311	PTPDC1	protein tyrosine phosphatase domain containing 1	-1,3
12890269	514357	UGCG	UDP-glucose ceramide glucosyltransferase	-1,3
12788818	100313108	MIR1197	microRNA mir-1197	-1,3
12796627	538515	MGC143103	hypothetical LOC538515	-1,3
12825729	100336016	LOC100336016	adenylate kinase 2-like	-1,3
12688001	281530	THBS1	thrombospondin 1	-1,3
12776598	514726	MARS2	methionyl-tRNA synthetase 2, mitochondrial	-1,3
12788840	100313315	MIR539	microRNA mir-539	-1,3
12697278	616885	FGF7	fibroblast growth factor 7 (keratinocyte growth factor)	-1,3
12749439	282233	FLT3LG	fms-related tyrosine kinase 3 ligand	-1,3
12806131	532674	GPR116	G protein-coupled receptor 116	-1,3
12882310	787005	PCDHB15	protocadherin beta 15	-1,3
12829574	337906	PAG12	pregnancy-associated glycoprotein 12	-1,3
12869652	100335751	LOC100335751	hypothetical protein LOC100335751	-1,3
12779281	615761	KCNE4	potassium voltage-gated channel, Isk-related family, member 4	-1,3
12855397	538861	STEAP4	STEAP family member 4	-1,3
12679701	510688	LRRC33	leucine rich repeat containing 33	-1,3
12874050	512010	ARAP2	ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 2	-1,3
12887851	616564	SSBP2	single-stranded DNA binding protein 2	-1,3
12910636	785272	LOC785272	similar to LOC767881 protein	-1,3
12703851	281595	ACTG2	actin, gamma 2, smooth muscle, enteric	-1,3
12720096	527211	SMOX	spermine oxidase	-1,3
12786297	539518	CD180	CD180 molecule	-1,3
12848911	281512	TAC1	tachykinin, precursor 1	-1,3

12821429	281739	CYP17A1	cytochrome P450, subfamily XVII	-1,3
12874485	521920	SULT1B1	sulfotransferase family, cytosolic, 1B, member 1	-1,3
12877034	282235	GABRA1	gamma-aminobutyric acid (GABA) A receptor, alpha 1	-1,3
12816075	508387	CCL26	chemokine (C-C motif) ligand 26	-1,3
12691536	540856	PRTG	protogenin homolog (Gallus gallus)	-1,3
12883965	505918	ZNF627	zinc finger protein 627	-1,3
12711935	517231	MGC165939	Uncharacterized protein C13orf18 homolog	-1,3
12680464	515051	DTX3L	deltex 3-like (Drosophila)	-1,3
12707748	541273	FBLN7	fibulin 7	-1,3
12903803	511852	ASB11	ankyrin repeat and SOCS box-containing 11	-1,3
12808744	615982	LOC615982	similar to PH domain leucine-rich repeat-containing protein phosphatase (PH domain leucine-rich repeat protein phosphatase) (Pleckstrin homology domain-containing family E protein 1) (Suprachiasmatic nucleus circadian oscillatory protein) (hSCOP) (-1,3
12736063	521326	HMCN1	hemicentin 1	-1,3
12692745	788507	GPR65	G protein-coupled receptor 65	-1,3
12878509	510390	LOC510390	similar to Vacuolar ATP synthase subunit S1 precursor (V-ATPase subunit S1) (V-ATPase S1 accessory protein) (V-ATPase Ac45 subunit) (C7-1 protein)	-1,3
12909398	535439	SMARCA1	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 1	-1,3
12698826	407221	IL18R1	interleukin 18 receptor 1	-1,3
12788794	100313057	MIR493	microRNA mir-493	-1,3
12758970	540417	IRX3	iroquois homeobox 3	-1,3
12737877	791042	MIR29B-2	microRNA mir-29b-2	-1,3
12684815	516536	C1H21ORF63	chromosome 21 open reading frame 63 ortholog	-1,3
12833612	512544	ADAMTS8	ADAM metalloproteinase with thrombospondin type 1 motif, 8	-1,3
12833215	506812	CPT1A	carnitine palmitoyltransferase 1A (liver)	-1,3
12737879	791043	MIR29C	microRNA mir-29c	-1,3
12875039	533681	TMEM156	transmembrane protein 156	-1,3
12731365	506423	SLC37A4	solute carrier family 37 (glucose-6-phosphate transporter), member 4	-1,3
12797118	616906	EIF4E3	eukaryotic translation initiation factor 4E family member 3	-1,3
12711414	507053	LOC507053	similar to INSL3 receptor; INSL3R; GREAT	-1,3
12895661	781153	FAM108B1	family with sequence similarity 108, member B1	-1,3
12788798	100313063	MIR543	microRNA mir-543	-1,3
12791441	791059	MIR487B	microRNA mir-487b	-1,3
12767023	281043	CCL2	chemokine (C-C motif) ligand 2	-1,3
12840667	539491	GJA5	gap junction protein, alpha 5, 40kDa	-1,3
12880668	534583	CNN1	calponin 1, basic, smooth muscle	-1,3
12809169	281226	MOCOS	molybdenum cofactor sulfurase	-1,3
12739272	511504	CAMK1G	calcium/calmodulin-dependent protein kinase IG	-1,3
12860646	528870	NAV3	neuron navigator 3	-1,3
12821633	504625	SORBS1	sorbin and SH3 domain containing 1	-1,3
12875956	767910	PLAC8	placenta-specific 8	-1,3
12766526	100126815	LOC100126815	MHC class I-like family A1	-1,3
12843873	508918	SCP2	sterol carrier protein 2	-1,3
12793325	535185	FBLN5	fibulin 5	-1,3
12875578	574090	TLR1	toll-like receptor 1	-1,3
12906425	100271759	UTY	ubiquitously transcribed tetratricopeptide repeat gene, Y-linked	-1,3
12684103	508445	HCLS1	hematopoietic cell-specific Lyn substrate 1	-1,3
12726925	404179	LYVE1	lymphatic vessel endothelial hyaluronan receptor 1	-1,3
12823120	615342	BNIP3	BCL2/adenovirus E1B 19kDa interacting protein 3	-1,3
12891974	618107	C8H8orf13	chromosome 8 open reading frame 13 ortholog	-1,3
12873648	506207	CCKAR	cholecystokinin A receptor	-1,3

12696603	539079	GREM1	gremlin 1, cysteine knot superfamily, homolog (Xenopus laevis)	-1,3
12762454	509484	ACE	angiotensin I converting enzyme	-1,3
12817585	530050	MYH11	myosin, heavy chain 11, smooth muscle	-1,3
12690749	535075	ALDH1A2	aldehyde dehydrogenase 1 family, member A2	-1,3
12755776	281983	PLAUR	plasminogen activator, urokinase receptor	-1,3
12859705	515697	LOC515697	apolipoprotein L, 3-like	-1,3
12715477	520412	LOC520412	similar to Protein FAM23A (Brush border protein AdRab-C)	-1,3
12874633	527520	HERC6	hect domain and RLD 6	-1,3
12738945	507234	TRAF5	TNF receptor-associated factor 5	-1,3
12762897	511942	GLP2R	glucagon-like peptide 2 receptor	-1,3
12787255	510708	ADCY2	adenylate cyclase 2 (brain)	-1,3
12843823	508348	IFI44	interferon-induced protein 44	-1,3
12893064	507054	IL33	interleukin 33	-1,3
12774842	338074	AOX1	aldehyde oxidase 1	-1,4
12752908	533481	TAT	tyrosine aminotransferase	-1,4
12712633	540038	GPR18	G protein-coupled receptor 18	-1,4
12700067	515532	ENTPD8	ectonucleoside triphosphate diphosphohydrolase 8	-1,4
12718222	404103	LOC404103	spleen trypsin inhibitor	-1,4
12863039	784883	LOC784883	similar to 4932441K18Rik protein	-1,4
12740702	539800	TNFSF4	tumor necrosis factor (ligand) superfamily, member 4	-1,4
12776788	518283	PTAFR	platelet-activating factor receptor	-1,4
12880314	530101	GFPT2	glutamine-fructose-6-phosphate transaminase 2	-1,4
12769871	512652	SSH2	slingshot homolog 2 (Drosophila)	-1,4
12869915	281214	CXCL2	chemokine (C-X-C motif) ligand 2	-1,4
12716461	535622	MAP3K8	mitogen-activated protein kinase kinase kinase 8	-1,4
12907479	505987	GK	glycerol kinase	-1,4
12891431	538565	GLIPR2	GLI pathogenesis-related 2	-1,4
12746932	519922	OAS1	2',5'-oligoadenylate synthetase 1, 40/46kDa	-1,4
12713539	280734	BPI	bactericidal/permeability-increasing protein	-1,4
12788838	100313314	MIR494	microRNA mir-494	-1,4
12784053	613413	HNMT	histamine N-methyltransferase	-1,4
12732172	515648	MGC127492	similar to Protein C11orf33 precursor	-1,4
12876698	280677	C3	complement component 3	-1,4
12889316	504760	DDX58	DEAD (Asp-Glu-Ala-Asp) box polypeptide 58	-1,4
12786416	540722	ADAMTS6	ADAM metallopeptidase with thrombospondin type 1 motif, 6	-1,4
12784307	615926	GULP1	GULP, engulfment adaptor PTB domain containing 1	-1,4
12823378	100296035	LOC100296035	similar to defensin, beta 103A	-1,4
12901794	767933	HSFY2	heat shock transcription factor, Y linked 2	-1,4
12872256	541161	DKK2	dickkopf homolog 2 (Xenopus laevis)	-1,4
12887150	539136	MEGF10	multiple EGF-like-domains 10	-1,4
12774604	282470	SLC11A1	solute carrier family 11 (proton-coupled divalent metal ion transporters), member 1	-1,4
12851774	613853	PIP	prolactin-induced protein	-1,4
12834487	534414	NTM	neurotrimin	-1,4
12899527	317707	HTR1B	5-hydroxytryptamine (serotonin) receptor 1B	-1,4
12803191	538730	NRN1	neuritin 1	-1,4
12791435	791020	MIR380	microRNA mir-380	-1,4
12803598	616942	LOC616942	MHC class I heavy chain	-1,4
12846994	540149	CYP4B1	cytochrome P450, family 4, subfamily B, polypeptide 1	-1,4
12850991	532836	AHCYL2	adenosylhomocysteinase-like 2	-1,4
12725347	516989	RALYL	RALY RNA binding protein-like	-1,4
12892548	100337068	LOC100337068	transient receptor potential cation channel, subfamily M, member 3-like	-1,4
12843813	508347	LOC508347	similar to interferon-induced protein 44-like	-1,4
12775582	507026	ICOS	inducible T-cell co-stimulator	-1,4
12891820	614778	C8H9ORF85	chromosome 9 open reading frame 85 ortholog	-1,4

12713955	404075	TKDP4	trophoblast Kunitz domain protein 4	-1,4
12788804	100313076	MIR656	microRNA mir-656	-1,4
12859619	515202	USP18	ubiquitin specific peptidase 18	-1,4
12756033	404070	MT2A	metallothionein 2A	-1,4
12862854	781146	LOC781146	lysozyme	-1,4
12793718	616003	TM6SF1	transmembrane 6 superfamily member 1	-1,4
12765895	783343	LOC783343	similar to ULBP27	-1,4
12872717	783855	TIFA	TRAF-interacting protein with forkhead-associated domain	-1,4
12843193	504819	NEXN	similar to Nexilin (F-actin binding protein) (Nelin)	-1,4
12716985	615264	EYA2	eyes absent homolog 2 (Drosophila)	-1,4
12730259	783765	TSPAN18	tetraspanin 18	-1,4
12769077	509283	RNF213	similar to mCG142721	-1,4
12729339	537790	PIK3C2A	phosphoinositide-3-kinase, class 2, alpha polypeptide	-1,4
12748219	654488	OAS1	2',5'-oligoadenylate synthetase 1, 40/46kDa	-1,4
12678517	280872	MX1	myxovirus (influenza virus) resistance 1, interferon-inducible protein p78 (mouse)	-1,4
12842784	282229	FCGR2	Fc fragment of IgG, low affinity IIb, receptor (CD32)	-1,4
12786020	531659	C1QTNF3	C1q and tumor necrosis factor related protein 3	-1,4
12697609	782825	GCNT4	glucosaminyl (N-acetyl) transferase 4, core 2 (beta-1,6-N-acetylglucosaminyltransferase)	-1,4
12766339	789409	PRPSAP1	phosphoribosyl pyrophosphate synthetase-associated protein 1	-1,4
12895096	540699	TRPM3	transient receptor potential cation channel, subfamily M, member 3	-1,4
12703617	100335385	LOC100335385	BCL2-like 1-like	-1,4
12869241	784769	LOC784769	similar to MGC127725 protein	-1,4
12755491	100336354	LOC100336354	hCG15121-like	-1,4
12820705	539047	CYP26A1	cytochrome P450, family 26, subfamily A, polypeptide 1	-1,4
12728162	516636	LOC516636	similar to olfactory receptor Olr223	-1,4
12873681	506971	RASGEF1B	RasGEF domain family, member 1B	-1,4
12870628	507790	PF4	platelet factor 4	-1,5
12713303	100296963	LOC100296963	similar to serine protease inhibitor, Kunitz type, 2	-1,5
12704418	506415	RSAD2	radical S-adenosyl methionine domain containing 2	-1,5
12788377	616007	HSPB3	heat shock 27kDa protein 3	-1,5
12749602	286879	LIPE	lipase, hormone-sensitive	-1,5
12869838	280828	IL8	interleukin 8	-1,5
12694952	515838	ANKRD31	ankyrin repeat domain 31	-1,5
12870010	281735	CXCL5	chemokine (C-X-C motif) ligand 5	-1,5
12788780	100313043	MIR379	microRNA mir-379	-1,5
12806256	535704	FKBP5	FK506 binding protein 5	-1,5
12882219	782799	LOC782799	similar to intercellular adhesion molecule-1	-1,5
12710001	530437	LOC530437	similar to ATP-binding cassette, sub-family C, member 4	-1,5
12876963	281839	ICAM1	intercellular adhesion molecule 1	-1,5
12742041	282361	SLC5A1	solute carrier family 5 (sodium/glucose cotransporter), member 1	-1,5
12709756	519212	STOML3	stomatin (EPB72)-like 3	-1,5
12851249	536286	ITGB8	integrin, beta 8	-1,5
12687143	782120	PIGP	phosphatidylinositol glycan anchor biosynthesis, class P	-1,5
12875869	618054	PROM1	prominin 1	-1,5
12788830	100313269	MIR655	microRNA mir-655	-1,5
12791762	286871	LOC286871	uterine milk protein	-1,5
12740864	540836	RGS1	regulator of G-protein signaling 1	-1,5
12791437	791021	MIR487A	microRNA mir-487a	-1,5
12694790	514462	CDO1	cysteine dioxygenase, type I	-1,5
12747162	529660	OAS2	2'-5'-oligoadenylate synthetase 2, 69/71kDa	-1,6

12861019	533844	CD163	CD163 molecule	-1,6
12870047	281909	MANBA	mannosidase, beta A, lysosomal	-1,6
12842734	282118	VCAM1	vascular cell adhesion molecule 1	-1,6
12678533	280873	MX2	myxovirus (influenza virus) resistance 2 (mouse)	-1,6
12737211	541305	NR5A2	nuclear receptor subfamily 5, group A, member 2	-1,6
12779974	100313159	MIR2351	microRNA mir-2351	-1,6
12708472	783020	SULT1C2	sulfotransferase family, cytosolic, 1C, member 2	-1,6
12723501	616362	TRIM55	tripartite motif-containing 55	-1,6
12902680	100336731	LOC100336731	hypothetical protein LOC100336731	-1,6
12741388	768081	LOC768081	hypothetical protein LOC768081	-1,6
12872284	613667	CXCL2	chemokine (C-X-C motif) ligand 2	-1,6
12818707	100139670	IFIT1	interferon-induced protein with tetratricopeptide repeats 1	-1,6
12856728	280881	NTS	neurotensin	-1,6
12742653	514346	SDS	serine dehydratase	-1,6
12869420	788334	LOC788334	similar to MGC152498 protein	-1,6
12681452	534171	SAMSN1	SAM domain, SH3 domain and nuclear localization signals 1	-1,6
12885799	521987	IFI47	interferon gamma inducible protein 47	-1,7
12697589	781681	GLDN	gliomedin	-1,7
12869909	281212	CXCL2	chemokine (C-X-C motif) ligand 2	-1,7
12713962	404076	TKDP1	trophoblast Kunitz domain protein 1	-1,7
12873199	281233	IBSP	integrin-binding sialoprotein	-1,7
12717232	618696	LOC618696	similar to trophoblast Kunitz domain protein 5	-1,8
12795384	512512	DNASE1L3	deoxyribonuclease I-like 3	-1,8
12901478	777787	FABP7	fatty acid binding protein 7, brain	-1,9
12684354	511037	TMPRSS2	transmembrane protease, serine 2	-1,9
12713397	100301215	LOC100301215	similar to tissue factor pathway inhibitor (lipoprotein-associated coagulation inhibitor)	-2,0
12893949	516661	LOC516661	similar to leucine-rich repeat LGI family, member 3	-2,1
12775207	494318	PLA2G2D1	calcium-dependent phospholipase A2 PLA2G2D1	-2,1
12695043	516762	AQP9	aquaporin 9	-2,1
12695993	532890	SLC10A1	solute carrier family 10 (sodium/bile acid cotransporter family), member 1	-2,2