

Accession #	Name	Description	L-CD31+ vs L-mock	p value
NM_199203	Kua-UEV	Ubiquitin-conjugating enzyme E2 variant 1	-12.01382	7.62476E-07
NM_004218	RAB11B	RAB11B, member RAS oncogene family	12.37772	5.9108E-07
NM_006544	EXOC5	Exocyst complex component 5	10.28434	2.8321E-06
NM_212472	PRKAR1A	Protein kinase, cAMP-dependent, regulatory, type I, alpha (tissue specific extinguisher 1)	16.0055	6.41336E-08
NM_003934	FUBP3	Far upstream element (FUSE) binding protein 3	10.04849	3.43697E-06
NM_153693	HOXC6	Homeobox C4	10.30985	2.77405E-06
NM_022491	SUDS3	Suppressor of defective silencing 3 homolog (S. cerevisiae)	-11.04648	1.55368E-06
NM_015330	SPECC1L	SPECC1-like	-10.25039	2.91144E-06
NM_001429	EP300	E1A binding protein p300	-11.65812	9.84564E-07
BX090412	BX090412	Transcribed locus	-14.57157	1.45057E-07
NM_001261	CDK9	Cyclin-dependent kinase 9 (CDC2-related kinase)	9.86276	4.01395E-06
NM_002661	PLCG2	Phospholipase C, gamma 2 (phosphatidylinositol-specific)	-11.67385	9.73359E-07
NM_000945	PPP3R1	Protein phosphatase 3 (formerly 2B), regulatory subunit B, 19kDa, alpha isoform (calcineurin B, type I)	9.70376	4.59333E-06
NM_177965	C8orf37	Chromosome 8 open reading frame 37	12.04077	7.48054E-07
NM_024325	ZNF343	Zinc finger protein 343	-9.47095	5.61486E-06
NM_025136	OPA3	Optic atrophy 3 (autosomal recessive, with chorea and spastic paraplegia)	9.4887	5.52874E-06
NM_201266	NRP2	Neuropilin 2	10.06726	3.38394E-06
NM_019028	ZDHHC13	Zinc finger, DHHC-type containing 13	9.82075	4.15875E-06
THC2304728	THC2304728	N1L4_HUMAN (Q99733) Nucleosome assembly protein 1-like 4 (Nucleosome assembly protein 2) (NAP2), partial (59%) [THC2304728]	9.63357	4.87791E-06
NM_000123	ERCC5	Excision repair cross-complementing rodent repair deficiency, complementation group 5 (xeroderma pigmentosum, complementation group G (Cockayne syndrome))	-10.55662	2.27557E-06
NM_007363	NONO	Non-POU domain containing, octamer-binding	-10.45614	2.4655E-06
NM_006595	API5	Apoptosis inhibitor 5	10.44438	2.48886E-06
AA832084	ARHGDI1A	Rho GDP dissociation inhibitor (GDI) alpha	9.99145	3.60381E-06
NM_020640	DCUN1D1	DCN1, defective in cullin neddylation 1, domain containing 1 (S. cerevisiae)	10.73637	1.97476E-06
NM_016040	TMED5	Transmembrane emp24 protein transport domain containing 5	11.90305	8.25054E-07
NM_182540	DDX26B	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 26B	-10.73728	1.97335E-06
NM_003893	LDB1	LIM domain binding 1	10.7935	1.88856E-06
NM_016545	IER5	Immediate early response 5	10.53902	2.30764E-06
NM_006805	HNRPA0	Heterogeneous nuclear ribonucleoprotein A0	9.18978	7.19589E-06
NM_001229	CASP9	Caspase 9, apoptosis-related cysteine peptidase	-12.50316	5.42256E-07
NM_004614	TK2	Thymidine kinase 2, mitochondrial	8.99903	8.54562E-06
NM_014876	JOSD1	Josephin domain containing 1	8.61553	0.00001
NM_006459	SPFH1	SPFH domain family, member 1	9.04944	8.16368E-06
THC2400714	THC2400714	Unknown	-9.97506	3.65339E-06
NM_152734	C6orf89	Chromosome 6 open reading frame 89	12.84733	4.29726E-07
NM_012426	SF3B3	Splicing factor 3b, subunit 3, 130kDa	9.53653	5.30387E-06
A_23_P207143	A_23_P207143	Unknown	8.51395	0.00001
NM_144726	FLJ31951	hypothetical protein FLJ31951	12.17957	6.7841E-07
NM_005109	OXSR1	Oxidative-stress responsive 1	9.0603	8.08387E-06
Y10152	CRHR2	Corticotropin releasing hormone receptor 2	10.38139	2.61814E-06
NM_014554	SENP1	SUMO1/sentrin specific peptidase 1	8.65206	0.00001
NM_022171	TCTA	T-cell leukemia translocation altered gene	8.52684	0.00001
NM_006565	CTCF	CCCTC-binding factor (zinc finger protein)	8.69879	0.00001
A_24_P290214	A_24_P290214	Unknown	8.54654	0.00001
NM_052987	CDK10	Cyclin-dependent kinase (CDC2-like) 10	9.19897	7.13708E-06
NM_016506	KBTBD4	Mitochondrial carrier homolog 2 (C. elegans)	-9.39145	6.01911E-06
NM_005026	PIK3CD	Phosphoinositide-3-kinase, catalytic, delta polypeptide	8.93923	9.02436E-06
NM_020462	ERGIC1	Endoplasmic reticulum-golgi intermediate compartment (ERGIC) 1	12.75714	4.5648E-07
NM_003005	SELP	Selectin P (granule membrane protein 140kDa, antigen CD62)	-10.38446	2.61168E-06
NM_007126	VCP	Valosin-containing protein	8.20306	0.00002
NM_015349	KIAA0240	KIAA0240	-8.93919	9.02463E-06
NM_177966	2'-PDE	2'-phosphodiesterase	9.44127	5.76213E-06
NM_015184	PLCL2	Phospholipase C-like 2	-9.67039	4.72625E-06
NM_013236	ATXN10	Ataxin 10	9.30208	6.51217E-06
A_24_P581311	A_24_P581311	Unknown	8.04345	0.00002
A_24_P400616	A_24_P400616	Unknown	7.90396	0.00002
NM_174907	PPP4R2	Protein phosphatase 4, regulatory subunit 2	8.18701	0.00002
NM_017897	OXSM	3-oxoacyl-ACP synthase, mitochondrial	-10.2951	2.80746E-06

NM_054027	ANKH	Ankylosis, progressive homolog (mouse)	9.32545	6.37908E-06
NM_005498	AP1M2	Adaptor-related protein complex 1, mu 2 subunit	8.86146	9.69158E-06
NM_005986	SOX1	SRY (sex determining region Y)-box 1	13.28268	3.22755E-07
NM_007236	CHP	calcium binding protein P22	14.02006	2.02561E-07
BC034752	C9orf62	Chromosome 9 open reading frame 62	10.18258	3.07735E-06
NM_022067	C14orf133	Chromosome 14 open reading frame 133	-8.90563	9.30619E-06
NM_002709	PPP1CB	Protein phosphatase 1, catalytic subunit, beta isoform	8.0112	0.00002
NM_016312	WBP11	WW domain binding protein 11	-10.32371	2.74306E-06
NM_006391	IPO7	Importin 7	9.46839	5.62738E-06
NM_022107	GPSM3	G-protein signalling modulator 3 (AGS3-like, C. elegans)	9.33884	6.30415E-06
NM_001190	BCAT2	Branched chain aminotransferase 2, mitochondrial	8.2365	0.00002
NM_031892	SH3KBP1	SH3-domain kinase binding protein 1	8.18059	0.00002
BC004815	MGC5139	hypothetical protein MGC5139	-11.00369	1.60539E-06
NM_001417	EIF4B	Eukaryotic translation initiation factor 4B	11.08825	1.50497E-06
NM_017615	NSMCE4A	Non-SMC element 4 homolog A (S. cerevisiae)	8.20619	0.00002
NM_153335	LYK5	protein kinase LYK5	-14.13835	1.88372E-07
AK074764	SDHALP2	Succinate dehydrogenase complex, subunit A, flavoprotein pseudogene 2	7.93021	0.00002
NM_005298	GPR25	G protein-coupled receptor 25	9.62722	4.90459E-06
NM_033547	INTS4	Integrator complex subunit 4	9.65114	4.8049E-06
A_24_P780709	A_24_P780709	Unknown	9.37541	6.10447E-06
NM_005163	AKT1	V-akt murine thymoma viral oncogene homolog 1	8.33875	0.00002
NM_012316	KPNA6	Karyopherin alpha 6 (importin alpha 7)	-11.38421	1.20449E-06
A_24_P144556	A_24_P144556	Unknown	8.55649	0.00001
NM_001128	AP1G1	Adaptor-related protein complex 1, gamma 1 subunit	-11.10174	1.4896E-06
NM_001039651	C6orf26	MutS homolog 5 (E. coli)	-9.24198	6.86871E-06
NM_130791	WWOX	WW domain containing oxidoreductase	9.20432	7.10308E-06
NM_004082	DCTN1	Dynactin 1 (p150, glued homolog, Drosophila)	10.47834	2.42208E-06
NM_031454	SELO	selenoprotein O	10.02399	3.50756E-06
NM_006544	EXOC5	Exocyst complex component 5	8.34375	0.00002
NM_020960	GPR107	G protein-coupled receptor 107	-10.56817	2.25479E-06
NM_203364	GPIAP1	GPI-anchored membrane protein 1	7.64062	0.00003
NM_144576	COQ10A	Coenzyme Q10 homolog A (S. cerevisiae)	-8.26821	0.00002
NM_003089	SNRP70	Small nuclear ribonucleoprotein 70kDa polypeptide (RNP antigen)	8.47566	0.00001
NM_005839	SRRM1	Serine/arginine repetitive matrix 1	-10.29528	2.80705E-06
NM_016604	JMJD1B	Jumonji domain containing 1B	-10.08354	3.3387E-06
NM_178438	LCE5A	Late cornified envelope 5A	9.60463	5.00087E-06
AK074764	SDHALP2	Succinate dehydrogenase complex, subunit A, flavoprotein pseudogene 2	8.66586	0.00001
NM_002109	HARS	Histidyl-tRNA synthetase	-9.09351	7.84517E-06
NM_152219	GJC1	Gap junction protein, chi 1, 31.9kDa (connexin 31.9)	10.85341	1.8026E-06
NM_032322	RNF135	Ring finger protein 135	-9.9372	3.77077E-06
A_23_P369758	A_23_P369758	Unknown	10.8002	1.87873E-06
NM_001933	DLST	Dihydrolipoamide S-succinyltransferase (E2 component of 2-oxo-glutarate complex)	7.44271	0.00004
NM_015600	ABHD12	Abhydrolase domain containing 12	7.97343	0.00002
NM_012215	MGEA5	Meningioma expressed antigen 5 (hyaluronidase)	-9.01908	8.39141E-06
NM_004831	CRSP7	Cofactor required for Sp1 transcriptional activation, subunit 7, 70kDa	8.94066	9.01256E-06
NM_016143	NSFL1C	NSFL1 (p97) cofactor (p47)	-7.96774	0.00002
NM_139013	MAPK14	Mitogen-activated protein kinase 14	8.46192	0.00001
CR621132	NSUN7	Full-length cDNA clone CS0DC015YK09 of Neuroblastoma Cot 25-normalized of Homo sapiens (human)	-7.48544	0.00004
NM_001005404	YPEL2	Yippee-like 2 (Drosophila)	-8.59126	0.00001
NM_153334	SCARF2	Scavenger receptor class F, member 2	7.52965	0.00004
NM_018416	FOXJ2	Forkhead box J2	-8.811	0.00001
NM_014607	UBXD2	UBX domain containing 2	8.99319	8.59109E-06
NM_025263	PRR3	Major histocompatibility complex, class I, E	8.13755	0.00002
NM_052853	ADCK2	AarF domain containing kinase 2	-9.20982	7.06829E-06
THC2316116	THC2316116	Unknown	-9.80843	4.20233E-06
AK023797	KIAA0672	KIAA0672 gene product	-12.98441	3.92319E-07
NM_025207	FLAD1	FAD1 flavin adenine dinucleotide synthetase homolog (S. cerevisiae)	8.22176	0.00002
BQ548663	ALOX5	Arachidonate 5-lipoxygenase	-8.8633	9.67523E-06
A_24_P101493	A_24_P101493	Unknown	8.46769	0.00001

NM_018144	SEC61A2	Sec61 alpha 2 subunit ( <i>S. cerevisiae</i> )	8.43895	0.00001
NM_002593	PCOLCE	Procollagen C-endopeptidase enhancer	7.63508	0.00003
NM_024545	SAP130	Sin3A-associated protein, 130kDa	-8.3626	0.00002
NM_005744	ARIH1	Ariadne homolog, ubiquitin-conjugating enzyme E2 binding protein, 1 ( <i>Drosophila</i> )	14.02495	2.01951E-07
CR627148	LOC728649	hypothetical protein LOC728649	-12.98113	3.93171E-07
NM_173833	SCARA5	Scavenger receptor class A, member 5 (putative)	10.19322	3.05064E-06
NM_014337	PPIL2	Peptidylprolyl isomerase (cyclophilin)-like 2	10.82689	1.84012E-06
NM_003791	MBTPS1	Membrane-bound transcription factor peptidase, site 1	-13.00009	3.88276E-07
NM_182543	NSUN6	NOL1/NOP2/Sun domain family, member 6	-7.91983	0.00002
NM_197957	MAX	MYC associated factor X	8.86102	9.69551E-06
NM_014669	NUP93	Nucleoporin 93kDa	7.4057	0.00004
NM_006522	WNT6	Wingless-type MMTV integration site family, member 6	8.10676	0.00002
NM_170662	CBLB	Cas-Br-M (murine) ecotropic retroviral transforming sequence b	-7.59917	0.00003
NM_014800	ELMO1	Engulfment and cell motility 1	-8.86216	9.68535E-06
NM_014932	NLGN1	Neuroigin 1	11.85202	8.55769E-07
NM_000401	EXT2	Exostoses (multiple) 2	-11.00481	0.000001604
NM_000439	PCSK1	Proprotein convertase subtilisin/kexin type 1	10.68261	2.05985E-06
NM_032228	MLSTD2	Male sterility domain containing 2	7.87725	0.00003
NM_015575	TNRC15	Trinucleotide repeat containing 15	10.81159	1.86214E-06
NM_032383	HPS3	Hermansky-Pudlak syndrome 3	-7.7146	0.00003
NM_014303	PES1	Pescadillo homolog 1, containing BRCT domain (zebrafish)	11.27587	1.30602E-06
NM_138811	C7orf31	Chromosome 7 open reading frame 31	-7.84466	0.00003
THC2306788	THC2306788	ALU1_HUMAN (P39188) Alu subfamily J sequence contamination warning entry, partial (10%) [THC2306788]	8.36187	0.00002
NM_001077207	SEC31A	SEC31 homolog A ( <i>S. cerevisiae</i> )	-10.01301	3.53971E-06
NM_021030	ZNF14	Zinc finger protein 14	-9.40692	5.93797E-06
NM_001002259	C1QDC1	C1q domain containing 1	-7.34532	0.00004
NM_005370	RAB8A	RAB8A, member RAS oncogene family	8.28127	0.00002
AK131269	MBOAT1	Membrane bound O-acyltransferase domain containing 1	-9.47467	5.5967E-06
NM_005827	SLC35B1	Solute carrier family 35, member B1	8.26348	0.00002
A_24_P332754	A_24_P332754	Unknown	7.25643	0.00005
NM_031992	EIF4H	Eukaryotic translation initiation factor 4H	8.331	0.00002
NM_001011658	TRAPPC2	Trafficking protein particle complex 2	-9.81802	4.16839E-06
NM_198563	TMEM110	Transmembrane protein 110	7.20495	0.00005
NM_024419	PGS1	Phosphatidylglycerophosphate synthase 1	11.5625	1.05585E-06
THC2284389	THC2284389	C40201 artifact-warning sequence (translated ALU class C) - human {Homo sapiens;} , partial (6%) [THC2284389]	-8.27074	0.00002
NR_002144	LOC407835	Homo sapiens mitogen-activated protein kinase kinase 2 pseudogene (LOC407835) on chromosome 7.	7.15658	0.00005
NM_012179	FBXO7	F-box protein 7	-8.73795	0.00001
NM_016076	C1orf121	Chromosome 1 open reading frame 121	11.06158	1.53587E-06
A_24_P878366	A_24_P878366	Unknown	13.11769	3.59374E-07
NM_032336	GINS4	Golgi autoantigen, golgin subfamily a, 7	7.52996	0.00004
NM_004530	MMP2	Matrix metalloproteinase 2 (gelatinase A, 72kDa gelatinase, 72kDa type IV collagenase)	12.50249	5.42507E-07
A_32_P83520	A_32_P83520	Unknown	8.84018	9.8835E-06
NM_198976	TH1L	TH1-like ( <i>Drosophila</i> )	6.989	0.00006
NM_017668	NDE1	NudE nuclear distribution gene E homolog 1 ( <i>A. nidulans</i> )	7.69641	0.00003
NM_198963	DHX57	DEAH (Asp-Glu-Ala-Asp/His) box polypeptide 57	-10.92259	1.70868E-06
NM_006101	KNTC2	Kinetochore associated 2	7.11802	0.00006
NM_002967	SAFB	Scaffold attachment factor B	7.17136	0.00005
NM_017745	BCOR	BCL6 co-repressor	8.15186	0.00002
NM_006711	RNPS1	RNA binding protein S1, serine-rich domain	7.2874	0.00005
NM_014268	MAPRE2	Microtubule-associated protein, RP/EB family, member 2	7.51812	0.00004
BC057844	BC057844	CDNA clone MGC:71846 IMAGE:5313492	10.04434	3.44883E-06
NM_002525	NRD1	Nardilysin (N-arginine dibasic convertase)	-9.26143	0.000006751
NM_014089	NUPL1	Nucleoporin like 1	7.10305	0.00006
NM_007131	ZNF75	Zinc finger protein 75 (D8C6)	-8.06537	0.00002
NM_014877	HELZ	Helicase with zinc finger	-10.7689	1.92516E-06
NM_012478	WBP2	WW domain binding protein 2	8.60644	0.00001
NM_001620	AHNAK	AHNAK nucleoprotein (desmoyokin)	7.85031	0.00003
NM_018195	C11orf57	Chromosome 11 open reading frame 57	-8.5476	0.00001
NM_024541	C10orf76	Chromosome 10 open reading frame 76	9.53683	5.30248E-06

NM_016290	UIMC1	Ubiquitin interaction motif containing 1	-7.07217	0.00006
NM_015005	KIAA0284	KIAA0284	9.65504	4.78885E-06
BC002431	B4GALT2	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 2	10.07832	3.35313E-06
NM_014760	TATDN2	TatD DNase domain containing 2	-7.94034	0.00002
NM_024881	SLC35E1	Solute carrier family 35, member E1	8.64898	0.00001
NM_003111	SP3	Sp3 transcription factor	10.18982	3.05914E-06
NM_019024	KIAA1414	KIAA1414 protein	-10.63453	2.13938E-06
NM_138707	BCL7B	B-cell CLL/lymphoma 7B	7.05423	0.00006
NM_016824	ADD3	Adducin 3 (gamma)	-7.17037	0.00005
NM_004309	ARHGDI3	Rho GDP dissociation inhibitor (GDI) alpha	8.3467	0.00002
THC2314371	THC2314371	ALU8_HUMAN (P39195) Alu subfamily SX sequence contamination warning entry, partial (10%) [THC2314371]	-8.75011	0.00001
NM_016079	VPS24	Vacuolar protein sorting 24 homolog (S. cerevisiae)	10.94974	1.67331E-06
NM_013282	UHRF1	Ubiquitin-like, containing PHD and RING finger domains, 1	7.78277	0.00003
NM_032775	KLHL22	Kelch-like 22 (Drosophila)	7.71952	0.00003
NM_020648	TWSG1	Twisted gastrulation homolog 1 (Drosophila)	7.84782	0.00003
THC2444634	THC2444634	AF195969 rho GTPase activating protein 8 isoform 2 {Homo sapiens;} , partial (8%) [THC2444634]	8.87065	9.60999E-06
AK056150	LOC149478	hypothetical protein LOC149478	7.34421	0.00004
A_24_P101181	A_24_P101181	Unknown	7.72485	0.00003
NM_014657	KIAA0406	KIAA0406	13.42386	2.94683E-07
NM_004808	NMT2	N-myristoyltransferase 2	-6.83368	0.00008
NM_004249	RAB28	RAB28, member RAS oncogene family	7.06441	0.00006
NM_018121	C10orf6	Chromosome 10 open reading frame 6	-9.42738	5.83253E-06
NM_012395	PFTK1	PFTAIRE protein kinase 1	-7.45833	0.00004
NM_080596	HIST1H2AH	Histone cluster 1, H2ai	7.1406	0.00005
NM_003806	HRK	Harakiri, BCL2 interacting protein (contains only BH3 domain)	6.88927	0.00007
NM_032438	L3MBTL3	L(3)mbt-like 3 (Drosophila)	-7.00205	0.00006
NM_006290	TNFAIP3	Tumor necrosis factor, alpha-induced protein 3	8.65812	0.00001
NM_015061	JMJD2C	Jumonji domain containing 2C	-10.21014	3.00869E-06
NM_153813	ZFPM1	Zinc finger protein, multitype 1	8.03175	0.00002
BC040982	PIK3C3	Phosphoinositide-3-kinase, class 3	-8.2424	0.00002
NM_001012651	NKTR	Natural killer-tumor recognition sequence	-8.32262	0.00002
BC028192	LOC161635	similar to casein kinase I alpha	6.79522	0.00008
AK002023	FLJ25715	CDNA FLJ11161 fis, clone PLACE1007021	-9.2345	6.9146E-06
NM_001684	ATP2B4	ATPase, Ca++ transporting, plasma membrane 4	9.10183	7.78657E-06
NM_004171	SLC1A2	Homo sapiens solute carrier family 1 (glial high affinity glutamate transporter), member 2 (SLC1A2), mRNA.	7.93271	0.00002
NM_006766	MYST3	MYST histone acetyltransferase (monocytic leukemia) 3	-8.77256	0.00001
NM_018622	PARL	Presenilin associated, rhomboid-like	8.68819	0.00001
NM_006224	PITPNA	Phosphatidylinositol transfer protein, alpha	6.70394	0.00009
NM_002873	RAD17	RAD17 homolog (S. pombe)	-8.20583	0.00002
THC2280638	THC2280638	RL2A_HUMAN (P46776) 60S ribosomal protein L27a, partial (24%) [THC2280638]	-7.53358	0.00004
BX427435	BX427435	Transcribed locus	7.05574	0.00006
NM_001017395	TMCC1	Transmembrane and coiled-coil domain family 1	7.44023	0.00004
A_24_P502660	A_24_P502660	Unknown	8.49614	0.00001
NM_181838	UBE2D2	Ubiquitin-conjugating enzyme E2D 2 (UBC4/5 homolog, yeast)	-14.33002	1.67656E-07
NM_002468	MYD88	Myeloid differentiation primary response gene (88)	7.41285	0.00004
NM_022487	DCLRE1C	DNA cross-link repair 1C (PSO2 homolog, S. cerevisiae)	-8.35217	0.00002
NM_032364	DNAJC14	DnaJ (Hsp40) homolog, subfamily C, member 14	-11.12091	1.46806E-06
NM_002737	PRKCA	Protein kinase C, alpha	11.80087	8.87837E-07
BQ317309	GC3H	Glycine cleavage system protein H (aminomethyl carrier)	6.8177	0.00008
NM_014360	NKX2-8	NK2 transcription factor related, locus 8 (Drosophila)	7.31477	0.00004
AJ002425	HSAJ2425	p65 protein	8.11665	0.00002
NM_006763	BTG2	BTG family, member 2	-7.82584	0.00003
A_24_P118721	A_24_P118721	Unknown	9.15287	7.43754E-06
NM_138763	BAX	BCL2-associated X protein	9.65811	4.77628E-06
NM_005819	STX6	Syntaxin 6	7.83975	0.00003
NM_017730	QRICH1	Glutamine-rich 1	-10.66821	2.08332E-06
NM_006827	TMED10	Transmembrane emp24-like trafficking protein 10 (yeast)	7.98498	0.00002
NM_012118	CCR4L	CCR4 carbon catabolite repression 4-like (S. cerevisiae)	7.30251	0.00005
NM_033532	CDC2L2	Cell division cycle 2-like 2 (PITSLRE proteins)	6.8601	0.00007

NM_177966	2'-PDE	2'-phosphodiesterase	8.47363	0.00001
NM_002103	GYS1	Glycogen synthase 1 (muscle)	-8.92352	9.15489E-06
NM_182547	TMED4	DEAD (Asp-Glu-Ala-Asp) box polypeptide 56	7.46187	0.00004
NM_021149	COTL1	Coactosin-like 1 (Dictyostelium)	-7.01049	0.00006
NM_002145	HOXB2	Homeobox B2	8.19278	0.00002
NM_001002909	GPATCH8	G patch domain containing 8	-9.04408	8.20341E-06
NM_021649	TICAM2	Toll-like receptor adaptor molecule 2	6.59711	0.0001
NM_022558	GH2	Chorionic somatomammotropin hormone 1 (placental lactogen)	8.05993	0.00002
NM_194247	HNRPA3	Heterogeneous nuclear ribonucleoprotein A3	7.43335	0.00004
NM_014153	ZC3H7A	Zinc finger CCCH-type containing 7A	7.05942	0.00006
NM_153045	C9orf91	Chromosome 9 open reading frame 91	-7.73743	0.00003
ENST00000312847	ENST00000312847	Unknown	6.86646	0.00007
NM_018013	FLJ10159	hypothetical protein FLJ10159	-7.60685	0.00003
X16323	HGF	Human mRNA for hepatocyte growth factor (HGF).	9.5554	5.21792E-06
A_32_P331700	A_32_P331700	Unknown	6.7671	0.00008
AK095600	ZNF709	Homo sapiens cDNA FLJ38281 fis, clone FCBBF3005729, moderately similar to Homo sapiens GIOT-4 mRNA for gonadotropin inducible transcription repressor-4.	-7.53387	0.00004
NM_001031628	LOC57228	small trans-membrane and glycosylated protein	10.54713	2.29279E-06
NM_015001	SPEN	Spen homolog, transcriptional regulator (Drosophila)	-10.27584	2.85175E-06
NM_002229	JUNB	Jun B proto-oncogene	12.09317	7.20878E-07
BX647217	HNRPA3	Heterogeneous nuclear ribonucleoprotein A3	8.416	0.00001
NM_014384	ACAD8	Acyl-Coenzyme A dehydrogenase family, member 8	-7.18087	0.00005
NM_138575	PGAM5	Phosphoglycerate mutase family member 5	7.49043	0.00004
NM_003884	PCAF	P300/CBP-associated factor	-8.25455	0.00002
AK122976	ZNF275	Zinc finger protein 275	-8.96519	8.81293E-06
NM_017911	FAM118A	Family with sequence similarity 118, member A	11.18404	1.39951E-06
NM_003791	MBTPS1	Membrane-bound transcription factor peptidase, site 1	-11.73778	9.29231E-07
AK096643	FLJ22184	hypothetical protein FLJ22184	10.23909	2.9384E-06
NM_017651	AHI1	Abelson helper integration site 1	-8.65797	0.00001
NM_002541	OGDH	Oxoglutarate (alpha-ketoglutarate) dehydrogenase (lipoamide)	7.30081	0.00005
NM_005561	LAMP1	Lysosomal-associated membrane protein 1	7.79006	0.00003
NM_015476	C18orf10	Chromosome 18 open reading frame 10	7.4762	0.00004
NM_006380	APPBP2	Amyloid beta precursor protein (cytoplasmic tail) binding protein 2	8.89445	9.40209E-06
BC007879	FAM120A	Family with sequence similarity 120A	7.06812	0.00006
NM_018221	MOBK1B	MOB1, Mps One Binder kinase activator-like 1B (yeast)	7.46482	0.00004
NM_147148	GSTM4	Glutathione S-transferase M4	8.61646	0.00001
AA451906	BIN1	Bridging integrator 1	7.4277	0.00004
NM_032383	HPS3	Hermansky-Pudlak syndrome 3	-6.97134	0.00007
A_24_P808838	A_24_P808838	Unknown	6.73859	0.00008
NM_001042537	SLC9A6	Solute carrier family 9 (sodium/hydrogen exchanger), member 6	-7.75826	0.00003
NM_031434	TMUB1	Transmembrane and ubiquitin-like domain containing 1	12.22266	6.5827E-07
AB020648	KIAA0841	KIAA0841	-8.89967	9.35718E-06
NM_015120	ALMS1	Alstrom syndrome 1	-8.99658	8.5646E-06
NM_015401	HDAC7A	Histone deacetylase 7A	-6.57001	0.0001
NM_000189	HK2	Hexokinase 2	6.72803	0.00009
NM_021149	COTL1	Coactosin-like 1 (Dictyostelium)	-6.86527	0.00007
CR603450	TRIM52	Tripartite motif-containing 52	-7.76938	0.00003
NM_175863	ARID1B	AT rich interactive domain 1B (SWI1-like)	12.1051	7.14841E-07
THC2295157	THC2295157	Unknown	-7.06649	0.00006
AJ008005	PSEN1	Presenilin 1 (Alzheimer disease 3)	9.19485	7.16338E-06
NM_007326	CYB5R3	Cytochrome b5 reductase 3	6.89825	0.00007
AK096104	LOC727820	hypothetical protein LOC727820	-9.71542	4.54783E-06
NM_000319	PEX5	Peroxisomal biogenesis factor 5	10.03095	3.48736E-06
BF895757	TRIM28	Tripartite motif-containing 28	6.34251	0.00013
BM509577	THC2281731	Transcribed locus, strongly similar to XP_001152474.1 hypothetical protein [Pan troglodytes]	10.69767	2.03562E-06
NM_021188	ZNF410	Zinc finger protein 410	-12.20709	6.65471E-07
NM_001681	ATP2A2	ATPase, Ca++ transporting, cardiac muscle, slow twitch 2	6.35897	0.00013
THC2377679	THC2377679	Unknown	-10.62465	2.15615E-06
NM_198494	ZNF642	Zinc finger protein 642	-7.31971	0.00004
NM_017706	WDR55	WD repeat domain 55	7.59863	0.00003

NM_024757	EHMT1	Euchromatic histone-lysine N-methyltransferase 1	8.32535	0.00002
A_24_P340966	A_24_P340966	Unknown	7.90415	0.00002
ENST00000380831	ENST00000380831	LPXK_RHIME (Q92RP7) Tetraacyldisaccharide 4'-kinase (Lipid A 4'-kinase) , partial (5%) [THC2374771]	-6.42385	0.00012
NM_013446	MKRN1	Makorin, ring finger protein, 1	-6.90506	0.00007
XM_928285	ENST00000375923	PREDICTED: Homo sapiens similar to protein expressed in prostate, ovary, testis, and placenta 15, transcript variant 1 (LOC653239), mRNA [XM_928285]	6.42221	0.00012
BX648945	EYA3	Eyes absent homolog 3 (Drosophila)	-8.35174	0.00002
NM_152367	C1orf161	Chromosome 1 open reading frame 161	8.07991	0.00002
NM_015361	R3HDM1	R3H domain containing 1	-8.80786	0.00001
NM_152896	UHRF2	Ubiquitin-like, containing PHD and RING finger domains, 2	-6.81973	0.00008
NM_001001396	ATP2B4	ATPase, Ca++ transporting, plasma membrane 4	-6.32724	0.00014
NM_020847	TNRC6A	Homo sapiens trinucleotide repeat containing 6A (TNRC6A), mRNA.	7.32895	0.00004
AK074590	SFRS16	Splicing factor, arginine/serine-rich 16	8.55204	0.00001
NM_001018052	POLR3H	Polymerase (RNA) III (DNA directed) polypeptide H (22.9kD)	6.76245	0.00008
NM_012256	ZNF212	Zinc finger protein 398	-7.93151	0.00002
NM_004850	ROCK2	Rho-associated, coiled-coil containing protein kinase 2	-8.12669	0.00002
NM_053041	COMM7	COMM domain containing 7	6.43078	0.00012
NM_015382	HECTD1	HECT domain containing 1	-9.02879	8.3178E-06
NM_033116	NEK9	NIMA (never in mitosis gene a)- related kinase 9	6.35421	0.00013
NM_002886	RAP2B	RAP2B, member of RAS oncogene family	9.69267	4.63706E-06
NM_014846	KIAA0196	KIAA0196	-6.66666	0.00009
NM_022658	HOXC8	Homeobox C4	6.23915	0.00015
NM_004788	UBE4A	Ubiquitination factor E4A (UFD2 homolog, yeast)	-7.44899	0.00004
NM_022776	OSBPL11	Oxysterol binding protein-like 11	-7.44389	0.00004
BC018035	IMP5	intramembrane protease 5	10.04526	3.4462E-06
NM_001007559	SS18	Synovial sarcoma translocation, chromosome 18	13.94595	2.12052E-07
AK000675	1-Mar	Membrane-associated ring finger (C3HC4) 1	-6.55294	0.0001
NM_004710	SYNGR2	Synaptogyrin 2	6.65626	0.00009
NM_014749	KIAA0586	KIAA0586	-6.46727	0.00012
NM_014925	R3HDM2	Homo sapiens R3H domain containing 2 (R3HDM2), mRNA.	-8.92219	9.16608E-06
NM_030567	PRR7	Proline rich 7 (synaptic)	7.36757	0.00004
NM_173514	FLJ90709	hypothetical protein FLJ90709	-7.07812	0.00006
NM_144653	BTBD14A	BTB (POZ) domain containing 14A	9.27991	6.64126E-06
BC063441	BC063441	Homo sapiens cDNA clone IMAGE:5527329, partial cds.	7.14285	0.00005
NM_000379	XDH	Xanthine dehydrogenase	6.77939	0.00008
BX648958	BX648958	Shinc-4 mRNA, partial sequence	-8.74774	0.00001
NM_007275	TUSC2	Tumor suppressor candidate 2	8.78322	0.00001
NM_005487	HMG2L1	High-mobility group protein 2-like 1	-7.02563	0.00006
NM_020245	TULP4	Tubby like protein 4	-8.25514	0.00002
NM_032788	ZNF514	Mitochondrial ribosomal protein S5	-8.39584	0.00002
ENST00000331736	ENST00000331736	Q8NH99 (Q8NH99) Seven transmembrane helix receptor, partial (77%) [THC2437350]	8.07755	0.00002
NM_182314	COVA1	Cytosolic ovarian carcinoma antigen 1	-10.02086	3.51669E-06
NM_015330	SPECC1L	SPECC1-like	-9.41199	5.91167E-06
NM_014649	SAFB2	Small nuclear ribonucleoprotein polypeptide E	7.43943	0.00004
NM_007253	CYP4F8	Cytochrome P450, family 4, subfamily F, polypeptide 8	8.22057	0.00002
AK130071	ZBTB44	Zinc finger and BTB domain containing 44	-6.57362	0.0001
NM_145006	SUSD3	Sushi domain containing 3	-7.18067	0.00005
NM_001394	DUSP4	Dual specificity phosphatase 4	7.89185	0.00002
NM_007175	SPFH2	SPFH domain family, member 2	-8.77846	0.00001
NM_080611	DUSP15	Dual specificity phosphatase 15	6.86459	0.00007
NM_033296	MRFAP1	Mof4 family associated protein 1	7.20985	0.00005
NM_006037	HDAC4	Histone deacetylase 4	6.91398	0.00007
NM_001033858	DCLRE1C	DNA cross-link repair 1C (PSO2 homolog, S. cerevisiae)	-6.19183	0.00016
NM_012181	FKBP8	FK506 binding protein 8, 38kDa	10.34449	2.69733E-06
AK055921	MST101	MSTP101	-10.08009	3.34822E-06
AK057884	COG3	Component of oligomeric golgi complex 3	6.83815	0.00008
NM_015448	RP11-529110.4	deleted in a mouse model of primary ciliary dyskinesia	7.35999	0.00004
NM_205861	DHDDS	Dehydrodolichyl diphosphate synthase	9.46651	5.63664E-06
NM_003255	TIMP2	TIMP metalloproteinase inhibitor 2	9.53344	5.31808E-06
AJ420589	FAM120B	Family with sequence similarity 120B	-8.32685	0.00002

NM_017851	PARP16	Poly (ADP-ribose) polymerase family, member 16	-8.30035	0.00002
NM_001002021	PFKL	Phosphofructokinase, liver	6.55024	0.00011
NM_004491	GRLF1	Glucocorticoid receptor DNA binding factor 1	6.56125	0.0001
NM_022457	RFWD2	Ring finger and WD repeat domain 2	-6.49304	0.00011
NM_006555	YKT6	YKT6 v-SNARE homolog (S. cerevisiae)	6.62617	0.0001
NM_018452	C6orf35	Chromosome 6 open reading frame 35	6.82308	0.00008
NM_006464	TGOLN2	Trans-golgi network protein 2	-7.19236	0.00005
NM_002860	ALDH18A1	Aldehyde dehydrogenase 18 family, member A1	-10.20157	3.02985E-06
NM_145232	ATPBD3	ATP binding domain 3	6.34185	0.00013
NM_001233	CAV2	Caveolin 2	10.02277	3.51112E-06
A_24_P322908	A_24_P322908	Unknown	-7.38585	0.00004
NM_139246	C9orf97	Chromosome 9 open reading frame 97	7.67513	0.00003
NM_025154	UNC84A	Unc-84 homolog A (C. elegans)	-7.71957	0.00003
NM_015655	ZNF337	Zinc finger protein 337	-6.34247	0.00013
NM_033083	EAF1	ELL associated factor 1	6.56433	0.0001
NM_021096	CACNA1I	Calcium channel, voltage-dependent, alpha 1I subunit	8.34352	0.00002
NM_014423	AFF4	AF4/FMR2 family, member 4	-6.759	0.00008
BC010538	C18orf18	Hypothetical protein LOC339290	-7.97833	0.00002
NM_002541	OGDH	Oxoglutarate (alpha-ketoglutarate) dehydrogenase (lipoamide)	8.14865	0.00002
NM_174887	IFT20	Intraflagellar transport 20 homolog (Chlamydomonas)	9.26877	6.70721E-06
XM_936535	NDOR1	PREDICTED: Homo sapiens hypothetical protein LOC648245, transcript variant 1 (LOC648245), mRNA [XM_936535]	7.74239	0.00003
NM_019896	POLE4	Polymerase (DNA-directed), epsilon 4 (p12 subunit)	8.36258	0.00002
NM_016154	RAB4B	RAB4B, member RAS oncogene family	6.27108	0.00015
NM_033129	SCRT2	Scratch homolog 2, zinc finger protein (Drosophila)	6.66725	0.00009
NM_001012614	CTBP1	C-terminal binding protein 1	7.38024	0.00004
BC045778	XYLT1	Xylosyltransferase I	-6.16707	0.00017
NM_012208	HARSL	Histidyl-tRNA synthetase-like	-8.54862	0.00001
NM_014411	NAG8	nasopharyngeal carcinoma associated gene protein-8	-6.87141	0.00007
NM_022893	BCL11A	B-cell CLL/lymphoma 11A (zinc finger protein)	-7.86838	0.00003
NM_000019	ACAT1	Acetyl-Coenzyme A acetyltransferase 1 (acetoacetyl Coenzyme A thiolase)	6.17359	0.00016
NM_014802	KIAA0528	KIAA0528	-7.27048	0.00005
NM_014912	CPEB3	Cytoplasmic polyadenylation element binding protein 3	-9.89204	3.91629E-06
NM_152285	ARRDC1	Arrestin domain containing 1	6.40343	0.00012
NM_020438	DOLPP1	Dolichyl pyrophosphate phosphatase 1	6.43503	0.00012
AK090478	TMC8	Transmembrane channel-like 8	-7.59888	0.00003
NM_014329	EDC4	Enhancer of mRNA decapping 4	6.31661	0.00014
NM_015229	KIAA0664	KIAA0664	6.8895	0.00007
NM_018360	CXorf15	Chromosome X open reading frame 15	9.35232	6.2297E-06
AK026760	C20orf119	Chromosome 20 open reading frame 119	-7.30047	0.00005
NM_048368	CTDP1	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) phosphatase, subunit 1	6.38575	0.00013
NM_174891	C14orf79	Chromosome 14 open reading frame 79	8.13124	0.00002
AK056484	LOC441204	hypothetical locus LOC441204	8.75709	0.00001
NM_020711	KIAA1189	KIAA1189	-7.43592	0.00004
NM_024891	FLJ11783	hypothetical protein FLJ11783	-14.18157	1.83464E-07
S72422	DLSTP	E2k=alpha-ketoglutarate dehydrogenase complex dihydrolipoyl succinyltransferase [human, fetal brain, mRNA, 2987 nt].	6.15369	0.00017
AB018323	JMJD2C	Jumonji domain containing 2C	-7.69576	0.00003
NM_006696	BRD8	Bromodomain containing 8	-8.73726	0.00001
NM_177439	FTSJ1	FtsJ homolog 1 (E. coli)	6.55266	0.0001
THC2392085	THC2392085	Unknown	-7.57601	0.00003
NM_005645	TAF13	TAF13 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 18kDa	6.49776	0.00011
NM_182612	PDDC1	Parkinson disease 7 domain containing 1	10.24294	2.92916E-06
NM_004284	CHD1L	Chromodomain helicase DNA binding protein 1-like	-8.18555	0.00002
NM_032354	TMEM107	Transmembrane protein 107	-9.96453	3.68563E-06
NM_002182	IL1RAP	Interleukin 1 receptor accessory protein	-6.23672	0.00015
NM_001007071	RPS6KB2	Ribosomal protein S6 kinase, 70kDa, polypeptide 2	6.0887	0.00018
NM_032349	NUDT16L1	Nudix (nucleoside diphosphate linked moiety X)-type motif 16-like 1	6.94114	0.00007
NM_017951	SMPD4	Sphingomyelin phosphodiesterase 4, neutral membrane (neutral sphingomyelinase-3)	5.9566	0.00021
NM_032042	C5orf21	Chromosome 5 open reading frame 21	-5.99255	0.0002
AI090937	LOC729616	hypothetical protein LOC729616	-7.02475	0.00006

NM_022764	MTHFSD	Methenyltetrahydrofolate synthetase domain containing	-9.35301	6.22594E-06
NM_001315	MAPK14	Mitogen-activated protein kinase 14	-9.49739	5.48709E-06
NM_198867	ALKBH6	AlkB, alkylation repair homolog 6 (E. coli)	5.99375	0.0002
NM_004155	SERPINB9	Serpin peptidase inhibitor, clade B (ovalbumin), member 9	8.93566	9.05384E-06
NM_198970	AES	Amino-terminal enhancer of split	7.18158	0.00005
NM_007353	GNA12	Guanine nucleotide binding protein (G protein) alpha 12	7.51614	0.00004
BC087847	ENST00000322446	CDNA clone IMAGE:30389268	8.47062	0.00001
NM_145869	ANXA11	Annexin A11	-9.25282	6.80287E-06
AB014574	FKBP15	FK506 binding protein 15, 133kDa	-13.99188	2.06113E-07
NM_033426	KIAA1737	KIAA1737	-7.68569	0.00003
BQ425510	ADNP	Transcribed locus	-8.23074	0.00002
NM_016287	HP1BP3	Heterochromatin protein 1, binding protein 3	8.19698	0.00002
NM_016255	FAM8A1	Family with sequence similarity 8, member A1	-6.9287	0.00007
NM_004637	RAB7	RAB7, member RAS oncogene family	6.02105	0.0002
NM_144982	CCDC131	Coiled-coil domain containing 131	-6.4492	0.00012
THC2365247	THC2365247	Q6QAQ1 (Q6QAQ1) Cytoskeletal beta actin (Fragment), partial (76%) [THC2365247]	5.97469	0.00021
NM_014719	KIAA0738	KIAA0738 gene product	-10.86208	1.79053E-06
NM_016028	SUV420H1	Suppressor of variegation 4-20 homolog 1 (Drosophila)	8.9239	9.15176E-06
NM_033274	ADAM19	ADAM metallopeptidase domain 19 (meltrin beta)	-7.76503	0.00003
AF086790	ACON	Homo sapiens aconitase precursor (ACON) mRNA, nuclear gene encoding mitochondrial protein, partial cds.	11.59634	1.02999E-06
NM_032236	USP48	Ubiquitin specific peptidase 48	-6.86748	0.00007
NM_001125	ADPRH	ADP-ribosylarginine hydrolase	6.64904	0.00009
NM_178508	C6orf1	Chromosome 6 open reading frame 1	8.21324	0.00002
NM_015691	WWC3	WWC family member 3	-9.22295	6.98604E-06
NM_032353	VPS25	Vacuolar protein sorting 25 homolog (S. cerevisiae)	7.29826	0.00005
NM_016372	GPR175	G protein-coupled receptor 175	6.49813	0.00011
AL359584	BXDC5	Brix domain containing 5	-6.78264	0.00008
NM_001009955	SSBP3	Single stranded DNA binding protein 3	8.57491	0.00001
NM_201649	SLC6A9	Solute carrier family 6 (neurotransmitter transporter, glycine), member 9	7.77425	0.00003
AB075502	C6orf62	Chromosome 6 open reading frame 62	-6.64251	0.00009
NM_173587	RCOR2	REST corepressor 2	7.89684	0.00002
NM_001006634	ARHGAP17	Rho GTPase activating protein 17	-9.86551	4.00466E-06
NM_003656	CAMK1	Calcium/calmodulin-dependent protein kinase I	7.09836	0.00006
NM_017640	LRRC16	Leucine rich repeat containing 16	-6.80494	0.00008
CB987747	CB987747	Transcribed locus	-7.90385	0.00002
NM_052957	ACRC	Acidic repeat containing	-7.3354	0.00004
NM_005634	SOX3	SRY (sex determining region Y)-box 3	8.01509	0.00002
NM_138348	FAM105B	Family with sequence similarity 105, member B	7.37875	0.00004
NM_017813	IMPAD1	Inositol monophosphatase domain containing 1	7.59455	0.00003
NM_030576	LIMD2	LIM domain containing 2	12.89038	4.17569E-07
NM_000466	PEX1	Peroxisome biogenesis factor 1	-10.02315	3.51001E-06
NM_001521	GTF3C2	General transcription factor IIIC, polypeptide 2, beta 110kDa	8.99983	8.5394E-06
AK125038	KIAA0500	KIAA0500 protein	-5.89084	0.00023
NM_015367	BCL2L13	BCL2-like 13 (apoptosis facilitator)	6.02735	0.0002
NM_015635	GAPVD1	GTPase activating protein and VPS9 domains 1	6.35776	0.00013
NM_201589	MAFA	V-maf musculoaponeurotic fibrosarcoma oncogene homolog A (avian)	7.51391	0.00004
NM_017742	ZCCHC2	Zinc finger, CCHC domain containing 2	-6.89791	0.00007
NM_015138	RTF1	Rtf1, Paf1/RNA polymerase II complex component, homolog (S. cerevisiae)	-7.75704	0.00003
NM_030802	FAM117A	Family with sequence similarity 117, member A	-6.45889	0.00012
NM_017580	ZRANB1	Zinc finger, RAN-binding domain containing 1	7.16513	0.00005
CR624826	WASF2	CDNA clone IMAGE:3030163	-7.8809	0.00002
NM_004310	RHOH	Ras homolog gene family, member H	-8.98267	8.67368E-06
NM_014827	ZC3H11A	Zinc finger CCCH-type containing 11A	-9.52615	5.35178E-06
NM_021960	MCL1	Myeloid cell leukemia sequence 1 (BCL2-related)	-9.30554	6.4923E-06
THC2275506	THC2275506	ALU4_HUMAN (P39191) Alu subfamily SB2 sequence contamination warning entry, partial (24%) [THC2275506]	-7.19705	0.00005
NM_022066	UBE2O	Ubiquitin-conjugating enzyme E2O	-8.02194	0.00002
NM_015100	POGZ	Pogo transposable element with ZNF domain	-9.44018	5.76767E-06
NM_032982	CASP2	Caspase 2, apoptosis-related cysteine peptidase (neural precursor cell expressed, developmentally down-regulated 2)	-6.4344	0.00012
NM_015568	PPP1R16B	Protein phosphatase 1, regulatory (inhibitor) subunit 16B	6.70901	0.00009



NM_001017992	DKFZp686D0972	similar to RIKEN cDNA 4732495G21 gene	7.41188	0.00004
NM_002073	GNAZ	Guanine nucleotide binding protein (G protein), alpha z polypeptide	8.64948	0.00001
A_24_P264416	A_24_P264416	Unknown	6.15843	0.00017
NM_152682	RWDD4A	RWD domain containing 4A	-7.11982	0.00006
NM_024833	ZNF671	Zinc finger protein 671	-8.82104	0.00001
A_24_P410070	A_24_P410070	Unknown	-7.09055	0.00006
NM_018210	FLJ10769	hypothetical protein FLJ10769	-10.36037	2.66292E-06
NM_003194	TBP	TATA box binding protein	-7.06616	0.00006
THC2306239	THC2306239	HUMPKD1G08 polycystic kidney disease 1 protein {Homo sapiens;} , partial (12%) [THC2306239]	6.39854	0.00013
NM_021158	TRIB3	Tribbles homolog 3 (Drosophila)	6.25082	0.00015
NM_020771	HACE1	HECT domain and ankyrin repeat containing, E3 ubiquitin protein ligase 1	-6.76349	0.00008
NM_030939	C6orf62	Chromosome 6 open reading frame 62	-6.49244	0.00011
ENST00000357697	ENST00000357697	Unknown	7.83769	0.00003
NM_021145	DMTF1	Cyclin D binding myb-like transcription factor 1	-7.75897	0.00003
NM_014912	CPEB3	Cytoplasmic polyadenylation element binding protein 3	-8.90297	9.32893E-06
NM_030569	ITIH5	Inter-alpha (globulin) inhibitor H5	9.22611	6.96638E-06
NM_031858	NBR1	Neighbor of BRCA1 gene 1	-11.10553	1.48531E-06
NM_024050	C19orf58	Chromosome 19 open reading frame 58	7.04054	0.00006
NM_014943	ZHX2	Zinc fingers and homeoboxes 2	-8.10382	0.00002
NM_173728	ARHGEF15	Rho guanine nucleotide exchange factor (GEF) 15	6.53943	0.00011
NM_014710	GPRASP1	G protein-coupled receptor associated sorting protein 2	-6.26554	0.00015
NM_024580	EFTUD1	Elongation factor Tu GTP binding domain containing 1	-6.34432	0.00013
AK127374	AK127374	CDNA FLJ45450 fis, clone BRSTN2002691	-8.71223	0.00001
BC062753	MCART1	Mitochondrial carrier triple repeat 1	-9.73391	4.47672E-06
NM_003640	IKBKAP	Inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase complex-associated protein	-7.39824	0.00004
NM_007375	TARDBP	TAR DNA binding protein	-6.66957	0.00009
CR594281	METTL3	Methyltransferase like 3	-8.80668	0.00001
NM_002014	FKBP4	FK506 binding protein 4, 59kDa	6.81268	0.00008
NM_145279	MOBK12C	MOB1, Mps One Binder kinase activator-like 2C (yeast)	10.59534	2.20673E-06
BC043212	EFHB	EF-hand domain family, member B	6.97051	0.00007
NM_003146	SSRP1	Structure specific recognition protein 1	-6.13864	0.00017
NM_015107	PHF8	PHD finger protein 8	-7.1863	0.00005
BC051311	DKFZp547E087	hypothetical gene LOC283846	9.24017	6.87976E-06
NM_018688	BIN3	Bridging integrator 3	5.69995	0.00029
NM_024620	ZNF329	Zinc finger protein 329	-7.79871	0.00003
NM_015001	SPEN	Spen homolog, transcriptional regulator (Drosophila)	-8.49844	0.00001
NM_014659	HISPPD2A	Histidine acid phosphatase domain containing 2A	-6.14796	0.00017
NM_016598	ZDHHC3	Zinc finger, DHHC-type containing 3	6.91463	0.00007
NM_018353	C14orf106	Chromosome 14 open reading frame 106	-6.98428	0.00006
NM_006861	RAB35	RAB35, member RAS oncogene family	11.1048	1.48613E-06
NM_018474	C20orf19	Homo sapiens chromosome 20 open reading frame 19 (C20orf19), mRNA.	-6.2157	0.00016
AB037855	KIAA1434	hypothetical protein KIAA1434	-7.0343	0.00006
AL834448	DKFZp547C195	hypothetical protein DKFZp547C195	-11.98823	7.7645E-07
NM_004629	FANCG	Fanconi anemia, complementation group G	-6.22857	0.00015
NM_033089	ZCCHC3	Zinc finger, CCHC domain containing 3	-6.36039	0.00013
THC2301362	THC2301362	Unknown	-7.58392	0.00003
AK026896	STK24	Serine/threonine kinase 24 (STE20 homolog, yeast)	-5.95955	0.00021
NM_032438	L3MBTL3	L(3)mbt-like 3 (Drosophila)	-6.4802	0.00011
THC2378263	THC2378263	Unknown	-6.63826	0.0001
NM_032560	SMEK1	SMEK homolog 1, suppressor of mek1 (Dictyostelium)	-7.87743	0.00003
NM_030915	LBH	Limb bud and heart development homolog (mouse)	8.06636	0.00002
NM_004364	CEBPA	CCAAT/enhancer binding protein (C/EBP), alpha	9.5187	5.3865E-06
NM_006278	ST3GAL4	ST3 beta-galactoside alpha-2,3-sialyltransferase 4	5.76877	0.00027
NM_018996	TNRC6C	Trinucleotide repeat containing 6C	6.87855	0.00007
NM_016479	SCOTIN	scotin	-10.49939	2.38168E-06
NM_019555	ARHGEF3	Rho guanine nucleotide exchange factor (GEF) 3	-10.73596	1.9754E-06
NM_207660	ZC3H14	Zinc finger CCCH-type containing 14	8.23037	0.00002
AY726570	ENST00000367696	Clone TESTIS-724 mRNA sequence	-6.55525	0.0001
NM_012239	SIRT3	Sirtuin (silent mating type information regulation 2 homolog) 3 (S. cerevisiae)	-7.27221	0.00005

NM_139321	ATRN	Attractin	-11.14924	1.43685E-06
NM_006868	RAB31	RAB31, member RAS oncogene family	-8.70562	0.00001
NM_003730	RNASET2	Ribonuclease T2	-6.26012	0.00015
BC045677	FAM123A	Family with sequence similarity 123A	7.88642	0.00002
NM_005626	SFRS4	Splicing factor, arginine/serine-rich 4	6.47874	0.00011
NM_003510	HIST1H2AK	Histone cluster 1, H2ak	6.79094	0.00008
NM_006814	PSMF1	Proteasome (prosome, macropain) inhibitor subunit 1 (PI31)	-6.85967	0.00007
NR_002939	RUNDC2C	Homo sapiens RUN domain containing 2C (RUNDC2C) on chromosome 16.	10.2493	2.91402E-06
NM_005946	MT1A	Metallothionein 1A (functional)	5.81991	0.00025
NM_145698	ACBD5	Acyl-Coenzyme A binding domain containing 5	8.7742	0.00001
AY629351	ZCCHC4	Zinc finger, CCHC domain containing 4	7.46566	0.00004
NM_145071	CISH	Cytokine inducible SH2-containing protein	6.338	0.00013
NM_016072	GOLT1B	Golgi transport 1 homolog B (S. cerevisiae)	8.13565	0.00002
AK056744	VPS13C	Vacuolar protein sorting 13 homolog C (S. cerevisiae)	-6.21249	0.00016
AF174606	SHFM3P1	Breakpoint cluster region	6.2552	0.00015
NM_023923	PHACTR4	Phosphatase and actin regulator 4	-9.54987	5.24294E-06
CR591805	TMEM183A	Chromosome 1 open reading frame 37	-7.74218	0.00003
AY163812	C17orf80	Chromosome 17 open reading frame 80	-6.70328	0.00009
NM_001127	AP1B1	Adaptor-related protein complex 1, beta 1 subunit	6.3445	0.00013
AK024489	PPP1R3E	Protein phosphatase 1, regulatory (inhibitor) subunit 3E	-5.77543	0.00027
NM_014827	ZC3H11A	Zinc finger CCCH-type containing 11A	-9.04607	8.18865E-06
NM_020651	PEL11	Pellino homolog 1 (Drosophila)	-10.29063	2.81767E-06
NM_001004351	MGC57359	similar to Williams Beuren syndrome chromosome region 19	9.7492	4.41886E-06
A_23_P140454	A_23_P140454	Unknown	7.70324	0.00003
NM_021639	GPBP1L1	GC-rich promoter binding protein 1-like 1	-9.69439	4.63023E-06
THC2437906	THC2437906	Unknown	-7.29071	0.00005
NM_014751	MTSS1	Metastasis suppressor 1	-6.83835	0.00008
THC2274685	THC2274685	AF326941 5H1 {Caenorhabditis elegans;} , partial (16%) [THC2274685]	-5.8588	0.00024
NM_006994	BTN3A3	Butyrophilin, subfamily 3, member A3	-6.7053	0.00009
NM_194302	CCDC108	Coiled-coil domain containing 108	8.27613	0.00002
NM_018475	TMEM165	Transmembrane protein 165	6.52923	0.00011
NM_018355	ZNF415	Zinc finger protein 415	-6.32122	0.00014
AW948903	ELK3	ELK3, ETS-domain protein (SRF accessory protein 2)	10.10496	3.28015E-06
NM_017733	PIGG	Phosphatidylinositol glycan anchor biosynthesis, class G	-8.82095	0.00001
NM_013433	TNPO2	Transportin 2 (importin 3, karyopherin beta 2b)	5.7888	0.00026
NM_003379	VIL2	Villin 2 (ezrin)	7.14114	0.00005
AK093641	FAM120AOS	Family with sequence similarity 120A opposite strand	-8.05047	0.00002
NM_023015	INTS3	Integrator complex subunit 3	-6.0334	0.00019
NM_002017	FLI1	Friend leukemia virus integration 1	-6.68628	0.00009
NM_145808	MTPN	Myotrophin	8.14242	0.00002
A_24_P118591	A_24_P118591	Unknown	-7.11249	0.00006
BG620990	LOC339352	similar to ATP binding domain 3	5.91871	0.00022
NM_002862	PYGB	Phosphorylase, glycogen; brain	6.26247	0.00015
XM_291857	A_24_P499282	Unknown	8.70354	0.00001
NM_022040	LAT2	Linker for activation of T cells family, member 2	5.99705	0.0002
AL122093	ZP4	Zona pellucida glycoprotein 4	6.09319	0.00018
NM_012448	STAT5B	Signal transducer and activator of transcription 5B	7.84235	0.00003
NM_017777	MKS1	Meckel syndrome, type 1	6.36619	0.00013
NM_052831	C6orf192	Chromosome 6 open reading frame 192	-5.92287	0.00022
NM_207336	ZNF467	Zinc finger protein 467	9.10574	7.75922E-06
NM_005550	KIFC3	Kinesin family member C3	7.12481	0.00006
NM_001312	CRIP2	Cysteine-rich protein 2	5.77985	0.00027
XM_372970	ENST00000312710	Unknown	6.04444	0.00019
NM_015135	NUP205	Nucleoporin 205kDa	-9.28016	6.63981E-06
NM_005800	USPL1	Ubiquitin specific peptidase like 1	-6.5711	0.0001
THC2284174	THC2284174	Unknown	-8.71174	0.00001
A_24_P213175	A_24_P213175	Unknown	-5.91113	0.00023
NM_000873	ICAM2	Intercellular adhesion molecule 2	-6.44068	0.00012
NM_014742	TM9SF4	Transmembrane 9 superfamily protein member 4	-9.05755	8.10401E-06

NM_003858	CCNK	Cyclin K	-6.93939	0.00007
NM_144498	OSBPL2	Oxysterol binding protein-like 2	-7.43179	0.00004
NM_032819	ZNF341	Zinc finger protein 341	8.05677	0.00002
A_24_P273004	A_24_P273004	Unknown	-11.34914	1.23637E-06
NM_178170	NEK8	NIMA (never in mitosis gene a)- related kinase 8	15.27718	9.62147E-08
NM_003791	MBTPS1	Membrane-bound transcription factor peptidase, site 1	6.5654	0.0001
XM_497271	A_24_P761490	Unknown	7.0537	0.00006
NM_020800	IFT80	Intraflagellar transport 80 homolog (Chlamydomonas)	-5.90569	0.00023
NM_015412	C3orf17	Chromosome 3 open reading frame 17	-7.11308	0.00006
NM_021064	HIST1H2AG	Histone cluster 1, H2ag	6.92417	0.00007
NM_015893	PRLH	Prolactin releasing hormone	8.0239	0.00002
NM_024040	CUEDC2	CUE domain containing 2	6.71805	0.00009
A_24_P340916	A_24_P340916	Unknown	5.93574	0.00022
NM_006738	AKAP13	A kinase (PRKA) anchor protein 13	9.53395	5.31574E-06
NM_014587	SOX8	SRY (sex determining region Y)-box 8	6.76814	0.00008
NM_001126	ADSS	Adenylosuccinate synthase	6.04218	0.00019
NM_014189	ADD1	Adducin 1 (alpha)	6.99685	0.00006
NM_001024847	TGFBR2	Transforming growth factor, beta receptor II (70/80kDa)	5.75954	0.00027
NM_014708	KNTC1	Kinetochore associated 1	-6.31481	0.00014
NM_033402	LRRCC1	Leucine rich repeat and coiled-coil domain containing 1	-7.93516	0.00002
NM_006129	BMP1	Bone morphogenetic protein 1	8.37174	0.00002
NM_007260	LYPLA2	Lysophospholipase II	5.78566	0.00026
AL834499	LOC90113	hypothetical protein BC009862	8.85453	9.75368E-06
BX640624	IGHA1	Immunoglobulin heavy constant alpha 1	5.77955	0.00027
NM_058187	C21orf63	Chromosome 21 open reading frame 63	6.98823	0.00006
AK055501	RPL15	Ribosomal protein L15	-6.50653	0.00011
AF039564	RBBP9	Homo sapiens retinoblastoma binding protein (RBBP9) mRNA, complete cds.	7.94915	0.00002
BC041387	MCTP2	Multiple C2 domains, transmembrane 2	-6.79143	0.00008
A_23_P252501	A_23_P252501	Unknown	10.69754	2.03582E-06
NM_014023	WDR37	WD repeat domain 37	-6.4766	0.00011
NM_172037	RDH10	Retinol dehydrogenase 10 (all-trans)	8.73814	0.00001
A_24_P106166	A_24_P106166	Unknown	-6.28848	0.00014
NM_178313	SPTBN1	Spectrin, beta, non-erythrocytic 1	5.45395	0.0004
THC2403165	THC2403165	Q6TXI7 (Q6TXI7) LRRGT00012, partial (4%) [THC2403165]	-7.92713	0.00002
NM_080660	ZC3HAV1L	Zinc finger CCCH-type, antiviral 1-like	8.99264	8.59541E-06
AK123844	C9orf45	Spermatid perinuclear RNA binding protein	-6.84307	0.00008
NM_207581	DUOXA2	Dual oxidase maturation factor 2	7.20138	0.00005
AK128714	LOC647121	similar to embigin homolog	-6.07806	0.00018
NM_152906	C22orf25	Chromosome 22 open reading frame 25	6.93325	0.00007
NM_000982	RPL21	Ribosomal protein L21	-6.65631	0.00009
NM_133330	WHSC1	Wolf-Hirschhorn syndrome candidate 1	-10.55755	2.27388E-06
NM_003636	KCNAB2	Potassium voltage-gated channel, shaker-related subfamily, beta member 2	8.84297	9.85807E-06
NM_033064	ATCAY	Ataxia, cerebellar, Cayman type (caytaxin)	9.55873	5.20293E-06
THC2427841	THC2427841	Q9JM93 (Q9JM93) SRp25 nuclear protein (ADP-ribosylation factor-like 6 interacting protein 4), partial (7%) [THC2427841]	-7.12454	0.00006
NM_012115	CASP8AP2	CASP8 associated protein 2	-7.48469	0.00004
XM_496950	LOC441320	PREDICTED: Homo sapiens similar to seven transmembrane helix receptor (LOC441320), mRNA [XM_496950]	7.82806	0.00003
NM_006521	TFE3	Transcription factor binding to IGHM enhancer 3	-9.40066	5.97063E-06
NM_032813	TMTC4	Transmembrane and tetratricopeptide repeat containing 4	-7.55316	0.00003
XM_929854	LOC646890	PREDICTED: Homo sapiens hypothetical protein LOC646890 (LOC646890), mRNA [XM_929854]	-5.8798	0.00023
NM_172193	KLHDC1	Kelch domain containing 1	5.70628	0.00029
NM_006289	TLN1	Talin 1	5.85014	0.00024
NM_004609	TCF15	Transcription factor 15 (basic helix-loop-helix)	6.93939	0.00007
NM_018442	IQWD1	IQ motif and WD repeats 1	-11.63764	9.99374E-07
NM_003110	SP2	Sp2 transcription factor	-7.66008	0.00003
NM_016089	ZNF589	Zinc finger protein 589	-7.66171	0.00003
THC2378504	THC2378504	Unknown	-5.67893	0.0003
NM_018117	BRWD2	Bromodomain and WD repeat domain containing 2	-6.96869	0.00007
NM_024676	C1orf113	Chromosome 1 open reading frame 113	5.59764	0.00034
AK098835	ZFX1B	Zinc finger homeobox 1b	-5.92034	0.00022

NM_000235	LIPA	Lipase A, lysosomal acid, cholesterol esterase (Wolman disease)	-6.63589	0.0001
NM_001852	COL9A2	Collagen, type IX, alpha 2	-7.20238	0.00005
NM_021170	HES4	Hairy and enhancer of split 4 (Drosophila)	9.59815	5.02884E-06
NM_032340	C6orf125	Chromosome 6 open reading frame 125	12.24403	6.48527E-07
NM_012407	PICK1	Protein interacting with PRKCA 1	6.45076	0.00012
NM_005343	HRAS	V-Ha-ras Harvey rat sarcoma viral oncogene homolog	5.45148	0.0004
AK130576	ARHGAP24	Rho GTPase activating protein 24	-5.8887	0.00023
AL831999	SUGT1	MRNA; cDNA DKFZp451K063 (from clone DKFZp451K063)	-7.49324	0.00004
DQ287932	DPY19L1	Dpy-19-like 1 (C. elegans)	7.50563	0.00004
AK098256	LOC728723	hypothetical protein LOC728723	7.87079	0.00003
THC2441708	THC2441708	Unknown	9.15445	0.000007427
NM_004649	C21orf33	Chromosome 21 open reading frame 33	-7.56222	0.00003
NM_021003	PPM1A	Protein phosphatase 1A (formerly 2C), magnesium-dependent, alpha isoform	-6.37986	0.00013
AF307332	MGEA5	Meningioma expressed antigen 5 (hyaluronidase)	-6.55078	0.00011
NM_005159	ACTC1	Actin, alpha, cardiac muscle 1	5.65957	0.00031
NM_014824	FCHSD2	FCH and double SH3 domains 2	-7.13614	0.00005
NM_001397	ECE1	Endothelin converting enzyme 1	5.45317	0.0004
NM_019042	PUS7	Pseudouridylate synthase 7 homolog (S. cerevisiae)	8.95172	8.92198E-06
NM_004096	EIF4EBP2	Eukaryotic translation initiation factor 4E binding protein 2	-6.01179	0.0002
A_32_P119165	A_32_P119165	Unknown	-6.04598	0.00019
NM_013398	ZNF224	Zinc finger protein 224	-6.49534	0.00011
NM_001039888	ANKRD34	Ankyrin repeat domain 34	-5.80244	0.00026
A_24_P67378	A_24_P67378	Unknown	6.82367	0.00008
NM_152549	CCDC112	Coiled-coil domain containing 112	-6.31102	0.00014
AK092824	AMN	Amnionless homolog (mouse)	-5.76454	0.00027
NM_194247	HNRPA3	Heterogeneous nuclear ribonucleoprotein A3	7.60297	0.00003
NM_006569	CGREF1	Cell growth regulator with EF-hand domain 1	8.72836	0.00001
NM_152687	C5orf29	Chromosome 5 open reading frame 29	-5.52685	0.00037
NM_005436	CCDC6	Coiled-coil domain containing 6	-7.57251	0.00003
NM_017723	FLJ20245	hypothetical protein FLJ20245	-8.75065	0.00001
NM_020145	SH3GLB2	Sec23 homolog B (S. cerevisiae)	6.66636	0.00009
A_24_P358205	A_24_P358205	Unknown	-7.12448	0.00006
NM_001104	ACTN3	Actinin, alpha 3	5.36436	0.00045
NM_001111	ADAR	Adenosine deaminase, RNA-specific	6.46515	0.00012
NM_024778	LONRF3	LON peptidase N-terminal domain and ring finger 3	6.13423	0.00017
NM_014670	BZW1	Basic leucine zipper and W2 domains 1	6.26341	0.00015
NM_172020	POM121	POM121 membrane glycoprotein (rat)	-8.87468	9.57445E-06
NM_000539	RHO	Rhodopsin (opsin 2, rod pigment) (retinitis pigmentosa 4, autosomal dominant)	8.27908	0.00002
NM_020998	MST1	Macrophage stimulating 1 (hepatocyte growth factor-like)	8.08571	0.00002
NM_014417	BBC3	BCL2 binding component 3	6.68822	0.00009
NM_005796	NUTF2	Nuclear transport factor 2	5.44463	0.00041
NM_153342	TMEM150	Transmembrane protein 150	5.64117	0.00032
AK091057	LOC285535	hypothetical protein LOC285535	-8.33776	0.00002
NM_032932	RAB11FIP4	RAB11 family interacting protein 4 (class II)	-7.08778	0.00006
A_32_P167723	A_32_P167723	Unknown	6.59109	0.0001
NM_001007793	BUB3	BUB3 budding uninhibited by benzimidazoles 3 homolog (yeast)	5.60451	0.00033
ENST00000372821	ENST00000372821	Q6DEY7 (Q6DEY7) MGC89376 protein, partial (38%) [THC2400949]	-7.5636	0.00003
NM_032580	HES7	Hairy and enhancer of split 7 (Drosophila)	8.7194	0.00001
NM_144596	TTC8	Tetratricopeptide repeat domain 8	-6.49123	0.00011
NM_001024457	RGPD1	Plasminogen-like B1	-5.37308	0.00045
NM_014157	CCDC113	Coiled-coil domain containing 113	7.65554	0.00003
NM_152262	ZNF439	Zinc finger protein 439	-5.84169	0.00025
NM_015358	MORC3	MORC family CW-type zinc finger 3	-6.20742	0.00016
NM_197941	ADAMTS6	ADAM metalloproteinase with thrombospondin type 1 motif, 6	-6.43052	0.00012
NM_146421	GSTM1	Glutathione S-transferase M1	5.20983	0.00056
NM_052861	MGC21675	hypothetical protein MGC21675	-6.36104	0.00013
NM_000182	HADHA	Hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase (trifunctional protein), alpha subunit	8.29677	0.00002
NM_017443	POLE3	Polymerase (DNA directed), epsilon 3 (p17 subunit)	-6.66635	0.00009
NM_018254	RCOR3	REST corepressor 3	-6.75332	0.00008

NM_153002	GPR156	G protein-coupled receptor 156	7.48264	0.00004
NM_001010919	LOC441168	hypothetical protein LOC441168	-8.95495	8.8957E-06
NM_005452	WDR46	WD repeat domain 46	5.35346	0.00046
NM_004290	RNF14	Ring finger protein 14	5.61613	0.00033
AK094269	LOC285813	hypothetical protein LOC285813	-6.16194	0.00017
NM_014641	MDC1	Mediator of DNA damage checkpoint 1	-10.5734	2.24545E-06
NM_018084	KIAA1212	KIAA1212	-5.64438	0.00032
NM_001008735	HMG1L1	High-mobility group (nonhistone chromosomal) protein 1-like 1	6.98657	0.00006
NM_001012398	FTS	Fused toes homolog (mouse)	5.31553	0.00048
NM_016546	C1RL	Complement component 1, r subcomponent-like	-9.50091	5.47037E-06
NM_003153	STAT6	Signal transducer and activator of transcription 6, interleukin-4 induced	-6.43102	0.00012
NM_001074	UGT2B7	UDP glucuronosyltransferase 2 family, polypeptide B7	7.85504	0.00003
NM_013328	PYCR2	Proline-5-carboxylate reductase family, member 2	5.42514	0.00042
NM_015897	PIAS4	Protein inhibitor of activated STAT, 4	6.55103	0.00011
NM_001283	AP1S1	Adaptor-related protein complex 1, sigma 1 subunit	5.21037	0.00056
NM_000923	PDE4C	Phosphodiesterase 4C, cAMP-specific (phosphodiesterase E1 dunce homolog, Drosophila)	7.48989	0.00004
NM_018676	THSD1	Thrombospondin, type I, domain containing 1	-7.01524	0.00006
NM_007042	RPP14	Ribonuclease P 14kDa subunit	5.88159	0.00023
NM_015926	TEX264	Testis expressed sequence 264	6.03192	0.00019
NM_021216	ZNF71	Zinc finger protein 71	-7.39256	0.00004
NM_001659	ARF3	ADP-ribosylation factor 3	6.08657	0.00018
THC2435127	THC2435127	Unknown	-7.00523	0.00006
NM_015153	PHF3	PHD finger protein 3	-7.08168	0.00006
THC2407434	THC2407434	ALU1_HUMAN (P39188) Alu subfamily J sequence contamination warning entry, partial (20%) [THC2407434]	-9.80581	4.21166E-06
NM_018051	WDR60	WD repeat domain 60	-5.79231	0.00026
NM_177987	TUBB8	tubulin, beta 8	5.56498	0.00035
BC037535	BC037535	CDNA clone IMAGE:5263531	-5.96076	0.00021
NM_015568	PPP1R16B	Protein phosphatase 1, regulatory (inhibitor) subunit 16B	-7.15947	0.00005
NM_021813	BACH2	BTB and CNC homology 1, basic leucine zipper transcription factor 2	-5.18425	0.00058
THC2345721	THC2345721	Unknown	-5.77505	0.00027
NM_015291	DNAJC16	DnaJ (Hsp40) homolog, subfamily C, member 16	-5.67192	0.0003
THC2437034	THC2437034	Q9N083 (Q9N083) Unnamed portein product, partial (43%) [THC2437034]	-5.95354	0.00021
NM_004804	CIAO1	Cytosolic iron-sulfur protein assembly 1 homolog (S. cerevisiae)	9.32183	6.39948E-06
NM_001558	IL10RA	Interleukin 10 receptor, alpha	-7.16204	0.00005
NM_006016	CD164	CD164 molecule, sialomucin	9.32468	6.38342E-06
NM_003581	NCK2	NCK adaptor protein 2	7.177	0.00005
NM_020432	PHTF2	Putative homeodomain transcription factor 2	-7.55837	0.00003
NM_016263	FZR1	Fizzy/cell division cycle 20 related 1 (Drosophila)	5.79913	0.00026
NM_006901	MYO9A	Myosin IXA	-6.32218	0.00014
BU661610	BU661610	Transcribed locus	-7.93911	0.00002
NM_001310	CREBL2	CAMP responsive element binding protein-like 2	-8.63283	0.00001
NM_015187	KIAA0746	KIAA0746 protein	-7.19882	0.00005
NM_014319	LEMD3	LEM domain containing 3	-5.23419	0.00054
NM_021008	DEAF1	Deformed epidermal autoregulatory factor 1 (Drosophila)	7.79753	0.00003
NM_015336	ZDHHC17	Zinc finger, DHHC-type containing 17	-6.20521	0.00016
NM_006888	CALM1	Calmodulin 1 (phosphorylase kinase, delta)	-6.26682	0.00015
NM_018198	DNAJC11	DnaJ (Hsp40) homolog, subfamily C, member 11	5.29002	0.0005
AF277175	KIAA0265	KIAA0265 protein	-6.54094	0.00011
NM_198974	TWF1	Twinfilin, actin-binding protein, homolog 1 (Drosophila)	9.75026	4.41488E-06
NM_005370	RAB8A	RAB8A, member RAS oncogene family	5.7961	0.00026
BG695979	BG695979	Transcribed locus	-6.26052	0.00015
NM_019044	CCDC93	Coiled-coil domain containing 93	-7.08537	0.00006
NM_032377	ELOF1	Elongation factor 1 homolog (S. cerevisiae)	5.33163	0.00047
NM_020336	KIAA1219	KIAA1219	-9.56667	5.16733E-06
NM_017704	ANKRD49	Ankyrin repeat domain 49	-6.59777	0.0001
BU618279	PPP3CA	Protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform (calcineurin A alpha)	8.48486	0.00001
NM_014730	KIAA0152	KIAA0152	5.53054	0.00037
NM_005153	USP10	Ubiquitin specific peptidase 10	6.93512	0.00007
NM_001001433	STX16	Syntaxin 16	8.14081	0.00002

BX098637	RAD50	Transcribed locus, weakly similar to NP_689672.2 protein LOC146556 [Homo sapiens]	-7.28539	0.00005
NM_001885	CRYAB	Crystallin, alpha B	7.84386	0.00003
NR_002797	LOC255783	hypothetical protein LOC255783	7.45402	0.00004
NM_031219	HDHD3	Haloacid dehalogenase-like hydrolase domain containing 3	6.5466	0.00011
NM_019002	ETAA1	Ewing's tumor-associated antigen 1	-6.00953	0.0002
THC2250585	THC2250585	Unknown	-10.02693	3.49902E-06
NM_002999	SDC4	Syndecan 4 (amphiglycan, ryudocan)	5.27453	0.00051
CR620831	C12orf47	Chromosome 12 open reading frame 47	-7.40664	0.00004
NM_005500	SAE1	SUMO1 activating enzyme subunit 1	-7.04103	0.00006
NM_014045	LRP10	Low density lipoprotein receptor-related protein 10	5.77774	0.00027
NM_173622	CDRT4	CMT1A duplicated region transcript 4	-6.39054	0.00013
NM_000594	TNF	Tumor necrosis factor (TNF superfamily, member 2)	5.25446	0.00052
NM_001822	CHN1	Chimerin (chimaerin) 1	6.92225	0.00007
A_24_P872359	A_24_P872359	Unknown	6.07579	0.00018
NM_016219	MAN1B1	Mannosidase, alpha, class 1B, member 1	6.64725	0.00009
NM_173607	C14orf24	Chromosome 14 open reading frame 24	7.36156	0.00004
THC2349560	THC2349560	Unknown	6.3882	0.00013
AK126092	LOC221442	hypothetical LOC221442	-6.7597	0.00008
NM_006804	STARD3	START domain containing 3	6.72679	0.00009
NM_000848	GSTM2	Glutathione S-transferase M2 (muscle)	5.42214	0.00042
NM_005399	PRKAB2	Protein kinase, AMP-activated, beta 2 non-catalytic subunit	-5.63095	0.00032
NM_012296	GAB2	GRB2-associated binding protein 2	-6.86247	0.00007
NM_024707	GEMIN7	Gem (nuclear organelle) associated protein 7	-5.73351	0.00028
NM_004162	RAB5A	RAB5A, member RAS oncogene family	5.07256	0.00067
NM_199072	MDFIC	MyoD family inhibitor domain containing	5.16111	0.00059
NM_016454	TMEM85	Transmembrane protein 85	6.36911	0.00013
NM_024295	DERL1	Der1-like domain family, member 1	6.49264	0.00011
NM_017679	BCAS3	Breast carcinoma amplified sequence 3	7.15775	0.00005
NM_152574	C9orf52	Chromosome 9 open reading frame 52	-5.48097	0.00039
NM_147190	LASS5	LAG1 homolog, ceramide synthase 5 (S. cerevisiae)	7.77914	0.00003
A_32_P65793	A_32_P65793	Unknown	7.34402	0.00004
NM_006923	SDF2	Stromal cell-derived factor 2	5.09884	0.00065
NM_001012423	GOLGA8E	Golgi autoantigen, golgin subfamily a, 8E	7.02657	0.00006
A_24_P824578	A_24_P824578	Unknown	5.25718	0.00052
NM_015550	OSBPL3	Oxysterol binding protein-like 3	-7.36736	0.00004
NM_024653	PRKRIP1	Postmeiotic segregation increased 2-like 3	5.39368	0.00044
NM_133636	HEL308	DNA helicase HEL308	-6.10973	0.00018
A_32_P11425	A_32_P11425	Unknown	7.51075	0.00004
THC2279840	THC2279840	Unknown	-5.90895	0.00023
CR623166	TTC14	Tetratricopeptide repeat domain 14	-6.56973	0.0001
NM_014868	RNF10	Ring finger protein 10	-6.69199	0.00009
NM_207443	FLJ45244	FLJ45244 protein	-6.99635	0.00006
NM_012218	ILF3	Interleukin enhancer binding factor 3, 90kDa	-9.40237	5.96169E-06
NM_199345	LOC375133	similar to phosphatidylinositol 4-kinase alpha	6.26274	0.00015
NM_017727	FLJ20254	hypothetical protein FLJ20254	6.90032	0.00007
A_32_P1291	A_32_P1291	Unknown	7.28232	0.00005
BC020095	MGC17403	hypothetical protein MGC17403	-6.5012	0.00011
NM_002729	HHEX	Homeobox, hematopoietically expressed	-7.00539	0.00006
A_32_P112100	A_32_P112100	Unknown	5.97742	0.00021
XM_941086	LOC651831	similar to CG31232-PA, isoform A	5.07231	0.00067
AK024092	CHD2	Chromodomain helicase DNA binding protein 2	-5.56197	0.00035
AJ227863	MBNL1	Muscleblind-like (Drosophila)	-6.04839	0.00019
NM_015678	NBEA	Neurobeachin	-5.67699	0.0003
NM_003611	OFD1	Oral-facial-digital syndrome 1	-6.13772	0.00017
NM_021144	PSIP1	PC4 and SFRS1 interacting protein 1	-5.05928	0.00068
THC2441367	THC2441367	Unknown	-6.27525	0.00015
AJ001898	GDNF	Glial cell derived neurotrophic factor	6.43449	0.00012
NM_014781	RB1CC1	RB1-inducible coiled-coil 1	-6.24829	0.00015
BC022830	LOC642852	hypothetical LOC642852	6.3943	0.00013

BX337332	BX337332	Transcribed locus, moderately similar to XP_001136080.1 hypothetical protein [Pan troglodytes]	-6.2502	0.00015
NM_001006634	ARHGAP17	Rho GTPase activating protein 17	-8.33571	0.00002
NM_006761	YWHAE	Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, epsilon polypeptide	4.97347	0.00077
NM_002498	NEK3	NIMA (never in mitosis gene a)-related kinase 3	-5.97924	0.00021
CR605444	FBXL4	F-box and leucine-rich repeat protein 4	-5.49736	0.00038
NM_017991	FLJ10081	hypothetical protein FLJ10081	-8.26415	0.00002
NM_000428	LTBP2	Latent transforming growth factor beta binding protein 2	7.35375	0.00004
NM_133439	TADA2L	Transcriptional adaptor 2 (ADA2 homolog, yeast)-like	5.53759	0.00036
NM_005718	ARPC4	Actin related protein 2/3 complex, subunit 4, 20kDa	5.39072	0.00044
A_24_P238819	A_24_P238819	Unknown	7.58575	0.00003
NM_024069	C19orf50	Chromosome 19 open reading frame 50	-8.00106	0.00002
NM_005665	EV15	Ecotropic viral integration site 5	-6.01249	0.0002
NM_002211	ITGB1	Integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12)	-6.426	0.00012
NM_022362	MMS19L	MMS19-like (MET18 homolog, <i>S. cerevisiae</i> )	-7.9471	0.00002
AK022140	FLJ12078	hypothetical protein FLJ12078	-5.85668	0.00024
NM_017730	QRICH1	Glutamine-rich 1	-7.12784	0.00005
NM_001989	EVX1	Eve, even-skipped homeobox homolog 1 ( <i>Drosophila</i> )	7.23511	0.00005
NM_018405	C17orf79	Chromosome 17 open reading frame 79	5.68363	0.0003
A_32_P167212	A_32_P167212	Unknown	-5.12463	0.00062
NM_006711	RNPS1	RNA binding protein S1, serine-rich domain	6.2515	0.00015
DB341590	LOC728499	similar to Nuclear envelope pore membrane protein POM 121 (Pore membrane protein of 121 kDa) (P145)	-5.18063	0.00058
BE535679	BE535679	Transcribed locus	-6.17163	0.00016
A_32_P327750	A_32_P327750	Unknown	5.15782	0.0006
NM_018035	FLJ10241	hypothetical protein FLJ10241	5.1834	0.00058
NM_021727	FADS3	Fatty acid desaturase 3	5.3224	0.00048
NM_181607	KRTAP19-1	Keratin associated protein 19-1	5.70077	0.00029
NM_003199	TCF4	Transcription factor 4	-5.32466	0.00048
AK024898	AK024898	CDNA: FLJ21245 fis, clone COL01184	-7.51329	0.00004
NM_001018055	BRCC3	BRCA1/BRCA2-containing complex, subunit 3	-5.30636	0.00049
NM_016238	ANAPC7	Anaphase promoting complex subunit 7	5.43935	0.00041
NM_013259	TAGLN3	Transgelin 3	6.8389	0.00008
NM_001010983	GLT8D1	Glycosyltransferase 8 domain containing 1	-5.69977	0.00029
NM_006390	IPO8	Importin 8	6.90698	0.00007
NM_005520	HNRPH1	Heterogeneous nuclear ribonucleoprotein H1 (H)	-8.24555	0.00002
NM_145233	ZNF625	Zinc finger protein 20	6.01856	0.0002
NM_020805	KLHL14	Kelch-like 14 ( <i>Drosophila</i> )	-8.24609	0.00002
AV698092	C6orf62	Transcribed locus	5.96382	0.00021
NM_002945	RPA1	Replication protein A1, 70kDa	-7.5748	0.00003
NM_182691	SRPK2	SFRS protein kinase 2	5.04526	0.00069
NM_138706	B3GNT6	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 6 (core 3 synthase)	7.94837	0.00002
NM_007172	NUP50	Nucleoporin 50kDa	5.09318	0.00065
AJ404330	TBC1D12	TBC1 domain family, member 12	-8.08182	0.00002
THC2312756	THC2312756	O60448 (O60448) Neuronal thread protein AD7c-NTP, partial (9%) [THC2312756]	-6.28489	0.00014
NM_004897	MINPP1	Multiple inositol polyphosphate histidine phosphatase, 1	4.91264	0.00083
NM_013335	GMPPA	GDP-mannose pyrophosphorylase A	5.16344	0.00059
THC2377877	THC2377877	Q87WI3 (Q87WI3) Dipeptide ABC transporter, permease protein, partial (5%) [THC2377877]	-5.53889	0.00036
A_24_P256050	A_24_P256050	Unknown	5.35666	0.00046
A_32_P12282	A_32_P12282	Unknown	8.58347	0.00001
NM_005056	JARID1A	Jumonji, AT rich interactive domain 1A	-4.92183	0.00082
NM_020230	PPAN	Peter pan homolog ( <i>Drosophila</i> )	5.57565	0.00034
NM_032558	HIATL1	Hippocampus abundant transcript-like 1	7.72907	0.00003
NM_030672	ARHGAP28	Rho GTPase activating protein 28	7.72512	0.00003
NM_001005386	ACTR2	ARP2 actin-related protein 2 homolog (yeast)	6.62652	0.0001
NM_001012968	LOC139886	hypothetical protein LOC139886	-5.45114	0.00041
NM_183001	SHC1	SHC (Src homology 2 domain containing) transforming protein 1	8.174	0.00002
CR620532	RASA2	RAS p21 protein activator 2	-6.29865	0.00014
NM_177543	PPAP2C	Phosphatidic acid phosphatase type 2C	8.2774	0.00002
NM_018381	FLJ11286	hypothetical protein FLJ11286	-9.16765	7.33973E-06
XM_497140	A_24_P135921	Unknown	4.9042	0.00084

NM_000819	GART	Phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synthetase, phosphoribosylaminoimidazole synthetase	5.26257	0.00052
NM_002009	FGF7	Fibroblast growth factor 7 (keratinocyte growth factor)	4.87946	0.00087
NM_003316	TTC3	Tetratricopeptide repeat domain 3	-5.03045	0.00071
NM_013326	C18orf8	Chromosome 18 open reading frame 8	-6.43782	0.00012
AF419616	NBPF10	Neuroblastoma breakpoint family, member 10	-6.22377	0.00015
NM_004329	BMPR1A	Bone morphogenetic protein receptor, type IA	6.20251	0.00016
A_24_P915883	A_24_P915883	Unknown	5.59313	0.00034
NM_018486	HDAC8	Histone deacetylase 8	5.80887	0.00026
THC2364821	THC2364821	Unknown	6.33357	0.00014
NM_002540	ODF2	Outer dense fiber of sperm tails 2	-8.03397	0.00002
NM_199437	PRDM10	PR domain containing 10	-5.28301	0.00051
NM_032179	CPSF3L	Homo sapiens cleavage and polyadenylation specific factor 3-like (CPSF3L), transcript variant 2, mRNA [NM_032179]	5.25928	0.00052
NM_016598	ZDHHC3	Zinc finger, DHHC-type containing 3	-7.1702	0.00005
BU852331	BU852331	Transcribed locus	8.69121	0.00001
NM_004882	CIR	CBF1 interacting corepressor	-5.75692	0.00027
NM_000425	L1CAM	L1 cell adhesion molecule	6.26131	0.00015
NM_022757	CCDC14	Coiled-coil domain containing 14	-5.98571	0.00021
A_24_P204454	A_24_P204454	Unknown	-5.98313	0.00021
NM_015020	PHLPPL	PH domain and leucine rich repeat protein phosphatase-like	-6.317	0.00014
A_24_P170309	A_24_P170309	Unknown	5.14466	0.00061
A_24_P392099	A_24_P392099	Unknown	5.32541	0.00048
AK027248	LOC56757	hypothetical protein LOC56757	-8.86084	9.69717E-06
NM_170607	MLX	MAX-like protein X	6.44866	0.00012
BC037281	LOC439951	hypothetical LOC439951 protein	8.02017	0.00002
NM_003800	RNGTT	RNA guanylyltransferase and 5'-phosphatase	-7.68253	0.00003
NM_198829	RAC1	Ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)	6.91893	0.00007
THC2282321	THC2282321	AF235005 suppression of tumorigenicity 16 protein {Homo sapiens;}, partial (13%) [THC2282321]	-4.99222	0.00075
NM_014828	KIAA0737	KIAA0737	-7.25431	0.00005
X82545	PRNP	Prion protein (p27-30) (Creutzfeldt-Jakob disease, Gerstmann-Strausler-Scheinker syndrome, fatal familial insomnia)	9.03795	8.24904E-06
NM_017634	KCTD9	Potassium channel tetramerisation domain containing 9	-7.29441	0.00005
NM_012268	PLD3	Phospholipase D family, member 3	7.3033	0.00005
NM_017633	FAM46A	Family with sequence similarity 46, member A	-5.89253	0.00023
NM_016353	ZDHHC2	Zinc finger, DHHC-type containing 2	6.58499	0.0001
NM_005845	ABCC4	ATP-binding cassette, sub-family C (CFTR/MRP), member 4	5.25204	0.00053
THC2279840	THC2279840	Unknown	-6.05565	0.00019
ENST00000361859	ENST00000361859	Unknown	5.9073	0.00023
BX538248	BX538248	CDNA clone IMAGE:30408657	-5.68515	0.0003
AK095904	MIA3	Melanoma inhibitory activity family, member 3	-7.19205	0.00005
NM_003040	SLC4A2	Solute carrier family 4, anion exchanger, member 2 (erythrocyte membrane protein band 3-like 1)	5.0469	0.00069
NM_138819	FAM122C	Family with sequence similarity 122C	-6.11779	0.00018
NM_015442	CNOT10	CCR4-NOT transcription complex, subunit 10	-6.29023	0.00014
NM_152270	SLFN11	Schlafen family member 11	-6.48172	0.00011
AF085995	LOC645513	similar to septin 7	-6.71126	0.00009
NM_144566	ZNF700	Zinc finger protein 700	-7.22033	0.00005
NM_002570	PCSK6	Proprotein convertase subtilisin/kexin type 6	7.32909	0.00004
NM_014827	ZC3H11A	Zinc finger CCCH-type containing 11A	-7.8499	0.00003
NM_000234	LIG1	Ligase I, DNA, ATP-dependent	-5.36772	0.00045
NM_052928	SMYD4	SET and MYND domain containing 4	-5.63457	0.00032
THC2386194	THC2386194	Unknown	-5.35511	0.00046
NM_005358	LMO7	LIM domain 7	-7.08854	0.00006
NM_022833	FAM129B	Family with sequence similarity 129, member B	7.60785	0.00003
NM_181831	NF2	Neurofibromin 2 (bilateral acoustic neuroma)	5.7013	0.00029
NM_016551	TM7SF3	Transmembrane 7 superfamily member 3	-5.82276	0.00025
NM_057169	GIT2	G protein-coupled receptor kinase interactor 2	-6.32361	0.00014
AK000923	SENTP3	Homo sapiens cDNA FLJ10061 fis, clone HEMBA1001413.	-5.87671	0.00024
NM_033551	LARP1	La ribonucleoprotein domain family, member 1	-7.90965	0.00002
NM_015051	TXNDC4	Thioredoxin domain containing 4 (endoplasmic reticulum)	-6.64755	0.00009
THC2339776	THC2339776	Unknown	-8.41951	0.00001
AK024900	AK024900	CDNA: FLJ21247 fis, clone COL01205	-7.56648	0.00003



A_24_P799580	A_24_P799580	Unknown	6.60497	0.0001
ENST00000360523	ENST00000360523	GB AB065479.1 BAC05733.1 seven transmembrane helix receptor [Homo sapiens] [NP511107]	6.64141	0.00009
A_24_P32836	A_24_P32836	Unknown	-6.19519	0.00016
AB020633	FRYL	FRY-like	-6.38433	0.00013
NM_002118	HLA-DMB	Major histocompatibility complex, class II, DM beta	-5.54567	0.00036
THC2408277	THC2408277	Unknown	-5.38709	0.00044
NM_017994	C7orf42	Chromosome 7 open reading frame 42	-6.74705	0.00008
NM_001659	ARF3	ADP-ribosylation factor 3	5.1421	0.00061
NM_001752	CAT	Catalase	-5.64093	0.00032
NM_020657	ZNF304	Zinc finger protein 304	-6.87846	0.00007
BC056896	HSPC157	HSPC157 protein	-5.44409	0.00041
NM_014859	KIAA0672	KIAA0672 gene product	-7.21036	0.00005
NM_178520	TMEM105	Transmembrane protein 105	6.20265	0.00016
NM_001011538	LOC402176	similar to 60S ribosomal protein L21	-7.23041	0.00005
NM_133446	CTGLF1	Centaurin, gamma-like family, member 1	-7.90796	0.00002
NM_194314	ZBTB41	Zinc finger and BTB domain containing 41	-7.18381	0.00005
NM_015609	C1orf144	Chromosome 1 open reading frame 144	5.0769	0.00067
BC043279	BC043279	CDNA clone IMAGE:5297259	-6.22554	0.00015
NM_053042	KIAA1729	KIAA1729 protein	-7.36048	0.00004
AK096054	SLC6A19	Solute carrier family 6 (neutral amino acid transporter), member 19	6.73775	0.00008
NM_014990	GARNL1	GTPase activating Rap/RanGAP domain-like 1	-8.21092	0.00002
NM_014362	HIBCH	3-hydroxyisobutyryl-Coenzyme A hydrolase	-5.28173	0.00051
NM_006804	STARD3	START domain containing 3	6.12902	0.00017
NM_001042	SLC2A4	Solute carrier family 2 (facilitated glucose transporter), member 4	8.12027	0.00002
NM_001040440	CCDC112	Coiled-coil domain containing 112	-4.8855	0.00086
NM_020918	GPAM	Glycerol-3-phosphate acyltransferase, mitochondrial	-6.05652	0.00019
NM_020381	PDSS2	Prenyl (decaprenyl) diphosphate synthase, subunit 2	-5.38002	0.00044
NM_001029857	LOC158381	hypothetical protein LOC158381	6.13599	0.00017
BX641669	ACOX1	Acyl-Coenzyme A oxidase 1, palmitoyl	-6.4566	0.00012
NM_033161	SURF4	Surfeit 4	6.55595	0.0001
NM_144673	CMTM2	CKLF-like MARVEL transmembrane domain containing 2	5.76847	0.00027
NM_015659	RSL1D1	Ribosomal L1 domain containing 1	5.34644	0.00046
AK021842	FLJ25476	FLJ25476 protein	6.14491	0.00017
NM_183233	SLC22A18	Solute carrier family 22 (organic cation transporter), member 18	5.61224	0.00033
NM_024649	BBS1	Bardet-Biedl syndrome 1	-6.4087	0.00012
ENST00000373264	ENST00000373264	Unknown	5.31863	0.00048
NM_025228	TRAF3IP3	TRAF3 interacting protein 3	-5.6509	0.00031
NM_005718	ARPC4	Actin related protein 2/3 complex, subunit 4, 20kDa	5.28128	0.00051
NM_007234	DCTN3	Dynactin 3 (p22)	5.24163	0.00053
NM_014949	KIAA0907	KIAA0907	7.69915	0.00003
NM_001024847	TGFBR2	Transforming growth factor, beta receptor II (70/80kDa)	-7.62359	0.00003
A_24_P399341	A_24_P399341	Unknown	-6.21519	0.00016
AK098491	OR5T2	RPA interacting protein	-5.42913	0.00042
BC039296	C20orf19	Chromosome 20 open reading frame 19	-5.18365	0.00058
NM_005026	PIK3CD	Phosphoinositide-3-kinase, catalytic, delta polypeptide	6.21873	0.00016
NM_005119	THRAP3	Thyroid hormone receptor associated protein 3	8.12691	0.00002
AB051518	KIAA1731	KIAA1731	-5.99995	0.0002
BC012484	TNRC15	Homo sapiens trinucleotide repeat containing 15, mRNA (cDNA clone IMAGE:4472100), partial cds.	-6.86227	0.00007
NM_001119	ADD1	Adducin 1 (alpha)	6.32625	0.00014
NM_173511	ALS2CR13	Amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 13	-4.78976	0.00099
NM_014813	LRIG2	Leucine-rich repeats and immunoglobulin-like domains 2	-6.24565	0.00015
NM_015143	METAP1	Methionyl aminopeptidase 1	6.82305	0.00008
NM_206962	PRMT2	Protein arginine methyltransferase 2	5.94335	0.00022
AK001118	UBR2	Ubiquitin protein ligase E3 component n-recognin 2	-4.83769	0.00092
THC2314600	THC2314600	Unknown	-7.0493	0.00006
NM_002950	RPN1	Ribophorin I	-7.71446	0.00003
NM_014969	WDR47	WD repeat domain 47	-4.99127	0.00075
AK130862	FLJ27352	hypothetical LOC145788	-6.98877	0.00006
NM_003104	SORD	Sorbitol dehydrogenase	-5.18411	0.00058

NM_033017	TRIM4	Tripartite motif-containing 4	5.35891	0.00046
AK025221	RAD50	RAD50 homolog (S. cerevisiae)	-7.71671	0.00003
NM_144664	FAM76B	Family with sequence similarity 76, member B	-5.5059	0.00038
NM_012219	MRAS	Muscle RAS oncogene homolog	6.83581	0.00008
THC2437476	THC2437476	Unknown	-7.20877	0.00005
BX116997	BX116997	Transcribed locus	-6.06866	0.00019
NM_016272	TOB2	Transducer of ERBB2, 2	-5.96088	0.00021
NM_023111	FGFR1	Fibroblast growth factor receptor 1 (fms-related tyrosine kinase 2, Pfeiffer syndrome)	5.0047	0.00073
NM_152756	RICTOR	rapamycin-insensitive companion of mTOR	-5.79934	0.00026
CR590163	KIAA2018	KIAA2018	-5.82281	0.00025
NM_006141	DYNC1LI2	Dynein, cytoplasmic 1, light intermediate chain 2	-5.10652	0.00064
NM_005088	CXYorf3	Chromosome X and Y open reading frame 3	-5.75059	0.00028
NM_003309	TSPYL1	TSPY-like 1	-6.02861	0.0002
NM_004891	MRPL33	Mitochondrial ribosomal protein L33	-7.30793	0.00005
NM_033406	FBXO3	F-box protein 3	6.64954	0.00009
NM_001037533	GON4L	YY1 associated protein 1	-7.07118	0.00006
NM_004323	BAG1	BCL2-associated athanogene	-4.94334	0.0008
NM_198567	C5orf25	Chromosome 5 open reading frame 25	-6.25358	0.00015
NM_006709	EHMT2	Euchromatic histone-lysine N-methyltransferase 2	5.73631	0.00028
NM_004375	COX11	COX11 homolog, cytochrome c oxidase assembly protein (yeast)	-4.9474	0.00079
AK074291	HIPK2	Homeodomain interacting protein kinase 2	-7.86645	0.00003
NM_001032289	SLC35A2	Solute carrier family 35 (UDP-galactose transporter), member A2	-8.23296	0.00002
NM_002778	PSAP	Prosaposin (variant Gaucher disease and variant metachromatic leukodystrophy)	4.87526	0.00088
NM_012330	MYST4	MYST histone acetyltransferase (monocytic leukemia) 4	-6.78062	0.00008
AW518445	RPS23	Ribosomal protein S23	-6.93887	0.00007
NM_021260	ZFYVE1	Zinc finger, FYVE domain containing 1	-5.06342	0.00068
NM_005052	RAC3	Ras-related C3 botulinum toxin substrate 3 (rho family, small GTP binding protein Rac3)	7.20917	0.00005
A_24_P24790	A_24_P24790	Unknown	-5.64628	0.00032
A_32_P122285	A_32_P122285	Unknown	-5.35697	0.00046
NM_006885	ATBF1	AT-binding transcription factor 1	7.13739	0.00005
NM_020382	SETD8	SET domain containing (lysine methyltransferase) 8	5.29077	0.0005
NM_000202	IDS	Iduronate 2-sulfatase (Hunter syndrome)	-5.14859	0.0006
A_24_P93184	A_24_P93184	Unknown	5.20135	0.00056
NM_002557	OVGP1	Oviductal glycoprotein 1, 120kDa (mucin 9, oviductin)	-6.11482	0.00018
U68019	SMAD3	SMAD family member 3	-5.73809	0.00028
NM_001120	TETRA	tetracycline transporter-like protein	5.16055	0.00059
A_24_P298616	A_24_P298616	Unknown	-5.85459	0.00024
NM_199341	LOC374920	hypothetical protein LOC374920	-6.70474	0.00009
AK025695	TMED8	Glutathione transferase zeta 1 (maleylacetoacetate isomerase)	-6.84167	0.00008
NM_002721	PPP6C	Protein phosphatase 6, catalytic subunit	-6.83703	0.00008
NM_001229	CASP9	Caspase 9, apoptosis-related cysteine peptidase	-7.15685	0.00005
NM_017541	CRYGS	Crystallin, gamma S	-6.28412	0.00014
NM_001013406	KRIT1	KRIT1, ankyrin repeat containing	8.09633	0.00002
NM_005867	DSCR4	Down syndrome critical region gene 4	4.79505	0.00098
NM_004187	JARID1C	Jumonji, AT rich interactive domain 1C	-4.8437	0.00092
A_32_P32905	A_32_P32905	Unknown	-5.02028	0.00072
XM_934270	LOC647065	hypothetical LOC647065	-5.78325	0.00026
AK097149	SPPL3	signal peptide peptidase 3	-5.07639	0.00067
NM_002004	FDPS	Farnesyl diphosphate synthase (farnesyl pyrophosphate synthetase, dimethylallyltranstransferase, geranyltranstransferase)	-7.93324	0.00002
A_24_P109962	A_24_P109962	Unknown	6.63781	0.0001
AK092875	AK092875	CDNA FLJ35556 fis, clone SPLEN2004844	6.52427	0.00011
NM_014847	UBAP2L	Ubiquitin associated protein 2-like	7.49946	0.00004
AA902595	IQGAP1	IQ motif containing GTPase activating protein 1	-7.31533	0.00004
AK125206	LOC149448	hypothetical protein LOC149448	-7.45844	0.00004
A_24_P812265	A_24_P812265	Unknown	5.37664	0.00045
A_32_P171984	A_32_P171984	Unknown	5.94952	0.00022
XM_373367	A_24_P401150	Unknown	4.88814	0.00086
NM_030809	C12orf22	Chromosome 12 open reading frame 22	-6.26667	0.00015
NM_001014436	DBNL	Drebrin-like	5.82723	0.00025

NM_014774	KIAA0494	ATP synthase mitochondrial F1 complex assembly factor 1	6.08021	0.00018
NM_005482	PIGK	Phosphatidylinositol glycan anchor biosynthesis, class K	-6.21898	0.00016
NM_174898	LOC129530	hypothetical protein LOC129530	-6.1107	0.00018
NM_201434	RAB5C	RAB5C, member RAS oncogene family	5.60187	0.00033
AK095151	EDD1	E3 ubiquitin protein ligase, HECT domain containing, 1	-5.90406	0.00023
NM_152409	C5orf24	Chromosome 5 open reading frame 24	5.18137	0.00058
A_24_P626812	A_24_P626812	Unknown	5.48701	0.00039
NM_001521	GTF3C2	General transcription factor IIIC, polypeptide 2, beta 110kDa	-5.31194	0.00049
NM_018116	MSTO1	Death associated protein 3	5.70862	0.00029
NM_031483	ITCH	Itchy homolog E3 ubiquitin protein ligase (mouse)	-5.65809	0.00031
NM_000982	RPL21	Ribosomal protein L21	-6.76771	0.00008
NM_005692	ABCF2	ATP-binding cassette, sub-family F (GCN20), member 2	4.85315	0.0009
NM_007249	KLF12	Kruppel-like factor 12	-5.04433	0.0007
AK125099	AK125099	CDNA FLJ43109 fis, clone CTONG2025516, moderately similar to Homo sapiens general transcription factor II, i (GTF2I)	6.01691	0.0002
NM_203447	DOCK8	Dedicator of cytokinesis 8	-7.32816	0.00004
BC020955	TBC1D23	TBC1 domain family, member 23	-6.35938	0.00013
BC045820	C21orf51	Chromosome 21 open reading frame 51	-5.01304	0.00073
AY831680	HC1	HC1 (HC1)	-6.02551	0.0002
NM_022894	PAPOLG	Poly(A) polymerase gamma	-7.18187	0.00005
NM_018371	ChGn	chondroitin beta1,4 N-acetylgalactosaminyltransferase	5.05306	0.00069
A_32_P211048	A_32_P211048	Unknown	-5.23129	0.00054
NM_020235	BBX	Bobby sox homolog (Drosophila)	5.65165	0.00031
AL117511	C14orf125	Homo sapiens mRNA; cDNA DKFZp43411735 (from clone DKFZp43411735); partial cds.	-5.13994	0.00061
AK024925	FLJ21272	hypothetical protein FLJ21272	-5.11626	0.00063
NM_021100	NFS1	NFS1 nitrogen fixation 1 homolog (S. cerevisiae)	-6.4712	0.00012
NM_006133	C11orf11	Chromosome 11 open reading frame 11	6.22281	0.00015
AL832861	MTERF	Mitochondrial transcription termination factor	-6.82522	0.00008
NM_199320	PHF17	PHD finger protein 17	-5.41371	0.00043
NM_000982	RPL21	Ribosomal protein L21	-5.8857	0.00023
NM_145233	ZNF625	Zinc finger protein 20	5.42341	0.00042
NM_032782	HAVCR2	Hepatitis A virus cellular receptor 2	-5.54466	0.00036
XM_497894	A_24_P24912	Unknown	5.83076	0.00025
NM_015530	GORASP2	Golgi reassembly stacking protein 2, 55kDa	5.85766	0.00024
NM_172241	CTAGE1	Cutaneous T-cell lymphoma-associated antigen 1	7.17695	0.00005
AK001173	AQR	Aquarius homolog (mouse)	-7.77232	0.00003
NM_001299	CNN1	Calponin 1, basic, smooth muscle	5.51348	0.00037
AB058774	ZNF594	Zinc finger protein 594	-5.7672	0.00027
NM_001607	ACAA1	Acetyl-Coenzyme A acyltransferase 1 (peroxisomal 3-oxoacyl-Coenzyme A thiolase)	5.0508	0.00069
NM_001005526	SF3B1	Splicing factor 3b, subunit 1, 155kDa	5.20139	0.00056
NM_006241	PPP1R2	Protein phosphatase 1, regulatory (inhibitor) subunit 2	-5.25608	0.00052
W18193	THC2304444	IMAGE:20064 Soares infant brain 1NIB Homo sapiens cDNA clone IMAGE:20064, mRNA sequence.	-5.51323	0.00037
AK125922	CSNK2A2	Casein kinase 2, alpha prime polypeptide	-7.4646	0.00004
BU567832	BU567832	Transcribed locus	-4.93845	0.0008
NM_000791	DHFR	Dihydrofolate reductase	4.95027	0.00079
BC104478	RPL21	Ribosomal protein L21	-6.41461	0.00012
NM_001040431	CCDC56	Coiled-coil domain containing 56	5.15456	0.0006
AJ420510	PHF10	PHD finger protein 10	-6.30643	0.00014
BC011660	BC011660	Homo sapiens cDNA clone IMAGE:4120690, **** WARNING: chimeric clone ****.	5.70061	0.00029
NM_025164	KIAA0999	KIAA0999 protein	-6.08738	0.00018
NM_006195	PBX3	Pre-B-cell leukemia transcription factor 3	-6.5323	0.00011
NM_014149	HSPC049	HSPC049 protein	-5.65533	0.00031
NM_018029	FLJ10213	hypothetical protein FLJ10213	-5.53682	0.00036
XM_373538	ENST00000344556	Unknown	7.28826	0.00005
THC2316878	THC2316878	Unknown	-5.50095	0.00038
NM_003634	NIPSNAP1	Nipsnap homolog 1 (C. elegans)	5.96498	0.00021
NM_153631	HOXA3	Homeobox A5	7.53786	0.00004
THC2404993	THC2404993	Unknown	-4.88629	0.00086
NM_001008709	PPP1CA	Protein phosphatase 1, catalytic subunit, alpha isoform	4.95731	0.00078
NM_000889	ITGB7	Integrin, beta 7	-5.0143	0.00072

NM_014033	METTL7A	LETM1 domain containing 1	-5.10185	0.00064
NM_023926	ZNF447	Zinc finger protein 447	7.08335	0.00006
NM_007139	ZNF92	Zinc finger protein 92	-5.33052	0.00047
NM_032645	RAPSN	Receptor-associated protein of the synapse, 43kD	7.31724	0.00004
AI299143	LOC51255	hypothetical protein LOC51255	-6.62138	0.0001
NM_014624	S100A6	S100 calcium binding protein A6	5.69194	0.0003
NM_032837	FAM104A	Family with sequence similarity 104, member A	7.10417	0.00006
NM_005292	GPR18	G protein-coupled receptor 18	-5.39734	0.00043
AK001179	ANKIB1	Ankyrin repeat and IBR domain containing 1	6.78686	0.00008
AK097258	DOK3	Docking protein 3	-6.21585	0.00016
NM_175852	TXLNA	Taxilin alpha	5.07701	0.00067
NM_006231	POLE	Polymerase (DNA directed), epsilon	5.3557	0.00046
NM_015216	HISPPD1	Histidine acid phosphatase domain containing 1	-5.75216	0.00028
NM_020400	GPR92	G protein-coupled receptor 92	-6.72524	0.00009
NM_020781	ZNF398	Zinc finger protein 398	-6.47114	0.00012
A_24_P632160	A_24_P632160	Unknown	5.12173	0.00063
NM_014224	PGA5	Pepsinogen 5, group I (pepsinogen A)	5.1415	0.00061
NM_014824	FCHSD2	FCH and double SH3 domains 2	7.01313	0.00006
NM_015723	PNPLA8	Patatin-like phospholipase domain containing 8	7.24769	0.00005
AK001179	ANKIB1	Ankyrin repeat and IBR domain containing 1	-5.9491	0.00022
AA420998	LOC286076	hypothetical protein LOC286076	5.31666	0.00048
NM_033184	KRTAP2-4	Keratin associated protein 2-4	6.81809	0.00008
NM_033481	FBXO9	F-box protein 9	-5.53612	0.00036
NM_020964	KIAA1632	KIAA1632	-5.70799	0.00029
NM_000405	GM2A	GM2 ganglioside activator	4.81139	0.00096
NM_024713	C15orf29	Chromosome 15 open reading frame 29	6.26529	0.00015
NM_006620	HBS1L	HBS1-like (S. cerevisiae)	-5.65177	0.00031
NM_153353	LRRC34	Leucine rich repeat containing 34	-5.18522	0.00058
NM_032271	TRAF7	TNF receptor-associated factor 7	5.42648	0.00042
NM_002498	NEK3	NIMA (never in mitosis gene a)-related kinase 3	-6.56948	0.0001
BQ188033	EPB41L4A	Erythrocyte membrane protein band 4.1 like 4A	-7.30113	0.00005
AK025056	ZYG11B	Zyg-11 homolog B (C. elegans)	-6.13158	0.00017
AK126501	CDC2L2	Cell division cycle 2-like 2 (PITSLRE proteins)	-7.34404	0.00004
NM_001945	HBEGF	Heparin-binding EGF-like growth factor	5.29197	0.0005
AK093505	CXorf18	SPANX family, member A2	7.21242	0.00005
NM_022838	ARMCX5	G protein-coupled receptor associated sorting protein 2	-6.83633	0.00008
NM_002883	RANGAP1	Ran GTPase activating protein 1	5.21738	0.00055
NM_018448	CAND1	Cullin-associated and neddylation-dissociated 1	6.43506	0.00012
NM_172193	KLHDC1	Kelch domain containing 1	-4.97574	0.00076
NM_002874	RAD23B	RAD23 homolog B (S. cerevisiae)	5.10293	0.00064
NM_000402	G6PD	Glucose-6-phosphate dehydrogenase	4.90285	0.00084
NM_004665	VNN2	Vanin 2	-5.49775	0.00038
AF111848	PRO0529	Homo sapiens PRO0529 mRNA, complete cds.	7.2649	0.00005
A_32_P83174	A_32_P83174	Unknown	-6.08174	0.00018
BE044472	C22orf27	Chromosome 22 open reading frame 27	-6.12607	0.00017
NM_001012754	LOC387921	similar to RIKEN cDNA 8030451K01	-6.13156	0.00017
NM_020382	SETD8	SET domain containing (lysine methyltransferase) 8	6.25922	0.00015
NM_006313	USP15	Ubiquitin specific peptidase 15	-5.27031	0.00051
NM_004727	SLC24A1	Solute carrier family 24 (sodium/potassium/calcium exchanger), member 1	-5.58374	0.00034
XM_371160	ENST00000310822	PREDICTED: Homo sapiens similar to ribosomal protein L21 isoform 1 (LOC388532), mRNA [XM_371160]	-6.21526	0.00016
NM_004879	EI24	Etoposide induced 2.4 mRNA	4.81487	0.00095
NM_018660	ZNF395	Zinc finger protein 395	-6.76571	0.00008
NM_005880	DNAJA2	DnaJ (Hsp40) homolog, subfamily A, member 2	5.86414	0.00024
NM_014017	MAPBPIP	mitogen-activated protein-binding protein-interacting protein	6.46094	0.00012
NM_013339	ALG6	Asparagine-linked glycosylation 6 homolog (S. cerevisiae, alpha-1,3-glucosyltransferase)	-5.2637	0.00052
THC2375818	THC2375818	Q15464 (Q15464) Shb, partial (4%) [THC2375818]	5.43053	0.00042
NM_015227	POFUT2	Protein O-fucosyltransferase 2	-5.82663	0.00025
NM_018367	PHCA	Phytoceramidease, alkaline	5.4057	0.00043
AK124515	AK124515	CDNA FLJ30141 fis, clone BRACE2000148	-5.80037	0.00026

AK025335	AP1GBP1	AP1 gamma subunit binding protein 1	-6.17463	0.00016
NM_145867	LTC4S	Leukotriene C4 synthase	5.71862	0.00029
A_24_P50707	A_24_P50707	Unknown	-7.21616	0.00005
NM_014990	GARNL1	GTPase activating Rap/RanGAP domain-like 1	-6.79782	0.00008
NM_005803	FLOT1	Flotillin 1	4.88546	0.00086
NM_032230	C12orf26	Chromosome 12 open reading frame 26	-5.72089	0.00029
NM_000632	ITGAM	Integrin, alpha M (complement component 3 receptor 3 subunit)	-6.173	0.00016
AK125015	MTHFSD	Homo sapiens cDNA FLJ43025 fis, clone BRTHA2018707.	-6.19194	0.00016
NM_003705	SLC25A12	Solute carrier family 25 (mitochondrial carrier, Aralar), member 12	5.56608	0.00035
NM_032632	PAPOLA	Poly(A) polymerase alpha	-6.93832	0.00007
NM_007331	WHSC1	Wolf-Hirschhorn syndrome candidate 1	-5.54554	0.00036
BM711907	THC2373429	Transcribed locus	-5.5243	0.00037
A_24_P264413	A_24_P264413	Unknown	4.86773	0.00089
NM_032778	MINA	MYC induced nuclear antigen	5.1964	0.00057
AK095260	FLJ10769	hypothetical protein FLJ10769	6.78238	0.00008
NM_004930	CAPZB	Capping protein (actin filament) muscle Z-line, beta	5.14986	0.0006
NM_003951	SLC25A14	Solute carrier family 25 (mitochondrial carrier, brain), member 14	-5.04853	0.00069
NM_012108	BRDG1	BCR downstream signaling 1	-5.17296	0.00058
NM_000788	DCK	Deoxycytidine kinase	-6.25805	0.00015
NM_019015	CSGlcA-T	chondroitin sulfate glucuronyltransferase	5.53232	0.00036
NM_001040150	C15orf28	Acidic (leucine-rich) nuclear phosphoprotein 32 family, member A	-5.31078	0.00049
NM_052839	PANX2	Pannexin 2	5.81643	0.00025
NM_001024732	MECR	Mitochondrial trans-2-enoyl-CoA reductase	6.46046	0.00012
NM_018949	UTS2R	Urotensin 2 receptor	6.14462	0.00017
NM_000786	CYP51A1	Cytochrome P450, family 51, subfamily A, polypeptide 1	-5.98488	0.00021
NM_001361	DHODH	Dihydroorotate dehydrogenase	-4.81064	0.00096
THC2442489	THC2442489	Unknown	-5.7987	0.00026
AK024144	FLJ14082	hypothetical protein FLJ14082	5.0193	0.00072
THC2315966	THC2315966	Unknown	5.44628	0.00041
THC2279305	THC2279305	Unknown	-6.62236	0.0001
BG768878	THC2312236	602743557F1 NIH_MGC_49 Homo sapiens cDNA clone IMAGE:4872878 5', mRNA sequence.	5.64061	0.00032
NM_001031735	C19orf36	Chromosome 19 open reading frame 36	5.29118	0.0005
NM_001329	CTBP2	C-terminal binding protein 2	6.02499	0.0002
NM_007372	DDX42	DEAD (Asp-Glu-Ala-Asp) box polypeptide 42	5.48554	0.00039
AF343078	ATAD3B	Homo sapiens TOB3 mRNA, complete cds.	5.06251	0.00068
NM_001013842	C8orf58	Chromosome 8 open reading frame 58	-5.24475	0.00053
AV739735	HNRPC	Transcribed locus, moderately similar to NP_001020804.1 nuclear ribonucleoprotein C [Rattus norvegicus]	5.62056	0.00033
NM_002641	PIGA	Phosphatidylinositol glycan anchor biosynthesis, class A (paroxysmal nocturnal hemoglobinuria)	-5.71759	0.00029
NM_018047	RBM22	RNA binding motif protein 22	6.25385	0.00015
NM_153187	SLC22A1	Solute carrier family 22 (organic cation transporter), member 1	5.05565	0.00069
AK127081	USP54	Ubiquitin specific peptidase 54	-6.40172	0.00013
AK125832	TBC1D3C	TBC1 domain family, member 3C	-5.35704	0.00046
CR619110	LOC401588	hypothetical LOC401588	-5.72382	0.00029
NM_003861	WDR22	WD repeat domain 22	-6.2627	0.00015
NM_138363	CCDC45	Coiled-coil domain containing 45	-4.87186	0.00088
A_32_P55799	A_32_P55799	Unknown	-5.05573	0.00068
NM_014940	MON1B	MON1 homolog B (yeast)	7.0631	0.00006
BX648857	SP3	Sp3 transcription factor	-5.68022	0.0003
NM_006120	HLA-DMA	Major histocompatibility complex, class II, DM beta	-5.36711	0.00045
NM_006669	LILRB1	Leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 1	-6.90789	0.00007
BQ189538	THC2316936	Transcribed locus	-5.01081	0.00073
NM_015205	ATP11A	ATPase, Class VI, type 11A	-6.56291	0.0001
NM_138364	LOC90826	hypothetical protein BC004337	-5.01733	0.00072
BC089156	BC089156	Homo sapiens, clone IMAGE:4346533, mRNA	-5.40338	0.00043
A_24_P16273	A_24_P16273	Unknown	5.78523	0.00026
CR606044	LOC93622	hypothetical protein BC006130	-4.92763	0.00082
NM_199044	NSUN4	NOL1/NOP2/Sun domain family, member 4	5.527	0.00037
NM_000455	STK11	Serine/threonine kinase 11	6.37056	0.00013
NM_173694	ATP11C	ATPase, Class VI, type 11C	-6.79799	0.00008

NM_006962	ZNF182	Zinc finger protein 182	-5.38748	0.00044
BM680823	BM680823	Transcribed locus	-5.0325	0.00071
BC053353	PRPF38B	CDNA clone IMAGE:5246408	-5.95255	0.00021
AB014514	FLJ30092	AF-1 specific protein phosphatase	6.40387	0.00012
NM_001152	SLC25A5	Solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 5	4.99296	0.00075
BF213738	CLEC2B	C-type lectin domain family 2, member B	-6.15737	0.00017
NM_025231	ZNF435	Zinc finger protein 435	-6.70982	0.00009
NM_001076786	QSER1	Glutamine and serine rich 1	-5.86969	0.00024
NM_019007	ARMCX6	Armadillo repeat containing, X-linked 6	-5.98809	0.00021
NM_145911	ZNF23	Ribosomal protein L27	-6.73374	0.00009
NM_024819	DCAKD	Dephospho-CoA kinase domain containing	-4.9368	0.00081
NM_005207	CRKL	V-crk sarcoma virus CT10 oncogene homolog (avian)-like	5.38662	0.00044
NM_175736	FMNL3	Formin-like 3	5.60824	0.00033
NM_017794	KIAA1797	KIAA1797	-5.35919	0.00046
NM_004074	COX8A	Cytochrome c oxidase subunit 8A (ubiquitous)	6.05767	0.00019
AF144054	AF144054	Apoptosis related protein APR-4	6.06285	0.00019
THC2344420	THC2344420	ALU7_HUMAN (P39194) Alu subfamily SQ sequence contamination warning entry, partial (21%) [THC2344420]	-5.13064	0.00062
AF229166	LOC220077	hypothetical gene supported by AF229166	5.41636	0.00042
AB014550	SMCHD1	Structural maintenance of chromosomes flexible hinge domain containing 1	-6.90178	0.00007
NM_024738	C12orf49	Chromosome 12 open reading frame 49	5.44473	0.00041
NM_153649	TPM3	Tropomyosin 3	5.58209	0.00034
NM_012247	SEPHS1	Selenophosphate synthetase 1	4.8008	0.00097
NM_014339	IL17RA	Interleukin 17 receptor A	-4.86703	0.00089
NM_000534	PMS1	PMS1 postmeiotic segregation increased 1 (S. cerevisiae)	-5.93393	0.00022
AL832783	LMLN	Leishmanolysin-like (metallopeptidase M8 family)	-4.79121	0.00099
NM_015525	IBTK	Inhibitor of Bruton agammaglobulinemia tyrosine kinase	-6.3151	0.00014
A_32_P77421	A_32_P77421	Unknown	-6.30639	0.00014
NM_019843	EIF4ENIF1	Eukaryotic translation initiation factor 4E nuclear import factor 1	-6.83768	0.00008
NM_024898	DENND1C	DENN/MADD domain containing 1C	-6.91959	0.00007
NM_172217	IL16	Interleukin 16 (lymphocyte chemoattractant factor)	-5.28949	0.0005
NM_001192	TNFRSF17	Tumor necrosis factor receptor superfamily, member 17	-6.95798	0.00007
NM_001010853	ACY1L2	Aminoacylase 1-like 2	-6.81869	0.00008
THC2428671	THC2428671	Unknown	-6.52112	0.00011
NM_004423	DVL3	Dishevelled, dsh homolog 3 (Drosophila)	5.46922	0.0004
BC040695	WBSCR16	Williams-Beuren syndrome chromosome region 16	-5.70567	0.00029
A_24_P418590	A_24_P418590	Unknown	-5.20758	0.00056
NM_001018062	LOC51149	hypothetical LOC51149	-4.88888	0.00086
NM_017869	BANP	BTG3 associated nuclear protein	5.46398	0.0004
D86980	TTC9	Tetratricopeptide repeat domain 9	-5.47605	0.00039
A_24_P333077	A_24_P333077	Unknown	5.92063	0.00022
NM_001556	IKBKB	Golgi autoantigen, golgin subfamily a, 7	-6.58675	0.0001
NM_001008225	CNOT4	CCR4-NOT transcription complex, subunit 4	4.9542	0.00079
NM_021173	POLD4	Polymerase (DNA-directed), delta 4	5.57566	0.00034
NM_031303	KATNAL2	Katanin p60 subunit A-like 2	-6.56838	0.0001
NM_007234	DCTN3	Dynactin 3 (p22)	5.07507	0.00067
NM_022845	CBFB	Core-binding factor, beta subunit	6.17287	0.00016
XM_167254	LOC402643	PREDICTED: Homo sapiens similar to tropomyosin 3 isoform 2 (LOC402643), mRNA [XM_167254]	4.89622	0.00085
NM_032868	FLJ14981	hypothetical protein FLJ14981	5.68109	0.0003
NM_013296	GPSM2	G-protein signalling modulator 2 (AGS3-like, C. elegans)	5.72586	0.00028
NM_006134	TMEM50B	Transmembrane protein 50B	6.77942	0.00008
NM_001781	CD69	CD69 molecule	-5.92149	0.00022
NM_021818	SAV1	Salvador homolog 1 (Drosophila)	-5.9986	0.0002
NM_174913	C14orf21	Cell death-inducing DFFA-like effector b	6.12658	0.00017
NM_013943	CLIC4	Chloride intracellular channel 4	5.03541	0.0007
NM_003161	RPS6KB1	Ribosomal protein S6 kinase, 70kDa, polypeptide 1	-5.92216	0.00022
NM_153649	TPM3	Tropomyosin 3	-6.5978	0.0001
NM_198040	PHC2	Polyhomeotic homolog 2 (Drosophila)	6.49653	0.00011
NM_014766	SCRN1	Secernin 1	-5.9542	0.00021
X78926	ZNF268	Phosphatidylinositol glycan anchor biosynthesis, class F	-6.26836	0.00015

NM_005051	QARS	Glutamyl-tRNA synthetase	5.02506	0.00071
NM_032272	MAF1	MAF1 homolog (S. cerevisiae)	5.03895	0.0007
NM_178862	STT3B	STT3, subunit of the oligosaccharyltransferase complex, homolog B (S. cerevisiae)	5.53837	0.00036
NM_031157	HNRPA1	Heterogeneous nuclear ribonucleoprotein A1	-5.34903	0.00046
BC018676	LOC730846	similar to S-adenosylmethionine decarboxylase proenzyme 2 (AdoMetDC 2) (SamDC 2)	6.02167	0.0002
NM_015251	ASCIZ	ATM/ATR-Substrate Chk2-Interacting Zn2+-finger protein	-4.91078	0.00084
NM_024557	RIC3	Resistance to inhibitors of cholinesterase 3 homolog (C. elegans)	-5.18745	0.00057
NM_005389	PCMT1	Protein-L-isoaspartate (D-aspartate) O-methyltransferase	4.80631	0.00097
AK056402	TDRKH	Tudor and KH domain containing	-5.98927	0.00021
BX113895	BX113895	Transcribed locus	-5.24899	0.00053
NM_199418	PRCP	Prolylcarboxypeptidase (angiotensinase C)	-6.17688	0.00016
NM_022074	FAM111A	Family with sequence similarity 111, member A	-6.19018	0.00016
NM_032826	SLC35B4	Solute carrier family 35, member B4	5.93208	0.00022
AK024473	LOC92017	similar to RIKEN cDNA 4933437K13	-6.33059	0.00014
NM_002766	PRPSAP1	Phosphoribosyl pyrophosphate synthetase-associated protein 1	-5.41712	0.00042
NM_006052	DSCR3	Down syndrome critical region gene 3	5.6984	0.00029
CR603982	SESN3	MRNA; cDNA DKFZp313B1017 (from clone DKFZp313B1017)	-5.53487	0.00036
NM_015509	NECAP1	NECAP endocytosis associated 1	5.46732	0.0004
BC047412	ZNF433	Zinc finger protein 433	-6.47114	0.00012
NM_198829	RAC1	Ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)	5.72007	0.00029
NM_018191	RCBTB1	Regulator of chromosome condensation (RCC1) and BTB (POZ) domain containing protein 1	-6.58896	0.0001
NM_002075	GNB3	Guanine nucleotide binding protein (G protein), beta polypeptide 3	5.91288	0.00023
NM_012164	FBXW2	Homo sapiens F-box and WD repeat domain containing 2 (FBXW2), mRNA.	4.83277	0.00093
A_32_P163472	A_32_P163472	Unknown	-6.16132	0.00017
NM_015365	AMMECR1	Alport syndrome, mental retardation, midface hypoplasia and elliptocytosis chromosomal region, gene 1	-5.71868	0.00029
AI887037	AI887037	Transcribed locus, weakly similar to NP_114185.2 Y-box protein YB2 [Rattus norvegicus]	5.73536	0.00028
NM_003913	PRPF4B	PRP4 pre-mRNA processing factor 4 homolog B (yeast)	-6.5001	0.00011
NM_018981	DNAJC10	DnaJ (Hsp40) homolog, subfamily C, member 10	-5.57747	0.00034
NM_000904	NQO2	NAD(P)H dehydrogenase, quinone 2	5.15535	0.0006
AK123940	FAM76A	CDNA FLJ41946 fis, clone PLACE6019701	-5.47561	0.00039
NM_005254	GABPB2	GA binding protein transcription factor, beta subunit 2	-5.57953	0.00034
A_23_P21804	A_23_P21804	Unknown	-5.00709	0.00073
BC071966	FAM60A	Family with sequence similarity 60, member A	5.73366	0.00028
U52054	EMB	S6 H-8 mRNA expressed in chromosome 6-suppressed melanoma cells	-6.50457	0.00011
NM_005463	HNRPDL	Homo sapiens heterogeneous nuclear ribonucleoprotein D-like (HNRPDL), transcript variant 1, mRNA [NM_005463]	-6.07265	0.00019
NM_152729	NT5DC1	5'-nucleotidase domain containing 1	-5.41419	0.00043
NM_032775	KLHL22	Kelch-like 22 (Drosophila)	5.32193	0.00048
A_32_P177097	A_32_P177097	Unknown	-5.55856	0.00035
THC2400533	THC2400533	Unknown	-6.2533	0.00015
NM_005877	SF3A1	Splicing factor 3a, subunit 1, 120kDa	-4.80231	0.00097
NM_001008392	CTDSPL	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase-like	5.07055	0.00067
NM_015914	TXNDC11	Thioredoxin domain containing 11	-5.91849	0.00022
NM_025040	ZNF614	Zinc finger protein 614	5.42227	0.00042
AF067420	IGHA1	Immunoglobulin heavy constant alpha 1	5.36829	0.00045
BF592096	RPL22	Ribosomal protein L22	-4.87536	0.00088
XM_931434	LOC400027	hypothetical gene supported by BC047417	-5.55031	0.00036
NM_004124	GMFB	Glia maturation factor, beta	5.74047	0.00028
NM_003932	ST13	Suppression of tumorigenicity 13 (colon carcinoma) (Hsp70 interacting protein)	6.04059	0.00019
NM_014341	MTCH1	Mitochondrial carrier homolog 1 (C. elegans)	-6.36315	0.00013
NM_002494	NDUFC1	NADH dehydrogenase (ubiquinone) 1, subcomplex unknown, 1, 6kDa	-5.97566	0.00021
NM_194324	MGC39900	hypothetical protein MGC39900	-5.2886	0.0005
BX118285	LOC729717	hypothetical protein LOC729717	-6.00778	0.0002
NM_017615	NSMCE4A	Non-SMC element 4 homolog A (S. cerevisiae)	5.78582	0.00026
NM_178354	LCE1F	Late cornified envelope 1F	5.95595	0.00021
NM_006699	MAN1A2	Mannosidase, alpha, class 1A, member 2	5.92092	0.00022
NM_015245	ANKS1A	Ankyrin repeat and sterile alpha motif domain containing 1A	-5.50607	0.00038
NM_018714	COG1	Component of oligomeric golgi complex 1	-5.45574	0.0004
NM_032730	RTN4IP1	Reticulon 4 interacting protein 1	-6.07719	0.00018
BX647358	LOC283970	hypothetical protein LOC283970	-6.36374	0.00013

NM_005171	ATF1	Activating transcription factor 1	4.79615	0.00098
NM_006537	USP3	Ubiquitin specific peptidase 3	5.28511	0.0005
NM_020764	CASKIN1	CASK interacting protein 1	5.90091	0.00023
XM_929707	LOC646756	similar to Hermansky-Pudlak syndrome 1 protein isoform b	6.01252	0.0002
NM_016025	METTL9	Methyltransferase like 9	-5.30304	0.00049
NM_014718	CLSTN3	Calsyntenin 3	5.55953	0.00035
NM_016220	ZNF588	Zinc finger protein 588	-6.08105	0.00018
NM_152391	PQLC3	PQ loop repeat containing 3	-5.42606	0.00042
NM_005093	CBFA2T2	Core-binding factor, runt domain, alpha subunit 2; translocated to, 2	-4.93458	0.00081
NM_003132	SRM	Spermidine synthase	6.26425	0.00015
AB075859	ZNF525	Zinc finger protein 525	-6.0377	0.00019
NM_012133	COPG2	Coatomer protein complex, subunit gamma 2	-5.60169	0.00033
NM_015391	ANAPC13	Anaphase promoting complex subunit 13	5.88569	0.00023
NM_007279	U2AF2	U2 small nuclear RNA auxiliary factor 2	6.28623	0.00014
NM_181657	LTB4R	Leukotriene B4 receptor	6.31112	0.00014
BC049371	HERPUD2	HERPUD family member 2	-5.4236	0.00042
NM_024865	NANOG	Nanog homeobox	-4.86843	0.00089
NM_015366	PRR5	Proline rich 5 (renal)	5.66776	0.00031
NM_003161	RPS6KB1	Ribosomal protein S6 kinase, 70kDa, polypeptide 1	-5.22779	0.00054
NM_007186	CEP250	Centrosomal protein 250kDa	-5.15592	0.0006
AI241366	AI241366	Transcribed locus	-5.77357	0.00027
NM_018660	ZNF395	Zinc finger protein 395	-5.96506	0.00021
NM_006352	ZNF238	Zinc finger protein 238	5.02507	0.00071
NM_032199	ARID5B	AT rich interactive domain 5B (MRF1-like)	-5.49226	0.00038
NM_001184	ATR	Ataxia telangiectasia and Rad3 related	-6.35054	0.00013
NM_203448	MGC21881	hypothetical protein MGC21881	-5.36318	0.00045
NM_015584	POLDIP2	Polymerase (DNA-directed), delta interacting protein 2	-5.75051	0.00028
A_24_P315644	A_24_P315644	Unknown	5.15013	0.0006
NM_014679	CEP57	Centrosomal protein 57kDa	-6.20966	0.00016
NM_030776	ZBP1	Z-DNA binding protein 1	-5.73526	0.00028
A_24_P684274	A_24_P684274	Unknown	6.05786	0.00019
NM_013347	RPA4	Diaphanous homolog 2 (Drosophila)	-5.34338	0.00047
NM_000028	AGL	Amylo-1, 6-glucosidase, 4-alpha-glucanotransferase (glycogen debranching enzyme, glycogen storage disease type III)	-5.88724	0.00023
NM_005544	IRS1	Insulin receptor substrate 1	-5.99343	0.0002
NM_017890	VPS13B	Vacuolar protein sorting 13B (yeast)	-5.26169	0.00052
NM_003925	MBD4	Methyl-CpG binding domain protein 4	-6.08677	0.00018
NM_194278	C14orf43	Chromosome 14 open reading frame 43	-6.1667	0.00017
NM_013450	BAZ2B	Bromodomain adjacent to zinc finger domain, 2B	-6.24334	0.00015
NM_002120	HLA-DOB	Homo sapiens major histocompatibility complex, class II, DO beta (HLA-DOB), mRNA.	-5.22613	0.00054
AK075364	SLC10A7	Chromosome 4 open reading frame 13	-6.08302	0.00018
AL390214	TRIO	Triple functional domain (PTPRF interacting)	-5.41553	0.00042
NM_033535	FBXL5	F-box and leucine-rich repeat protein 5	-5.47671	0.00039
A_24_P234871	A_24_P234871	Unknown	-5.18812	0.00057
NM_017846	TRSPAP1	TRNA selenocysteine associated protein 1	-4.89339	0.00086
NM_203304	RKHD1	Ring finger and KH domain containing 1	5.65882	0.00031
NM_016824	ADD3	Adducin 3 (gamma)	-6.2579	0.00015
NM_012089	ABCB10	ATP-binding cassette, sub-family B (MDR/TAP), member 10	-5.17797	0.00058
NM_054028	AMAC1L2	Acyl-malonyl condensing enzyme 1-like 2	-6.13479	0.00017
THC2405550	THC2405550	Unknown	-5.82626	0.00025
NM_013314	BLNK	B-cell linker	-6.15231	0.00017
NM_001424	EMP2	Epithelial membrane protein 2	5.01766	0.00072
NM_032932	RAB11FIP4	RAB11 family interacting protein 4 (class II)	-5.21617	0.00055
BC036626	SEN5	SUMO1/sentrin specific peptidase 5	-6.1731	0.00016
NM_014300	SEC11A	SEC11 homolog A (S. cerevisiae)	-5.51732	0.00037
NM_032444	BTBD12	BTB (POZ) domain containing 12	-5.94585	0.00022
NM_002795	PSMB3	Proteasome (prosome, macropain) subunit, beta type, 3	5.01349	0.00073
A_24_P609932	A_24_P609932	Unknown	5.95203	0.00021
NM_198868	TBC1D9B	TBC1 domain family, member 9B (with GRAM domain)	-5.14293	0.00061
NM_015272	KIAA1005	KIAA1005 protein	-5.38264	0.00044



XM_496158	A_24_P341126	Unknown	4.80149	0.00097
NM_006099	PIAS3	Protein inhibitor of activated STAT, 3	5.57718	0.00034
A_24_P126902	A_24_P126902	Unknown	-5.90443	0.00023
XM_930744	LOC653056	PREDICTED: Homo sapiens similar to hypothetical gene supported by AK024248; AL137733, transcript variant 12 (LOC653056), mRNA [XM_930744]	5.61483	0.00033
NM_032199	ARID5B	AT rich interactive domain 5B (MRF1-like)	5.09208	0.00065
AF318367	C9orf86	Homo sapiens pp8875 mRNA, complete cds.	4.89882	0.00085
NM_001969	EIF5	Eukaryotic translation initiation factor 5	-6.21026	0.00016
CN404647	CCDC18	Coiled-coil domain containing 18	-5.25271	0.00053
NM_004894	C14orf2	Chromosome 14 open reading frame 2	-5.8179	0.00025
NM_152458	ZNF785	Zinc finger protein 785	-6.19706	0.00016
NM_153816	SNX14	Sorting nexin 14	-4.95674	0.00078
NM_024783	AGBL2	ATP/GTP binding protein-like 2	-5.29806	0.0005
NM_003342	UBE2G1	Ubiquitin-conjugating enzyme E2G 1 (UBC7 homolog, yeast)	5.20823	0.00056
AK129584	AK129584	Full-length cDNA clone CS0DI007YH13 of Placenta Cot 25-normalized of Homo sapiens (human)	5.90722	0.00023
NM_012089	ABCB10	ATP-binding cassette, sub-family B (MDR/TAP), member 10	-5.38255	0.00044
NM_052873	C14orf179	Chromosome 14 open reading frame 179	5.93542	0.00022
NM_152500	CCDC17	Coiled-coil domain containing 17	-5.39547	0.00044
NM_001040138	CKLF	Chemokine-like factor	-5.93626	0.00022
AK022223	DCAKD	Dephospho-CoA kinase domain containing	-5.27457	0.00051
NM_014314	DDX58	DEAD (Asp-Glu-Ala-Asp) box polypeptide 58	-6.10636	0.00018
NM_003938	AP3D1	Adaptor-related protein complex 3, delta 1 subunit	6.20295	0.00016
BC035854	DSCR1L2	Down syndrome critical region gene 1-like 2	-5.19219	0.00057
NM_015342	PPWD1	Peptidylprolyl isomerase domain and WD repeat containing 1	-5.06668	0.00067
NM_175876	EXOC8	Exocyst complex component 8	-5.67475	0.0003
NM_033557	YIF1B	Yip1 interacting factor homolog B (S. cerevisiae)	4.88311	0.00087
NM_002470	MYH3	Myosin, heavy chain 3, skeletal muscle, embryonic	-5.68484	0.0003
NM_178126	LOC162427	hypothetical protein LOC162427	5.77981	0.00027
BG007597	ALKBH5	Transcribed locus, strongly similar to NP_060228.2 protein LOC54890 [Homo sapiens]	5.35565	0.00046
NM_003982	SLC7A7	Solute carrier family 7 (cationic amino acid transporter, y+ system), member 7	-5.53607	0.00036
NM_001326	GSTF3	Cleavage stimulation factor, 3' pre-RNA, subunit 3, 77kDa	-6.14277	0.00017
U97060	SNAI2	Snail homolog 2 (Drosophila)	5.73829	0.00028
NM_006640		9-Sep Septin 9	-5.35521	0.00046
NM_025139	ARMC9	Armadillo repeat containing 9	5.18952	0.00057
NM_006996	SLC19A2	Solute carrier family 19 (thiamine transporter), member 2	-5.95859	0.00021
NM_014501	UBE2S	Ubiquitin-conjugating enzyme E2S	5.46013	0.0004
NM_016184	CLEC4A	C-type lectin domain family 4, member A	-6.07896	0.00018
NM_020470	YIF1A	Yip1 interacting factor homolog A (S. cerevisiae)	5.81837	0.00025
NM_005922	MAP3K4	Mitogen-activated protein kinase kinase kinase 4	-5.64318	0.00032
S74620	PRKCH	Protein kinase C, eta	5.30026	0.00049
A_32_P62137	A_32_P62137	Unknown	5.50854	0.00038
L08436	COTL1	Coactosin-like 1 (Dictyostelium)	-6.03708	0.00019
NM_172345	SPAG9	Sperm associated antigen 9	5.40408	0.00043
NM_003119	SPG7	Spastic paraplegia 7, paraplegin (pure and complicated autosomal recessive)	4.91896	0.00083
AK128396	TRAF6	CDNA FLJ46539 fis, clone THYMU3037836	-4.9648	0.00078
NM_014480	ZNF544	Zinc finger protein 544	-5.52426	0.00037
NM_024050	C19orf58	Chromosome 19 open reading frame 58	5.81018	0.00026
NM_014017	MAPBPIP	mitogen-activated protein-binding protein-interacting protein	5.65193	0.00031
NM_018952	HOXB6	Homeobox B5	4.78253	0.001
AL832683	PTAR1	Protein prenyltransferase alpha subunit repeat containing 1	-5.18786	0.00057
NM_024812	BAALC	Brain and acute leukemia, cytoplasmic	5.29334	0.0005
XM_496043	A_24_P761457	Unknown	4.99333	0.00075
BX538300	MRPS30	Full-length cDNA clone CS0DK012YA15 of HeLa cells Cot 25-normalized of Homo sapiens (human)	5.38356	0.00044
NM_145309	LRRC51	Leucine rich repeat containing 51	5.71612	0.00029
NM_005647	TBL1X	Transducin (beta)-like 1X-linked	-5.4274	0.00042
NM_006788	RALBP1	RalA binding protein 1	5.44876	0.00041
NM_000982	RPL21	Ribosomal protein L21	-4.85896	0.0009
CR590530	PIP5K2B	Phosphatidylinositol-4-phosphate 5-kinase, type II, beta	-5.90778	0.00023
NM_006135	CAPZA1	Capping protein (actin filament) muscle Z-line, alpha 1	5.48417	0.00039
NM_198490	RAB43	RAB43, member RAS oncogene family	-5.83049	0.00025

BM461836	BM461836	Transcribed locus	-6.01488	0.0002
AK022479	HDHD1A	Haloacid dehalogenase-like hydrolase domain containing 1A	-5.47807	0.00039
AL832806	HDAC4	Histone deacetylase 4	-5.80606	0.00026
BC021898	AP1S3	Homo sapiens adaptor-related protein complex 1, sigma 3 subunit, mRNA (cDNA clone MGC:17284 IMAGE:4340257), complete cds.	5.33898	0.00047
NM_001991	EZH1	Enhancer of zeste homolog 1 (Drosophila)	-5.85304	0.00024
NM_033222	PSIP1	PC4 and SFRS1 interacting protein 1	-5.29831	0.00049
NM_182538	MGC29671	hypothetical protein MGC29671	5.11574	0.00063
NM_002055	GFAP	Glial fibrillary acidic protein	5.4633	0.0004
NM_004552	NDUFS5	NADH dehydrogenase (ubiquinone) Fe-S protein 5, 15kDa (NADH-coenzyme Q reductase)	-5.31081	0.00049
AB011149	KIAA0577	Homo sapiens mRNA for KIAA0577 protein, partial cds.	-5.56005	0.00035
AK098220	LOC728555	hypothetical protein LOC728555	-5.66434	0.00031
NM_199168	CXCL12	Chemokine (C-X-C motif) ligand 12 (stromal cell-derived factor 1)	5.36752	0.00045
XM_001134097	LOC731989	similar to protein tyrosine phosphatase 4a1	5.88768	0.00023
NM_021140	UTX	Ubiquitously transcribed tetratricopeptide repeat, X chromosome	-5.36566	0.00045
NM_001032410	USP16	Ubiquitin specific peptidase 16	-5.39423	0.00044
NM_031206	LAS1L	LAS1-like (S. cerevisiae)	-5.31002	0.00049
NM_032750	ABHD14B	Abhydrolase domain containing 14B	4.95275	0.00079
NM_013375	ABT1	Activator of basal transcription 1	-5.94292	0.00022
NM_178831	GATS	opposite strand transcription unit to STAG3	5.62774	0.00032
NM_138426	GLCCI1	Glucocorticoid induced transcript 1	-5.09956	0.00065
NM_025160	WDR26	WD repeat domain 26	-4.99453	0.00074
NM_017914	C19orf24	Chromosome 19 open reading frame 24	-5.7746	0.00027
NM_019053	EXOC6	Exocyst complex component 6	-5.5546	0.00035
NM_012249	RHOQ	Ras homolog gene family, member Q	5.05453	0.00069
NM_032823	C9orf3	Chromosome 9 open reading frame 3	5.65131	0.00031
NM_014388	C1orf107	Chromosome 1 open reading frame 107	-5.4832	0.00039
BC054050	THOC2	THO complex 2	-5.54513	0.00036
NM_001017915	INPP5D	Inositol polyphosphate-5-phosphatase, 145kDa	-5.83365	0.00025
NM_032380	GFM2	G elongation factor, mitochondrial 2	-4.82169	0.00094
NM_025054	VCPIP1	Valosin containing protein (p97)/p47 complex interacting protein 1	-5.25903	0.00052
NM_006454	MXD4	MAX dimerization protein 4	5.83018	0.00025
THC2412623	THC2412623	Unknown	5.5052	0.00038
NM_131916	PP1L3	Peptidylprolyl isomerase (cyclophilin)-like 3	-5.7303	0.00028
NM_005730	CTDSP2	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase 2	-4.87806	0.00087
NM_001000	RPL39	Ribosomal protein L39	-5.27874	0.00051
L06133	ATP7A	ATPase, Cu <sup>++</sup> transporting, alpha polypeptide (Menkes syndrome)	-5.18321	0.00058
NM_145059	FUK	Fucokinase	-5.02457	0.00071
BC043173	BC043173	CDNA clone IMAGE:5287121	-4.87502	0.00088
NM_015261	NCAPD3	Non-SMC condensin II complex, subunit D3	-5.01908	0.00072
NM_175709	CBX7	Chromobox homolog 7	-5.37048	0.00045
NM_138764	BAX	BCL2-associated X protein	4.98972	0.00075
NM_001002261	ZFYVE27	Zinc finger, FYVE domain containing 27	-5.04773	0.00069
BX538256	ENST00000369183	MRNA; cDNA DKFZp686C1384 (from clone DKFZp686C1384)	-5.41008	0.00043
NM_139015	SPPL3	signal peptide peptidase 3	-5.26749	0.00052
NM_176818	15E1.2	hypothetical protein LOC283459	4.87135	0.00088
BX648207	BX648207	CDNA FLJ40891 fis, clone UTERU2001110	-5.16386	0.00059
A_32_P19616	A_32_P19616	Unknown	5.60695	0.00033
NM_014829	DDX46	DEAD (Asp-Glu-Ala-Asp) box polypeptide 46	-5.52869	0.00037
AK023831	FLJ13769	hypothetical protein FLJ13769	-5.65982	0.00031
A_24_P298835	A_24_P298835	Unknown	-4.94729	0.00079
NM_052862	RCSD1	RCSD domain containing 1	-4.94157	0.0008
XM_496145	LOC440361	PREDICTED: Homo sapiens similar to Ig heavy chain V-III region VH26 precursor (LOC440361), mRNA [XM_496145]	4.79274	0.00098
NM_014649	SAFB2	Small nuclear ribonucleoprotein polypeptide E	-4.92345	0.00082
NM_152604	ZNF383	Zinc finger protein 383	-4.95902	0.00078
NM_022748	TNS3	Tensin 3	-5.23702	0.00054
BC062636	RHBDD1	Rhomboid domain containing 1	-5.31878	0.00048
NM_006591	POLD3	Polymerase (DNA-directed), delta 3, accessory subunit	-5.68071	0.0003
NM_024329	EFHD2	EF-hand domain family, member D2	5.37781	0.00045
NM_015485	RWDD3	RWD domain containing 3	-5.33594	0.00047

AK094181	TTC15	Tetratricopeptide repeat domain 15	-5.28622	0.0005
NM_017613	DONSON	Downstream neighbor of SON	-4.89151	0.00086
BF476310	PGPEP1	Pyroglutamyl-peptidase I	5.57075	0.00035
AK022016	MYO1E	Myosin IE	-5.28289	0.00051
NM_018602	DNAJA4	DnaJ (Hsp40) homolog, subfamily A, member 4	5.08766	0.00066
THC2405710	THC2405710	Unknown	-5.43828	0.00041
NM_016227	C1orf9	Chromosome 1 open reading frame 9	-5.11283	0.00063
NM_006568	CGRRF1	Cell growth regulator with ring finger domain 1	-5.30073	0.00049
XM_497928	A_24_P409891	Unknown	-5.10488	0.00064
NM_032358	CCDC77	Coiled-coil domain containing 77	-4.97185	0.00077
NM_020807	ZNF319	Zinc finger protein 319	-4.89333	0.00086
A_32_P145302	A_32_P145302	Unknown	5.14089	0.00061
NM_001007467	SFI1	Sfi1 homolog, spindle assembly associated (yeast)	-5.24419	0.00053
NM_021167	GATAD1	GATA zinc finger domain containing 1	5.4081	0.00043
A_24_P616082	A_24_P616082	Unknown	5.48231	0.00039
AK000103	LOC153277	hypothetical protein LOC153277	-5.60166	0.00033
AK096109	LOC339483	hypothetical LOC339483	-5.45198	0.0004
NM_138621	BCL2L11	BCL2-like 11 (apoptosis facilitator)	5.11569	0.00063
NM_016563	RASL12	RAS-like, family 12	5.14387	0.00061
NM_004551	NDUFS3	NADH dehydrogenase (ubiquinone) Fe-S protein 3, 30kDa (NADH-coenzyme Q reductase)	5.3438	0.00047
NM_006618	JARID1B	Jumonji, AT rich interactive domain 1B	-5.52211	0.00037
NM_015503	SH2B1	SH2B adaptor protein 1	5.12367	0.00062
NM_020062	SLC2A4RG	SLC2A4 regulator	5.48553	0.00039
NM_006321	ARIH2	Ariadne homolog 2 (Drosophila)	4.82099	0.00095
NM_020235	BBX	Bobby sox homolog (Drosophila)	-5.22583	0.00054
NM_021167	GATAD1	GATA zinc finger domain containing 1	-4.7975	0.00098
NM_000255	MUT	Methylmalonyl Coenzyme A mutase	-5.32572	0.00048
NM_014636	RALGPS1	Ral GEF with PH domain and SH3 binding motif 1	-5.3981	0.00043
NM_003899	ARHGEF7	Rho guanine nucleotide exchange factor (GEF) 7	-4.98475	0.00075
BC032369	HNRPUL2	Heterogeneous nuclear ribonucleoprotein U-like 2	4.95545	0.00079
NM_014739	BCLAF1	Homo sapiens BCL2-associated transcription factor 1 (BCLAF1), transcript variant 1, mRNA.	-4.93999	0.0008
NM_000364	TNNT2	Troponin T type 2 (cardiac)	4.96733	0.00077
NM_030639	BHLHB9	Basic helix-loop-helix domain containing, class B, 9	-4.9057	0.00084
NM_013430	GGT1	Gamma-glutamyltransferase 1	4.78165	0.001
NM_006594	AP4B1	Adaptor-related protein complex 4, beta 1 subunit	-5.45928	0.0004
NM_003188	MAP3K7	Mitogen-activated protein kinase kinase kinase 7	-5.50014	0.00038
THC2415754	THC2415754	Q9Y6H2 (Q9Y6H2) Ku70-binding protein (Fragment), partial (41%) [THC2415754]	-4.97453	0.00077
XM_496741	LOC441066	PREDICTED: Homo sapiens similar to Beta-glucuronidase precursor (LOC441066), mRNA [XM_496741]	4.89513	0.00085
NM_012430	SEC22A	SEC22 vesicle trafficking protein homolog A (S. cerevisiae)	-5.0367	0.0007
NM_014805	EPM2AIP1	EPM2A (laforin) interacting protein 1	-5.02229	0.00072
BC045718	AMZ2	archaemetzincins-2	-4.86184	0.00089
AK023737	AK023737	Homo sapiens cDNA FLJ13675 fis, clone PLACE1011875, highly similar to Homo sapiens mRNA for KIAA0580 protein.	-5.39305	0.00044
A_24_P110521	A_24_P110521	Unknown	-5.43875	0.00041
NM_015355	SUZ12	Suppressor of zeste 12 homolog (Drosophila)	-5.08232	0.00066
THC2320257	THC2320257	Unknown	-5.26085	0.00052
BM069797	C18orf17	Transcribed locus, strongly similar to XP_512065.1 similar to squamous cell carcinoma-related protein-1 [Pan troglodytes]	-5.06886	0.00067
THC2373083	THC2373083	Unknown	-5.22908	0.00054
NM_001439	EXTL2	Exostosins (multiple)-like 2	-5.22046	0.00055
THC2340322	THC2340322	Q5T931 (Q5T931) Sorbin and SH3 domain containing 1, partial (3%) [THC2340322]	-5.24933	0.00053
NM_018297	NGLY1	N-glycanase 1	-5.39139	0.00044
A_32_P55438	A_32_P55438	Unknown	-5.09221	0.00065
NM_019593	KIAA1434	hypothetical protein KIAA1434	-4.86596	0.00089
NM_005813	PRKD3	Protein kinase D3	-5.19393	0.00057
NM_001750	CAST	Calpastatin	-5.38217	0.00044
THC2266506	THC2266506	RS24_HUMAN (P62847) 40S ribosomal protein S24, complete [THC2266506]	-5.34445	0.00047
NM_001029	RPS26	Ribosomal protein S26	-5.39967	0.00043
NM_147171	AKAP9	A kinase (PRKA) anchor protein (yotiao) 9	-5.10376	0.00064
THC2671898	THC2671898	Q3WYF8_9ACTN (Q3WYF8) Sulfotransferase, partial (6%) [THC2671898]	4.9822	0.00076
NM_005773	ZNF256	Zinc finger protein 418	-5.08148	0.00066

A_32_P8971	A_32_P8971	Unknown	-4.99489	0.00074
NM_173854	SLC41A1	Solute carrier family 41, member 1	-5.30434	0.00049
NM_016467	ORMDL1	ORM1-like 1 ( <i>S. cerevisiae</i> )	-5.13111	0.00062
THC2437881	THC2437881	Q9NBA9 (Q9NBA9) Stretchin-MLCK (Fragment), partial (5%) [THC2437881]	-5.17389	0.00058
NM_004487	GOLGB1	Golgi autoantigen, golgin subfamily b, macrogolgin (with transmembrane signal), 1	-5.26839	0.00051
NM_013444	UBQLN2	Ubiquilin 2	-4.98166	0.00076
NM_001011667	CHCHD7	Coiled-coil-helix-coiled-coil-helix domain containing 7	-5.02654	0.00071
NM_020666	CLK4	CDC-like kinase 4	-5.18565	0.00057
NM_006221	PIN1	Protein (peptidylprolyl cis/trans isomerase) NIMA-interacting 1	5.0031	0.00074
NM_001029	RPS26	Ribosomal protein S26	-5.3064	0.00049
THC2280343	THC2280343	ALU6_HUMAN (P39193) Alu subfamily SP sequence contamination warning entry, partial (9%) [THC2280343]	-4.93191	0.00081
AK023675	UTRN	Utrophin (homologous to dystrophin)	-5.03783	0.0007
NM_024065	PDCL3	Phosducin-like 3	-4.79228	0.00098
NM_182663	RASSF5	Ras association (RalGDS/AF-6) domain family 5	4.79344	0.00098
NM_018456	EAF2	ELL associated factor 2	-5.1398	0.00061
A_23_P158868	A_23_P158868	Unknown	5.19558	0.00057
XM_940047	LOC654152	PREDICTED: Homo sapiens similar to ribosomal protein L21 isoform 1 (LOC654152), mRNA [XM_940047]	-5.06821	0.00067
NM_003264	TLR2	Toll-like receptor 2	-5.20009	0.00056
NM_015117	ZC3H3	Zinc finger CCCH-type containing 3	5.05631	0.00068
NM_024112	C9orf16	Chromosome 9 open reading frame 16	5.0859	0.00066
NM_006051	APBB3	Amyloid beta (A4) precursor protein-binding, family B, member 3	-4.83419	0.00093
NM_032714	C14orf151	Chromosome 14 open reading frame 151	5.05654	0.00068
NM_015911	ZNF691	Zinc finger protein 691	-4.89911	0.00085
THC2306096	THC2306096	Unknown	-5.15365	0.0006
NM_015088	TNRC6B	Trinucleotide repeat containing 6B	-4.78159	0.001
A_32_P158543	A_32_P158543	Unknown	4.83166	0.00093
NM_004278	PIGL	Phosphatidylinositol glycan anchor biosynthesis, class L	5.03195	0.00071
NM_024313	NOL12	Nucleolar protein 12	4.80569	0.00097
NM_014238	KSR1	Kinase suppressor of ras 1	4.99409	0.00074
NM_015412	C3orf17	Chromosome 3 open reading frame 17	-5.07804	0.00066
NM_018255	STATIP1	Signal transducer and activator of transcription 3 interacting protein 1	-4.88966	0.00086
A_32_P180185	A_32_P180185	Unknown	-4.90553	0.00084
L31408	FGF2	Fibroblast growth factor 2 (basic)	4.99531	0.00074
NM_014608	CYFIP1	Cytoplasmic FMR1 interacting protein 1	-4.97789	0.00076
NM_000655	SELL	Selectin L (lymphocyte adhesion molecule 1)	-4.93527	0.00081
NM_153240	NPHP3	Nephronophthisis 3 (adolescent)	-4.85518	0.0009
NM_031444	C22orf13	Chromosome 22 open reading frame 13	4.95359	0.00079
NM_003811	TNFSF9	Tumor necrosis factor (ligand) superfamily, member 9	4.87787	0.00087
NM_016310	POLR3K	Polymerase (RNA) III (DNA directed) polypeptide K, 12.3 kDa	4.78534	0.00099
NM_021149	COTL1	Coactosin-like 1 ( <i>Dictyostelium</i> )	4.83716	0.00092
THC2409283	THC2409283	Unknown	-4.98158	0.00076
X81724	CPVL	Carboxypeptidase, vitellogenic-like	4.78924	0.00099
NM_001039360	ZBTB7C	Zinc finger and BTB domain containing 7C	4.94196	0.0008
NM_003387	WIPF1	WAS/WASL interacting protein family, member 1	-4.91746	0.00083
BE774743	THC2363476	CDNA FLJ13267 fis, clone OVARC1000964	4.92569	0.00082
NM_032330	CAPNS2	Calpain, small subunit 2	4.85241	0.00091
NM_015540	RPAP1	RNA polymerase II associated protein 1	-4.89166	0.00086
XM_376787	RPS26P10	Ribosomal protein S26 pseudogene 10	-4.90436	0.00084
NM_018125	ARHGEF10L	Rho guanine nucleotide exchange factor (GEF) 10-like	4.88064	0.00087
NM_017644	KLHL24	Kelch-like 24 ( <i>Drosophila</i> )	-4.8297	0.00093
NM_015132	SNX13	Sorting nexin 13	-4.82155	0.00094
NM_153219	ZNF524	Zinc finger protein 524	-4.82122	0.00095
A_23_P206568	A_23_P206568	Unknown	4.81298	0.00096

Pathway	Gene	Description
Cell adhesion molecules (CAMs)	HLA-DMB	Major histocompatibility complex, class II, DM beta
	ITGB7	Integrin, beta 7
	ITGB1	Integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12)
	HLA-DMA	Major histocompatibility complex, class II, DM beta
	SDC4	Syndecan 4 (amphiglycan, ryudocan)
	HLA-DOB	Homo sapiens major histocompatibility complex, class II, DO beta (HLA-DOB), mRNA.
	SELP	Selectin P (granule membrane protein 140kDa, antigen CD62)
	NLGN1	Neuroigin 1
	SELL	Selectin L (lymphocyte adhesion molecule 1)
	L1CAM	L1 cell adhesion molecule
	ICAM2	Intercellular adhesion molecule 2
ECM-receptor interaction	ITGB7	Integrin, beta 7
	ITGB1	Integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12)
	SDC4	Syndecan 4 (amphiglycan, ryudocan)
Antigen processing and presentation	HLA-DMB	Major histocompatibility complex, class II, DM beta
	HLA-DMA	Major histocompatibility complex, class II, DM beta
	HLA-DOB	Homo sapiens major histocompatibility complex, class II, DO beta (HLA-DOB), mRNA.
Type I diabetes mellitus	HLA-DMB	Major histocompatibility complex, class II, DM beta
	HLA-DMA	Major histocompatibility complex, class II, DM beta
	TNF	Tumor necrosis factor (TNF superfamily, member 2)
	HLA-DOB	Homo sapiens major histocompatibility complex, class II, DO beta (HLA-DOB), mRNA.
Bile acid biosynthesis	ACAD8	Acyl-Coenzyme A dehydrogenase family, member 8
	LIPA	Lipase A, lysosomal acid, cholesterol esterase (Wolman disease)
	ACAA1	Acetyl-Coenzyme A acyltransferase 1 (peroxisomal 3-oxoacyl-Coenzyme A thiolase)
Aminoacyl-tRNA biosynthesis	QARS	Glutaminyl-tRNA synthetase
	HARSL	Histidyl-tRNA synthetase-like
	HARS	Histidyl-tRNA synthetase
Histidine metabolism	PRMT2	Protein arginine methyltransferase 2
	HARS	Histidyl-tRNA synthetase
	HARSL	Histidyl-tRNA synthetase-like
Epithelial cell signaling in Helicobacter pylori infection	PLCG2	Phospholipase C, gamma 2 (phosphatidylinositol-specific)
	IKBKB	Golgi autoantigen, golgin subfamily a, 7
	HBEGF	Heparin-binding EGF-like growth factor
	RAC1	Ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)
	MAPK14	Mitogen-activated protein kinase 14
Glycosylphosphatidylinositol(GPI)-anchor biosynthesis	PIGA	Phosphatidylinositol glycan anchor biosynthesis, class A (paroxysmal nocturnal hemoglobinuria)
	PIGK	Phosphatidylinositol glycan anchor biosynthesis, class K
	PIGG	Phosphatidylinositol glycan anchor biosynthesis, class G
	PIGL	Phosphatidylinositol glycan anchor biosynthesis, class L
Alkaloid biosynthesis II	MYST3	MYST histone acetyltransferase (monocytic leukemia) 3
	MYST4	MYST histone acetyltransferase (monocytic leukemia) 4
	LIPA	Lipase A, lysosomal acid, cholesterol esterase (Wolman disease)
1- and 2-Methylnaphthalene degradation	MYST3	MYST histone acetyltransferase (monocytic leukemia) 3
	MYST4	MYST histone acetyltransferase (monocytic leukemia) 4
	ACAD8	Acyl-Coenzyme A dehydrogenase family, member 8
Benzoate degradation via CoA ligation	MYST3	MYST histone acetyltransferase (monocytic leukemia) 3
	ACAT1	Acetyl-Coenzyme A acetyltransferase 1 (acetoacetyl Coenzyme A thiolase)
	MYST4	MYST histone acetyltransferase (monocytic leukemia) 4
	HADHA	Hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase (trifunctional protein), alpha subunit
Limonene and pinene degradation	MYST3	MYST histone acetyltransferase (monocytic leukemia) 3

	HADHA	Hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase (trifunctional protein), alpha subunit
Glycerophospholipid metabolism	MYST4	MYST histone acetyltransferase (monocytic leukemia) 4
	MYST3	MYST histone acetyltransferase (monocytic leukemia) 3
	GPAM	Glycerol-3-phosphate acyltransferase, mitochondrial
	MYST4	MYST histone acetyltransferase (monocytic leukemia) 4
	LYPLA2	Lysophospholipase II
	PPAP2C	Phosphatidic acid phosphatase type 2C
Adherens junction	ACTC1	Actin, alpha, cardiac muscle 1
	CSNK2A2	Casein kinase 2, alpha prime polypeptide
	ACTN3	Actinin, alpha 3
	EP300	E1A binding protein p300
	WASF2	CDNA clone IMAGE:3030163
	MAP3K7	Mitogen-activated protein kinase kinase kinase 7
	IQGAP1	IQ motif containing GTPase activating protein 1
	RAC3	Ras-related C3 botulinum toxin substrate 3 (rho family, small GTP binding protein Rac3)
	RAC1	Ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)
	SNAI2	Snail homolog 2 (Drosophila)
	FGFR1	Fibroblast growth factor receptor 1 (fms-related tyrosine kinase 2, Pfeiffer syndrome)
	SMAD3	SMAD family member 3
	LMO7	LIM domain 7
	TGFBR2	Transforming growth factor, beta receptor II (70/80kDa)
	TGF-beta signaling pathway	ROCK2
RPS6KB1		Ribosomal protein S6 kinase, 70kDa, polypeptide 1
EP300		E1A binding protein p300
BMPR1A		Bone morphogenetic protein receptor, type IA
RPS6KB2		Ribosomal protein S6 kinase, 70kDa, polypeptide 2
TNF		Tumor necrosis factor (TNF superfamily, member 2)
SMAD3		SMAD family member 3
TGFBR2		Transforming growth factor, beta receptor II (70/80kDa)
Ubiquitin mediated proteolysis	ITCH	Itchy homolog E3 ubiquitin protein ligase (mouse)
	ANAPC7	Anaphase promoting complex subunit 7
	EDD1	E3 ubiquitin protein ligase, HECT domain containing, 1
	UBE2D2	Ubiquitin-conjugating enzyme E2D 2 (UBC4/5 homolog, yeast)
	FZR1	Fizzy/cell division cycle 20 related 1 (Drosophila)
Tyrosine metabolism	MYST3	MYST histone acetyltransferase (monocytic leukemia) 3
	PRMT2	Protein arginine methyltransferase 2
	MYST4	MYST histone acetyltransferase (monocytic leukemia) 4
Inositol phosphate metabolism	PIK3C3	Phosphoinositide-3-kinase, class 3
	MINPP1	Multiple inositol polyphosphate histidine phosphatase, 1
	PLCG2	Phospholipase C, gamma 2 (phosphatidylinositol-specific)
	PIP5K2B	Phosphatidylinositol-4-phosphate 5-kinase, type II, beta
	PIK3CD	Phosphoinositide-3-kinase, catalytic, delta polypeptide
Phosphatidylinositol signaling system	PLCG2	Phospholipase C, gamma 2 (phosphatidylinositol-specific)
	CALM1	Calmodulin 1 (phosphorylase kinase, delta)
	PIK3C3	Phosphoinositide-3-kinase, class 3
	INPP5D	Inositol polyphosphate-5-phosphatase, 145kDa
	PRKCA	Protein kinase C, alpha
	PIP5K2B	Phosphatidylinositol-4-phosphate 5-kinase, type II, beta
	PIK3CD	Phosphoinositide-3-kinase, catalytic, delta polypeptide
Oxidative phosphorylation	NDUFS3	NADH dehydrogenase (ubiquinone) Fe-S protein 3, 30kDa (NADH-coenzyme Q reductase)
	NDUFC1	NADH dehydrogenase (ubiquinone) 1, subcomplex unknown, 1, 6kDa
	COX11	COX11 homolog, cytochrome c oxidase assembly protein (yeast)

	NDUFS5	NADH dehydrogenase (ubiquinone) Fe-S protein 5, 15kDa (NADH-coenzyme Q reductase)
	COX8A	Cytochrome c oxidase subunit 8A (ubiquitous)
Ribosome	RPL39	Ribosomal protein L39
	RPL21	Ribosomal protein L21
	RPL22	Ribosomal protein L22
	RPS26P10	Ribosomal protein S26 pseudogene 10
	RPS26	Ribosomal protein S26
	RPL15	Ribosomal protein L15
	RPS23	Ribosomal protein S23
Arachidonic acid metabolism	GGT1	Gamma-glutamyltransferase 1
	LTC4S	Leukotriene C4 synthase
	ALOX5	Arachidonate 5-lipoxygenase
Glutathione metabolism	GSTM2	Glutathione S-transferase M2 (muscle)
	GSTM1	Glutathione S-transferase M1
	GSTM4	Glutathione S-transferase M4
	G6PD	Glucose-6-phosphate dehydrogenase
	GGT1	Gamma-glutamyltransferase 1
Metabolism of xenobiotics by cytochrome P450	GSTM4	Glutathione S-transferase M4
	GSTM2	Glutathione S-transferase M2 (muscle)
	GSTM1	Glutathione S-transferase M1
	UGT2B7	UDP glucuronosyltransferase 2 family, polypeptide B7
Cholera - Infection	PLCG2	Phospholipase C, gamma 2 (phosphatidylinositol-specific)
	PRKCA	Protein kinase C, alpha
	SEC61A2	Sec61 alpha 2 subunit ( <i>S. cerevisiae</i> )
	ARF3	ADP-ribosylation factor 3
Chondroitin sulfate biosynthesis	CSGlcA-T	chondroitin sulfate glucuronyltransferase
	XYLT1	Xylosyltransferase I
	ChGn	chondroitin beta1,4 N-acetylgalactosaminyltransferase
Cytokine-cytokine receptor interaction	TNF	Tumor necrosis factor (TNF superfamily, member 2)
	GH2	Chorionic somatomammotropin hormone 1 (placental lactogen)
	IL1RAP	Interleukin 1 receptor accessory protein
	BMPR1A	Bone morphogenetic protein receptor, type IA
	TNFRSF17	Tumor necrosis factor receptor superfamily, member 17
	IL10RA	Interleukin 10 receptor, alpha
	HGF	Human mRNA for hepatocyte growth factor (HGF).
	TNFSF9	Tumor necrosis factor (ligand) superfamily, member 9
	IL17RA	Interleukin 17 receptor A
	CXCL12	Chemokine (C-X-C motif) ligand 12 (stromal cell-derived factor 1)
	TGFBR2	Transforming growth factor, beta receptor II (70/80kDa)
Glycan structures - biosynthesis 2	B4GALT2	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 2
	STT3B	STT3, subunit of the oligosaccharyltransferase complex, homolog B ( <i>S. cerevisiae</i> )
	PIGA	Phosphatidylinositol glycan anchor biosynthesis, class A (paroxysmal nocturnal hemoglobinuria)
	PIGK	Phosphatidylinositol glycan anchor biosynthesis, class K
	PIGG	Phosphatidylinositol glycan anchor biosynthesis, class G
	ST3GAL4	ST3 beta-galactoside alpha-2,3-sialyltransferase 4
	PIGL	Phosphatidylinositol glycan anchor biosynthesis, class L
Fructose and mannose metabolism	PFKL	Phosphofructokinase, liver
	GMPPA	GDP-mannose pyrophosphorylase A
	STT3B	STT3, subunit of the oligosaccharyltransferase complex, homolog B ( <i>S. cerevisiae</i> )
	SORD	Sorbitol dehydrogenase
	FUK	Fucokinase
	HK2	Hexokinase 2

Galactose metabolism	PFKL	Phosphofructokinase, liver		
	B4GALT2	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 2		
	HK2	Hexokinase 2		
Fatty acid metabolism	ACAT1	Acetyl-Coenzyme A acetyltransferase 1 (acetoacetyl Coenzyme A thiolase)		
	ACOX1	Acyl-Coenzyme A oxidase 1, palmitoyl		
	ACAA1	Acetyl-Coenzyme A acyltransferase 1 (peroxisomal 3-oxoacyl-Coenzyme A thiolase)		
	HADHA	Hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase (trifunctional protein), alpha subunit		
	CYP4F8	Cytochrome P450, family 4, subfamily F, polypeptide 8		
Glycan structures - biosynthesis 1	B4GALT2	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 2		
	ALG6	Asparagine-linked glycosylation 6 homolog (S. cerevisiae, alpha-1,3-glucosyltransferase)		
	ST3GAL4	ST3 beta-galactoside alpha-2,3-sialyltransferase 4		
	XYLT1	Xylosyltransferase I		
	EXT2	Exostoses (multiple) 2		
	B3GNT6	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 6 (core 3 synthase)		
	RPN1	Ribophorin I		
	CSGlcA-T	chondroitin sulfate glucuronyltransferase		
	ChGn	chondroitin beta 1,4 N-acetylgalactosaminyltransferase		
	EXTL2	Exostoses (multiple)-like 2		
	MAN1B1	Mannosidase, alpha, class 1B, member 1		
	MAN1A2	Mannosidase, alpha, class 1A, member 2		
	Huntington's disease	DCTN1	Dynactin 1 (p150, glued homolog, Drosophila)	
		BAX	BCL2-associated X protein	
CALM1		Calmodulin 1 (phosphorylase kinase, delta)		
EP300		E1A binding protein p300		
Cell cycle		BUB3	BUB3 budding uninhibited by benzimidazoles 3 homolog (yeast)	
	ANAPC7	Anaphase promoting complex subunit 7		
	EP300	E1A binding protein p300		
	YWHAE	Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, epsilon polypeptide		
	ATR	Ataxia telangiectasia and Rad3 related		
	SMAD3	SMAD family member 3		
	FZR1	Fizzy/cell division cycle 20 related 1 (Drosophila)		
	Valine, leucine and isoleucine degradation	ACAT1	Acetyl-Coenzyme A acetyltransferase 1 (acetoacetyl Coenzyme A thiolase)	
MYST3		MYST histone acetyltransferase (monocytic leukemia) 3		
ACAA1		Acetyl-Coenzyme A acyltransferase 1 (peroxisomal 3-oxoacyl-Coenzyme A thiolase)		
BCAT2		Branched chain aminotransferase 2, mitochondrial		
MYST4		MYST histone acetyltransferase (monocytic leukemia) 4		
HADHA		Hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase (trifunctional protein), alpha subunit		
MUT		Methylmalonyl Coenzyme A mutase		
Amyotrophic lateral sclerosis (ALS)	RAB5A	RAB5A, member RAS oncogene family		
	BAX	BCL2-associated X protein		
	PPP3CA	Protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform (calcineurin A alpha)		
	RAC1	Ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)		
	CAT	Catalase		
	SLC1A2	Homo sapiens solute carrier family 1 (glial high affinity glutamate transporter), member 2 (SLC1A2), mRNA.		
Glycerolipid metabolism	GPAM	Glycerol-3-phosphate acyltransferase, mitochondrial		
	STT3B	STT3, subunit of the oligosaccharyltransferase complex, homolog B (S. cerevisiae)		
	PPAP2C	Phosphatidic acid phosphatase type 2C		
	LIPA	Lipase A, lysosomal acid, cholesterol esterase (Wolman disease)		
DNA polymerase	POLD4	Polymerase (DNA-directed), delta 4		
	POLE4	Polymerase (DNA-directed), epsilon 4 (p12 subunit)		
	POLD3	Polymerase (DNA-directed), delta 3, accessory subunit		
	POLE3	Polymerase (DNA directed), epsilon 3 (p17 subunit)		



Purine metabolism	POLE	Polymerase (DNA directed), epsilon	
	ADSS	Adenylosuccinate synthase	
	PDE4C	Phosphodiesterase 4C, cAMP-specific (phosphodiesterase E1 dunce homolog, Drosophila)	
	XDH	Xanthine dehydrogenase	
	POLR3H	Polymerase (RNA) III (DNA directed) polypeptide H (22.9kD)	
	POLR3K	Polymerase (RNA) III (DNA directed) polypeptide K, 12.3 kDa	
	POLD4	Polymerase (DNA-directed), delta 4	
	POLE4	Polymerase (DNA-directed), epsilon 4 (p12 subunit)	
	DCK	Deoxycytidine kinase	
	POLE3	Polymerase (DNA directed), epsilon 3 (p17 subunit)	
	POLD3	Polymerase (DNA-directed), delta 3, accessory subunit	
	GART	Phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synthetase, phosphoribosylaminoimidazole synthetase	
	POLE	Polymerase (DNA directed), epsilon	
Pyrimidine metabolism	POLR3H	Polymerase (RNA) III (DNA directed) polypeptide H (22.9kD)	
	POLD4	Polymerase (DNA-directed), delta 4	
	POLR3K	Polymerase (RNA) III (DNA directed) polypeptide K, 12.3 kDa	
	DCK	Deoxycytidine kinase	
	POLE4	Polymerase (DNA-directed), epsilon 4 (p12 subunit)	
	POLE3	Polymerase (DNA directed), epsilon 3 (p17 subunit)	
	DHODH	Dihydroorotate dehydrogenase	
	POLD3	Polymerase (DNA-directed), delta 3, accessory subunit	
	TK2	Thymidine kinase 2, mitochondrial	
	POLE	Polymerase (DNA directed), epsilon	
	Jak-STAT signaling pathway	GH2	Chorionic somatomammotropin hormone 1 (placental lactogen)
AKT1		V-akt murine thymoma viral oncogene homolog 1	
STAT6		Signal transducer and activator of transcription 6, interleukin-4 induced	
CISH		Cytokine inducible SH2-containing protein	
EP300		E1A binding protein p300	
PIAS4		Protein inhibitor of activated STAT, 4	
PIAS3		Protein inhibitor of activated STAT, 3	
IL10RA		Interleukin 10 receptor, alpha	
PIK3CD		Phosphoinositide-3-kinase, catalytic, delta polypeptide	
CBLB		Cas-Br-M (murine) ecotropic retroviral transforming sequence b	
STAT5B		Signal transducer and activator of transcription 5B	
Chronic myeloid leukemia		AKT1	V-akt murine thymoma viral oncogene homolog 1
		CTBP1	C-terminal binding protein 1
	HRAS	V-Ha-ras Harvey rat sarcoma viral oncogene homolog	
	IKBKB	Golgi autoantigen, golgin subfamily a, 7	
	GAB2	GRB2-associated binding protein 2	
	CTBP2	C-terminal binding protein 2	
	PIK3CD	Phosphoinositide-3-kinase, catalytic, delta polypeptide	
	CBLB	Cas-Br-M (murine) ecotropic retroviral transforming sequence b	
	SHC1	SHC (Src homology 2 domain containing) transforming protein 1	
	SMAD3	SMAD family member 3	
	STAT5B	Signal transducer and activator of transcription 5B	
	CRKL	V-crkl sarcoma virus CT10 oncogene homolog (avian)-like	
	TGFBR2	Transforming growth factor, beta receptor II (70/80kDa)	
Adipocytokine signaling pathway	AKT1	V-akt murine thymoma viral oncogene homolog 1	
	STK11	Serine/threonine kinase 11	
	TNF	Tumor necrosis factor (TNF superfamily, member 2)	
	IKBKB	Golgi autoantigen, golgin subfamily a, 7	
	PRKAB2	Protein kinase, AMP-activated, beta 2 non-catalytic subunit	

	IRS1	Insulin receptor substrate 1
	SLC2A4	Solute carrier family 2 (facilitated glucose transporter), member 4
B cell receptor signaling pathway	PLCG2	Phospholipase C, gamma 2 (phosphatidylinositol-specific)
	AKT1	V-akt murine thymoma viral oncogene homolog 1
	PPP3R1	Protein phosphatase 3 (formerly 2B), regulatory subunit B, 19kDa, alpha isoform (calcineurin B, type I)
	HRAS	V-Ha-ras Harvey rat sarcoma viral oncogene homolog
	CHP	calcium binding protein P22
	INPP5D	Inositol polyphosphate-5-phosphatase, 145kDa
	BLNK	B-cell linker
	IKBKB	Golgi autoantigen, golgin subfamily a, 7
	RAC3	Ras-related C3 botulinum toxin substrate 3 (rho family, small GTP binding protein Rac3)
	PIK3CD	Phosphoinositide-3-kinase, catalytic, delta polypeptide
	PPP3CA	Protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform (calcineurin A alpha)
	RAC1	Ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)
Fc epsilon RI signaling pathway	PLCG2	Phospholipase C, gamma 2 (phosphatidylinositol-specific)
	AKT1	V-akt murine thymoma viral oncogene homolog 1
	INPP5D	Inositol polyphosphate-5-phosphatase, 145kDa
	HRAS	V-Ha-ras Harvey rat sarcoma viral oncogene homolog
	TNF	Tumor necrosis factor (TNF superfamily, member 2)
	RAC3	Ras-related C3 botulinum toxin substrate 3 (rho family, small GTP binding protein Rac3)
	GAB2	GRB2-associated binding protein 2
	PRKCA	Protein kinase C, alpha
	PIK3CD	Phosphoinositide-3-kinase, catalytic, delta polypeptide
	RAC1	Ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)
	MAPK14	Mitogen-activated protein kinase 14
Type II diabetes mellitus	MAFA	V-maf musculoaponeurotic fibrosarcoma oncogene homolog A (avian)
	TNF	Tumor necrosis factor (TNF superfamily, member 2)
	PIK3CD	Phosphoinositide-3-kinase, catalytic, delta polypeptide
	IRS1	Insulin receptor substrate 1
	IKBKB	Golgi autoantigen, golgin subfamily a, 7
	SLC2A4	Solute carrier family 2 (facilitated glucose transporter), member 4
Focal adhesion	PPP1CB	Protein phosphatase 1, catalytic subunit, beta isoform
	ACTN3	Actinin, alpha 3
	AKT1	V-akt murine thymoma viral oncogene homolog 1
	HRAS	V-Ha-ras Harvey rat sarcoma viral oncogene homolog
	ITGB1	Integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12)
	TLN1	Talin 1
	ACTC1	Actin, alpha, cardiac muscle 1
	PRKCA	Protein kinase C, alpha
	PPP1CA	Protein phosphatase 1, catalytic subunit, alpha isoform
	ROCK2	Rho-associated, coiled-coil containing protein kinase 2
	CAV2	Caveolin 2
	ITGB7	Integrin, beta 7
	HGF	Human mRNA for hepatocyte growth factor (HGF).
	RAC3	Ras-related C3 botulinum toxin substrate 3 (rho family, small GTP binding protein Rac3)
	PIK3CD	Phosphoinositide-3-kinase, catalytic, delta polypeptide
	SHC1	SHC (Src homology 2 domain containing) transforming protein 1
	GRLF1	Glucocorticoid receptor DNA binding factor 1
	RAC1	Ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)
	CRKL	V-crkl sarcoma virus CT10 oncogene homolog (avian)-like
Axon guidance	PPP3R1	Protein phosphatase 3 (formerly 2B), regulatory subunit B, 19kDa, alpha isoform (calcineurin B, type I)
	HRAS	V-Ha-ras Harvey rat sarcoma viral oncogene homolog

	CHP	calcium binding protein P22
	ITGB1	Integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12)
	ROCK2	Rho-associated, coiled-coil containing protein kinase 2
	PPP3CA	Protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform (calcineurin A alpha)
	RAC3	Ras-related C3 botulinum toxin substrate 3 (rho family, small GTP binding protein Rac3)
	NCK2	NCK adaptor protein 2
	L1CAM	L1 cell adhesion molecule
	RAC1	Ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)
	CXCL12	Chemokine (C-X-C motif) ligand 12 (stromal cell-derived factor 1)
Calcium signaling pathway	ATP2A2	ATPase, Ca <sup>++</sup> transporting, cardiac muscle, slow twitch 2
	CALM1	Calmodulin 1 (phosphorylase kinase, delta)
	PPP3R1	Protein phosphatase 3 (formerly 2B), regulatory subunit B, 19kDa, alpha isoform (calcineurin B, type I)
	PLCG2	Phospholipase C, gamma 2 (phosphatidylinositol-specific)
	CHP	calcium binding protein P22
	CACNA1I	Calcium channel, voltage-dependent, alpha 1I subunit
	PPP3CA	Protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform (calcineurin A alpha)
	PRKCA	Protein kinase C, alpha
	SLC25A5	Solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 5
	ATP2B4	ATPase, Ca <sup>++</sup> transporting, plasma membrane 4
Pathogenic Escherichia coli infection - EHEC	TUBB8	tubulin, beta 8
	ACTC1	Actin, alpha, cardiac muscle 1
	ITGB1	Integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12)
	ROCK2	Rho-associated, coiled-coil containing protein kinase 2
	VIL2	Villin 2 (ezrin)
	PRKCA	Protein kinase C, alpha
	NCK2	NCK adaptor protein 2
Long-term potentiation	PPP1CB	Protein phosphatase 1, catalytic subunit, beta isoform
	HRAS	V-Ha-ras Harvey rat sarcoma viral oncogene homolog
	PPP3R1	Protein phosphatase 3 (formerly 2B), regulatory subunit B, 19kDa, alpha isoform (calcineurin B, type I)
	CALM1	Calmodulin 1 (phosphorylase kinase, delta)
	CHP	calcium binding protein P22
	PPP1CA	Protein phosphatase 1, catalytic subunit, alpha isoform
	EP300	E1A binding protein p300
	PRKCA	Protein kinase C, alpha
	PPP3CA	Protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform (calcineurin A alpha)
MAPK signaling pathway	DUSP4	Dual specificity phosphatase 4
	HRAS	V-Ha-ras Harvey rat sarcoma viral oncogene homolog
	RASA2	RAS p21 protein activator 2
	AKT1	V-akt murine thymoma viral oncogene homolog 1
	FGF7	Fibroblast growth factor 7 (keratinocyte growth factor)
	PPP3R1	Protein phosphatase 3 (formerly 2B), regulatory subunit B, 19kDa, alpha isoform (calcineurin B, type I)
	MAX	MYC associated factor X
	CHP	calcium binding protein P22
	PPM1A	Protein phosphatase 1A (formerly 2C), magnesium-dependent, alpha isoform
	TNF	Tumor necrosis factor (TNF superfamily, member 2)
	MAP3K7	Mitogen-activated protein kinase kinase kinase 7
	PRKCA	Protein kinase C, alpha
	CACNA1I	Calcium channel, voltage-dependent, alpha 1I subunit
	GNA12	Guanine nucleotide binding protein (G protein) alpha 12
	PPP3CA	Protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform (calcineurin A alpha)
	IKBKB	Golgi autoantigen, golgin subfamily a, 7
	MAP3K4	Mitogen-activated protein kinase kinase kinase 4

	RAC3	Ras-related C3 botulinum toxin substrate 3 (rho family, small GTP binding protein Rac3)
	FGFR1	Fibroblast growth factor receptor 1 (fms-related tyrosine kinase 2, Pfeiffer syndrome)
	TRAF6	CDNA FLJ46539 fis, clone THYMU3037836
	RAC1	Ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)
	FGF2	Fibroblast growth factor 2 (basic)
	MRAS	Muscle RAS oncogene homolog
	CRKL	V-crkl sarcoma virus CT10 oncogene homolog (avian)-like
	TGFBR2	Transforming growth factor, beta receptor II (70/80kDa)
	MAPK14	Mitogen-activated protein kinase 14
Apoptosis	PRKAR1A	Protein kinase, cAMP-dependent, regulatory, type I, alpha (tissue specific extinguisher 1)
	AKT1	V-akt murine thymoma viral oncogene homolog 1
	BAX	BCL2-associated X protein
	MYD88	Myeloid differentiation primary response gene (88)
	PPP3R1	Protein phosphatase 3 (formerly 2B), regulatory subunit B, 19kDa, alpha isoform (calcineurin B, type I)
	IL1RAP	Interleukin 1 receptor accessory protein
	CHP	calcium binding protein P22
	TNF	Tumor necrosis factor (TNF superfamily, member 2)
	CASP9	Caspase 9, apoptosis-related cysteine peptidase
	PPP3CA	Protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform (calcineurin A alpha)
	IKBKB	Golgi autoantigen, golgin subfamily a, 7
	PIK3CD	Phosphoinositide-3-kinase, catalytic, delta polypeptide
Regulation of actin cytoskeleton	PPP1CB	Protein phosphatase 1, catalytic subunit, beta isoform
	HRAS	V-Ha-ras Harvey rat sarcoma viral oncogene homolog
	ACTC1	Actin, alpha, cardiac muscle 1
	ARPC4	Actin related protein 2/3 complex, subunit 4, 20kDa
	FGF7	Fibroblast growth factor 7 (keratinocyte growth factor)
	PPP1CA	Protein phosphatase 1, catalytic subunit, alpha isoform
	ROCK2	Rho-associated, coiled-coil containing protein kinase 2
	ACTN3	Actinin, alpha 3
	ITGB1	Integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12)
	VIL2	Villin 2 (ezrin)
	WASF2	CDNA clone IMAGE:3030163
	ITGB7	Integrin, beta 7
	PIP5K2B	Phosphatidylinositol-4-phosphate 5-kinase, type II, beta
	RAC3	Ras-related C3 botulinum toxin substrate 3 (rho family, small GTP binding protein Rac3)
	GNA12	Guanine nucleotide binding protein (G protein) alpha 12
	IQGAP1	IQ motif containing GTPase activating protein 1
	PIK3CD	Phosphoinositide-3-kinase, catalytic, delta polypeptide
	RAC1	Ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)
	CYFIP1	Cytoplasmic FMR1 interacting protein 1
	FGFR1	Fibroblast growth factor receptor 1 (fms-related tyrosine kinase 2, Pfeiffer syndrome)
	ARHGEF7	Rho guanine nucleotide exchange factor (GEF) 7
	GRLF1	Glucocorticoid receptor DNA binding factor 1
	FGF2	Fibroblast growth factor 2 (basic)
	ITGAM	Integrin, alpha M (complement component 3 receptor 3 subunit)
	MRAS	Muscle RAS oncogene homolog
	CRKL	V-crkl sarcoma virus CT10 oncogene homolog (avian)-like
Insulin signaling pathway	PPP1CB	Protein phosphatase 1, catalytic subunit, beta isoform
	PFKL	Phosphofructokinase, liver
	AKT1	V-akt murine thymoma viral oncogene homolog 1
	PRKAR1A	Protein kinase, cAMP-dependent, regulatory, type I, alpha (tissue specific extinguisher 1)
	HRAS	V-Ha-ras Harvey rat sarcoma viral oncogene homolog

	RPS6KB1	Ribosomal protein S6 kinase, 70kDa, polypeptide 1
	PPP1CA	Protein phosphatase 1, catalytic subunit, alpha isoform
	CALM1	Calmodulin 1 (phosphorylase kinase, delta)
	RHOQ	Ras homolog gene family, member Q
	RPS6KB2	Ribosomal protein S6 kinase, 70kDa, polypeptide 2
	FLOT1	Flotillin 1
	INPP5D	Inositol polyphosphate-5-phosphatase, 145kDa
	IRS1	Insulin receptor substrate 1
	IKBKB	Golgi autoantigen, golgin subfamily a, 7
	PRKAB2	Protein kinase, AMP-activated, beta 2 non-catalytic subunit
	GYS1	Glycogen synthase 1 (muscle)
	PIK3CD	Phosphoinositide-3-kinase, catalytic, delta polypeptide
	CBLB	Cas-Br-M (murine) ecotropic retroviral transforming sequence b
	PYGB	Phosphorylase, glycogen; brain
	SLC2A4	Solute carrier family 2 (facilitated glucose transporter), member 4
	SHC1	SHC (Src homology 2 domain containing) transforming protein 1
	CRKL	V-crk sarcoma virus CT10 oncogene homolog (avian)-like
Wnt signaling pathway	CTBP1	C-terminal binding protein 1
	WNT6	Wingless-type MMTV integration site family, member 6
	ROCK2	Rho-associated, coiled-coil containing protein kinase 2
	CSNK2A2	Casein kinase 2, alpha prime polypeptide
	PPP3R1	Protein phosphatase 3 (formerly 2B), regulatory subunit B, 19kDa, alpha isoform (calcineurin B, type I)
	EP300	E1A binding protein p300
	CHP	calcium binding protein P22
	MAP3K7	Mitogen-activated protein kinase kinase kinase 7
	PPP3CA	Protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform (calcineurin A alpha)
	CTBP2	C-terminal binding protein 2
	PSEN1	Presenilin 1 (Alzheimer disease 3)
	RAC3	Ras-related C3 botulinum toxin substrate 3 (rho family, small GTP binding protein Rac3)
	TBL1X	Transducin (beta)-like 1X-linked
	PRKCA	Protein kinase C, alpha
	RAC1	Ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)
	SMAD3	SMAD family member 3
	DVL3	Dishevelled, dsh homolog 3 (Drosophila)
VEGF signaling pathway	AKT1	V-akt murine thymoma viral oncogene homolog 1
	PLCG2	Phospholipase C, gamma 2 (phosphatidylinositol-specific)
	HRAS	V-Ha-ras Harvey rat sarcoma viral oncogene homolog
	PPP3R1	Protein phosphatase 3 (formerly 2B), regulatory subunit B, 19kDa, alpha isoform (calcineurin B, type I)
	CHP	calcium binding protein P22
	PRKCA	Protein kinase C, alpha
	CASP9	Caspase 9, apoptosis-related cysteine peptidase
	RAC3	Ras-related C3 botulinum toxin substrate 3 (rho family, small GTP binding protein Rac3)
	PIK3CD	Phosphoinositide-3-kinase, catalytic, delta polypeptide
	PPP3CA	Protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform (calcineurin A alpha)
	RAC1	Ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)
	MAPK14	Mitogen-activated protein kinase 14
Melanogenesis	CALM1	Calmodulin 1 (phosphorylase kinase, delta)
	HRAS	V-Ha-ras Harvey rat sarcoma viral oncogene homolog
	WNT6	Wingless-type MMTV integration site family, member 6
	EP300	E1A binding protein p300
	PRKCA	Protein kinase C, alpha
	DVL3	Dishevelled, dsh homolog 3 (Drosophila)

Notch signaling pathway	CIR	CBF1 interacting corepressor
	CTBP1	C-terminal binding protein 1
	PCAF	P300/CBP-associated factor
	EP300	E1A binding protein p300
	PSEN1	Presenilin 1 (Alzheimer disease 3)
	CTBP2	C-terminal binding protein 2
	DVL3	Dishevelled, dsh homolog 3 (Drosophila)
Glioma	PLCG2	Phospholipase C, gamma 2 (phosphatidylinositol-specific)
	AKT1	V-akt murine thymoma viral oncogene homolog 1
	PRKCA	Protein kinase C, alpha
	CALM1	Calmodulin 1 (phosphorylase kinase, delta)
	HRAS	V-Ha-ras Harvey rat sarcoma viral oncogene homolog
	SHC1	SHC (Src homology 2 domain containing) transforming protein 1
	PIK3CD	Phosphoinositide-3-kinase, catalytic, delta polypeptide
Natural killer cell mediated cytotoxicity	PPP3R1	Protein phosphatase 3 (formerly 2B), regulatory subunit B, 19kDa, alpha isoform (calcineurin B, type I)
	PLCG2	Phospholipase C, gamma 2 (phosphatidylinositol-specific)
	CHP	calcium binding protein P22
	HRAS	V-Ha-ras Harvey rat sarcoma viral oncogene homolog
	TNF	Tumor necrosis factor (TNF superfamily, member 2)
	PRKCA	Protein kinase C, alpha
	RAC3	Ras-related C3 botulinum toxin substrate 3 (rho family, small GTP binding protein Rac3)
	PIK3CD	Phosphoinositide-3-kinase, catalytic, delta polypeptide
	SHC1	SHC (Src homology 2 domain containing) transforming protein 1
	PPP3CA	Protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform (calcineurin A alpha)
	ICAM2	Intercellular adhesion molecule 2
	RAC1	Ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)
T cell receptor signaling pathway	PPP3R1	Protein phosphatase 3 (formerly 2B), regulatory subunit B, 19kDa, alpha isoform (calcineurin B, type I)
	CHP	calcium binding protein P22
	AKT1	V-akt murine thymoma viral oncogene homolog 1
	HRAS	V-Ha-ras Harvey rat sarcoma viral oncogene homolog
	TNF	Tumor necrosis factor (TNF superfamily, member 2)
	IKBKB	Golgi autoantigen, golgin subfamily a, 7
	CBLB	Cas-Br-M (murine) ecotropic retroviral transforming sequence b
	PIK3CD	Phosphoinositide-3-kinase, catalytic, delta polypeptide
	PPP3CA	Protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform (calcineurin A alpha)
	NCK2	NCK adaptor protein 2
	Leukocyte transendothelial migration	PLCG2
ACTN3		Actinin, alpha 3
ACTC1		Actin, alpha, cardiac muscle 1
ITGB1		Integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12)
MMP2		Matrix metalloproteinase 2 (gelatinase A, 72kDa gelatinase, 72kDa type IV collagenase)
ROCK2		Rho-associated, coiled-coil containing protein kinase 2
VIL2		Villin 2 (ezrin)
PRKCA		Protein kinase C, alpha
RASSF5		Ras association (RalGDS/AF-6) domain family 5
PIK3CD		Phosphoinositide-3-kinase, catalytic, delta polypeptide
RHOH		Ras homolog gene family, member H
GRLF1		Glucocorticoid receptor DNA binding factor 1
RAC1		Ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)
ITGAM		Integrin, alpha M (complement component 3 receptor 3 subunit)
CXCL12		Chemokine (C-X-C motif) ligand 12 (stromal cell-derived factor 1)
MAPK14	Mitogen-activated protein kinase 14	

Lysine degradation	DLST	Dihydrolipoamide S-succinyltransferase (E2 component of 2-oxo-glutarate complex)
	ACAT1	Acetyl-Coenzyme A acetyltransferase 1 (acetoacetyl Coenzyme A thiolase)
	OGDH	Oxoglutarate (alpha-ketoglutarate) dehydrogenase (lipoamide)
	EHMT2	Euchromatic histone-lysine N-methyltransferase 2
	EHMT1	Euchromatic histone-lysine N-methyltransferase 1
	HADHA	Hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase (trifunctional protein), alpha subunit
Toll-like receptor signaling pathway	AKT1	V-akt murine thymoma viral oncogene homolog 1
	MYD88	Myeloid differentiation primary response gene (88)
	TNF	Tumor necrosis factor (TNF superfamily, member 2)
	TRAF6	CDNA FLJ46539 fis, clone THYMU3037836
	MAP3K7	Mitogen-activated protein kinase kinase kinase 7
	PIK3CD	Phosphoinositide-3-kinase, catalytic, delta polypeptide
	IKBKB	Golgi autoantigen, golgin subfamily a, 7
	TLR2	Toll-like receptor 2
	RAC1	Ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)
	TICAM2	Toll-like receptor adaptor molecule 2
	MAPK14	Mitogen-activated protein kinase 14
Long-term depression	HRAS	V-Ha-ras Harvey rat sarcoma viral oncogene homolog
	GNAZ	Guanine nucleotide binding protein (G protein), alpha z polypeptide
	GNA12	Guanine nucleotide binding protein (G protein) alpha 12
	PRKCA	Protein kinase C, alpha
N-Glycan biosynthesis	DHDDS	Dehydrolipichyl diphosphate synthase
	B4GALT2	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 2
	MAN1B1	Mannosidase, alpha, class 1B, member 1
	ALG6	Asparagine-linked glycosylation 6 homolog (S. cerevisiae, alpha-1,3-glucosyltransferase)
	MAN1A2	Mannosidase, alpha, class 1A, member 2
	RPN1	Ribophorin I
Neuroactive ligand-receptor interaction	DOLPP1	Dolichyl pyrophosphate phosphatase 1
	GH2	Chorionic somatomammotropin hormone 1 (placental lactogen)
	GPR156	G protein-coupled receptor 156
	CRHR2	Corticotropin releasing hormone receptor 2
	UTS2R	Urotensin 2 receptor
	PRLH	Prolactin releasing hormone
Gap junction	LTB4R	Leukotriene B4 receptor
	HRAS	V-Ha-ras Harvey rat sarcoma viral oncogene homolog
	TUBB8	tubulin, beta 8
GnRH signaling pathway	PRKCA	Protein kinase C, alpha
	HRAS	V-Ha-ras Harvey rat sarcoma viral oncogene homolog
	MMP2	Matrix metalloproteinase 2 (gelatinase A, 72kDa gelatinase, 72kDa type IV collagenase)
	HBEGF	Heparin-binding EGF-like growth factor
	CALM1	Calmodulin 1 (phosphorylase kinase, delta)
	PRKCA	Protein kinase C, alpha
	MAP3K4	Mitogen-activated protein kinase kinase kinase 4
MAPK14	Mitogen-activated protein kinase 14	
Tight junction	ACTN3	Actinin, alpha 3
	HRAS	V-Ha-ras Harvey rat sarcoma viral oncogene homolog
	PRKCA	Protein kinase C, alpha
	AKT1	V-akt murine thymoma viral oncogene homolog 1
	CSNK2A2	Casein kinase 2, alpha prime polypeptide
	ACTC1	Actin, alpha, cardiac muscle 1
	MRAS	Muscle RAS oncogene homolog
PRKCH	Protein kinase C, eta	

Tryptophan metabolism	TRAF7	TNF receptor-associated factor 7	
	OGDH	Oxoglutarate (alpha-ketoglutarate) dehydrogenase (lipoamide)	
	ACAT1	Acetyl-Coenzyme A acetyltransferase 1 (acetoacetyl Coenzyme A thiolase)	
	UHRF1	Ubiquitin-like, containing PHD and RING finger domains, 1	
	CYP4F8	Cytochrome P450, family 4, subfamily F, polypeptide 8	
	CAT	Catalase	
	PRMT2	Protein arginine methyltransferase 2	
	HADHA	Hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase (trifunctional protein), alpha subunit	
	CNOT4	CCR4-NOT transcription complex, subunit 4	
Colorectal cancer	AKT1	V-akt murine thymoma viral oncogene homolog 1	
	BAX	BCL2-associated X protein	
	CASP9	Caspase 9, apoptosis-related cysteine peptidase	
	RAC3	Ras-related C3 botulinum toxin substrate 3 (rho family, small GTP binding protein Rac3)	
	PIK3CD	Phosphoinositide-3-kinase, catalytic, delta polypeptide	
	SMAD3	SMAD family member 3	
	RAC1	Ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)	
	DVL3	Dishevelled, dsh homolog 3 (Drosophila)	
	TGFBR2	Transforming growth factor, beta receptor II (70/80kDa)	
Pancreatic cancer	AKT1	V-akt murine thymoma viral oncogene homolog 1	
	CASP9	Caspase 9, apoptosis-related cysteine peptidase	
	RAC3	Ras-related C3 botulinum toxin substrate 3 (rho family, small GTP binding protein Rac3)	
	RALBP1	RalA binding protein 1	
	PIK3CD	Phosphoinositide-3-kinase, catalytic, delta polypeptide	
	IKBKB	Golgi autoantigen, golgin subfamily a, 7	
	SMAD3	SMAD family member 3	
	RAC1	Ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)	
	TGFBR2	Transforming growth factor, beta receptor II (70/80kDa)	
mTOR signaling pathway	RICTOR	rapamycin-insensitive companion of mTOR	
	AKT1	V-akt murine thymoma viral oncogene homolog 1	
	EIF4B	Eukaryotic translation initiation factor 4B	
	RPS6KB2	Ribosomal protein S6 kinase, 70kDa, polypeptide 2	
	RPS6KB1	Ribosomal protein S6 kinase, 70kDa, polypeptide 1	
	PIK3CD	Phosphoinositide-3-kinase, catalytic, delta polypeptide	
	LYK5	protein kinase LYK5	
	STK11	Serine/threonine kinase 11	
	Melanoma	FGF7	Fibroblast growth factor 7 (keratinocyte growth factor)
AKT1		V-akt murine thymoma viral oncogene homolog 1	
HRAS		V-Ha-ras Harvey rat sarcoma viral oncogene homolog	
FGFR1		Fibroblast growth factor receptor 1 (fms-related tyrosine kinase 2, Pfeiffer syndrome)	
HGF		Human mRNA for hepatocyte growth factor (HGF).	
FGF2		Fibroblast growth factor 2 (basic)	
PIK3CD		Phosphoinositide-3-kinase, catalytic, delta polypeptide	
Neurodegenerative Disorders	BAX	BCL2-associated X protein	
	PRNP	Prion protein (p27-30) (Creutzfeldt-Jakob disease, Gerstmann-Strausler-Scheinker syndrome, fatal familial insomnia)	
	PSEN1	Presenilin 1 (Alzheimer disease 3)	
	EP300	E1A binding protein p300	
	GFAP	Glial fibrillary acidic protein	
Propanoate metabolism	MUT	Methylmalonyl Coenzyme A mutase	
	ACAT1	Acetyl-Coenzyme A acetyltransferase 1 (acetoacetyl Coenzyme A thiolase)	
	HADHA	Hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase (trifunctional protein), alpha subunit	
Selenoamino acid metabolism	SEPHS1	Selenophosphate synthetase 1	
	PRMT2	Protein arginine methyltransferase 2	



Thyroid cancer	GGT1	Gamma-glutamyltransferase 1
	HRAS	V-Ha-ras Harvey rat sarcoma viral oncogene homolog
	CCDC6	Coiled-coil domain containing 6
	TPM3	Tropomyosin 3
SNARE interactions in vesicular transport	STX6	Syntaxin 6
	YKT6	YKT6 v-SNARE homolog (S. cerevisiae)
	STX16	Syntaxin 16
Starch and sucrose metabolism	HK2	Hexokinase 2
	PYGB	Phosphorylase, glycogen; brain
	AGL	Amylo-1, 6-glucosidase, 4-alpha-glucanotransferase (glycogen debranching enzyme, glycogen storage disease type III)
	GYS1	Glycogen synthase 1 (muscle)
	UGT2B7	UDP glucuronosyltransferase 2 family, polypeptide B7
Prion disease	PRNP	Prion protein (p27-30) (Creutzfeldt-Jakob disease, Gerstmann-Strausler-Scheinker syndrome, fatal familial insomnia)
	TNF	Tumor necrosis factor (TNF superfamily, member 2)
	GFAP	Glial fibrillary acidic protein