

Geneid	ENSEMBL_ID	EG	Symbol	Description	rowname	baseMean	log2FoldChange	lfcSE	stat
ENSG0000015473	ENSG0000015473	5473	PPBP	pro-platelet	ENSG0000015473	239.877	8.40053	0.833453	10.07919
ENSG0000014069	ENSG0000014069	4069	LYZ	lysozyme	ENSG0000014069	110.7465	5.92521	0.771639	7.67873
ENSG00000181027	ENSG00000181027	81027	TUBB1	tubulin beta	ENSG00000181027	90.82181	7.262257	0.968736	7.496635
ENSG00000164407	ENSG00000164407	64407	RGS18	regulator of G-protein signaling 18	ENSG00000164407	75.43592	6.733116	0.963309	6.98957
ENSG0000012215	ENSG0000012215	2215	FCGR3B	Fc gamma R3B	ENSG0000012215	84.33611	6.588353	0.957247	6.882606
ENSG00000126834	ENSG00000126834	26834	RNU4-2	RNA, U4 small nuclear	ENSG00000126834	427.3292	3.754832	0.557129	6.739612
ENSG0000015166	ENSG0000015166	5166	PDK4	pyruvate dehydrogenase kinase 4	ENSG0000015166	1674.565	-3.38133	0.512604	-6.59638
ENSG0000016653	ENSG0000016653	6653	SORL1	sortilin related receptor 1	ENSG0000016653	207.1567	3.849293	0.598059	6.436311
ENSG0000011441	ENSG0000011441	1441	CSF3R	colony stimulating factor 3 receptor	ENSG0000011441	129.3208	4.233604	0.68163	6.210995
ENSG0000015920	ENSG0000015920	5920	RARRES3	retinoic acid receptor responder 3	ENSG0000015920	82.0422	5.010893	0.812983	6.163592
ENSG0000015788	ENSG0000015788	5788	PTPRC	protein tyrosine phosphatase receptor type C	ENSG0000015788	153.1708	4.4347	0.720252	6.15715
ENSG0000013687	ENSG0000013687	3687	ITGAX	integrin subunit alpha X	ENSG0000013687	78.15538	4.755791	0.794023	5.98949
ENSG0000014283	ENSG0000014283	4283	CXCL9	C-X-C motif chemokine 9	ENSG0000014283	50.06266	7.144654	1.205065	5.928856
ENSG000001567	ENSG000001567	567	B2M	beta-2-microglobulin	ENSG000001567	2256.073	2.963729	0.507606	5.838641
ENSG000001677832	ENSG000001677832	677832	SNORA53	small nuclear RNA 53	ENSG000001677832	110.2603	3.932069	0.696327	5.646873
ENSG0000015196	ENSG0000015196	5196	PF4	platelet factor 4	ENSG0000015196	37.68383	9.760338	1.748324	5.582683
ENSG0000015265	ENSG0000015265	5265	SERPINA1	serpin family A member 1	ENSG0000015265	59.89492	4.802359	0.871802	5.508543
ENSG0000014332	ENSG0000014332	4332	MNDA	myeloid nuclear differentiation antigen	ENSG0000014332	47.47045	5.473373	1.018793	5.372411
ENSG0000016772	ENSG0000016772	6772	STAT1	signal transducer and activator of transcription 1	ENSG0000016772	269.5342	3.044607	0.574013	5.30407
ENSG0000019750	ENSG0000019750	9750	RIPOR2	RHO GTPase family protein 2	ENSG0000019750	45.7903	5.243958	1.000947	5.238995
ENSG0000013579	ENSG0000013579	3579	CXCR2	C-X-C motif chemokine receptor 2	ENSG0000013579	37.54468	5.962701	1.149027	5.189348
ENSG0000018972	ENSG0000018972	8972	MGAM	maltase-glycosylase	ENSG0000018972	49.99178	4.85242	0.936817	5.179687
ENSG0000012533	ENSG0000012533	2533	FYB1	FYN binding protein 1	ENSG0000012533	87.27593	4.4138	0.866346	5.094728
ENSG0000015742	ENSG0000015742	5742	PTGS1	prostaglandin synthase 1	ENSG0000015742	63.51495	4.173945	0.827344	5.04499
ENSG000001692086	ENSG000001692086	692086	SNORD17	small nuclear RNA 17	ENSG000001692086	468.0769	2.76734	0.550088	5.030725
ENSG0000016402	ENSG0000016402	6402	SELL	selectin L	ENSG0000016402	40.77732	4.997357	1.031525	4.844631
ENSG0000015874	ENSG0000015874	5874	RAB27B	RAB27B, member R	ENSG0000015874	23.38996	9.07228	1.873194	4.843215
ENSG0000019402	ENSG0000019402	9402	GRAP2	GRB2 related protein 2	ENSG0000019402	32.85081	6.040045	1.248	4.839778
ENSG00000158	ENSG00000158	58	ACTA1	actin, alpha 1	ENSG00000158	812.1414	2.655435	0.55242	4.806911
ENSG0000014688	ENSG0000014688	4688	NCF2	neutrophil cytosolic factor 2	ENSG0000014688	53.9925	4.200604	0.883601	4.753959
ENSG00000156911	ENSG00000156911	56911	MAP3K7CL	MAP3K7 class C	ENSG00000156911	33.4048	8.122756	1.726996	4.703403
ENSG0000012321	ENSG0000012321	2321	FLT1	fms related tyrosine kinase 1	ENSG0000012321	567.0308	-2.86585	0.610324	-4.69562
ENSG0000014900	ENSG0000014900	4900	NRGN	neurogranin	ENSG0000014900	28.41445	6.891858	1.474168	4.675083
ENSG00000151411	ENSG00000151411	51411	BIN2	bridging integrin 2	ENSG00000151411	38.26266	4.809893	1.032957	4.656432
ENSG00000164744	ENSG00000164744	64744	SMAP2	small ArfGAP 2	ENSG00000164744	122.4784	3.153248	0.677808	4.652125
ENSG0000013674	ENSG0000013674	3674	ITGA2B	integrin subunit alpha 2B	ENSG0000013674	27.97214	6.292325	1.35719	4.636289
ENSG00000156999	ENSG00000156999	56999	ADAMTS9	ADAM metallopeptidase with thrombospondin type 1 motifs 9	ENSG00000156999	175.5257	-3.30584	0.713552	-4.63293
ENSG000001115362	ENSG000001115362	115362	GBP5	guanylate binding protein 5	ENSG000001115362	37.93205	4.984032	1.079696	4.616144
ENSG000001115361	ENSG000001115361	115361	GBP4	guanylate binding protein 4	ENSG000001115361	118.569	3.049148	0.668379	4.562006
ENSG0000015350	ENSG0000015350	5350	PLN	phospholamban	ENSG0000015350	1815.501	2.200333	0.48244	4.56084
ENSG0000014542	ENSG0000014542	4542	MYO1F	myosin I family class I non-ventricular muscle 1F	ENSG0000014542	53.42701	4.148099	0.913549	4.540644
ENSG0000013690	ENSG0000013690	3690	ITGB3	integrin subunit beta 3	ENSG0000013690	41.93762	4.423534	0.978232	4.521969
ENSG0000013105	ENSG0000013105	3105	HLA-A	major histocompatibility complex class I A	ENSG0000013105	398.2708	2.428527	0.537136	4.521249
ENSG0000015577	ENSG0000015577	5577	PRKAR2B	protein kinase c-epsilon regulatory subunit 2B	ENSG0000015577	88.17165	3.31113	0.732838	4.51823
ENSG000001120425	ENSG000001120425	120425	JAML	junctional adhesion molecule	ENSG000001120425	35.60702	5.278943	1.176091	4.48855
ENSG0000012357	ENSG0000012357	2357	FPR1	formyl peptide receptor 1	ENSG0000012357	57.40956	4.229814	0.946016	4.471188

ENSG0000017850	IL1R2	interleukin	ENSG00000144.81663	4.643597	1.039106	4.468837
ENSG0000013113	HLA-DPA1	major histc	ENSG000001162.2149	3.003357	0.677155	4.43526
ENSG0000018794	TNFRSF10C	TNF recept	ENSG00000129.89384	5.397864	1.221705	4.418303
ENSG0000016556	SLC11A1	solute carr	ENSG00000159.10788	3.848767	0.879586	4.375659
ENSG00000229754			ENSG00000116.89275	8.602792	1.993159	4.31616
ENSG0000012214	FCGR3A	Fc fragmer	ENSG00000167.68857	4.177899	0.969643	4.308699
ENSG0000012633	GBP1	guanylate l	ENSG00000169.14756	3.445135	0.804661	4.281474
ENSG0000017114	TMSB4X	thymosin b	ENSG000001667.5798	2.248545	0.53185	4.227783
ENSG000001120892	LRRK2	leucine ricl	ENSG000001117.4889	2.875014	0.684046	4.202954
ENSG0000012167	FABP4	fatty acid b	ENSG000001104.7242	-3.69248	0.88551	-4.16989
ENSG00000167775	SCARNA5	small Cajal	ENSG000001184.04	2.651207	0.639829	4.14362
ENSG000001366	AQP9	aquaporin	ENSG00000131.76545	4.52125	1.092494	4.138466
ENSG0000013689	ITGB2	integrin su	ENSG00000162.18987	3.564912	0.862411	4.133657
ENSG0000017940	LST1	leukocyte s	ENSG00000114.94359	8.425912	2.047427	4.115367
ENSG0000015795	PTPRJ	protein tyr	ENSG00000181.84328	3.017096	0.739369	4.080637
ENSG0000013106	HLA-B	major histc	ENSG000001576.8253	2.164177	0.532744	4.062323
ENSG0000015579	PRKCB	protein kin	ENSG00000138.57732	4.072258	1.004268	4.054952
ENSG000001378707	RN7SL3	RNA, 7SL, c	ENSG000001204.087	2.885956	0.715577	4.033049
ENSG00000127071	DAPP1	dual adapt	ENSG00000123.83893	5.323657	1.32367	4.021892
ENSG00000151311	TLR8	toll like rec	ENSG00000123.83893	5.323657	1.32367	4.021892
ENSG0000013122	HLA-DRA	major histc	ENSG000001298.8041	2.73688	0.688368	3.975899
ENSG0000014635	MYL4	myosin ligl	ENSG00000165.9446	3.162358	0.796351	3.971058
ENSG0000012157	F8	coagulatio	ENSG000001573.4939	-2.21122	0.557005	-3.96984
ENSG000001100287029	DDX11L10	DEAD/H-bc	ENSG00000113.64414	8.294667	2.091303	3.966268
ENSG00000126835	RNU4-1	RNA, U4 sn	ENSG00000178.32971	3.353777	0.852107	3.935861
ENSG00000184033	OBSCN	obscurin, c	ENSG000001868.4722	-2.00559	0.512249	-3.91527
ENSG0000012681	GGTA1P	glycoprote	ENSG00000159.56875	3.286123	0.844113	3.892992
ENSG0000013577	CXCR1	C-X-C moti	ENSG00000124.04635	5.071997	1.304014	3.889526
ENSG0000014084	MXD1	MAX dime	ENSG00000161.02029	3.281952	0.848296	3.868874
ENSG00000164581	CLEC7A	C-type lect	ENSG00000136.7966	3.900676	1.0104	3.860528
ENSG00000126821	SNORA74A	small nucle	ENSG00000139.67601	3.722378	0.96612	3.852913
ENSG00000181704	DOCK8	dedicator c	ENSG00000160.05146	3.201764	0.836994	3.825312
ENSG00000130817	ADGRE2	adhesion C	ENSG00000127.91721	4.702355	1.232875	3.814137
ENSG0000017450	VWF	von Willeb	ENSG0000011390.244	-1.93119	0.506702	-3.8113
ENSG000001400499	LOC400499	vitellogenii	ENSG00000121.30165	5.110939	1.34274	3.806351
ENSG000001200315	APOBEC3A	apolipoppro	ENSG00000112.3447	8.150276	2.143364	3.802563
ENSG000001139105	BEND2	BEN domai	ENSG00000112.3447	8.150276	2.143364	3.802563
ENSG000001201799	TMEM154	transmeml	ENSG00000132.48828	4.19785	1.106013	3.79548
ENSG0000013485	IGFBP2	insulin like	ENSG00000162.94238	3.048632	0.803829	3.792637
ENSG0000013117	HLA-DQA1	major histc	ENSG00000147.82146	3.42914	0.91232	3.758703
ENSG00000157644	MYH7B	myosin he	ENSG000001220.4971	-2.36671	0.630632	-3.75292
ENSG00000126253	CLEC4E	C-type lect	ENSG00000117.36919	6.164079	1.647312	3.741902
ENSG000001150372	NFAM1	NFAT activ	ENSG00000129.90051	4.348953	1.162232	3.741899
ENSG0000019770	RASSF2	Ras associ	ENSG00000166.30895	3.204617	0.85878	3.731591
ENSG0000015159	PDGFRB	platelet de	ENSG000001163.7542	-2.53678	0.684307	-3.70709
ENSG00000181575	APOLD1	apolipoppro	ENSG000001202.9101	-2.86797	0.773682	-3.70691
ENSG000001338	APOB	apolipoppro	ENSG000001188.7479	-2.83546	0.765249	-3.70528

ENSG0000015549	PRELP	proline anc	ENSG00000129.7864	-2.72947	0.738958	-3.69367
ENSG0000019172	MYOM2	myomesin	ENSG000001948.413	-1.87372	0.509116	-3.68035
ENSG0000012268	FGR	FGR proto-	ENSG00000141.98953	3.873071	1.05676	3.665042
ENSG0000012219	FCN1	ficolin 1	ENSG00000130.774	4.342207	1.188488	3.653556
ENSG0000012192	FBLN1	fibulin 1	ENSG000001140.4858	-3.09088	0.847742	-3.64601
ENSG0000013164	NR4A1	nuclear rec	ENSG00000169.03609	-4.10352	1.129717	-3.63235
ENSG00000125801	GCA	grancalcin	ENSG00000145.53684	3.2584	0.905523	3.598363
ENSG00000126831	RNU5A-1	RNA, U5A s	ENSG00000125.58735	4.378746	1.218963	3.592188
ENSG0000015997	RGS2	regulator c	ENSG00000149.39659	3.150489	0.88345	3.566121
ENSG0000018048	CSRP3	cysteine ar	ENSG000001587.5175	1.866065	0.525371	3.551901
ENSG000001160364	CLEC12A	C-type lect	ENSG00000116.78106	6.037035	1.702178	3.546653
ENSG0000012352	FOLR3	folate rece	ENSG00000110.39554	7.902345	2.242719	3.523556
ENSG00000110788	IQGAP2	IQ motif cc	ENSG00000151.30194	3.08767	0.885249	3.487911
ENSG00000128965	SLC27A6	solute carr	ENSG000001116.4893	2.988688	0.857896	3.483743
ENSG0000013437	IFIT3	interferon	ENSG00000160.84217	3.093268	0.889255	3.478495
ENSG00000126768	SNORA73B	small nucle	ENSG000001117.0628	2.572558	0.740948	3.471982
ENSG0000010274536			ENSG00000115.35842	6.056741	1.753798	3.4535
ENSG00000153829	P2RY13	purinergic	ENSG00000118.37215	5.313095	1.539873	3.450345
ENSG000001153579	BTNL9	butyrophili	ENSG000001107.3453	-2.67447	0.776367	-3.44485
ENSG0000014067	LYN	LYN proto-	ENSG00000158.3279	2.819019	0.829143	3.399917
ENSG000001378938	MALAT1	metastasis	ENSG00000111048.98	-1.60752	0.473433	-3.39545
ENSG00000180739	MPIG6B	megakaryc	ENSG00000114.7087	5.994066	1.775713	3.375582
ENSG000001340205	TREML1	triggering r	ENSG00000114.7087	5.994066	1.775713	3.375582
ENSG0000012212	FCGR2A	Fc fragmer	ENSG00000166.0351	3.139358	0.933855	3.36172
ENSG0000010238273			ENSG00000172.58929	-3.13837	0.94101	-3.33511
ENSG0000013684	ITGAM	integrin su	ENSG00000139.90122	3.444863	1.03296	3.334943
ENSG0000012124	EVI2B	ecotropic v	ENSG00000123.31908	4.030848	1.208971	3.334115
ENSG00000130819	KCNIP2	potassium	ENSG000001201.6129	-2.12004	0.636281	-3.33193
ENSG0000014536	ND2	MTND2	ENSG0000016005.91	-1.59975	0.480153	-3.33176
ENSG00000156892	TCIM	transcripti	ENSG00000187.02844	-3.68602	1.106399	-3.33154
ENSG00000126832	RNU5B-1	RNA, U5B s	ENSG00000123.94617	4.127853	1.240138	3.328542
ENSG00000180830	APOL6	apolipopro	ENSG000001139.8772	2.423533	0.729302	3.323087
ENSG00000184171	LOXL4	lysyl oxida	ENSG00000118.32206	4.573066	1.378614	3.317148
ENSG00000157580	PREX1	phosphatic	ENSG000001106.1801	2.287794	0.690705	3.312258
ENSG0000012185	PTK2B	protein tyr	ENSG00000146.92718	3.017586	0.914701	3.298986
ENSG0000013059	HCLS1	hematopoi	ENSG00000172.172	2.626112	0.796925	3.295305
ENSG0000014538	ND4	NADH deh	ENSG00000125100.9	-1.60859	0.489712	-3.28477
ENSG00000110666	CD226	CD226 mol	ENSG00000124.70274	4.047284	1.237051	3.27172
ENSG0000011130	LYST	lysosomal f	ENSG000001134.0145	2.14134	0.655448	3.266984
ENSG00000110326	SIRPB1	signal regu	ENSG00000114.328	5.297234	1.629535	3.250764
ENSG0000018875	VNN2	vanin 2	ENSG00000124.38364	3.85022	1.186547	3.244895
ENSG000001100996724	LOC100996724	phosphodi	ENSG000001256.6693	-1.9238	0.593701	-3.24034
ENSG0000018553	BHLHE40	basic helix-	ENSG000001116.2763	-2.44936	0.756243	-3.23885
ENSG0000010253190			ENSG00000112.61372	6.682292	2.065984	3.234436
ENSG000001313	AOAH	acyloxyacy	ENSG00000118.52948	4.36652	1.352862	3.227616
ENSG000001963	CD53	CD53 mole	ENSG00000139.09417	3.641699	1.134648	3.209541
ENSG0000016890	TAP1	transporte	ENSG00000164.05402	2.740466	0.854558	3.206881

ENSG0000017273	TTN	titin	ENSG0000012367.762	-1.53897	0.481548	-3.19588
ENSG0000014519	CYTB	cytochrom	ENSG0000012028.65	-1.58991	0.497705	-3.19448
ENSG00000127202	C5AR2	compleme	ENSG0000012.82114	5.710151	1.787545	3.19441
ENSG000001643837	LINC01128	long interg	ENSG00000175.58496	-3.19817	1.006562	-3.17732
ENSG00000111240	PADI2	peptidyl ar	ENSG00000117.73393	4.478473	1.412342	3.170955
ENSG0000013371	TNC	tenascin C	ENSG00000155.86372	2.632082	0.830104	3.170786
ENSG0000014071	TM4SF1	transmeml	ENSG000001170.5699	-2.06623	0.652502	-3.16662
ENSG0000017305	TYROBP	TYRO prote	ENSG00000130.65263	3.460115	1.094946	3.160077
ENSG00000132	ACACB	acetyl-CoA	ENSG000001410.7721	-1.72624	0.546648	-3.15787
ENSG0000013908	LAMA2	laminin su	ENSG000001912.9593	-1.65983	0.529508	-3.13466
ENSG000001101	ADAM8	ADAM met	ENSG00000114.2664	5.361117	1.710408	3.134409
ENSG0000014301	AFDN	afadin, adh	ENSG000001222.9315	-1.92143	0.614976	-3.12439
ENSG00000127128	CYTH4	cytohesin 4	ENSG00000147.93459	3.374097	1.080083	3.123925
ENSG0000016696	SPP1	secreted pl	ENSG00000139.77357	2.995195	0.960654	3.117869
ENSG000001115727	RASGRP4	RAS guanyl	ENSG00000114.53542	4.901973	1.575042	3.112281
ENSG00000123345	SYNE1	spectrin re	ENSG000001763.2188	-1.58305	0.510657	-3.10003
ENSG00000110395	DLC1	DLC1 Rho C	ENSG000001179.257	-1.98194	0.642189	-3.08622
ENSG000001440993	MIR570HG	MIR570 ho	ENSG00000191.20716	-2.70674	0.87875	-3.08022
ENSG0000012034	EPAS1	endothelia	ENSG000001553.271	-1.62191	0.526757	-3.07904
ENSG00000164231	MS4A6A	membrane	ENSG00000169.21949	2.728991	0.889464	3.068128
ENSG0000014697	NDUFA4	NDUFA4, n	ENSG000001431.6071	1.625453	0.530179	3.065859
ENSG00000111067	DEPP1	DEPP1, aut	ENSG000001193.3914	-2.44862	0.79906	-3.06438
ENSG0000015116	PCNT	pericentrin	ENSG000001142.7474	-2.48805	0.813865	-3.05708
ENSG0000019180	OSMR	oncostatin	ENSG000001141.9177	-2.47889	0.812947	-3.04927
ENSG0000014539	ND4L	NADH deh	ENSG0000012866.979	-1.4843	0.488763	-3.03686
ENSG0000012022	ENG	endoglin	ENSG000001211.1184	-2.04914	0.676676	-3.02825
ENSG0000015552	SRGN	serglycin	ENSG000001126.8843	1.961051	0.650746	3.013543
ENSG000001144423	GLT1D1	glycosyltra	ENSG00000111.5217	5.549159	1.843804	3.009625
ENSG0000016387	CXCL12	C-X-C moti	ENSG000001243.6147	-1.8735	0.623093	-3.00677
ENSG0000019021	SOCS3	suppressor	ENSG00000149.05718	-3.59737	1.198859	-3.00066
ENSG0000012273	FHL1	four and a	ENSG000001911.224	1.566276	0.523993	2.989114
ENSG00000164167	ERAP2	endoplasm	ENSG00000144.62334	3.16265	1.059579	2.984817
ENSG00000111119	BTN3A1	butyrophili	ENSG00000149.44406	2.577276	0.864967	2.979622
ENSG0000016084	RNY1	RNA, Ro-as	ENSG00000131.40959	3.060514	1.033481	2.961364
ENSG0000017739	ZNF185	zinc finger	ENSG00000124.67528	3.697985	1.250748	2.956618
ENSG0000013683	ITGAL	integrin su	ENSG00000119.15173	3.886107	1.314448	2.956456
ENSG00000123524	SRRM2	serine/argi	ENSG000001698.2271	-1.55822	0.527978	-2.9513
ENSG0000015777	PTPN6	protein tyr	ENSG00000126.65857	3.511737	1.19174	2.94673
ENSG0000019077	DIRAS3	DIRAS fami	ENSG00000116.64191	4.155186	1.410285	2.946346
ENSG0000013123	HLA-DRB1	major histc	ENSG000001103.4184	2.123939	0.722449	2.939914
ENSG00000123263	MCF2L	MCF.2 cell	ENSG00000169.73656	-2.63452	0.896588	-2.93838
ENSG00000151316	PLAC8	placenta s	ENSG0000017.146933	7.361769	2.508854	2.934316
ENSG00000154979	HRASLS2	HRAS like s	ENSG0000017.146933	7.361769	2.508854	2.934316
ENSG000001400696	LGALS17A	galectin 14	ENSG0000017.146933	7.361769	2.508854	2.934316
ENSG000001729359	PLIN4	perilipin 4	ENSG000001417.2625	-2.00732	0.684241	-2.93364
ENSG000001340359	KLHL38	kelch like f	ENSG00000150.18713	-3.19458	1.08998	-2.93086
ENSG00000179670	TUT7	terminal ur	ENSG00000199.61683	2.032021	0.694656	2.92522

ENSG0000013115	HLA-DPB1	major histc	ENSG00000170.89035	2.517131	0.860534	2.92508
ENSG0000023347	SMCHD1	structural r	ENSG000001187.4244	1.751246	0.600301	2.917282
ENSG0000089790	SIGLEC10	sialic acid k	ENSG0000019.953236	6.393189	2.195815	2.911534
ENSG000004210	MEFV	MEFV, pyri	ENSG00000116.45712	4.26185	1.471915	2.895445
ENSG000009051	PSTPIP1	proline-ser	ENSG00000117.64487	3.91339	1.356824	2.884228
ENSG000004600	MX2	MX dynam	ENSG00000141.00697	2.666653	0.926529	2.87811
ENSG00000201294	UNC13D	unc-13 hor	ENSG00000116.84933	3.979178	1.383496	2.876175
ENSG000004540	ND5	NADH deh	ENSG0000019915.215	-1.37459	0.477926	-2.87616
ENSG000003481	IGF2	insulin like	ENSG000001275.6554	-2.07404	0.721672	-2.87394
ENSG000008404	SPARCL1	SPARC like	ENSG0000011500.889	-1.4139	0.493084	-2.86747
ENSG00000339906	PRSS42	serine prot	ENSG00000144.55557	-3.45194	1.204713	-2.86537
ENSG000008714	ABCC3	ATP bindin	ENSG00000112.31724	5.144191	1.797701	2.861538
ENSG000008924	HERC2	HECT and F	ENSG000001207.268	-1.76171	0.617471	-2.85311
ENSG000007277	TUBA4A	tubulin alp	ENSG00000156.02771	2.355888	0.826603	2.850083
ENSG0000010288	LILRB2	leukocyte i	ENSG00000117.58327	3.943304	1.385565	2.84599
ENSG00000100507477	LOC100507	uncharacte	ENSG00000121.40405	3.493846	1.227943	2.845285
ENSG00000409	ARRB2	arrestin be	ENSG00000155.19281	2.51193	0.885944	2.835316
ENSG000006303	SAT1	spermidine	ENSG000001150.1485	1.780041	0.630298	2.824124
ENSG0000023214	XPO6	exportin 6	ENSG00000184.93821	2.041668	0.72387	2.82049
ENSG0000081848	SPRY4	sprouty RT	ENSG00000147.68804	-3.118	1.106985	-2.81666
ENSG0000064859	NABP1	nucleic aci	ENSG00000142.07114	2.874903	1.021249	2.815085
ENSG00000780851	SNORD3A	small nucle	ENSG0000012775.714	3.536096	1.256694	2.813808
ENSG000003791	KDR	kinase inse	ENSG000001174.3746	-1.93563	0.68883	-2.81002
ENSG000004033	LRMP	lymphoid r	ENSG00000114.36213	4.233291	1.50671	2.809626
ENSG0000011024	LILRA1	leukocyte i	ENSG00000110.22225	5.367982	1.911431	2.808357
ENSG0000023406	COTL1	coactosin I	ENSG00000132.36246	2.850991	1.016813	2.803849
ENSG00000219285	SAMD9L	sterile alph	ENSG00000165.32861	2.195714	0.784818	2.797736
ENSG000006404	SELPLG	selectin P I	ENSG00000126.32796	3.630615	1.297988	2.79711
ENSG00000330	BIRC3	baculoviral	ENSG00000165.8537	2.301098	0.823687	2.793655
ENSG0000064218	SEMA4A	semaphori	ENSG00000115.21927	4.094285	1.465752	2.7933
ENSG000004311	MME	membrane	ENSG00000122.46861	3.365433	1.206709	2.788935
ENSG00000117248	GALNT15	polypeptid	ENSG00000169.47003	-2.63059	0.945224	-2.78303
ENSG000009507	ADAMTS4	ADAM met	ENSG00000152.00721	-2.9062	1.046104	-2.77811
ENSG000007422	VEGFA	vascular er	ENSG000001233.7686	-1.91841	0.690666	-2.77762
ENSG0000057007	ACKR3	atypical ch	ENSG00000122.24038	-6.53635	2.355575	-2.77484
ENSG0000091351	DDX60L	DExD/H-bc	ENSG00000184.65807	2.007981	0.726146	2.765256
ENSG0000011151	CORO1A	coronin 1A	ENSG00000120.74282	3.796717	1.373153	2.764963
ENSG0000079987	SVEP1	sushi, von '	ENSG000001179.8145	-1.83692	0.665208	-2.76143
ENSG000009262	STK17B	serine/thre	ENSG00000156.40319	2.478278	0.898044	2.75964
ENSG0000010875	FGL2	fibrinogen	ENSG00000173.43548	2.098771	0.764771	2.744314
ENSG00000285533	RNF175	ring finger	ENSG00000110.16066	5.454768	1.991353	2.739227
ENSG0000029887	SNX10	sorting nex	ENSG00000115.15767	4.132318	1.515223	2.727202
ENSG000002257	FGF12	fibroblast g	ENSG000001317.7954	1.493491	0.547847	2.726109
ENSG0000079689	STEAP4	STEAP4 me	ENSG000001182.382	-2.01145	0.738342	-2.72428
ENSG00000118788	PIK3AP1	phosphoin	ENSG00000142.21696	2.850792	1.046668	2.723684
ENSG0000080230	RUFY1	RUN and F'	ENSG00000164.92005	2.220465	0.816334	2.720044
ENSG0000010579	TACC2	transformi	ENSG000001767.5583	-1.40143	0.515496	-2.71861

ENSG0000I	ENSG0000I	221395	ADGRF5	adhesion G	ENSG0000I	334.8606	-1.53115	0.565142	-2.70931
ENSG0000I	ENSG0000I	3988	LIPA	lipase A, ly	ENSG0000I	71.82281	2.132602	0.787579	2.707794
ENSG0000I	ENSG0000I	1901	S1PR1	sphingosin	ENSG0000I	114.5821	-1.96612	0.726417	-2.70659
ENSG0000I	ENSG0000I	55016	MARCH1	membrane	ENSG0000I	29.15244	3.005651	1.110764	2.705932
ENSG0000I	ENSG0000I	56243	KIAA1217	KIAA1217	ENSG0000I	117.6881	-1.93082	0.714259	-2.70324
ENSG0000I	ENSG0000I	1794	DOCK2	dedicator c	ENSG0000I	60.99649	2.620966	0.97002	2.701971
ENSG0000I	ENSG0000I	4666	NACA	nascent po	ENSG0000I	619.7511	-1.4218	0.526304	-2.70147
ENSG0000I	ENSG0000I	4051	CYP4F3	cytochrom	ENSG0000I	9.572532	5.268109	1.950709	2.700613
ENSG0000I	ENSG0000I	2867	FFAR2	free fatty a	ENSG0000I	9.572532	5.268109	1.950709	2.700613
ENSG0000I	ENSG00000235050				ENSG0000I	40.45244	-3.30592	1.225661	-2.69726
ENSG0000I	ENSG0000I	5740	PTGIS	prostaglan	ENSG0000I	95.08313	-2.12902	0.789448	-2.69685
ENSG0000I	ENSG0000I	7097	TLR2	toll like rec	ENSG0000I	51.47221	2.728461	1.012077	2.695902
ENSG0000I	ENSG0000I	5210	PFKFB4	6-phospho	ENSG0000I	12.91687	4.281749	1.589502	2.693767
ENSG0000I	ENSG0000I	80709	AKNA	AT-hook tr	ENSG0000I	46.69451	2.384772	0.885789	2.692257
ENSG0000I	ENSG00000272053				ENSG0000I	8.715392	6.125028	2.276213	2.690885
ENSG0000I	ENSG0000I	3659	IRF1	interferon	ENSG0000I	60.15792	2.23087	0.829274	2.690147
ENSG0000I	ENSG00000267784				ENSG0000I	40.16459	-3.2915	1.224684	-2.68763
ENSG0000I	ENSG0000I	1958	EGR1	early grow	ENSG0000I	44.83321	-3.02086	1.124856	-2.68556
ENSG0000I	ENSG0000I	30846	EHD2	EH domain	ENSG0000I	48.84061	-2.80965	1.053989	-2.66573
ENSG0000I	ENSG0000I	477	ATP1A2	ATPase Na	ENSG0000I	437.4508	-1.4361	0.540474	-2.65711
ENSG0000I	ENSG0000I	85464	SSH2	slingshot p	ENSG0000I	200.2863	1.566216	0.589514	2.656794
ENSG0000I	ENSG0000I	23765	IL17RA	interleukin	ENSG0000I	61.09928	2.228364	0.840368	2.651651
ENSG0000I	ENSG0000I	89846	FGD3	FYVE, Rho	ENSG0000I	16.61445	3.61892	1.369615	2.642291
ENSG0000I	ENSG0000I	79625	NDNF	neuron der	ENSG0000I	31.82546	-4.58332	1.736766	-2.639
ENSG0000I	ENSG0000I	3397	ID1	inhibitor of	ENSG0000I	32.81103	-4.62635	1.753729	-2.63801
ENSG0000I	ENSG0000I	5197	PF4V1	platelet fac	ENSG0000I	5.84749	7.072257	2.682827	2.636121
ENSG0000I	ENSG0000I	3627	CXCL10	C-X-C moti	ENSG0000I	5.84749	7.072257	2.682827	2.636121
ENSG0000I	ENSG0000I	838	CASP5	caspase 5	ENSG0000I	5.84749	7.072257	2.682827	2.636121
ENSG0000I	ENSG0000I	4855	NOTCH4	notch 4	ENSG0000I	72.04668	-2.33649	0.88645	-2.63578
ENSG0000I	ENSG0000I	1831	TSC22D3	TSC22 dom	ENSG0000I	170.1713	1.62625	0.616993	2.635767
ENSG0000I	ENSG0000I	427	ASAH1	N-acylsphii	ENSG0000I	716.6783	1.339154	0.510626	2.622575
ENSG0000I	ENSG0000I	5724	PTAFR	platelet act	ENSG0000I	18.51352	3.430887	1.312527	2.613955
ENSG0000I	ENSG0000I	2152	F3	coagulation	ENSG0000I	46.6218	2.298886	0.882223	2.605789
ENSG0000I	ENSG0000I	84281	C2orf88	chromosor	ENSG0000I	56.54979	2.152332	0.826154	2.605242
ENSG0000I	ENSG0000I	10418	SPON1	spondin 1	ENSG0000I	18.53195	-6.28088	2.411153	-2.60493
ENSG0000I	ENSG0000I	4535	ND1	NADH deh	ENSG0000I	11747.61	-1.27053	0.488708	-2.59977
ENSG0000I	ENSG0000I	4046	LSP1	lymphocyt	ENSG0000I	38.0096	2.613194	1.006867	2.595371
ENSG0000I	ENSG0000I	84166	NLRC5	NLR family	ENSG0000I	52.10153	2.290148	0.882577	2.594841
ENSG0000I	ENSG0000I	4508	ATP6	ATP syntha	ENSG0000I	15576.8	-1.37177	0.529512	-2.59063
ENSG0000I	ENSG0000I	4607	MYBPC3	myosin bin	ENSG0000I	2488.988	-1.2775	0.493433	-2.58901
ENSG0000I	ENSG0000I	100526835	FPGT-TNNI	FPGT-TNNI	ENSG0000I	17.66709	-6.20537	2.396886	-2.58893
ENSG0000I	ENSG0000I	55679	LIMS2	LIM zinc fir	ENSG0000I	55.53294	-2.48655	0.960508	-2.58878
ENSG0000I	ENSG0000I	10261	IGSF6	immunoglc	ENSG0000I	27.04595	3.133342	1.210992	2.587417
ENSG0000I	ENSG0000I	4356	MPP3	membrane	ENSG0000I	56.95846	-2.52848	0.978033	-2.58527
ENSG0000I	ENSG0000I	5880	RAC2	Rac family	ENSG0000I	17.34839	3.608157	1.395923	2.584782
ENSG0000I	ENSG0000I	947	CD34	CD34 mole	ENSG0000I	140.704	-1.75101	0.678037	-2.58248
ENSG0000I	ENSG0000I	4035	LRP1	LDL recept	ENSG0000I	814.7502	-1.45031	0.56381	-2.57234

ENSG0000I	ENSG0000I	51330	TNFRSF12F	TNF recept	ENSG0000I	16.82186	3.491769	1.358958	2.569445
ENSG0000I	ENSG0000I	81671	VMP1	vacuole mε	ENSG0000I	112.3889	1.765884	0.688466	2.564956
ENSG0000I	ENSG0000I	9938	ARHGAP25	Rho GTPas	ENSG0000I	30.76654	2.660814	1.037857	2.563757
ENSG0000I	ENSG0000I	23533	PIK3R5	phosphoin	ENSG0000I	24.20551	3.282218	1.28097	2.562291
ENSG0000I	ENSG0000I	8876	VNN1	vanin 1	ENSG0000I	9.779951	4.715381	1.845169	2.555529
ENSG0000I	ENSG0000I	2845	GPR22	G protein-α	ENSG0000I	37.15246	2.612924	1.023316	2.553388
ENSG0000I	ENSG0000I	10320	IKZF1	IKAROS far	ENSG0000I	29.82479	3.033009	1.193312	2.541673
ENSG0000I	ENSG0000I	8635	RNASSET2	ribonuclea	ENSG0000I	18.86676	3.251408	1.280252	2.539662
ENSG0000I	ENSG0000I	23531	MMD	monocyte	ENSG0000I	29.971	2.651955	1.044552	2.538845
ENSG0000I	ENSG0000I	306	ANXA3	annexin A3	ENSG0000I	63.6963	-2.48962	0.981124	-2.53752
ENSG0000I	ENSG0000I	85358	SHANK3	SH3 and m	ENSG0000I	42.2461	-2.9338	1.157161	-2.53534
ENSG0000I	ENSG0000I	283383	ADGRD1	adhesion G	ENSG0000I	126.0885	-1.75759	0.693961	-2.53269
ENSG0000I	ENSG0000I	7058	THBS2	thrombosp	ENSG0000I	63.01977	-2.28839	0.905492	-2.52723
ENSG0000I	ENSG0000I	677841	SNORA74B	small nucle	ENSG0000I	39.60735	2.379975	0.943797	2.521703
ENSG0000I	ENSG0000I	3635	INPP5D	inositol pol	ENSG0000I	41.27076	2.738061	1.087569	2.517597
ENSG0000I	ENSG0000I	8641	PCDHGB4	protocadhε	ENSG0000I	16.20509	-6.08512	2.418595	-2.51597
ENSG0000I	ENSG0000I	1910	EDNRB	endothelin	ENSG0000I	89.13585	-2.02458	0.804788	-2.51567
ENSG0000I	ENSG0000I	6039	RNASE6	ribonuclea	ENSG0000I	13.27011	3.873344	1.540435	2.514448
ENSG0000I	ENSG0000I	55843	ARHGAP15	Rho GTPas	ENSG0000I	17.88642	3.331758	1.326147	2.51236
ENSG0000I	ENSG0000I	7148	TNXB	tenascin Xf	ENSG0000I	236.9858	-1.55553	0.619279	-2.51183
ENSG0000I	ENSG0000I	25893	TRIM58	tripartite n	ENSG0000I	15.16918	3.591698	1.430975	2.509966
ENSG0000I	ENSG0000I	51291	GMIP	GEM interε	ENSG0000I	15.16918	3.591698	1.430975	2.509966
ENSG0000I	ENSG0000I	6262	RYR2	ryanodine	ENSG0000I	8386.032	-1.43948	0.575243	-2.50239
ENSG0000I	ENSG0000I	219972	MPEG1	macrophagε	ENSG0000I	53.68556	2.668088	1.066948	2.500673
ENSG0000I	ENSG0000I	397	ARHGDIB	Rho GDP d	ENSG0000I	102.455	1.715675	0.686201	2.500252
ENSG0000I	ENSG0000I	1378	CR1	compleme	ENSG0000I	35.22069	2.620531	1.051829	2.491405
ENSG0000I	ENSG0000I	58475	MS4A7	membrane	ENSG0000I	39.93273	2.44075	0.980894	2.48829
ENSG0000I	ENSG0000I	57674	RNF213	ring finger	ENSG0000I	374.3247	1.341039	0.540309	2.481983
ENSG0000I	ENSG0000I	23195	MDN1	midasin Aε	ENSG0000I	205.693	-1.51973	0.612999	-2.47918
ENSG0000I	ENSG0000I	378706	RN7SL2	RNA, 7SL, c	ENSG0000I	27943.05	1.166591	0.47091	2.477309
ENSG0000I	ENSG0000I	1363	CPE	carboxypep	ENSG0000I	69.39784	-2.12206	0.859065	-2.4702
ENSG0000I	ENSG0000I	728262	FAM157A	family with	ENSG0000I	5.197769	6.902328	2.796325	2.468357
ENSG0000I	ENSG0000I	653361	NCF1	neutrophil	ENSG0000I	5.197769	6.902328	2.796325	2.468357
ENSG0000I	ENSG0000I	84519	ACRBP	acrosin bin	ENSG0000I	5.197769	6.902328	2.796325	2.468357
ENSG0000I	ENSG0000I	91662	NLRP12	NLR family	ENSG0000I	5.197769	6.902328	2.796325	2.468357
ENSG0000I	ENSG0000I	126014	OSCAR	osteoclast	ENSG0000I	5.197769	6.902328	2.796325	2.468357
ENSG0000I	ENSG0000I	4513	COX2	cytochrom	ENSG0000I	19574.46	-1.43091	0.580679	-2.4642
ENSG0000I	ENSG0000I	253017	TECRL	trans-2,3-e	ENSG0000I	914.6775	1.355358	0.550939	2.460085
ENSG0000I	ENSG0000I	7456	WIPF1	WAS/WASf	ENSG0000I	68.96681	1.893359	0.76988	2.459291
ENSG0000I	ENSG0000I	9569	GTF2IRD1	GTF2I repe	ENSG0000I	15.12275	-5.98274	2.434179	-2.4578
ENSG0000I	ENSG0000I	4811	NID1	nidogen 1	ENSG0000I	218.2153	-1.48185	0.603681	-2.4547
ENSG0000I	ENSG0000I	22997	IGSF9B	immunoglc	ENSG0000I	39.73445	-2.83875	1.157046	-2.45345
ENSG0000I	ENSG0000I	695	BTK	Bruton tyrε	ENSG0000I	12.08235	4.349292	1.774254	2.451336
ENSG0000I	ENSG0000I	183	AGT	angiotensin	ENSG0000I	72.85713	-2.06155	0.841526	-2.44978
ENSG0000I	ENSG0000I	3394	IRF8	interferon	ENSG0000I	9.718353	4.790545	1.955925	2.449248
ENSG0000I	ENSG0000I	9473	THEMIS2	thymocyte	ENSG0000I	30.98508	2.773809	1.13569	2.442399
ENSG0000I	ENSG0000I	8031	NCOA4	nuclear rec	ENSG0000I	542.0906	1.283783	0.525661	2.442226

ENSG000001351	COX8A	cytochrom	ENSG00000172.50745	1.864927	0.764744	2.438629
ENSG0000014625	MYH7	myosin he	ENSG00000140689.2	-1.1455	0.469775	-2.43841
ENSG000001257106	ARHGAP3C	Rho GTPas	ENSG00000121.19179	3.238481	1.328581	2.43755
ENSG00000123676	SMPX	small musc	ENSG000001157.5822	1.523951	0.625613	2.435934
ENSG0000017454	WAS	Wiskott-Al	ENSG00000114.92279	3.715852	1.526893	2.433603
ENSG000001248527			ENSG0000012020.003	-1.32568	0.545119	-2.4319
ENSG00000110627	MYL12A	myosin lig	ENSG000001661.5899	1.440013	0.592615	2.429928
ENSG0000013587	IL10RA	interleukin	ENSG00000127.88713	2.720672	1.119997	2.429178
ENSG000001114780	PKD1L2	polycystin	ENSG00000115.17807	-5.98447	2.464768	-2.42801
ENSG00000155353	LAPTM4B	lysosomal	ENSG000001183.4742	1.599991	0.661605	2.418349
ENSG0000012358	FPR2	formyl pep	ENSG00000114.33467	3.609134	1.492522	2.418145
ENSG000001277918			ENSG00000119.14062	3.522457	1.457897	2.416122
ENSG000001281383			ENSG0000012851.92	1.289459	0.534301	2.413359
ENSG00000189849	ATG16L2	autophagy	ENSG00000143.04258	2.184428	0.9052	2.413198
ENSG0000015696	PSMB8	proteasom	ENSG00000137.56873	2.398798	0.995543	2.409538
ENSG0000016916	TBXAS1	thromboxa	ENSG00000131.46151	2.679775	1.113307	2.407039
ENSG0000019958	USP15	ubiquitin s	ENSG000001150.5413	1.506157	0.627538	2.400105
ENSG0000013672	ITGA1	integrin su	ENSG000001171.4553	-1.52749	0.636506	-2.39981
ENSG0000014137	MAPT	microtubul	ENSG00000143.59354	-2.63212	1.098565	-2.39596
ENSG0000016001	RGS10	regulator c	ENSG00000110.57549	4.485163	1.87297	2.39468
ENSG00000110290	SPEG	SPEG com	ENSG000001117.0578	-1.70138	0.710638	-2.39416
ENSG000001677808	SNORA23	small nucle	ENSG00000112.74358	3.716625	1.553309	2.392714
ENSG00000110252	SPRY1	sprouty RT	ENSG00000183.1122	-2.14667	0.89751	-2.3918
ENSG00000126027	ACOT11	acyl-CoA t	ENSG00000167.69572	-2.08398	0.872257	-2.38918
ENSG000001284996	RNF149	ring finger	ENSG00000160.00242	2.093954	0.876637	2.388621
ENSG00000110346	TRIM22	tripartite n	ENSG000001102.7748	1.854745	0.777522	2.385457
ENSG0000012615	LRRC32	leucine ric	ENSG00000172.50141	-2.05124	0.861099	-2.38212
ENSG0000017134	TNNC1	troponin C	ENSG0000011811.84	1.150578	0.483025	2.382025
ENSG00000127122	DKK3	dickkopf W	ENSG000001498.2897	1.275106	0.535516	2.381077
ENSG0000013133	HLA-E	major histc	ENSG000001625.3274	1.286658	0.541777	2.374884
ENSG00000123218	NBEAL2	neurobeac	ENSG00000149.06035	2.13812	0.90125	2.372395
ENSG0000016451	SH3BGR1	SH3 domai	ENSG00000172.71003	1.795961	0.7575	2.370904
ENSG0000018832	CD84	CD84 mole	ENSG00000129.2092	2.794699	1.178805	2.370791
ENSG0000011879	EBF1	EBF transcr	ENSG00000133.40647	-3.01443	1.271611	-2.37056
ENSG000001225630			ENSG000001155.3204	-1.64385	0.694216	-2.36792
ENSG0000014615	MYD88	MYD88, inr	ENSG00000126.77248	2.596769	1.100566	2.359485
ENSG00000111031	RAB31	RAB31, me	ENSG00000160.08703	1.949725	0.8265	2.359013
ENSG0000012359	FPR3	formyl pep	ENSG00000119.0968	3.132742	1.329365	2.35657
ENSG00000154625	PARP14	poly(ADP-r	ENSG000001198.4929	1.421909	0.60354	2.355947
ENSG00000130061	SLC40A1	solute carr	ENSG00000199.01536	1.648736	0.699936	2.355553
ENSG00000185461	TANC1	tetratricop	ENSG000001245.2399	-1.43159	0.607811	-2.35533
ENSG000001100507421	TMEM178	transmem	ENSG000001180.0067	-1.48415	0.630753	-2.35299
ENSG000001610	HCN2	hyperpolar	ENSG00000113.77138	-5.8448	2.485371	-2.35168
ENSG0000011948	EFNB2	ephrin B2	ENSG00000128.20988	-3.37161	1.434049	-2.35111
ENSG0000013937	LCP2	lymphocyt	ENSG00000135.78135	2.528351	1.076507	2.348662
ENSG00000157553	MICAL3	microtubul	ENSG000001139.9366	-1.57257	0.67	-2.34712
ENSG00000127284	SULT1B1	sulfotransf	ENSG00000116.71018	3.15619	1.345352	2.345996

ENSG0000I	ENSG00000237973			ENSG0000I	61.53266	-2.2487	0.959359	-2.34396
ENSG0000I	ENSG0000I 23224	SYNE2	spectrin re	ENSG0000I	725.1518	-1.19552	0.510175	-2.34336
ENSG0000I	ENSG0000I 240	ALOX5	arachidona	ENSG0000I	29.95465	2.64078	1.127478	2.342201
ENSG0000I	ENSG0000I 83699	SH3BGR2	SH3 domai	ENSG0000I	76.0443	1.830341	0.782378	2.339459
ENSG0000I	ENSG0000I 57687	VAT1L	vesicle ami	ENSG0000I	27.13017	3.10677	1.328185	2.339109
ENSG0000I	ENSG0000I 9468	PCYT1B	phosphate	ENSG0000I	6.766228	5.73845	2.454273	2.338146
ENSG0000I	ENSG0000I 473	RERE	arginine-gl	ENSG0000I	238.0367	-1.38127	0.591246	-2.33621
ENSG0000I	ENSG0000I 3433	IFIT2	interferon	ENSG0000I	28.57099	2.57658	1.104466	2.332873
ENSG0000I	ENSG0000I 6401	SELE	selectin E	ENSG0000I	13.81036	-5.84766	2.507086	-2.33245
ENSG0000I	ENSG0000I 9556	ATP5MPL	ATP syntha	ENSG0000I	107.6213	1.609654	0.691409	2.328078
ENSG0000I	ENSG0000I 316	AOX1	aldehyde c	ENSG0000I	58.91194	-2.58286	1.110318	-2.32624
ENSG0000I	ENSG0000I 10507	SEMA4D	semaphori	ENSG0000I	57.25666	1.949789	0.838965	2.324042
ENSG0000I	ENSG0000I 6850	SYK	spleen ass	ENSG0000I	30.86188	2.797332	1.204487	2.322426
ENSG0000I	ENSG0000I 1350	COX7C	cytochrom	ENSG0000I	271.4734	1.31933	0.568258	2.321712
ENSG0000I	ENSG0000I 3071	NCKAP1L	NCK associ	ENSG0000I	36.68858	2.657686	1.144719	2.321693
ENSG0000I	ENSG0000I 64328	XPO4	exportin 4	ENSG0000I	139.3013	1.484638	0.640041	2.319597
ENSG0000I	ENSG0000I 9892	SNAP91	synaptosor	ENSG0000I	11.97067	3.704486	1.600614	2.314415
ENSG0000I	ENSG0000I 841	CASP8	caspase 8	ENSG0000I	20.82259	2.819965	1.222118	2.307441
ENSG0000I	ENSG0000I 57178	ZMIZ1	zinc finger	ENSG0000I	167.1158	-1.48369	0.643404	-2.30599
ENSG0000I	ENSG0000I 92162	TMEM88	transmeml	ENSG0000I	12.67897	-5.72894	2.49421	-2.2969
ENSG0000I	ENSG0000I 10964	IFI44L	interferon	ENSG0000I	49.87851	2.147507	0.937697	2.290192
ENSG0000I	ENSG0000I 25992	SNED1	sushi, nido	ENSG0000I	23.54754	-4.14097	1.809183	-2.28886
ENSG0000I	ENSG0000I 1089	CEACAM4	carcinoeml	ENSG0000I	9.925772	4.387893	1.918455	2.287201
ENSG0000I	ENSG0000I 90134	KCNH7	potassium	ENSG0000I	4.548048	6.709679	2.935863	2.285419
ENSG0000I	ENSG0000I 6374	CXCL5	C-X-C moti	ENSG0000I	4.548048	6.709679	2.935863	2.285419
ENSG0000I	ENSG0000I 202309	GAPT	GRB2 bindi	ENSG0000I	4.548048	6.709679	2.935863	2.285419
ENSG0000I	ENSG00000260035			ENSG0000I	4.548048	6.709679	2.935863	2.285419
ENSG0000I	ENSG00000261471			ENSG0000I	4.548048	6.709679	2.935863	2.285419
ENSG0000I	ENSG0000I 84658	ADGRE3	adhesion C	ENSG0000I	4.548048	6.709679	2.935863	2.285419
ENSG0000I	ENSG0000I 100505746	ITGB2-AS1	ITGB2 anti	ENSG0000I	4.548048	6.709679	2.935863	2.285419
ENSG0000I	ENSG0000I 347731	LRRTM3	leucine ricl	ENSG0000I	12.49418	-5.70892	2.501164	-2.28251
ENSG0000I	ENSG0000I 9050	PSTPIP2	proline-ser	ENSG0000I	16.7944	3.101382	1.359169	2.281822
ENSG0000I	ENSG0000I 4710	NDUFB4	NADH:ubic	ENSG0000I	134.646	1.460777	0.642583	2.27329
ENSG0000I	ENSG0000I 10154	PLXNC1	plexin C1	ENSG0000I	60.56059	2.069299	0.912237	2.268379
ENSG0000I	ENSG0000I 23114	NFASC	neurofascii	ENSG0000I	48.35371	-2.26923	1.000648	-2.26776
ENSG0000I	ENSG0000I 84159	ARID5B	AT-rich int	ENSG0000I	133.5822	-1.55009	0.687206	-2.25564
ENSG0000I	ENSG0000I 6812	STXBP1	syntaxin bi	ENSG0000I	39.54194	-2.4809	1.100196	-2.25497
ENSG0000I	ENSG0000I 79958	DENND1C	DENN dom	ENSG0000I	10.78291	4.172551	1.852831	2.251986
ENSG0000I	ENSG00000211459			ENSG0000I	596054.9	-1.29262	0.574327	-2.25067
ENSG0000I	ENSG0000I 326624	RAB37	RAB37, me	ENSG0000I	11.23672	3.734273	1.661137	2.248022
ENSG0000I	ENSG00000240869			ENSG0000I	19.16991	2.82275	1.258314	2.24328
ENSG0000I	ENSG0000I 9446	GSTO1	glutathion	ENSG0000I	86.86919	1.621837	0.723809	2.240699
ENSG0000I	ENSG0000I 56103	PCDHGB2	protocadh	ENSG0000I	31.83762	-2.94202	1.313555	-2.23974
ENSG0000I	ENSG0000I 10052	GJC1	gap junctio	ENSG0000I	35.05811	-2.6413	1.18078	-2.23691
ENSG0000I	ENSG0000I 4671	NAIP	NLR family	ENSG0000I	15.87566	3.154478	1.411018	2.235604
ENSG0000I	ENSG0000I 57538	ALPK3	alpha kina	ENSG0000I	532.3699	-1.24137	0.555279	-2.23558
ENSG0000I	ENSG0000I 221935	SDK1	sidekick ce	ENSG0000I	11.84929	-5.63057	2.521244	-2.23325

ENSG0000014509	ATP8	ATP synthase	ENSG000001062.26	-1.35029	0.60498	-2.23196
ENSG00000128231	SLCO4A1	solute carrier	ENSG00000134.81172	-2.63085	1.178775	-2.23185
ENSG000001165	AEBP1	AE binding protein	ENSG00000152.19894	-2.17875	0.976318	-2.23159
ENSG0000011436	CSF1R	colony stimulating factor 1 receptor	ENSG00000143.18317	2.260103	1.013535	2.229921
ENSG0000010210196			ENSG000001523.1726	1.313308	0.589007	2.229698
ENSG00000184959	UBASH3B	ubiquitin-associated serine/threonine kinase 3B	ENSG00000112.15546	3.590564	1.611759	2.22773
ENSG00000126191	PTPN22	protein tyrosine phosphatase 22	ENSG00000111.64005	4.007989	1.800041	2.22661
ENSG00000156111	PCDHGA4	protocadherin A4	ENSG00000130.44101	-2.87107	1.29048	-2.22481
ENSG0000013107	HLA-C	major histocompatibility complex class I C	ENSG000001264.5108	1.27545	0.574788	2.218993
ENSG0000015176	SERPINF1	serpin family F member 1	ENSG000001141.4878	-1.59246	0.717801	-2.21853
ENSG0000011282	COL4A1	collagen type IV alpha 1 chain	ENSG000001360.3477	-1.23775	0.557967	-2.21833
ENSG00000151571	FAM49B	family with sequence similarity 49B	ENSG00000141.13867	2.076395	0.936056	2.218238
ENSG00000111170	FAM107A	family with sequence similarity 107A	ENSG000001292.7484	-1.46621	0.661043	-2.21803
ENSG000001259173	ALS2CL	ALS2 C-terminal domain	ENSG00000168.76787	-1.96498	0.887244	-2.2147
ENSG000001117289	TAGAP	T cell activation-induced gene 1	ENSG00000114.22298	3.202989	1.448342	2.211487
ENSG00000154331	GNG2	G protein subunit gamma 2	ENSG00000116.20628	3.00965	1.362789	2.20845
ENSG00000183442	SH3BGL3	SH3 domain-binding protein 3	ENSG00000150.8871	1.904221	0.863205	2.205989
ENSG00000123352	UBR4	ubiquitin-protein ligase 4	ENSG000001438.9346	-1.18182	0.536549	-2.20262
ENSG0000018613	PLPP3	phospholipase 3	ENSG000001193.2866	-1.37853	0.626443	-2.20056
ENSG00000160	ACTB	actin beta	ENSG0000011146.017	1.091698	0.496282	2.199751
ENSG0000010267934			ENSG00000111.31126	-5.56397	2.539024	-2.19138
ENSG00000155196	KIAA1551	KIAA1551	ENSG000001153.3735	1.440149	0.658598	2.18669
ENSG0000019590	AKAP12	A-kinase anchoring protein 12	ENSG000001180.0654	-1.40477	0.643607	-2.18266
ENSG00000170	ACTC1	actin, alpha 1	ENSG0000013398.608	1.06471	0.487988	2.181836
ENSG0000010252396			ENSG00000111.18806	-5.54905	2.54347	-2.18168
ENSG0000013101	HK3	hexokinase 3	ENSG00000115.54505	3.3169	1.520621	2.18128
ENSG00000123371	TNS2	tensin 2	ENSG000001180.0757	-1.48653	0.682064	-2.17946
ENSG000001109616976	SNORA79B	small nucleolar RNA 79B	ENSG00000139.60918	2.036194	0.934592	2.1787
ENSG00000194240	EPSTI1	epithelial protein tyrosine phosphatase 1	ENSG00000119.19254	2.801181	1.28601	2.178195
ENSG00000183857	TMTC1	transmembrane protein 1	ENSG000001190.1755	-1.38535	0.636152	-2.1777
ENSG0000018490	RGS5	regulator of G-protein signaling 5	ENSG000001933.3268	-1.18439	0.543913	-2.17754
ENSG00000179443	FYCO1	FYVE and coiled-coil domain containing 1	ENSG000001423.1998	-1.31418	0.603553	-2.17741
ENSG000001100506035	LINC00989	long intergenic non-coding RNA 989	ENSG0000019.276051	4.28337	1.968816	2.175607
ENSG00000179930	DOK3	docking protein 3	ENSG0000019.276051	4.28337	1.968816	2.175607
ENSG00000184174	SLA2	Src like adaptor protein 2	ENSG0000018.749525	4.041266	1.857704	2.175409
ENSG0000011003	CDH5	cadherin 5	ENSG000001170.0405	-1.38672	0.637536	-2.17513
ENSG00000123037	PDZD2	PDZ domain containing 2	ENSG000001272.9936	-1.24951	0.575706	-2.1704
ENSG00000179887	PLBD1	phospholipase D1	ENSG00000136.26968	2.093932	0.965104	2.169645
ENSG0000011439	CSF2RB	colony stimulating factor 2 receptor beta	ENSG00000124.68862	2.670021	1.232192	2.166887
ENSG0000011778	DYNC1H1	dynein cytoplasmic 1 heavy chain 1	ENSG0000011105.658	-1.11571	0.515369	-2.16487
ENSG00000110673	TNFSF13B	TNF superfamily member 13B	ENSG00000112.11649	3.560644	1.645779	2.163501
ENSG0000016789	STK4	serine/threonine kinase 4	ENSG00000173.60274	1.689484	0.781098	2.16296
ENSG000001128346	C1orf162	chromosome 1 open reading frame 162	ENSG00000124.43111	2.53198	1.170751	2.162698
ENSG0000013034	HAL	histidine aminotransferase-like	ENSG00000110.40221	3.766708	1.741877	2.162443
ENSG0000013561	IL2RG	interleukin 2 receptor gamma	ENSG00000110.40221	3.766708	1.741877	2.162443
ENSG000001514	ATP5F1E	ATP synthase F1 epsilon subunit	ENSG000001145.8378	1.380483	0.638607	2.161709
ENSG0000015054	SERPINE1	serpin family E member 1	ENSG00000154.93163	1.903321	0.881041	2.160309

ENSG00000179668	PARP8	poly(ADP-r	ENSG00000143.02139	2.076119	0.961212	2.159896
ENSG0000012947	GSTM3	glutathione	ENSG00000194.71854	1.5689	0.726973	2.158127
ENSG0000019791	PTDSS1	phosphatic	ENSG000001185.3724	1.291307	0.598529	2.157469
ENSG0000019848	MFAP3L	microfibril	ENSG00000120.62668	2.6374	1.222506	2.157372
ENSG0000018436	CAVIN2	caveolae a	ENSG000001273.4488	1.35429	0.627837	2.157071
ENSG00000191653	BOC	BOC cell ac	ENSG00000111.0259	-5.53076	2.564397	-2.15675
ENSG0000015908	RAP1B	RAP1B, me	ENSG00000176.33149	1.658965	0.769366	2.156276
ENSG000001100506866	TTN-AS1	TTN antise	ENSG00000188.39354	-1.715	0.796549	-2.15304
ENSG00000155784	MCTP2	multiple C	ENSG00000117.73576	3.02928	1.408904	2.150096
ENSG0000015330	PLCB2	phospholip	ENSG00000122.17879	2.660653	1.237642	2.149776
ENSG00000151312	SLC25A37	solute carr	ENSG000001108.5534	1.470799	0.684257	2.149483
ENSG00000122797	TFEC	transcripti	ENSG00000115.22594	3.080946	1.433502	2.149244
ENSG0000011347	COX7A2	cytochrom	ENSG00000195.25801	1.505438	0.700691	2.148506
ENSG00000164092	SAMSN1	SAM doma	ENSG00000113.24264	3.306202	1.539364	2.147771
ENSG00000110333	TLR6	toll like rec	ENSG00000118.00478	2.925133	1.36266	2.146634
ENSG00000151778	MYOZ2	myozenin 2	ENSG000001863.977	1.196757	0.557719	2.145807
ENSG0000015784	PTPN14	protein tyr	ENSG00000199.61103	-1.57755	0.735458	-2.14499
ENSG0000012036	EPB41L1	erythrocyt	ENSG00000133.17499	-2.55555	1.192343	-2.1433
ENSG0000012878	GPX3	glutathione	ENSG000001869.3354	-1.29921	0.606325	-2.14276
ENSG0000011028	CDKN1C	cyclin depe	ENSG00000120.72162	-3.94765	1.842368	-2.1427
ENSG0000017037	TFRC	transferrin	ENSG000001103.8539	1.474988	0.688986	2.140811
ENSG0000012634	GBP2	guanylate l	ENSG00000181.17824	1.58447	0.740516	2.139684
ENSG0000018503	PIK3R3	phosphoin	ENSG00000185.33405	-1.74773	0.817483	-2.13794
ENSG00000111118	BTN3A2	butyrophili	ENSG00000147.90084	1.905097	0.892365	2.134886
ENSG0000016876	TAGLN	transgelin	ENSG00000173.65372	-1.82934	0.85718	-2.13414
ENSG000001140710	SOGA1	suppressor	ENSG000001112.9831	-1.50808	0.706747	-2.13384
ENSG0000012977	GUCY1A2	guanylate c	ENSG000001130.1879	-1.44959	0.679346	-2.1338
ENSG0000018988	HSPB3	heat shock	ENSG000001125.4313	1.563282	0.73284	2.133181
ENSG00000157608	JCAD	junctional c	ENSG000001162.7422	-1.39478	0.654069	-2.13247
ENSG00000157139	RGL3	ral guanine	ENSG00000110.67266	-5.4831	2.571774	-2.13203
ENSG00000179993	ELOVL7	ELOVL fatt	ENSG00000111.58996	3.395475	1.593209	2.131218
ENSG00000127151	CPAMD8	C3 and PZF	ENSG00000128.80429	-2.78582	1.307196	-2.13114
ENSG00000156919	DHX33	DEAH-box	ENSG00000110.56581	-5.4659	2.567435	-2.12893
ENSG00000180896	NPL	N-acetylne	ENSG00000121.32165	2.662215	1.251207	2.127718
ENSG00000130	ACAA1	acetyl-CoA	ENSG00000134.53015	-2.61546	1.230305	-2.12587
ENSG00000156105	PCDHGA11	protocadhe	ENSG00000124.71894	-3.17471	1.494539	-2.12421
ENSG00000154809	SAMD9	sterile alph	ENSG00000140.27041	1.967142	0.926209	2.123864
ENSG00000184833	ATP5MD	ATP syntha	ENSG00000169.45659	1.632537	0.7688	2.123487
ENSG0000012557	GABRA4	gamma-arr	ENSG00000142.36055	1.949938	0.919752	2.120069
ENSG0000019231	DLG5	discs large	ENSG00000124.06778	-3.13089	1.479531	-2.11614
ENSG000001976	ADGRE5	adhesion C	ENSG00000136.70714	2.036201	0.962456	2.115631
ENSG0000016195	RPS6KA1	ribosomal	ENSG00000121.95987	2.964151	1.403106	2.112564
ENSG0000013020	H3F3A	H3 histone	ENSG00000149.86295	1.818415	0.861057	2.111841
ENSG00000123550	PSD4	pleckstrin	ENSG00000119.73057	2.635017	1.248859	2.109939
ENSG000001130827	TMEM182	transmembr	ENSG000001168.6472	1.433464	0.6815	2.103395
ENSG0000016892	TAPBP	TAP bindin	ENSG000001171.103	1.291949	0.615042	2.100588
ENSG000001197815			ENSG00000110.27417	-5.42413	2.582856	-2.10005

ENSG0000016688	SPI1	Spi-1 proto	ENSG0000014.03819	3.287477	1.572131	2.091096
ENSG000001100128731	OST4	oligosacch	ENSG00000144.20954	1.871061	0.895061	2.090428
ENSG0000011298	COL9A2	collagen ty	ENSG0000013.898327	6.48728	3.112128	2.084516
ENSG00000179865	TREML2	triggering r	ENSG0000013.898327	6.48728	3.112128	2.084516
ENSG0000010265206			ENSG0000013.898327	6.48728	3.112128	2.084516
ENSG0000010225528			ENSG0000013.898327	6.48728	3.112128	2.084516
ENSG000001100507006	LOC100507	uncharacte	ENSG0000015.405188	5.493475	2.637084	2.083163
ENSG000001917	CD3G	CD3g mole	ENSG0000015.405188	5.493475	2.637084	2.083163
ENSG000001347273	CAVIN4	caveolae a	ENSG00000168.57538	1.685804	0.809396	2.082793
ENSG00000110580	SORBS1	sorbin and	ENSG0000012033.759	-1.04948	0.503904	-2.08271
ENSG00000110763	NES	nestin	ENSG000001394.4276	1.138308	0.54674	2.081992
ENSG0000014185	ADAM11	ADAM met	ENSG00000120.11571	-3.9013	1.874935	-2.08076
ENSG00000123075	SWAP70	switching E	ENSG00000173.01747	-1.69867	0.816852	-2.07954
ENSG00000123569	PADI4	peptidyl ar	ENSG00000111.71316	3.326522	1.600398	2.07856
ENSG00000179168	LILRA6	leukocyte i	ENSG00000111.71316	3.326522	1.600398	2.07856
ENSG0000014430	MYO1B	myosin IB	ENSG00000176.56478	-1.66987	0.8034	-2.07851
ENSG0000013676	ITGA4	integrin su	ENSG00000117.08604	2.962709	1.428033	2.074678
ENSG0000013796	KIF2A	kinesin far	ENSG00000150.52418	1.76815	0.853188	2.072403
ENSG00000191300	R3HDM4	R3H domai	ENSG00000126.69493	2.259534	1.09129	2.070516
ENSG0000014778	NFE2	nuclear fac	ENSG0000016.323926	4.62851	2.237242	2.068846
ENSG0000011622	DBI	diazepam b	ENSG000001165.0953	1.272954	0.615958	2.066625
ENSG0000012920	CXCL2	C-X-C moti	ENSG00000120.07294	-3.90615	1.891559	-2.06504
ENSG000001202	CRYBG1	crystallin b	ENSG00000129.82701	2.194815	1.063326	2.064104
ENSG00000190441	ZNF622	zinc finger	ENSG00000162.78387	1.646645	0.798571	2.061989
ENSG00000180227	PAAF1	proteasom	ENSG0000019.820356	-5.36068	2.600049	-2.06176
ENSG00000110060	ABCC9	ATP bindin	ENSG000001279.8199	-1.17685	0.571465	-2.05936
ENSG0000011956	EGFR	epidermal	ENSG00000198.03211	-1.55174	0.754007	-2.05799
ENSG00000155350	VNN3	vanin 3	ENSG0000015.466786	5.408882	2.628627	2.057683
ENSG00000110636	RGS14	regulator c	ENSG0000017.181066	4.232474	2.058354	2.056242
ENSG000001253018	HCG27	HLA compl	ENSG0000017.181066	4.232474	2.058354	2.056242
ENSG0000018328	GFI1B	growth fac	ENSG0000017.181066	4.232474	2.058354	2.056242
ENSG0000012674	GFRA1	GDNF fami	ENSG00000136.54143	-2.71167	1.319928	-2.05441
ENSG0000013108	HLA-DMA	major histc	ENSG00000129.6923	2.363018	1.150509	2.05389
ENSG00000122806	IKZF3	IKAROS far	ENSG00000116.81703	3.075648	1.497545	2.053793
ENSG000001256435	ST6GALNA	ST6 N-acet	ENSG00000123.07594	-3.06768	1.494456	-2.05271
ENSG00000179990	PLEKHH3	pleckstrin l	ENSG0000019.736133	-5.34701	2.605476	-2.05222
ENSG000001285556	C4orf54	chromosor	ENSG00000112.59292	3.219438	1.569137	2.051725
ENSG0000012028	ENPEP	glutamyl a	ENSG00000132.46223	-2.51937	1.228576	-2.05064
ENSG00000158476	TP53INP2	tumor prot	ENSG000001170.9592	-1.60972	0.785357	-2.04966
ENSG0000014952	OCRL	OCRL, inos	ENSG00000131.47667	-2.47319	1.206898	-2.04921
ENSG00000165268	WNK2	WNK lysine	ENSG000001147.9551	-1.50859	0.736299	-2.04889
ENSG00000129796	UQCR10	ubiquinol-c	ENSG00000178.38829	1.515801	0.739859	2.04877
ENSG0000016813	STXBP2	syntaxin bi	ENSG0000018.895346	3.79696	1.853962	2.048025
ENSG000001383	ARG1	arginase 1	ENSG0000018.099804	3.915367	1.911856	2.04794
ENSG000001146894	CD300LG	CD300 mol	ENSG00000123.62404	-3.0993	1.514384	-2.04657
ENSG000001920	CD4	CD4 molec	ENSG00000125.31087	2.524848	1.235718	2.043222
ENSG00000183666	PARP9	poly(ADP-r	ENSG00000192.30654	1.569982	0.768533	2.042828

ENSG0000013127	HLA-DRB5	major histc	ENSG00000122.43669	2.394951	1.173658	2.040587
ENSG0000011410	CRYAB	crystallin a	ENSG0000012149.577	1.025943	0.503042	2.039479
ENSG00000164122	FN3K	fructosami	ENSG00000118.79953	-3.80451	1.867649	-2.03706
ENSG000001123041	SLC24A4	solute carr	ENSG0000019.018542	3.692599	1.813466	2.03621
ENSG00000163940	GPSM3	G protein s	ENSG00000118.1506	2.86633	1.408839	2.034533
ENSG000001126669	SHE	Src homolc	ENSG00000150.75564	-1.93976	0.954002	-2.03329
ENSG000001867	CBL	Cbl proto-c	ENSG00000174.92559	1.523337	0.749974	2.031187
ENSG00000110192728C	LINC02208	long interg	ENSG00000118.75428	-3.79903	1.871017	-2.03046
ENSG0000013111	HLA-DOA	major histc	ENSG00000115.10275	3.132259	1.543109	2.029836
ENSG0000012317	FLNB	filamin B	ENSG000001161.7789	-1.30084	0.640902	-2.02969
ENSG000001775	CACNA1C	calcium vo	ENSG000001232.4458	-1.25497	0.618632	-2.02861
ENSG0000013987	LIMS1	LIM zinc fir	ENSG000001115.8791	1.351228	0.666122	2.028499
ENSG0000016238	RRBP1	ribosome k	ENSG000001115.5208	-1.41935	0.699883	-2.02799
ENSG000001388115	CCDC9B	coiled-coil	ENSG000001119.2718	-1.41478	0.697853	-2.02734
ENSG0000016737	TRIM21	tripartite n	ENSG00000120.3302	2.472036	1.220119	2.026062
ENSG0000011952	CELSR2	cadherin E	ENSG00000122.67745	-3.03905	1.500913	-2.0248
ENSG0000019056	SLC7A7	solute carr	ENSG00000114.84524	2.879981	1.42518	2.020784
ENSG0000012123	EVI2A	ecotropic v	ENSG0000017.242664	4.155284	2.056874	2.020193
ENSG0000017010	TEK	TEK recept	ENSG000001102.9658	-1.48526	0.735224	-2.02014
ENSG00000123164	MPRIIP	myosin ph	ENSG000001292.9017	-1.16868	0.578892	-2.01883
ENSG000001284759	SIRPB2	signal regu	ENSG00000114.24561	3.166502	1.569878	2.017037
ENSG0000017096	TLR1	toll like rec	ENSG00000122.3747	2.836412	1.406306	2.016924
ENSG00000110075	HUWE1	HECT, UBA	ENSG000001668.058	-1.06771	0.529749	-2.01549
ENSG00000126037	SIPA1L1	signal indu	ENSG00000138.94834	1.900072	0.944007	2.012773
ENSG0000015641	LGMN	legumain	ENSG000001116.0475	1.345923	0.669632	2.009946
ENSG00000179603	CERS4	ceramide s	ENSG0000019.282322	-5.28001	2.627289	-2.00968
ENSG0000011012	CDH13	cadherin 1:	ENSG000001238.5074	1.165366	0.580008	2.009224
ENSG0000014481	MSR1	macrophag	ENSG00000142.06368	2.073821	1.032932	2.007703
ENSG00000111010	GLIPR1	GLI pathog	ENSG00000120.08381	2.527863	1.259191	2.007529
ENSG0000013001	GZMA	granzyme /	ENSG0000016.262328	4.736355	2.360135	2.006816
ENSG0000010270110			ENSG0000019.259697	-5.27464	2.629115	-2.00624
ENSG00000110611	PDLIM5	PDZ and LI	ENSG0000011030.155	0.989897	0.493734	2.004919
ENSG0000014261	CIITA	class II maj	ENSG00000137.75536	2.019886	1.009175	2.001523
ENSG0000018334	HIST1H2AC	histone clu	ENSG00000142.15837	1.882165	0.940824	2.000549
ENSG000001474170	LRRC37A2	leucine ricl	ENSG0000019.360268	-5.28746	2.643569	-2.00012
ENSG00000110092	ARPC5	actin relat	ENSG00000176.45024	1.501891	0.751128	1.999516
ENSG0000012353	FOS	Fos proto-c	ENSG00000151.20317	-1.95289	0.977821	-1.99718
ENSG0000017026	NR2F2	nuclear rec	ENSG00000126.62953	-2.66436	1.334226	-1.99693
ENSG0000013959	LGALS3BP	galectin 3 k	ENSG000001270.7509	1.119439	0.561673	1.993043
ENSG0000015596	MAPK4	mitogen-ac	ENSG00000137.82478	-2.4077	1.208283	-1.99266
ENSG00000110085	EDIL3	EGF like re	ENSG00000134.99756	-2.29118	1.150195	-1.99199
ENSG00000184952	CGNL1	cingulin lik	ENSG00000193.93215	1.468156	0.737116	1.991757
ENSG0000019019	MPZL1	myelin pro	ENSG00000181.06601	-1.56921	0.787873	-1.99171
ENSG0000010210144			ENSG00000122.77215	2.540763	1.276059	1.991102
ENSG0000010237550			ENSG00000112.53133	3.251712	1.633945	1.990098
ENSG00000180243	PREX2	phosphatic	ENSG00000180.68386	-1.56036	0.78424	-1.98965
ENSG0000014092	SMAD7	SMAD fam	ENSG00000134.73233	-2.27483	1.144113	-1.98829

ENSG00000156100	PCDHGB6	protocadherin 6	ENSG00000156100	26.33788	-2.64669	1.332854	-1.98573
ENSG00000155114	ARHGAP17	Rho GTPase 17	ENSG00000155114	73.79667	-1.60908	0.81151	-1.98282
ENSG00000111069	RAPGEF4	Rap guanine nucleotide exchange factor 4	ENSG00000111069	18.0151	-3.74225	1.887835	-1.9823
ENSG00000129906	ST8SIA5	ST8 alpha-1 sialyltransferase 5	ENSG00000129906	9.013305	-5.23792	2.642418	-1.98224
ENSG0000014088	SMAD3	SMAD family member 3	ENSG0000014088	73.62822	-1.60495	0.810397	-1.98044
ENSG0000014599	MX1	MX domain protein 1	ENSG0000014599	34.03515	2.002949	1.011574	1.980033
ENSG00000110192	LOC101923737	uncharacterized protein	ENSG00000110192	9.337642	-5.28243	2.671859	-1.97706
ENSG00000110087	CACNA1C-1	CACNA1C isoform 1	ENSG00000110087	9.120154	-5.25793	2.660193	-1.97652
ENSG0000010942	CD86	CD86 molecule	ENSG0000010942	11.67419	3.305666	1.672703	1.976243
ENSG00000110734	STAG3	stromal associated protein 3	ENSG00000110734	9.460838	-5.30068	2.687498	-1.97235
ENSG00000110497	UNC13B	unc-13 homolog B	ENSG00000110497	103.3817	-1.42349	0.721934	-1.97177
ENSG00000123704	KCNE4	potassium channel subunit epsilon 4	ENSG00000123704	8.968055	-5.22686	2.652636	-1.97044
ENSG00000154510	PCDH18	protocadherin 18	ENSG00000154510	30.51373	-2.42745	1.232101	-1.97017
ENSG0000013643	INSR	insulin receptor	ENSG0000013643	291.1438	-1.11578	0.567499	-1.96613
ENSG00000125987	TSKU	tsukushi, scavenger	ENSG00000125987	18.02517	-3.73773	1.901228	-1.96596
ENSG000001286133	SCARA5	scavenger receptor class A type 5	ENSG000001286133	86.66344	-1.50288	0.764888	-1.96484
ENSG00000111025	LILRB3	leukocyte immunoglobulin-like receptor B3	ENSG00000111025	20.29123	2.47043	1.257694	1.964254
ENSG00000123328	SASH1	SAM and SH2 domain containing protein 1	ENSG00000123328	119.4099	-1.3577	0.691776	-1.96263
ENSG000001340348	TSPAN33	tetraspanin 33	ENSG000001340348	26.5087	2.492139	1.27048	1.961573
ENSG0000012355	FOSL2	FOS like 2, leukemia associated	ENSG0000012355	221.5118	-1.16983	0.597309	-1.95849
ENSG00000164344	HIF3A	hypoxia inducible factor 3 alpha	ENSG00000164344	113.7797	-1.39448	0.713062	-1.95562
ENSG0000014862	NPAS2	neuronal PAS domain protein 2	ENSG0000014862	33.74677	-2.23129	1.141239	-1.95515
ENSG000001375449	MAST4	microtubule associated protein 4	ENSG000001375449	251.3734	-1.15306	0.59014	-1.95388
ENSG00000157101	ANO2	anoctamin 2	ENSG00000157101	33.85362	-2.23722	1.145505	-1.95304
ENSG00000111076	TPPP	tubulin polymerization promoting protein	ENSG00000111076	31.8779	-2.93574	1.503289	-1.95288
ENSG0000019595	CYTIP	cytohesin 1	ENSG0000019595	14.45302	3.055029	1.568084	1.948256
ENSG00000128969	BZW2	basic leucine zipper protein 2	ENSG00000128969	178.8626	1.197712	0.615288	1.946587
ENSG0000010279041			ENSG0000010279041	8.851137	-5.21513	2.68076	-1.94539
ENSG00000179572	ATP13A3	ATPase 13A3	ENSG00000179572	195.0503	1.172329	0.602803	1.944797
ENSG0000019510	ADAMTS1	ADAM metallopeptidase with thrombospondin type 1 motifs 1	ENSG0000019510	132.3772	-1.31907	0.678441	-1.94426
ENSG0000015335	PLCG1	phospholipase C gamma 1	ENSG0000015335	86.00849	-1.49071	0.767075	-1.94337
ENSG00000184808	PERM1	PPARGC1 alpha	ENSG00000184808	78.48334	-1.8152	0.936755	-1.93775
ENSG0000016854	SYN2	synapsin II	ENSG0000016854	8.621093	-5.17524	2.672104	-1.93677
ENSG00000126960	NBEA	neurobeachin	ENSG00000126960	131.6081	-1.35991	0.702607	-1.93552
ENSG00000164115	VSIR	V-set immunoglobulin domain containing protein	ENSG00000164115	108.9849	1.388572	0.717415	1.93552
ENSG0000012537	IFI6	interferon inducible protein 6	ENSG0000012537	41.57024	1.841902	0.951897	1.93498
ENSG00000155260	TMEM143	transmembrane protein 143	ENSG00000155260	29.85629	-2.38849	1.235119	-1.93381
ENSG0000016277	S100A6	S100 calcium binding protein A6	ENSG0000016277	190.4814	1.184098	0.612568	1.933006
ENSG0000017753	ZNF202	zinc finger protein 202	ENSG0000017753	8.53687	-5.15971	2.670164	-1.93236
ENSG00000183878	USHBP1	USH1 protein binding protein 1	ENSG00000183878	8.53687	-5.15971	2.670164	-1.93236
ENSG00000183869	TTY14	testis-specific protein 14	ENSG00000183869	8.53687	-5.15971	2.670164	-1.93236
ENSG000001167465	ZNF366	zinc finger protein 366	ENSG000001167465	30.10268	-2.40088	1.242633	-1.93209
ENSG0000014854	NOTCH3	notch 3	ENSG0000014854	88.98886	-1.46474	0.758447	-1.93124
ENSG00000164123	ADGRL4	adhesion G protein-coupled receptor 4	ENSG00000164123	68.81377	-1.59973	0.828636	-1.93056
ENSG0000013109	HLA-DMB	major histocompatibility complex class II D-related B	ENSG0000013109	19.10347	2.554605	1.324861	1.928206
ENSG0000014717	NDUFC1	NADH:ubiquinone oxidoreductase core 1	ENSG0000014717	65.24399	1.51144	0.784402	1.926868
ENSG00000165997	RASL11B	RAS like family class B member 11B	ENSG00000165997	4.755467	5.302365	2.753584	1.925623

ENSG0000026829	RNU5E-1	RNA, USE s	ENSG000008245625	3.672704	1.908289	1.924606
ENSG00000349160	LOC349160	uncharacte	ENSG000008475272	-5.14985	2.676215	-1.9243
ENSG0000083593	RASSF5	Ras associa	ENSG0000025.21069	2.185912	1.13615	1.923964
ENSG000005027	P2RX7	purinergic	ENSG0000011.40517	3.511783	1.825877	1.923341
ENSG0000010984	KCNQ1OT1	KCNQ1 opf	ENSG00000131.809	-1.31317	0.683018	-1.9226
ENSG000004134	MAP4	microtubul	ENSG000001978.769	-0.94753	0.493143	-1.92141
ENSG0000010135	NAMPT	nicotinami	ENSG00000406.3621	1.112191	0.579226	1.920134
ENSG0000084532	ACSS1	acyl-CoA s	ENSG00000124.7188	-1.48828	0.77539	-1.9194
ENSG00000389558	FAM180A	family with	ENSG000008.727941	-5.19588	2.707593	-1.919
ENSG00000145447	ABHD12B	abhydrolas	ENSG000005.674205	4.458022	2.323588	1.918594
ENSG00000116931	MED12L	mediator c	ENSG0000011.27086	3.074987	1.603608	1.917544
ENSG000001734	DIO2	iodothyron	ENSG0000030.33614	2.135135	1.113712	1.917134
ENSG0000023013	SPEN	spen famili	ENSG00000173.3268	-1.22602	0.639606	-1.91684
ENSG000007903	ST8SIA4	ST8 alpha-I	ENSG0000026.76803	2.088384	1.089547	1.916746
ENSG0000065124	SOWAHC	sosondowa	ENSG000008.497897	-5.15561	2.6903	-1.91637
ENSG00000226074			ENSG000008.413674	-5.13992	2.683346	-1.91549
ENSG000006925	TCF4	transcripti	ENSG00000197.1835	-1.17611	0.614131	-1.91508
ENSG0000023401	FRAT2	FRAT2, W	ENSG0000018.70014	2.42745	1.268141	1.914179
ENSG0000088	ACTN2	actinin alp	ENSG000001760.222	-1.00929	0.527303	-1.91407
ENSG000002512	FTL	ferritin ligh	ENSG00000751.0753	1.13406	0.59306	1.912217
ENSG000005199	CFP	compleme	ENSG000008.368821	3.566236	1.8661	1.911064
ENSG000009314	KLF4	Kruppel lik	ENSG0000045.45848	-1.95075	1.020944	-1.91074
ENSG0000081622	UNC93B1	unc-93 hor	ENSG0000010.2063	3.288123	1.722032	1.909443
ENSG000008547	FCN3	ficolin 3	ENSG0000020.9854	-2.92306	1.531727	-1.90834
ENSG00000283742	FAM98B	family with	ENSG0000016.78694	-3.63334	1.90593	-1.90634
ENSG000003480	IGF1R	insulin like	ENSG00000142.7512	-1.2572	0.659664	-1.90582
ENSG0000051704	GPRC5B	G protein-c	ENSG0000084.85827	-1.46683	0.770173	-1.90455
ENSG00000518	ATP5MC3	ATP syntha	ENSG00000229.936	1.116024	0.586665	1.902318
ENSG0000064432	MRPS25	mitochond	ENSG0000071.64453	-1.55956	0.819924	-1.90208
ENSG0000023175	LPIN1	lipin 1	ENSG0000091.11314	-1.4259	0.749885	-1.90149
ENSG0000010057	ABCC5	ATP bindin	ENSG00000113.7657	-1.33253	0.700787	-1.90148
ENSG00000182	JAG1	jagged 1	ENSG0000091.20364	-1.42824	0.751358	-1.90087
ENSG000007462	LAT2	linker for a	ENSG0000010.22892	3.225886	1.697342	1.900552
ENSG00000925	CD8A	CD8a mole	ENSG000004.817065	5.211359	2.743643	1.89943
ENSG00000281162			ENSG000004.817065	5.211359	2.743643	1.89943
ENSG00000171389	NLRP6	NLR family	ENSG000004.817065	5.211359	2.743643	1.89943
ENSG0000051266	CLEC1B	C-type lect	ENSG000004.817065	5.211359	2.743643	1.89943
ENSG00000972	CD74	CD74 mole	ENSG00000651.1507	2.61805	1.381335	1.895303
ENSG000007173	TPO	thyroid per	ENSG0000020.77799	-2.9077	1.534427	-1.89497
ENSG000005860	QDPR	quinoid di	ENSG0000016.64112	-3.61978	1.910839	-1.89434
ENSG0000079034	C7orf26	chromosor	ENSG000008.206255	-5.10372	2.695212	-1.89362
ENSG00000401494	HACD4	3-hydroxy	ENSG0000018.88494	2.384514	1.260689	1.891436
ENSG00000419	ART3	ADP-ribosy	ENSG00000104.2542	1.350046	0.714895	1.888453
ENSG000008720	MBTPS1	membrane	ENSG00000145.4462	-1.24428	0.659954	-1.8854
ENSG00000348093	RBPM52	RNA bindir	ENSG0000057.63761	-1.67552	0.889508	-1.88365
ENSG000005793	PTPRG	protein tyr	ENSG00000169.5681	-1.1866	0.630578	-1.88176
ENSG000003911	LAMA5	laminin su	ENSG0000054.89356	-1.74197	0.926184	-1.8808

ENSG0000015023	P2RX1	purinergic	ENSG0000015023	6.592943	4.001662	2.129527	1.879132
ENSG0000014609	MYC	MYC proto	ENSG0000014609	33.6135	-2.22789	1.185876	-1.87869
ENSG00000123780	APOL2	apolipopro	ENSG00000123780	94.40793	1.334913	0.711341	1.876615
ENSG000001760	CA2	carbonic ar	ENSG000001760	19.92687	2.353542	1.254923	1.875447
ENSG0000017169	TPM2	tropomyos	ENSG0000017169	418.4968	-1.1708	0.624368	-1.87518
ENSG0000018701	DNAH11	dynein axo	ENSG0000018701	8.199977	-5.09588	2.718041	-1.87483
ENSG00000154675	CRLS1	cardiolipin	ENSG00000154675	74.91591	1.418828	0.756949	1.874405
ENSG0000012687	GGT5	gamma-glu	ENSG0000012687	21.49074	-2.96248	1.581145	-1.87363
ENSG000001420	ART4	ADP-ribosy	ENSG000001420	21.03668	2.285794	1.220818	1.872346
ENSG0000011349	COX7B	cytochrom	ENSG0000011349	326.8196	1.052426	0.562295	1.871662
ENSG0000011992	SERPINB1	serpin fam	ENSG0000011992	52.89001	1.593327	0.851986	1.870133
ENSG0000017178	TPT1	tumor prot	ENSG0000017178	792.7642	0.975536	0.522124	1.8684
ENSG0000016282	S100A11	S100 calci	ENSG0000016282	72.64097	1.419696	0.759989	1.868047
ENSG0000010280007			ENSG0000010280007	8.015184	-5.06461	2.711748	-1.86766
ENSG0000012701	GJA4	gap junctio	ENSG0000012701	20.35687	-2.87301	1.538508	-1.8674
ENSG0000015787	PTPRB	protein tyr	ENSG0000015787	209.5988	-1.12944	0.605115	-1.86649
ENSG000001196883	ADCY4	adenylate c	ENSG000001196883	39.96267	-1.96284	1.051795	-1.86618
ENSG000001101241892	NPTN-IT1	NPTN intro	ENSG000001101241892	16.28788	-3.58692	1.922071	-1.86618
ENSG0000019572	NR1D1	nuclear rec	ENSG0000019572	16.22628	-3.58154	1.92133	-1.86409
ENSG0000014133	MAP2	microtubul	ENSG0000014133	24.83442	-2.55057	1.369009	-1.86308
ENSG00000129126	CD274	CD274 mol	ENSG00000129126	30.85299	1.909885	1.025125	1.863075
ENSG00000123180	RFTN1	raftlin, lipi	ENSG00000123180	102.9843	-1.35013	0.724703	-1.86301
ENSG000001149345	SHISA4	shisa famil	ENSG000001149345	77.80055	1.396138	0.74956	1.862611
ENSG0000014123	MAN2C1	mannosida	ENSG0000014123	43.32518	-1.87629	1.007724	-1.86191
ENSG0000013604	TNFRSF9	TNF recept	ENSG0000013604	3.248606	6.224238	3.342968	1.86189
ENSG000001406893	MIR101-1	microRNA	ENSG000001406893	3.248606	6.224238	3.342968	1.86189
ENSG00000157535	KIAA1324	KIAA1324	ENSG00000157535	3.248606	6.224238	3.342968	1.86189
ENSG000001441168	CALHM6	calcium ho	ENSG000001441168	3.248606	6.224238	3.342968	1.86189
ENSG000001154075	SAMD3	sterile alph	ENSG000001154075	3.248606	6.224238	3.342968	1.86189
ENSG000001654816	NCF1B	neutrophil	ENSG000001654816	3.248606	6.224238	3.342968	1.86189
ENSG0000013902	LAG3	lymphocyt	ENSG0000013902	3.248606	6.224238	3.342968	1.86189
ENSG00000100258476			ENSG00000100258476	3.248606	6.224238	3.342968	1.86189
ENSG00000129108	PYCARD	PYD and C/	ENSG00000129108	3.248606	6.224238	3.342968	1.86189
ENSG00000100260078			ENSG00000100260078	3.248606	6.224238	3.342968	1.86189
ENSG000001146225	CMTM2	CKLF like M	ENSG000001146225	3.248606	6.224238	3.342968	1.86189
ENSG0000011084	CEACAM3	carcinoeml	ENSG0000011084	3.248606	6.224238	3.342968	1.86189
ENSG00000156344	CABP5	calcium bir	ENSG00000156344	3.248606	6.224238	3.342968	1.86189
ENSG000001256236	NAPSB	napsin B as	ENSG000001256236	3.248606	6.224238	3.342968	1.86189
ENSG00000100280220			ENSG00000100280220	3.248606	6.224238	3.342968	1.86189
ENSG00000181030	ZBP1	Z-DNA binc	ENSG00000181030	3.248606	6.224238	3.342968	1.86189
ENSG0000013299	HSF4	heat shock	ENSG0000013299	7.891988	-5.04347	2.713144	-1.8589
ENSG00000184941	HSH2D	hematopoi	ENSG00000184941	5.612607	4.570631	2.459161	1.858614
ENSG00000158498	MYL7	myosin lig	ENSG00000158498	149.9079	1.166843	0.627804	1.85861
ENSG00000128996	HIPK2	homeodon	ENSG00000128996	609.543	-1.01533	0.546821	-1.85678
ENSG0000015745	PTH1R	parathyroi	ENSG0000015745	7.853015	-5.03917	2.714299	-1.85653
ENSG0000015698	PSMB9	proteasom	ENSG0000015698	16.26304	2.636656	1.420303	1.856405
ENSG000001388325	SCIMP	SLP adapto	ENSG000001388325	10.16732	3.264443	1.758911	1.855946

ENSG0000025822	DNAJB5	DnaJ heat shock	ENSG00000154542	54.5542	1.555254	0.838806	1.854128
ENSG000001520	CTSS	cathepsin S	ENSG0000011572679	157.2679	3.608107	1.948143	1.852075
ENSG000005569	PKIA	cAMP-dependent	ENSG0000012377352	237.7352	1.096701	0.592811	1.850002
ENSG0000055567	DNAH3	dynein axonemal	ENSG0000017959863	7.959863	-5.06212	2.736658	-1.84975
ENSG00000236304			ENSG0000019494978	9.494978	3.21159	1.738993	1.846811
ENSG0000057685	CACHD1	cache domain	ENSG0000011604776	16.04776	-3.56955	1.932875	-1.84676
ENSG000009057	SLC7A6	solute carrier	ENSG0000013612372	36.12372	-2.0496	1.109896	-1.84666
ENSG000005195	PEX14	peroxisomal	ENSG0000017869363	7.869363	-5.0372	2.730397	-1.84486
ENSG000007145	TNS1	tensin 1	ENSG0000012319051	2319.051	-0.88853	0.481793	-1.84421
ENSG000004707	NDUFB1	NADH:ubiquinone	ENSG0000018627844	86.27844	1.333255	0.723768	1.842103
ENSG00000574406	ADAMTSL4	ADAMTSL4	ENSG0000018514642	8.514642	3.374558	1.832315	1.841691
ENSG00000364	AQP7	aquaporin	ENSG000001161151	161.151	-1.17385	0.637394	-1.84163
ENSG000004223	MEOX2	mesenchymal	ENSG0000011583407	15.83407	-3.54554	1.926227	-1.84067
ENSG0000079776	ZFX4	zinc finger	ENSG0000017729819	7.729819	-5.01765	2.729007	-1.83864
ENSG000005912	RAP2B	RAP2B, member	ENSG0000013847334	38.47334	1.83272	0.997054	1.838135
ENSG0000055619	DOCK10	dedicator of	ENSG0000012036433	20.36433	2.234775	1.215911	1.837943
ENSG00000150684	COMMD1	copper metallo	ENSG0000013087561	30.87561	1.9033	1.035858	1.837414
ENSG000008942	KYNU	kynureninase	ENSG0000018430419	8.430419	3.512828	1.913558	1.835758
ENSG0000025885	POLR1A	RNA polymerase	ENSG0000016293961	62.93961	-1.5652	0.852768	-1.83543
ENSG0000025759	SHC2	SHC adaptor	ENSG0000017684569	7.684569	-5.00471	2.72934	-1.83367
ENSG000009828	ARHGEF17	Rho guanine	ENSG0000018907792	89.07792	-1.38673	0.756362	-1.83343
ENSG0000065009	NDRG4	NDRG family	ENSG0000016875928	687.5928	-0.98823	0.539323	-1.83236
ENSG00000196264	MPZL3	myelin proteo	ENSG0000011153987	11.53987	2.909391	1.588906	1.831065
ENSG0000029992	PILRA	paired immun	ENSG0000011055954	10.55954	2.999732	1.638816	1.830426
ENSG00000100653515	CEP295NL	CEP295 N-terminal	ENSG0000011055954	10.55954	2.999732	1.638816	1.830426
ENSG00000170371	TMEM273	transmembrane	ENSG0000012513798	25.13798	2.035932	1.112975	1.82927
ENSG00000845	CASQ2	calcium seque	ENSG0000019632304	963.2304	0.925259	0.505991	1.828607
ENSG0000023452	ANGPTL2	angiopoietin	ENSG0000016601676	66.01676	-1.52974	0.836986	-1.82768
ENSG000007140	TNNT3	troponin T	ENSG0000016822407	68.22407	-4.08671	2.239109	-1.82515
ENSG00000400506	KNOP1	lysine rich	ENSG0000017583998	7.583998	-4.98929	2.735081	-1.82418
ENSG00000288	ANK3	ankyrin 3	ENSG0000013937334	393.7334	-1.06266	0.583284	-1.82185
ENSG00000374977	MROH7	maestro helic	ENSG0000017836667	7.836667	-5.04071	2.767911	-1.82112
ENSG0000057514	ARHGAP31	Rho GTPase	ENSG0000012082175	208.2175	-1.14691	0.62978	-1.82112
ENSG000004584	MUC3A	mucin 3A, class	ENSG000001778514	7.78514	-5.02026	2.758081	-1.8202
ENSG000001612	DAPK1	death associ	ENSG0000012330011	23.30011	2.380776	1.308061	1.82008
ENSG0000080323	CCDC68	coiled-coil	ENSG0000011973461	19.73461	-2.82471	1.552031	-1.82001
ENSG0000084726	PRRC2B	proline rich	ENSG0000012197803	219.7803	-1.10002	0.604844	-1.81868
ENSG00000830	CAPZA2	capping actin	ENSG0000012174154	217.4154	1.064209	0.585327	1.818143
ENSG000002201	FBN2	fibrillin 2	ENSG0000016647412	66.47412	1.628214	0.896006	1.81719
ENSG000007421	VDR	vitamin D receptor	ENSG0000018453044	8.453044	3.42257	1.885593	1.815116
ENSG0000064127	NOD2	nucleotide	ENSG0000018453044	8.453044	3.42257	1.885593	1.815116
ENSG000001663	DDX11	DEAD/H-box	ENSG00000175224	7.5224	-4.9782	2.742952	-1.81491
ENSG0000023046	KIF21B	kinesin family	ENSG0000019041167	9.041167	3.600578	1.987345	1.811753
ENSG000001281	COL3A1	collagen type	ENSG0000012169895	216.9895	1.158034	0.639314	1.811369
ENSG000006586	SLIT3	slit guidance	ENSG0000015288097	52.88097	-1.67952	0.927348	-1.8111
ENSG0000023493	HEY2	heparan sulfate	ENSG0000014903574	49.03574	-1.71181	0.945715	-1.81007
ENSG00000509	ATP5F1C	ATP synthase	ENSG0000013181524	318.1524	1.026442	0.567137	1.809868

ENSG000001729230	CCR2	C-C motif c	ENSG000001729230	8.184027	3.733986	2.064555	1.808616
ENSG00000278384			ENSG00000278384	7.47715	-4.96489	2.746637	-1.80762
ENSG0000016535	SLC6A8	solute carr	ENSG0000016535	127.8919	-1.25865	0.697056	-1.80566
ENSG0000011188	NISCH	nischarin	ENSG0000011188	58.83164	-1.57656	0.873501	-1.80488
ENSG00000185379	KIAA1671	KIAA1671	ENSG00000185379	56.32417	-1.77923	0.986103	-1.8043
ENSG00000110610	ST6GALNA	ST6 N-acet	ENSG00000110610	10.47531	3.083069	1.708788	1.804243
ENSG00000155122	AKIRIN2	akirin 2	ENSG00000155122	20.54913	2.198115	1.220427	1.801103
ENSG0000018780	RIOK3	RIO kinase	ENSG0000018780	94.62686	1.287596	0.715042	1.800729
ENSG0000016939	TCF15	transcripti	ENSG0000016939	7.376579	-4.94904	2.750002	-1.79965
ENSG00000116983	ACAP3	ArfGAP wit	ENSG00000116983	27.40244	-2.25615	1.254528	-1.79841
ENSG000001100506195	LARGE-AS1	LARGE anti	ENSG000001100506195	7.353954	-4.94224	2.750816	-1.79665
ENSG00000184333	PCGF5	polycomb	ENSG00000184333	154.9019	1.115937	0.621183	1.79647
ENSG00000184181	CHD6	chromodor	ENSG00000184181	134.4785	-1.1994	0.667864	-1.79587
ENSG0000015351	PLOD1	procollage	ENSG0000015351	58.6016	-1.56963	0.875001	-1.79387
ENSG00000155083	KIF26B	kinesin fan	ENSG00000155083	14.91834	2.520434	1.405788	1.792899
ENSG0000015097	PCDH1	protocadh	ENSG0000015097	51.89919	-1.64691	0.918716	-1.79262
ENSG0000013398	ID2	inhibitor o	ENSG0000013398	31.0277	-2.09505	1.168747	-1.79256
ENSG0000016711	SPTBN1	spectrin be	ENSG0000016711	2118.453	-0.92662	0.517017	-1.79224
ENSG0000014122	MAN2A2	mannosida	ENSG0000014122	106.1606	-1.27373	0.711847	-1.78933
ENSG0000019185	REPS2	RALBP1 as	ENSG0000019185	29.89868	2.206042	1.234897	1.786417
ENSG0000013310	HSPA6	heat shock	ENSG0000013310	9.579201	3.111152	1.741727	1.786245
ENSG0000015420	PODXL	podocalyxi	ENSG0000015420	258.2749	-1.35355	0.757929	-1.78585
ENSG0000016449	SGTA	small gluta	ENSG0000016449	31.37466	-2.11146	1.182807	-1.78513
ENSG000001692225	SNORD94	small nucle	ENSG000001692225	16.12872	2.398338	1.345202	1.782883
ENSG00000157124	CD248	CD248 mol	ENSG00000157124	7.230758	-4.91926	2.759634	-1.78258
ENSG0000019612	NCOR2	nuclear rec	ENSG0000019612	87.2564	-1.35128	0.758739	-1.78096
ENSG000001151056	PLB1	phospholip	ENSG000001151056	9.702397	3.038302	1.706101	1.780845
ENSG000001147372	CCBE1	collagen ar	ENSG000001147372	7.7191	3.427858	1.925519	1.780225
ENSG0000014140	MARK3	microtubul	ENSG0000014140	166.9506	-1.12213	0.630929	-1.77854
ENSG000001144809	FAM216B	family with	ENSG000001144809	5.735803	4.344762	2.442981	1.778468
ENSG0000012209	FCGR1A	Fc fragmer	ENSG0000012209	6.738764	3.690597	2.075668	1.778028
ENSG000001597	BCL2A1	BCL2 relat	ENSG000001597	6.738764	3.690597	2.075668	1.778028
ENSG000001353514	LILRA5	leukocyte i	ENSG000001353514	6.738764	3.690597	2.075668	1.778028
ENSG000001400322	HERC2P2	hect doma	ENSG000001400322	26.94236	-2.22762	1.253332	-1.77736
ENSG0000011909	EDNRA	endothelin	ENSG0000011909	19.03441	-2.77094	1.559084	-1.77729
ENSG000001834	CASP1	caspase 1	ENSG000001834	18.13465	2.326976	1.309535	1.776949
ENSG0000013745	KCNB1	potassium	ENSG0000013745	19.05704	-2.77376	1.561874	-1.77592
ENSG0000011326	MAP3K8	mitogen-ac	ENSG0000011326	15.17911	-3.4868	1.965327	-1.77416
ENSG00000123526	ARHGAP45	Rho GTPas	ENSG00000123526	15.61331	2.559139	1.442633	1.773936
ENSG0000018870	IER3	immediate	ENSG0000018870	6.800362	3.625048	2.043624	1.773833
ENSG0000013753	KCNE1	potassium	ENSG0000013753	6.800362	3.625048	2.043624	1.773833
ENSG00000194	ACVRL1	activin A re	ENSG00000194	54.8079	-1.59253	0.89785	-1.77371
ENSG000001586	BCAT1	branched c	ENSG000001586	40.08705	1.871762	1.056225	1.772125
ENSG00000123580	CDC42EP4	CDC42 effe	ENSG00000123580	75.87674	-1.45817	0.823539	-1.77061
ENSG00000125937	WWTR1	WW doma	ENSG00000125937	101.1314	-1.31667	0.743892	-1.76997
ENSG00000156101	PCDHGB5	protocadh	ENSG00000156101	15.03329	-3.47185	1.963058	-1.76859
ENSG0000019764	KIAA0513	KIAA0513	ENSG0000019764	40.30977	1.767957	1.000636	1.766834

ENSG0000I	ENSG0000I	9263	STK17A	serine/thre	ENSG0000I	44.3568	1.757837	0.995004	1.766664
ENSG0000I	ENSG0000I	8655	DYNLL1	dynein ligh	ENSG0000I	51.01879	1.500458	0.849981	1.765284
ENSG0000I	ENSG0000I	4878	NPPA	natriuretic	ENSG0000I	5.881624	3.912119	2.216544	1.764964
ENSG0000I	ENSG0000I	4886	NPY1R	neuropepti	ENSG0000I	5.881624	3.912119	2.216544	1.764964
ENSG0000I	ENSG0000I	100506115	SMIM25	small integ	ENSG0000I	5.881624	3.912119	2.216544	1.764964
ENSG0000I	ENSG0000I	3134	HLA-F	major histc	ENSG0000I	30.77504	1.911976	1.083928	1.763932
ENSG0000I	ENSG0000I	9457	FHL5	four and a	ENSG0000I	18.93384	-2.7643	1.567927	-1.76303
ENSG0000I	ENSG0000I	4239	MFAP4	microfibril	ENSG0000I	67.91727	-1.46929	0.834069	-1.7616
ENSG0000I	ENSG0000I	9246	UBE2L6	ubiquitin c	ENSG0000I	41.76275	1.712685	0.972409	1.76128
ENSG0000I	ENSG0000I	23586	DDX58	DExD/H-bc	ENSG0000I	39.45407	1.640675	0.932205	1.759994
ENSG0000I	ENSG0000I	7448	VTN	vitronectin	ENSG0000I	20.31908	2.26037	1.284373	1.759901
ENSG0000I	ENSG0000I	11213	IRAK3	interleukin	ENSG0000I	106.0093	1.260055	0.716036	1.759765
ENSG0000I	ENSG0000I	149603	RNF187	ring finger	ENSG0000I	44.6462	-1.72895	0.982599	-1.75957
ENSG0000I	ENSG00000276545				ENSG0000I	14.6964	-3.43429	1.951924	-1.75944
ENSG0000I	ENSG0000I	353	APRT	adenine ph	ENSG0000I	7.360232	-4.95062	2.813865	-1.75937
ENSG0000I	ENSG0000I	23621	BACE1	beta-secre	ENSG0000I	41.44585	-1.80017	1.023253	-1.75926
ENSG0000I	ENSG0000I	1843	DUSP1	dual specif	ENSG0000I	197.643	-1.08507	0.61688	-1.75897
ENSG0000I	ENSG0000I	54518	APBB1IP	amyloid be	ENSG0000I	16.67787	2.491856	1.417332	1.758131
ENSG0000I	ENSG0000I	100505994	LUCAT1	lung cance	ENSG0000I	5.024484	4.264749	2.427379	1.756936
ENSG0000I	ENSG00000260528				ENSG0000I	5.024484	4.264749	2.427379	1.756936
ENSG0000I	ENSG0000I	80216	ALPK1	alpha kina	ENSG0000I	36.68635	1.701433	0.969557	1.754855
ENSG0000I	ENSG0000I	4193	MDM2	MDM2 pro	ENSG0000I	104.524	1.199249	0.68367	1.754134
ENSG0000I	ENSG0000I	59	ACTA2	actin, alph	ENSG0000I	67.26611	-1.45177	0.827777	-1.75382
ENSG0000I	ENSG0000I	2210	FCGR1B	Fc fragmer	ENSG0000I	4.105746	5.081715	2.898864	1.753002
ENSG0000I	ENSG0000I	3557	IL1RN	interleukin	ENSG0000I	4.105746	5.081715	2.898864	1.753002
ENSG0000I	ENSG0000I	55024	BANK1	B cell scaff	ENSG0000I	4.105746	5.081715	2.898864	1.753002
ENSG0000I	ENSG0000I	8357	HIST1H3H	histone clu	ENSG0000I	4.105746	5.081715	2.898864	1.753002
ENSG0000I	ENSG0000I	93432	MGAM2	maltase-gl	ENSG0000I	4.105746	5.081715	2.898864	1.753002
ENSG0000I	ENSG0000I	7538	ZFP36	ZFP36 ring	ENSG0000I	93.27024	-1.46859	0.837961	-1.75258
ENSG0000I	ENSG0000I	4689	NCF4	neutrophil	ENSG0000I	12.29644	2.906066	1.658216	1.752526
ENSG0000I	ENSG0000I	22920	KIFAP3	kinesin ass	ENSG0000I	59.05922	1.419846	0.810439	1.751945
ENSG0000I	ENSG0000I	6144	RPL21	ribosomal	ENSG0000I	288.9389	0.981834	0.56096	1.750275
ENSG0000I	ENSG0000I	5212	VIT	vitrin	ENSG0000I	41.38046	-1.80143	1.029332	-1.7501
ENSG0000I	ENSG0000I	133584	EGFLAM	EGF like, fil	ENSG0000I	34.40656	-1.96585	1.124098	-1.74882
ENSG0000I	ENSG0000I	8673	VAMP8	vesicle ass	ENSG0000I	11.89311	2.699894	1.544335	1.748257
ENSG0000I	ENSG0000I	29801	ZDHHC8	zinc finger	ENSG0000I	6.961742	-4.86499	2.782796	-1.74824
ENSG0000I	ENSG0000I	7078	TIMP3	TIMP meta	ENSG0000I	993.5003	-0.88398	0.505846	-1.74753
ENSG0000I	ENSG0000I	5336	PLCG2	phospholi	ENSG0000I	24.05707	2.046223	1.170995	1.747423
ENSG0000I	ENSG00000261616				ENSG0000I	6.984367	-4.8721	2.793153	-1.7443
ENSG0000I	ENSG0000I	55313	CPPED1	calcineurin	ENSG0000I	35.74499	1.692059	0.970103	1.744205
ENSG0000I	ENSG0000I	26034	IPCEF1	interaction	ENSG0000I	10.96287	3.247437	1.862311	1.743768
ENSG0000I	ENSG0000I	10094	ARPC3	actin relat	ENSG0000I	53.93233	1.456869	0.836744	1.741116
ENSG0000I	ENSG0000I	56204	FAM214A	family with	ENSG0000I	57.63865	-1.54331	0.886624	-1.74065
ENSG0000I	ENSG0000I	9586	CREB5	cAMP resp	ENSG0000I	54.16578	1.590601	0.914045	1.740178
ENSG0000I	ENSG0000I	375061	FAM89A	family with	ENSG0000I	6.900144	-4.8529	2.790182	-1.73928
ENSG0000I	ENSG0000I	729658	PACRG-AS:	PACRG ant	ENSG0000I	6.900144	-4.8529	2.790182	-1.73928
ENSG0000I	ENSG0000I	1047	CLGN	calmegin	ENSG0000I	117.8434	1.167688	0.671398	1.739187

ENSG0000018028	MLLT10	MLLT10, hi	47.46061	-1.65732	0.953134	-1.73881
ENSG00000157467	HHATL	hedgehog	149.7789	1.120416	0.645404	1.735994
ENSG000001136319	MTPN	myotrophin	138.551	1.119778	0.645164	1.735648
ENSG0000013664	IRF6	interferon	55.01911	-1.5964	0.920755	-1.73379
ENSG0000014700	NDUFA6	NADH:ubiquinone	115.0116	1.181237	0.681583	1.733079
ENSG000001163720	CYP4Z2P	cytochrome	6.922769	-4.86003	2.805721	-1.73218
ENSG000001283897	C16orf54	chromosome	5.943222	3.83001	2.213672	1.730162
ENSG000001677833	SNORA54	small nucleolar	21.10979	2.069135	1.195955	1.730111
ENSG0000019882	TBC1D4	TBC1 domain	200.1668	-1.04777	0.60567	-1.72993
ENSG000001105378803	LRRC53	leucine rich	6.838546	-4.84071	2.799109	-1.72938
ENSG00000183439	TCF7L1	transcription	6.838546	-4.84071	2.799109	-1.72938
ENSG0000017760	ZNF213	zinc finger	6.815921	-4.83339	2.79498	-1.72931
ENSG000001677837	SNORA60	small nucleolar	4.167344	4.983098	2.886664	1.726248
ENSG0000013090	HIC1	HIC ZBTB	7.224481	-4.91089	2.846454	-1.72527
ENSG0000013717	JAK2	Janus kinase	87.50177	1.242022	0.720155	1.724659
ENSG00000164772	ENGASE	endo-beta-	14.24259	-3.38828	1.966931	-1.72262
ENSG000001283131	NEAT1	nuclear paraspeckle	5410.641	-0.81498	0.473734	-1.72033
ENSG00000123499	MACF1	microtubule	1308.863	-0.84351	0.490443	-1.71989
ENSG00000123139	MAST2	microtubule	150.1746	-1.12861	0.656261	-1.71976
ENSG0000011303	COL12A1	collagen type	113.2172	-1.20899	0.703467	-1.71862
ENSG000001101927770	LOC101927	uncharacterized	8.660463	3.210345	1.868535	1.718109
ENSG0000012334	AFF2	AF4/FMR2	8.660463	3.210345	1.868535	1.718109
ENSG00000158494	JAM2	junctional	41.89339	-1.8164	1.057396	-1.7178
ENSG00000179784	MYH14	myosin heavy	102.1959	-1.26934	0.739197	-1.71719
ENSG0000014091	SMAD6	SMAD family	22.90606	-2.42268	1.412531	-1.71514
ENSG00000155107	ANO1	anoctamin	14.13574	-3.37463	1.967832	-1.7149
ENSG0000016324	SCN1B	sodium voltage	26.06299	2.029386	1.18405	1.713936
ENSG0000015774	PTPN3	protein tyrosine	144.3169	-1.14421	0.667802	-1.7134
ENSG0000013653	IPW	imprinted	281.1149	-1.05246	0.614403	-1.71298
ENSG00000159286	UBL5	ubiquitin ligase	56.84588	1.417796	0.827708	1.712918
ENSG000001156	GRK2	G protein-coupled	52.93565	1.445204	0.843921	1.712487
ENSG00000164174	DPEP2	dipeptidase	7.864921	3.237584	1.890734	1.712342
ENSG00000110351	ABCA8	ATP binding	267.3134	-0.98464	0.575606	-1.71062
ENSG0000018407	TAGLN2	transgelin	145.0456	1.088438	0.636701	1.709495
ENSG00000179083	MLPH	melanophilin	30.52236	-2.06621	1.20957	-1.70822
ENSG0000012059	EPS8	epidermal	82.0007	-1.32566	0.776402	-1.70744
ENSG00000184675	TRIM55	tripartite	61.84813	1.4581	0.854209	1.70696
ENSG000001222389	BEND7	BEN domain	18.08154	-2.69137	1.578509	-1.70501
ENSG0000018639	AOC3	amine oxidase	26.80909	-2.22358	1.30511	-1.70375
ENSG000001157285	PRAG1	PEAK1 related	6.631127	-4.79602	2.816801	-1.70265
ENSG00000157659	ZBTB4	zinc finger	159.9162	-1.08287	0.636579	-1.70108
ENSG0000012274	FHL2	four and a half	923.9985	0.845299	0.497096	1.700476
ENSG000001864	RUNX3	runt related	4.962886	4.382671	2.577816	1.700149
ENSG0000017135	TNNI1	troponin I1	4.962886	4.382671	2.577816	1.700149
ENSG000001115761	ARL11	ADP ribosylating	4.962886	4.382671	2.577816	1.700149
ENSG00000130845	EHD3	EH domain	46.69896	1.49293	0.878949	1.69854
ENSG00000111343	MGLL	monoglycine	186.5368	-1.20922	0.712103	-1.6981

ENSG00000184627	ZNF469	zinc finger	ENSG0000016709072	-4.80627	2.832362	-1.69691
ENSG00000222166	MTURN	maturin, n	ENSG00000172.09849	1.287463	0.759244	1.695717
ENSG000002710	GK	glycerol kir	ENSG00000125.77658	1.9364	1.143272	1.693735
ENSG0000010099659C	LINC01505	long interg	ENSG0000016.546904	-4.77572	2.820052	-1.69349
ENSG0000025911	DPCD	deleted in	ENSG0000016.546904	-4.77572	2.820052	-1.69349
ENSG0000057690	TNRC6C	trinucleoti	ENSG00000171.92323	-1.36477	0.806003	-1.69326
ENSG000000273237			ENSG0000016.653752	-4.80339	2.836839	-1.69322
ENSG0000051754	TMEM8B	transmembr	ENSG00000113.9673	-3.35461	1.982733	-1.69191
ENSG000000235997			ENSG00000131.9454	1.778634	1.051265	1.691899
ENSG0000057480	PLEKHG1	pleckstrin f	ENSG00000149.66283	-1.5732	0.930268	-1.69112
ENSG0000029924	EPN1	epsin 1	ENSG00000178.18817	-1.32632	0.784477	-1.6907
ENSG0000024145	PANX1	pannexin 1	ENSG00000139.01177	1.581611	0.936323	1.689173
ENSG000003339	HSPG2	heparan su	ENSG000001363.8002	-0.96718	0.573017	-1.68787
ENSG0000056099	PCDHGB7	protocadhe	ENSG00000125.59727	-2.14624	1.271578	-1.68786
ENSG000003148	HMGB2	high mobil	ENSG00000153.25999	1.42913	0.847102	1.687082
ENSG0000023312	DMXL2	Dmx like 2	ENSG00000154.84623	1.398511	0.829155	1.686669
ENSG0000023031	MAST3	microtubul	ENSG00000115.29421	2.366871	1.404119	1.685663
ENSG000003767	KCNJ11	potassium	ENSG0000016.524279	-4.76805	2.829424	-1.68517
ENSG00000143686	SESN3	sestrin 3	ENSG00000144.64883	1.559126	0.925229	1.685124
ENSG000007388	UQCRH	ubiquinol-c	ENSG000001223.9642	1.029157	0.61128	1.683611
ENSG00000374655	ZNF710	zinc finger	ENSG00000132.93828	-1.89525	1.127814	-1.68047
ENSG000000271401			ENSG00000121.92677	-2.36001	1.405045	-1.67967
ENSG000008935	SKAP2	src kinase c	ENSG00000136.44519	1.625227	0.968386	1.678284
ENSG0000064326	COP1	COP1, E3 u	ENSG00000144.09968	1.517913	0.904757	1.677702
ENSG00000114897	C1QTNF1	C1q and TN	ENSG00000178.56796	-1.42604	0.850888	-1.67594
ENSG00000829	CAPZA1	capping ac	ENSG00000175.95968	1.272107	0.759842	1.674173
ENSG00000100101267	POM121C	POM121 tr	ENSG00000121.78095	-2.34912	1.403652	-1.67358
ENSG0000051276	ZNF571	zinc finger	ENSG0000016.401083	-4.74208	2.835364	-1.67248
ENSG000002	A2M	alpha-2-ma	ENSG0000011836.034	0.828232	0.495328	1.672088
ENSG000004547	MTTP	microsoma	ENSG0000017.007781	3.329556	1.992539	1.671012
ENSG0000025851	TECPR1	tectonin be	ENSG00000117.64408	-2.65189	1.589298	-1.6686
ENSG0000027443	CECR2	CECR2, hist	ENSG00000132.40652	-1.87064	1.1222	-1.66694
ENSG00000349565	NMNAT3	nicotinami	ENSG0000016.563251	-4.77352	2.864909	-1.6662
ENSG000005506	PPP1R3A	protein ph	ENSG000001214.6292	1.033729	0.620914	1.664849
ENSG00000101929335	ADAMTS9-	ADAMTS9	ENSG00000113.51348	-3.3059	1.987489	-1.66335
ENSG000006168	RPL37A	ribosomal	ENSG000001365.802	0.922275	0.554536	1.663147
ENSG000009535	GMFG	glia matur	ENSG00000116.29717	2.330179	1.401611	1.6625
ENSG000009551	ATP5MF	ATP syntha	ENSG00000155.15422	1.381523	0.831415	1.661654
ENSG000003304	HSPA1B	heat shock	ENSG00000148.95636	-1.54864	0.932437	-1.66085
ENSG000006468	FBXW4	F-box and	ENSG00000158.82641	-1.45198	0.874334	-1.66067
ENSG000004259	MGST3	microsoma	ENSG000001167.674	1.020842	0.614746	1.660591
ENSG00000338811	FAM19A2	family with	ENSG0000016.946183	3.385981	2.039611	1.660111
ENSG00000147138	TMC8	transmembr	ENSG0000016.946183	3.385981	2.039611	1.660111
ENSG000009578	CDC42BPB	CDC42 bin	ENSG000001136.0733	-1.1266	0.678982	-1.65925
ENSG0000010857	PGRMC1	progester	ENSG00000145.88707	1.467344	0.884352	1.659232
ENSG00000636	BICD1	BICD cargo	ENSG00000113.61406	-3.31504	2.000842	-1.65682
ENSG000008398	PLA2G6	phospholip	ENSG0000016.277887	-4.71566	2.847416	-1.65612

ENSG0000010142	AKAP9	A-kinase an	ENSG000001291.6273	-0.93587	0.565104	-1.6561
ENSG0000015648	MASP1	mannan bi	ENSG000001107.3568	1.476877	0.891872	1.65593
ENSG00000110397	NDRG1	N-myc dow	ENSG000001140.5519	-1.09573	0.661994	-1.65519
ENSG00000181890	QTRT1	queuine tR	ENSG0000016.31686	-4.72101	2.85295	-1.65478
ENSG0000011462	VCAN	versican	ENSG000001253.814	0.950137	0.574392	1.65416
ENSG0000019213	XPR1	xenotropic	ENSG000001172.385	1.00794	0.609802	1.652898
ENSG000001127544	RNF19B	ring finger	ENSG00000134.17653	1.632871	0.988104	1.652529
ENSG00000154538	ROBO4	roundabou	ENSG00000135.77531	-1.78102	1.077928	-1.65227
ENSG0000018578	SCARF1	scavenger	ENSG00000117.39769	-2.63127	1.593466	-1.65129
ENSG00000154102	CLIC6	chloride in	ENSG0000016.809643	-4.82493	2.923928	-1.65016
ENSG0000010233757			ENSG0000016.255262	-4.70764	2.854585	-1.64915
ENSG00000181553	FAM49A	family with	ENSG00000119.14911	2.072293	1.256624	1.649095
ENSG00000155626	AMBRA1	autophagy	ENSG00000128.6518	-1.96826	1.194387	-1.64793
ENSG00000123788	MTCH2	mitochond	ENSG00000152.24696	1.415166	0.859095	1.647275
ENSG000001642776	DANT2	DXZ4 assoc	ENSG0000016.216289	-4.70226	2.855886	-1.64651
ENSG0000016909	TBX2	T-box 2	ENSG00000113.28972	-3.28366	1.995355	-1.64565
ENSG0000014694	NDUFA1	NADH:ubic	ENSG000001191.3342	0.996304	0.605642	1.645038
ENSG0000019069	CLDN12	claudin 12	ENSG00000145.87293	-1.59766	0.97138	-1.64473
ENSG00000110585	POMT1	protein O-r	ENSG00000121.33721	-2.31246	1.406426	-1.64421
ENSG000001158401	C9orf84	chromosom	ENSG00000120.52166	1.990866	1.211423	1.643412
ENSG00000157458	TMCC3	transmembr	ENSG00000121.73204	1.940825	1.181393	1.642828
ENSG0000010255471			ENSG0000016.193664	-4.69416	2.857847	-1.64255
ENSG000001202333	CMYA5	cardiomyo	ENSG0000016902.751	-0.78071	0.475567	-1.64163
ENSG0000011981	EIF4G1	eukaryotic	ENSG000001407.5584	-0.90728	0.552885	-1.641
ENSG000001144165	PRICKLE1	prickle plar	ENSG00000113.2055	-3.27301	1.994618	-1.64092
ENSG00000157506	MAVS	mitochond	ENSG000001281.6529	-0.93241	0.568281	-1.64076
ENSG0000016279	S100A8	S100 calciu	ENSG00000177.04138	3.424218	2.087539	1.640313
ENSG00000157519	STARD9	StAR relate	ENSG00000172.25776	-1.47339	0.898278	-1.64024
ENSG000001478	ATP1A3	ATPase Na	ENSG000001262.8431	-1.06458	0.649057	-1.64019
ENSG0000014313	MMP2	matrix met	ENSG000001136.2554	-1.08537	0.662906	-1.63729
ENSG0000013912	LAMB1	laminin sul	ENSG000001262.7994	-0.97625	0.596329	-1.6371
ENSG00000110723	SLC12A7	solute carr	ENSG00000198.02113	-1.197	0.731221	-1.63698
ENSG000001677800	SNORA12	small nucle	ENSG00000112.36955	2.473951	1.51164	1.6366
ENSG00000123363	OBSL1	obscurin li	ENSG000001106.5851	-1.15944	0.708494	-1.63648
ENSG0000016281	S100A10	S100 calciu	ENSG00000157.48448	1.382211	0.844645	1.63644
ENSG000001283149	BCL9L	B cell CLL/I	ENSG00000131.90746	-1.84458	1.127273	-1.63632
ENSG0000012176	FANCC	FA comple	ENSG00000117.29711	-2.62398	1.603716	-1.63619
ENSG00000154502	RBM47	RNA bindir	ENSG00000121.88898	2.091087	1.27817	1.636
ENSG00000192799	SHKBP1	SH3KBP1 b	ENSG00000118.14615	2.087354	1.27589	1.635999
ENSG0000010259924			ENSG0000016.154691	-4.68872	2.866156	-1.63589
ENSG0000010235940			ENSG0000016.323137	-4.73114	2.89258	-1.63561
ENSG0000015294	PIK3CG	phosphatic	ENSG00000115.96655	2.432599	1.487549	1.635307
ENSG000001114757	CYGB	cytoglobin	ENSG00000113.1439	-3.26634	1.997578	-1.63515
ENSG00000164321	SOX17	SRY-box 17	ENSG0000016.132066	-4.68056	2.862729	-1.635
ENSG0000014856	NOV	nephroblas	ENSG0000016.132066	-4.68056	2.862729	-1.635
ENSG000001100506965	PWAR6	Prader Wil	ENSG00000152.51373	-1.5178	0.928666	-1.63439
ENSG0000013556	IL1RAP	interleukin	ENSG00000121.48565	1.982724	1.213326	1.634124

ENSG00000191574	C12orf65	chromosom	ENSG000001312127	-3.26226	1.996833	-1.63372
ENSG000002631	NIPSNAP2	nipsnap ho	ENSG000001277.4644	0.91182	0.558778	1.631809
ENSG000003560	IL2RB	interleukin	ENSG0000016.089043	3.522006	2.158523	1.631674
ENSG000001890	TYMP	thymidine	ENSG00000120.54429	1.979827	1.21376	1.631152
ENSG00000114823	LENG8	leukocyte r	ENSG00000173.086	-1.39464	0.855037	-1.63109
ENSG000007381	UQCRB	ubiquinol-c	ENSG000001331.2087	0.899922	0.551895	1.630604
ENSG0000025945	NECTIN3	nectin cell	ENSG00000113.05967	-3.25555	1.998583	-1.62893
ENSG0000010672	GNA13	G protein s	ENSG00000181.65245	1.191298	0.731346	1.628912
ENSG00000130367	SGPP2	sphingosin	ENSG00000117.5146	-2.6376	1.619461	-1.62869
ENSG000003487	IGFBP4	insulin like	ENSG000001207.6004	-0.99799	0.613038	-1.62795
ENSG00000399687	MYO18A	myosin XVI	ENSG000001294.0098	-0.96957	0.595784	-1.62738
ENSG000002532	ACKR1	atypical ch	ENSG00000131.32326	-2.47108	1.519401	-1.62635
ENSG00000129563	DIS3L2	DIS3 like 3'	ENSG00000120.96762	-2.28626	1.406195	-1.62585
ENSG000002199	FBLN2	fibulin 2	ENSG000001101.3082	-1.19305	0.734498	-1.6243
ENSG00000273319			ENSG00000131.66107	-1.83254	1.129587	-1.62231
ENSG0000063976	PRDM16	PR/SET dor	ENSG00000117.14502	-2.60604	1.60662	-1.62207
ENSG000005720	PSME1	proteasom	ENSG00000185.48578	1.225731	0.755669	1.622048
ENSG0000027180	SIGLEC9	sialic acid k	ENSG00000112.18475	2.542201	1.5673	1.622026
ENSG0000010170	DHRS9	dehydroge	ENSG0000018.133938	2.988382	1.842438	1.621972
ENSG000006714	SRC	SRC proto-	ENSG0000018.133938	2.988382	1.842438	1.621972
ENSG000009710	KIAA0355	KIAA0355	ENSG00000162.76344	-1.44111	0.888738	-1.62153
ENSG0000051360	MBTPS2	membrane	ENSG00000120.90602	-2.28186	1.407236	-1.62152
ENSG000001822	ATN1	atrophin 1	ENSG000001103.2967	-1.16492	0.718757	-1.62074
ENSG0000056107	PCDHGA9	protocadh	ENSG00000124.75125	-2.09356	1.292809	-1.61939
ENSG0000027350	APOBEC3C	apolipopro	ENSG00000132.04741	1.633276	1.009596	1.617751
ENSG000004221	MEN1	menin 1	ENSG0000016.00887	-4.65298	2.877535	-1.617
ENSG0000057184	FAM219B	family with	ENSG00000125.06931	-2.10886	1.304948	-1.61605
ENSG000008633	UNC5C	unc-5 netri	ENSG00000113.04333	-3.25692	2.015759	-1.61573
ENSG000006207	RPS13	ribosomal	ENSG000001165.31	0.994409	0.616187	1.61381
ENSG000002289	FKBP5	FK506 bind	ENSG000001393.6523	0.932795	0.57809	1.613582
ENSG00000285	ANGPT2	angiopoiet	ENSG00000125.29556	-2.13043	1.320402	-1.61347
ENSG000004879	NPPB	natriuretic	ENSG0000012.598885	5.902298	3.661007	1.612206
ENSG00000261573			ENSG0000012.598885	5.902298	3.661007	1.612206
ENSG0000064866	CDCP1	CUB doma	ENSG0000012.598885	5.902298	3.661007	1.612206
ENSG000001776	DNASE1L3	deoxyribor	ENSG0000012.598885	5.902298	3.661007	1.612206
ENSG0000060675	PROK2	prokinetici	ENSG0000012.598885	5.902298	3.661007	1.612206
ENSG00000282572			ENSG0000012.598885	5.902298	3.661007	1.612206
ENSG0000010643	IGF2BP3	insulin like	ENSG0000012.598885	5.902298	3.661007	1.612206
ENSG00000254263			ENSG0000012.598885	5.902298	3.661007	1.612206
ENSG00000212743			ENSG0000012.598885	5.902298	3.661007	1.612206
ENSG0000057705	WDFY4	WDFY fami	ENSG0000012.598885	5.902298	3.661007	1.612206
ENSG0000085329	LGALS12	galectin 12	ENSG0000012.598885	5.902298	3.661007	1.612206
ENSG00000259932			ENSG0000012.598885	5.902298	3.661007	1.612206
ENSG00000342618	SLFN14	schlafen fa	ENSG0000012.598885	5.902298	3.661007	1.612206
ENSG0000056901	NDUFA4L2	NDUFA4, n	ENSG00000120.92237	-2.28098	1.415905	-1.61097
ENSG00000442721	LMOD2	leiomodini	ENSG0000011110.581	0.798393	0.495635	1.610848
ENSG000002621	GAS6	growth arr	ENSG00000164.94174	-1.39366	0.865194	-1.61081

ENSG0000010930	APOBEC2	apolipopro	ENSG00000133.1343	1.044613	0.64895	1.609697
ENSG000001998	CDC42	cell divisio	ENSG000001192.6254	0.956513	0.594465	1.609031
ENSG0000014337	MOCS1	molybden	ENSG00000154.65684	-1.45345	0.903557	-1.60859
ENSG00000151142	CHCHD2	coiled-coil-	ENSG000001106.5355	1.107785	0.689373	1.606946
ENSG00000157547	ZNF624	zinc finger	ENSG0000015.947272	-4.63898	2.887673	-1.60648
ENSG0000017534	YWHAZ	tyrosine 3-	ENSG000001308.0629	0.889955	0.554227	1.605757
ENSG000001347	APOD	apolipopro	ENSG000001454.6441	-2.16955	1.351276	-1.60556
ENSG00000123268	DNMBP	dynamamin bi	ENSG00000131.36943	-1.81679	1.132264	-1.60457
ENSG00000110550	ARL6IP5	ADP ribosy	ENSG000001203.9489	0.946219	0.5904	1.602672
ENSG0000010274642			ENSG0000016.699002	-4.81622	3.006533	-1.60192
ENSG0000013055	HCK	HCK proto-	ENSG00000129.54831	1.941397	1.212334	1.601371
ENSG0000014837	NNMT	nicotinami	ENSG00000156.82925	-1.65659	1.034811	-1.60087
ENSG00000110221	TRIB1	tribbles ps	ENSG00000130.67486	1.666307	1.041596	1.599764
ENSG000001389257	LRRC14B	leucine ric	ENSG00000113.0534	-3.25024	2.03263	-1.59903
ENSG00000155616	ASAP3	ArfGAP wit	ENSG00000160.27063	-1.37328	0.859808	-1.59719
ENSG0000015727	PTCH1	patched 1	ENSG00000116.9049	-2.58904	1.621399	-1.59679
ENSG000001185986			ENSG0000015.969897	-4.64721	2.910535	-1.59669
ENSG00000123187	PHLDB1	pleckstrin l	ENSG000001132.6138	-1.08282	0.678215	-1.59657
ENSG000001254887	ZDHHC23	zinc finger	ENSG0000016.148414	-4.67841	2.930462	-1.59647
ENSG0000016584	SLC22A5	solute carr	ENSG00000139.51121	-1.71935	1.077142	-1.59622
ENSG00000154210	TREM1	triggering r	ENSG0000019.260094	2.758656	1.728429	1.596048
ENSG00000129780	PARVB	parvin beta	ENSG000001136.0382	-1.12561	0.705281	-1.59597
ENSG000001101928153	ITGA9-AS1	ITGA9 anti	ENSG0000015.863049	-4.61631	2.892753	-1.59582
ENSG000001100507008	LINC00844	long interg	ENSG0000018.010742	3.074219	1.926676	1.595608
ENSG0000017040	TGFB1	transformi	ENSG00000120.8749	1.915215	1.200493	1.595356
ENSG000001710	SERPING1	serpin fam	ENSG000001261.3311	-1.12664	0.706243	-1.59526
ENSG0000018675	STX16	syntaxin 16	ENSG00000116.73646	-2.57184	1.612335	-1.5951
ENSG000001140706	CCM2L	CCM2 like	ENSG0000015.885674	-4.62483	2.899881	-1.59483
ENSG0000010236540			ENSG0000015.885674	-4.62483	2.899881	-1.59483
ENSG00000156241	SUSD2	sushi doma	ENSG0000016.199941	-4.70401	2.94958	-1.59481
ENSG00000179845	RNF122	ring finger	ENSG00000112.66746	-3.21036	2.013265	-1.5946
ENSG00000155112	WDR60	WD repeat	ENSG00000157.2777	-1.40392	0.880648	-1.59419
ENSG000001100652988	LINC00702	long interg	ENSG00000142.83921	1.44298	0.905228	1.594051
ENSG00000179901	CYBRD1	cytochrom	ENSG000001270.1251	-0.96107	0.602921	-1.59402
ENSG0000016666	SOX12	SRY-box 12	ENSG00000112.64484	-3.20611	2.012222	-1.59332
ENSG0000019244	CRLF1	cytokine re	ENSG0000016.210012	-4.6923	2.945649	-1.59296
ENSG0000016888	TALDO1	transaldol	ENSG00000152.74602	1.382428	0.868012	1.592637
ENSG00000155266	TMEM19	transmembr	ENSG00000140.21103	1.477297	0.927977	1.591954
ENSG0000015924	RASGRF2	Ras proteir	ENSG00000141.18795	-1.59448	1.001789	-1.59164
ENSG0000013663	IRF5	interferon	ENSG0000019.932441	2.84086	1.785373	1.591186
ENSG000001187229			ENSG0000015.902022	-4.62207	2.906252	-1.59039
ENSG0000017408	VASP	vasodilator	ENSG00000150.91861	1.358208	0.854938	1.588662
ENSG00000111231	SEC63	SEC63 hom	ENSG00000162.99454	-1.3386	0.842606	-1.58864
ENSG00000151699	VPS29	VPS29, retr	ENSG00000141.62883	1.450911	0.913788	1.587798
ENSG0000018360	HIST1H4D	histone clu	ENSG00000111.38921	2.511753	1.582034	1.587673
ENSG0000019881	TRANK1	tetratricop	ENSG00000151.76529	1.516854	0.955419	1.587632
ENSG00000110906	TRAFD1	TRAF-type	ENSG00000142.93978	1.43765	0.90632	1.58625

ENSG0000016161	RPL32	ribosomal	ENSG00000240.2949	0.937628	0.591274	1.585776
ENSG00000261624			ENSG000005.840424	-4.60773	2.906226	-1.58547
ENSG000007490	WT1	Wilms tum	ENSG000005.840424	-4.60773	2.906226	-1.58547
ENSG0000056106	PCDHGA10	protocadhe	ENSG0000031.06144	-1.80144	1.136756	-1.58472
ENSG000006155	RPL27	ribosomal	ENSG00000166.1571	1.001378	0.632202	1.583953
ENSG000008425	LTBP4	latent tran	ENSG0000059.73887	-1.35906	0.858156	-1.58369
ENSG0000022982	DIP2C	disco inter	ENSG0000092.85972	-1.16854	0.738339	-1.58267
ENSG00000280187			ENSG000004.374763	4.041655	2.554343	1.582268
ENSG000004050	LTB	lymphotox	ENSG000004.374763	4.041655	2.554343	1.582268
ENSG00000223946			ENSG000004.374763	4.041655	2.554343	1.582268
ENSG0000010537109C	LOC105371	uncharacte	ENSG000004.374763	4.041655	2.554343	1.582268
ENSG000008530	CST7	cystatin F	ENSG000004.374763	4.041655	2.554343	1.582268
ENSG00000388591	RNF207	ring finger	ENSG0000047.36488	-1.49342	0.944504	-1.58117
ENSG0000057493	HEG1	heart deve	ENSG00000331.9294	-1.01981	0.645165	-1.5807
ENSG00000165904	XIRP1	xin actin bi	ENSG00000739.2986	0.904658	0.57285	1.579223
ENSG000001265	CNN2	calponin 2	ENSG0000046.98576	1.386902	0.87861	1.57852
ENSG000009956	HS3ST2	heparan su	ENSG000006.491583	-4.7709	3.02349	-1.57795
ENSG0000056112	PCDHGA3	protocadhe	ENSG0000027.67002	-1.9085	1.210374	-1.57678
ENSG00000113278	SLC52A3	solute carr	ENSG000005.739853	-4.58746	2.910774	-1.57603
ENSG000002909	ARHGAP35	Rho GTPas	ENSG00000256.862	-0.91166	0.579113	-1.57423
ENSG00000230	ALDOC	aldolase, fr	ENSG00000155.4133	0.986463	0.626688	1.57409
ENSG000001808	DPYSL2	dihydropyr	ENSG00000384.8512	-0.85878	0.545644	-1.57389
ENSG0000023384	SPECC1L	sperm anti	ENSG0000027.44626	-1.89673	1.205152	-1.57385
ENSG000004162	MCAM	melanoma	ENSG0000098.44708	-1.14083	0.725227	-1.57306
ENSG000006637	SNRPG	small nucle	ENSG0000024.29862	1.832261	1.166402	1.570865
ENSG0000026234	FBXL5	F-box and l	ENSG00000172.7839	0.957882	0.609936	1.570463
ENSG000008322	FZD4	frizzled cla	ENSG00000112.8511	-1.09224	0.695551	-1.57032
ENSG000004739	NEDD9	neural pre	ENSG00000172.3489	-1.00098	0.638004	-1.56892
ENSG0000079627	OGFRL1	opioid gro	ENSG0000098.30547	1.090198	0.695296	1.567963
ENSG00000283140	LOC283140	uncharacte	ENSG0000028.66894	1.655061	1.055626	1.567848
ENSG0000025921	ZDHHC5	zinc finger	ENSG0000080.49201	-1.21192	0.773269	-1.56727
ENSG0000026032	SUSD5	sushi dom	ENSG000006.138344	-4.69007	2.99279	-1.56712
ENSG0000080223	RAB11FIP1	RAB11 fam	ENSG0000038.91643	1.495727	0.954475	1.567068
ENSG00000124540	MSI2	musashi R	ENSG00000143.375	-1.0458	0.667965	-1.56565
ENSG00000967	CD63	CD63 mole	ENSG00000245.0299	0.91383	0.583869	1.565128
ENSG000006328	SCN3A	sodium vol	ENSG0000012.33685	-3.17086	2.027747	-1.56373
ENSG000001639	DCTN1	dynactin sl	ENSG00000190.0802	-0.9841	0.62938	-1.5636
ENSG000001955	MEGF9	multiple EC	ENSG0000062.33267	1.243915	0.796196	1.562323
ENSG00000246334			ENSG000003.456025	4.820674	3.086145	1.562037
ENSG000007941	PLA2G7	phospholip	ENSG000003.456025	4.820674	3.086145	1.562037
ENSG00000286103	ZNF252P-A	ZNF252P a	ENSG000003.456025	4.820674	3.086145	1.562037
ENSG00000257497			ENSG000003.456025	4.820674	3.086145	1.562037
ENSG0000010166	SLC25A15	solute carr	ENSG000003.456025	4.820674	3.086145	1.562037
ENSG00000255809	C19orf38	chromosor	ENSG000003.456025	4.820674	3.086145	1.562037
ENSG0000064760	FAM160B2	family with	ENSG0000027.26146	-1.8863	1.20769	-1.56191
ENSG000006709	SPTAN1	spectrin al	ENSG00000594.2511	-0.81856	0.52408	-1.5619
ENSG0000026157	GIMAP2	GTPase, IV	ENSG0000018.04558	2.101101	1.345264	1.56185

ENSG0000I	ENSG0000I	9563	H6PD	hexose-6-p	ENSG0000I	130.6628	-1.05619	0.676306	-1.56171
ENSG0000I	ENSG0000I	56109	PCDHGA6	protocadhe	ENSG0000I	37.60795	-1.64246	1.052013	-1.56125
ENSG0000I	ENSG0000I	51660	MPC1	mitochond	ENSG0000I	139.4003	0.992635	0.636139	1.560405
ENSG0000I	ENSG0000I	152098	ZCWPW2	zinc finger	ENSG0000I	5.756201	-4.58472	2.940056	-1.5594
ENSG0000I	ENSG0000I	8148	TAF15	TATA-box t	ENSG0000I	46.7816	-1.47171	0.944146	-1.55878
ENSG0000I	ENSG0000I	9046	DOK2	docking pr	ENSG0000I	6.884585	3.449672	2.21379	1.558266
ENSG0000I	ENSG0000I	2207	FCER1G	Fc fragmer	ENSG0000I	26.02402	2.033482	1.305161	1.558032
ENSG0000I	ENSG0000I	126393	HSPB6	heat shock	ENSG0000I	44.58735	-1.91748	1.230722	-1.55801
ENSG0000I	ENSG0000I	200424	TET3	tet methyl	ENSG0000I	23.90641	1.895552	1.217161	1.557356
ENSG0000I	ENSG0000I	56829	ZC3HAV1	zinc finger	ENSG0000I	59.58757	1.260084	0.809813	1.556019
ENSG0000I	ENSG0000I	2171	FABP5	fatty acid b	ENSG0000I	38.88895	-1.69275	1.088556	-1.55505
ENSG0000I	ENSG0000I	11224	RPL35	ribosomal	ENSG0000I	135.916	1.009841	0.6494	1.555036
ENSG0000I	ENSG0000I	342132	ZNF774	zinc finger	ENSG0000I	5.594032	-4.54906	2.925835	-1.55479
ENSG0000I	ENSG0000I	5243	ABCB1	ATP bindin	ENSG0000I	12.82335	-3.22189	2.073661	-1.55372
ENSG0000I	ENSG0000I	79791	FBXO31	F-box prote	ENSG0000I	43.55862	-1.51144	0.973218	-1.55303
ENSG0000I	ENSG0000I	27130	INVS	inversin	ENSG0000I	23.60731	-2.01529	1.298965	-1.55146
ENSG0000I	ENSG0000I	79644	SRD5A3	steroid 5 a	ENSG0000I	5.700881	-4.58134	2.953268	-1.55128
ENSG0000I	ENSG0000I	23516	SLC39A14	solute carr	ENSG0000I	294.1739	-0.93318	0.601756	-1.55076
ENSG0000I	ENSG0000I	8364	HIST1H4C	histone clu	ENSG0000I	19.95616	1.898493	1.224257	1.55073
ENSG0000I	ENSG0000I	23348	DOCK9	dedicator c	ENSG0000I	144.2472	-1.01701	0.656	-1.55032
ENSG0000I	ENSG0000I	51574	LARP7	La ribonucl	ENSG0000I	55.64844	1.281271	0.826632	1.549989
ENSG0000I	ENSG0000I	7168	TPM1	tropomyos	ENSG0000I	4869.222	0.752146	0.485385	1.549588
ENSG0000I	ENSG0000I	63893	UBE2O	ubiquitin c	ENSG0000I	52.86174	-1.39404	0.899627	-1.54957
ENSG0000I	ENSG0000I	2012	EMP1	epithelial r	ENSG0000I	121.4829	-1.06914	0.690071	-1.54932
ENSG0000I	ENSG0000I	139818	DOCK11	dedicator c	ENSG0000I	56.31517	1.507688	0.973553	1.548645
ENSG0000I	ENSG0000I	57211	ADGRG6	adhesion G	ENSG0000I	16.65041	2.221486	1.434745	1.548349
ENSG0000I	ENSG0000I	55262	C7orf43	chromosor	ENSG0000I	8.341356	2.811717	1.816381	1.547977
ENSG0000I	ENSG0000I	5691	PSMB3	proteasom	ENSG0000I	51.27813	1.330494	0.85953	1.547933
ENSG0000I	ENSG0000I	9875	URB1	URB1 ribos	ENSG0000I	51.49299	-1.48365	0.958844	-1.54733
ENSG0000I	ENSG0000I	868	CBLB	Cbl proto-c	ENSG0000I	176.2429	-0.97596	0.63077	-1.54725
ENSG0000I	ENSG0000I	6793	STK10	serine/thre	ENSG0000I	40.60952	1.43894	0.930529	1.546367
ENSG0000I	ENSG0000I	56098	PCDHGC4	protocadhe	ENSG0000I	12.12943	-3.14487	2.034227	-1.54598
ENSG0000I	ENSG0000I	6446	SGK1	serum/gluc	ENSG0000I	67.49851	-1.35099	0.874367	-1.5451
ENSG0000I	ENSG0000I	23741	EID1	EP300 inte	ENSG0000I	202.7084	0.943169	0.610536	1.544821
ENSG0000I	ENSG0000I	112	ADCY6	adenylate c	ENSG0000I	149.0992	-0.99603	0.645368	-1.54335
ENSG0000I	ENSG0000I	3949	LDLR	low density	ENSG0000I	33.65588	-1.67791	1.088354	-1.5417
ENSG0000I	ENSG0000I	9659	PDE4DIP	phosphodi	ENSG0000I	1772.961	-0.80535	0.523058	-1.53969
ENSG0000I	ENSG0000I	51294	PCDH12	protocadhe	ENSG0000I	26.94719	-1.86595	1.213444	-1.53773
ENSG0000I	ENSG0000I	728233	PI4KAP1	phosphatic	ENSG0000I	5.55506	-4.54295	2.955052	-1.53735
ENSG0000I	ENSG0000I	81539	SLC38A1	solute carr	ENSG0000I	357.4805	-0.9035	0.588356	-1.53564
ENSG0000I	ENSG0000I	162466	PHOSPHO1	phosphoet	ENSG0000I	9.405915	2.650906	1.726447	1.535469
ENSG0000I	ENSG0000I	3915	LAMC1	laminin sul	ENSG0000I	508.1964	-0.80538	0.524678	-1.53499
ENSG0000I	ENSG0000I	54209	TREM2	triggering r	ENSG0000I	3.517623	4.712865	3.070331	1.53497
ENSG0000I	ENSG0000I	5251	PHEX	phosphate	ENSG0000I	3.517623	4.712865	3.070331	1.53497
ENSG0000I	ENSG0000I	11190	CEP250	centrosom	ENSG0000I	43.26698	-1.49967	0.97709	-1.53484
ENSG0000I	ENSG0000I	8676	STX11	syntaxin 11	ENSG0000I	9.467513	2.62009	1.707662	1.534314
ENSG0000I	ENSG0000I	201475	RAB12	RAB12, me	ENSG0000I	72.3679	1.173343	0.76486	1.534063

ENSG00000158484	NLRC4	NLR family	ENSG00000158484	10.53207	2.503565	1.632235	1.533826
ENSG0000016171	RPL41	ribosomal	ENSG0000016171	172.8306	0.934346	0.609174	1.53379
ENSG0000019420	CYP7B1	cytochrom	ENSG0000019420	5.470837	-4.51881	2.947662	-1.53302
ENSG0000018512	MBL1P	mannose b	ENSG0000018512	5.470837	-4.51881	2.947662	-1.53302
ENSG00000184700	MYO18B	myosin XVI	ENSG00000184700	405.267	-0.82884	0.540715	-1.53286
ENSG0000018501	SLC43A1	solute carr	ENSG0000018501	11.96098	-3.12125	2.036411	-1.53272
ENSG00000189795	NAV3	neuron na	ENSG00000189795	26.41662	1.672713	1.091614	1.53233
ENSG00000184243	ZDHHC18	zinc finger	ENSG00000184243	35.54424	1.492481	0.974265	1.531905
ENSG0000013936	LCP1	lymphocyt	ENSG0000013936	164.1469	3.179425	2.076237	1.53134
ENSG00000179940	LINC00472	long interg	ENSG00000179940	12.06155	-3.13151	2.045155	-1.53118
ENSG000001118490	MSS51	MSS51 mit	ENSG000001118490	10.59367	2.477613	1.619478	1.529884
ENSG0000015141	PDE4A	phosphodi	ENSG0000015141	33.49371	-1.67094	1.092307	-1.52974
ENSG0000013311	HSPA7	heat shock	ENSG0000013311	4.313165	4.165526	2.72351	1.52947
ENSG00000129842	TFCP2L1	transcripti	ENSG00000129842	4.313165	4.165526	2.72351	1.52947
ENSG00000155840	EAF2	ELL associa	ENSG00000155840	4.313165	4.165526	2.72351	1.52947
ENSG0000010283652			ENSG0000010283652	4.313165	4.165526	2.72351	1.52947
ENSG0000016517	SLC2A4	solute carr	ENSG0000016517	149.1182	-1.03439	0.676654	-1.52869
ENSG0000016164	RPL34	ribosomal	ENSG0000016164	133.4232	1.062419	0.695468	1.527633
ENSG0000014818	NKG7	natural kill	ENSG0000014818	5.170305	3.813392	2.497342	1.52698
ENSG000001335	APOA1	apolipopro	ENSG000001335	10.47047	2.530164	1.65733	1.526651
ENSG00000123131	GPATCH8	G-patch do	ENSG00000123131	79.27012	-1.18511	0.776535	-1.52615
ENSG0000014939	OAS2	2'-5'-oligo	ENSG0000014939	26.17023	1.703878	1.11752	1.524696
ENSG00000151363	CHST15	carbohydr	ENSG00000151363	35.17426	1.74438	1.144602	1.524007
ENSG00000164094	SMOC2	SPARC rela	ENSG00000164094	40.00504	-1.54484	1.0143	-1.52306
ENSG000001119391	GSTO2	glutathion	ENSG000001119391	5.548782	-4.53124	2.975604	-1.5228
ENSG0000014323	MMP14	matrix met	ENSG0000014323	37.38418	-1.63342	1.072827	-1.52254
ENSG000001767	CA8	carbonic ar	ENSG000001767	11.83779	-3.10642	2.040931	-1.52206
ENSG0000015204	PFDN5	prefoldin s	ENSG0000015204	139.7999	1.009064	0.662989	1.521992
ENSG00000125925	ZNF521	zinc finger	ENSG00000125925	30.02434	-1.74489	1.146459	-1.52199
ENSG00000185004	RERG	RAS like es	ENSG00000185004	5.386614	-4.49415	2.952878	-1.52196
ENSG0000018622	PDE8B	phosphodi	ENSG0000018622	5.487184	-4.51588	2.969987	-1.52051
ENSG000001374569	ASPG	asparagina	ENSG000001374569	5.487184	-4.51588	2.969987	-1.52051
ENSG0000010234638			ENSG0000010234638	5.409239	-4.50342	2.962201	-1.5203
ENSG00000151303	FKBP11	FK506 bind	ENSG00000151303	5.409239	-4.50342	2.962201	-1.5203
ENSG00000164129	TINAGL1	tubulointe	ENSG00000164129	168.5663	-0.96111	0.632843	-1.51871
ENSG00000184191	CIAO2A	cytosolic ir	ENSG00000184191	37.01735	1.464331	0.964416	1.51836
ENSG0000011627	DBN1	drebrin 1	ENSG0000011627	23.7016	-2.01788	1.330578	-1.51655
ENSG0000015320	PLA2G2A	phospholip	ENSG0000015320	41.22941	-1.60061	1.055438	-1.51654
ENSG0000010227671			ENSG0000010227671	23.7721	1.753106	1.156121	1.516369
ENSG00000181621	KAZALD1	Kazal type	ENSG00000181621	5.733576	-4.57674	3.018327	-1.51632
ENSG00000184418	CYSTM1	cysteine ric	ENSG00000184418	43.97688	1.356806	0.896212	1.513935
ENSG00000110766	TOB2	transducer	ENSG00000110766	124.9998	-1.02223	0.675515	-1.51327
ENSG00000110567	RABAC1	Rab accept	ENSG00000110567	8.218161	2.889741	1.911168	1.512029
ENSG00000110712	FAM189B	family with	ENSG00000110712	5.325016	-4.47853	2.962465	-1.51176
ENSG00000183598	LRRC2-AS1	LRRC2 anti	ENSG00000183598	5.325016	-4.47853	2.962465	-1.51176
ENSG0000019501	RPH3AL	rabphilin 3	ENSG0000019501	5.325016	-4.47853	2.962465	-1.51176
ENSG00000151260	PBDC1	polysaccha	ENSG00000151260	5.325016	-4.47853	2.962465	-1.51176

ENSG0000I	ENSG0000I	4514	COX3	cytochrom	ENSG0000I	39095.16	-0.9177	0.607066	-1.51169
ENSG0000I	ENSG0000I	1891	ECH1	enoyl-CoA	ENSG0000I	90.386	-1.1884	0.786777	-1.51046
ENSG0000I	ENSG0000I	84976	DISP1	dispatched	ENSG0000I	11.71459	-3.09142	2.048038	-1.50946
ENSG0000I	ENSG0000I	10501	SEMA6B	semaphori	ENSG0000I	11.71459	-3.09142	2.048038	-1.50946
ENSG0000I	ENSG0000I	3762	KCNJ5	potassium	ENSG0000I	22.71866	1.928825	1.27846	1.508709
ENSG0000I	ENSG0000I	55601	DDX60	DExD/H-bc	ENSG0000I	45.39467	1.33676	0.886197	1.508423
ENSG0000I	ENSG0000I	10213	PSMD14	proteasom	ENSG0000I	41.14128	1.401278	0.929178	1.508084
ENSG0000I	ENSG0000I	58533	SNX6	sorting nex	ENSG0000I	65.76162	1.196252	0.794265	1.506111
ENSG0000I	ENSG0000I	51435	SCARA3	scavenger	ENSG0000I	5.347641	-4.48784	2.979832	-1.50607
ENSG0000I	ENSG0000I	9365	KL	klotho	ENSG0000I	5.347641	-4.48784	2.979832	-1.50607
ENSG0000I	ENSG0000I	3491	CYR61	cysteine ric	ENSG0000I	48.75378	-1.39282	0.925424	-1.50506
ENSG0000I	ENSG0000I	56255	TMX4	thioredoxir	ENSG0000I	277.8815	0.840069	0.558878	1.503134
ENSG0000I	ENSG0000I	91754	NEK9	NIMA relat	ENSG0000I	113.3612	-1.04733	0.696807	-1.50304
ENSG0000I	ENSG0000I	273	AMPH	amphiphys	ENSG0000I	5.431864	-4.51229	3.002272	-1.50296
ENSG0000I	ENSG0000I	11342	RNF13	ring finger	ENSG0000I	55.77792	1.271197	0.845863	1.502841
ENSG0000I	ENSG0000I	4645	MYO5B	myosin VB	ENSG0000I	5.263418	-4.46273	2.974369	-1.50039
ENSG0000I	ENSG0000I	9687	GREB1	growth reg	ENSG0000I	12.53171	-3.18606	2.125033	-1.4993
ENSG0000I	ENSG0000I	8477	GPR65	G protein-c	ENSG0000I	6.419657	3.104032	2.070974	1.498827
ENSG0000I	ENSG0000I	22848	AAK1	AP2 associ	ENSG0000I	327.8739	-0.87607	0.584914	-1.49777
ENSG0000I	ENSG0000I	280339			ENSG0000I	11.56877	-3.0716	2.05168	-1.49711
ENSG0000I	ENSG0000I	55102	ATG2B	autophagy	ENSG0000I	78.37885	-1.16515	0.778345	-1.49696
ENSG0000I	ENSG0000I	23148	NACAD	NAC alpha	ENSG0000I	5.240793	-4.45314	2.97512	-1.49679
ENSG0000I	ENSG0000I	270015			ENSG0000I	5.240793	-4.45314	2.97512	-1.49679
ENSG0000I	ENSG0000I	54581	SCAND2P	SCAN dom	ENSG0000I	5.240793	-4.45314	2.97512	-1.49679
ENSG0000I	ENSG0000I	196527	ANO6	anoctamin	ENSG0000I	168.595	0.916218	0.612362	1.496204
ENSG0000I	ENSG0000I	9452	ITM2A	integral m	ENSG0000I	81.76778	-1.15971	0.775156	-1.4961
ENSG0000I	ENSG0000I	6523	SLC5A1	solute carr	ENSG0000I	253.197	-0.95167	0.636347	-1.49552
ENSG0000I	ENSG0000I	23221	RHOBTB2	Rho relate	ENSG0000I	42.35936	-1.46451	0.979471	-1.49521
ENSG0000I	ENSG0000I	439	ASNA1	arsA arseni	ENSG0000I	30.74797	1.533773	1.025932	1.495005
ENSG0000I	ENSG0000I	257364	SNX33	sorting nex	ENSG0000I	42.40461	-1.46723	0.981821	-1.4944
ENSG0000I	ENSG0000I	388	RHOB	ras homolc	ENSG0000I	147.7742	-0.97904	0.655241	-1.49417
ENSG0000I	ENSG0000I	27005	USP21	ubiquitin s	ENSG0000I	11.54614	-3.06689	2.053025	-1.49384
ENSG0000I	ENSG0000I	83643	CCDC3	coiled-coil	ENSG0000I	11.54614	-3.06689	2.053025	-1.49384
ENSG0000I	ENSG0000I	127294	MYOM3	myomesin	ENSG0000I	623.9733	-0.9352	0.626299	-1.49322
ENSG0000I	ENSG0000I	4653	MYOC	myocilin	ENSG0000I	11.98988	-3.13126	2.097075	-1.49315
ENSG0000I	ENSG0000I	10412	NSA2	NSA2, ribo	ENSG0000I	33.16873	1.506881	1.009599	1.492553
ENSG0000I	ENSG0000I	57713	SFMBT2	Scm like wi	ENSG0000I	45.64107	1.320804	0.885338	1.491864
ENSG0000I	ENSG0000I	259820			ENSG0000I	22.77763	-1.95672	1.311842	-1.49158
ENSG0000I	ENSG0000I	11030	RBPM5	RNA bindir	ENSG0000I	127.9726	-1.01906	0.683372	-1.49122
ENSG0000I	ENSG0000I	124565	SLC38A10	solute carr	ENSG0000I	26.26962	-1.8265	1.225157	-1.49083
ENSG0000I	ENSG0000I	93649	MYOCD	myocardin	ENSG0000I	67.74636	1.157628	0.776727	1.490392
ENSG0000I	ENSG0000I	284723	SLC25A34	solute carr	ENSG0000I	24.37918	-2.06189	1.383726	-1.4901
ENSG0000I	ENSG0000I	2275	FHL3	four and a	ENSG0000I	11.64671	-3.07756	2.065637	-1.48988
ENSG0000I	ENSG0000I	1345	COX6C	cytochrom	ENSG0000I	170.4151	0.90918	0.610389	1.489509
ENSG0000I	ENSG0000I	9654	TTL4	tubulin tyr	ENSG0000I	20.4326	1.803386	1.211296	1.488807
ENSG0000I	ENSG0000I	64762	GAREM1	GRB2 asso	ENSG0000I	38.87262	1.395785	0.937751	1.488439
ENSG0000I	ENSG0000I	7852	CXCR4	C-X-C moti	ENSG0000I	31.99209	1.631318	1.096025	1.488394

ENSG0000013431	SP110	SP110 nucl	ENSG0000017484216	2.836412	1.906153	1.48803
ENSG0000016563	SLC14A1	solute carr	ENSG00000154.0032	-1.428	0.959687	-1.48799
ENSG0000014345	CD200	CD200 mol	ENSG0000015.179195	-4.43706	2.982167	-1.48787
ENSG000001219743	TYSND1	trypsin dor	ENSG0000015.179195	-4.43706	2.982167	-1.48787
ENSG00000151162	EGFL7	EGF like do	ENSG00000133.14674	-1.65508	1.112429	-1.48781
ENSG00000110095	ARPC1B	actin relat	ENSG00000125.55948	1.643963	1.105157	1.487537
ENSG00000110209	EIF1	eukaryotic	ENSG000001248.0983	-0.91481	0.615299	-1.48678
ENSG00000151167	CYB5R4	cytochrom	ENSG00000133.53831	1.472543	0.990975	1.485954
ENSG0000016206	RPS12	ribosomal	ENSG000001222.2148	0.897224	0.6042	1.484978
ENSG00000155691	FRMD4A	FERM dom	ENSG00000135.90335	-1.56308	1.052625	-1.48494
ENSG0000014537	ND3	NADH deh	ENSG0000015265.757	-0.80525	0.542471	-1.48442
ENSG00000110975	UQCR11	ubiquinol-c	ENSG00000125.62108	1.636155	1.102494	1.484048
ENSG00000122898	DENND3	DENN dom	ENSG00000179.60899	1.126113	0.758931	1.483816
ENSG0000019294	S1PR2	sphingosin	ENSG00000111.42295	-3.05148	2.056706	-1.48368
ENSG0000017100	TLR5	toll like rec	ENSG00000111.80405	2.31951	1.564755	1.482347
ENSG0000014938	OAS1	2'-5'-oligo	ENSG00000111.80405	2.31951	1.564755	1.482347
ENSG00000156102	PCDHGB3	protocadh	ENSG00000122.67706	-1.95092	1.316994	-1.48134
ENSG00000123576	DDAH1	dimethylar	ENSG00000117.95024	1.908091	1.288447	1.480923
ENSG000001100506622	LINC00540	long interg	ENSG0000015.218167	-4.4436	3.002909	-1.47977
ENSG000001150572	SMYD1	SET and M'	ENSG000001453.193	0.778316	0.526201	1.479123
ENSG000001871	SERPINH1	serpin fam	ENSG00000142.38826	-1.46756	0.992225	-1.47906
ENSG0000018295	TRRAP	transforma	ENSG00000195.03409	-1.07856	0.729252	-1.479
ENSG00000110008	KCNE3	potassium	ENSG0000018.548775	2.654914	1.795511	1.47864
ENSG0000014915	NTRK2	neurotrop	ENSG00000132.03314	-1.85635	1.25643	-1.47748
ENSG000001164832	LONRF2	LON peptic	ENSG00000196.19817	-1.09891	0.743957	-1.47712
ENSG0000015918	RARRES1	retinoic aci	ENSG00000145.20921	-3.4732	2.352821	-1.47618
ENSG00000184628	NTNG2	netrin G2	ENSG0000015.439322	3.330807	2.256679	1.475977
ENSG00000180183	RUBCNL	RUN and c	ENSG0000015.439322	3.330807	2.256679	1.475977
ENSG000001222487	ADGRG3	adhesion G	ENSG0000015.439322	3.330807	2.256679	1.475977
ENSG0000012720	GLB1	galactosid	ENSG00000132.22736	1.490942	1.010527	1.475411
ENSG0000013032	HADHB	hydroxyac	ENSG000001878.0269	0.735893	0.499092	1.474466
ENSG0000012494	NR5A2	nuclear rec	ENSG0000015.661908	-4.57384	3.102536	-1.47423
ENSG0000019256	TSPOAP1	TSPO assoc	ENSG00000115.30715	-2.43199	1.651123	-1.47293
ENSG000001659	BMPR2	bone morp	ENSG000001320.6843	-0.81904	0.556169	-1.47265
ENSG0000019720	CCDC144A	coiled-coil	ENSG0000015.224445	-4.45601	3.027401	-1.47189
ENSG0000017411	VBP1	VHL bindin	ENSG00000139.9925	1.403423	0.953822	1.471367
ENSG0000012122	MECOM	MDS1 and	ENSG00000154.16262	-1.3097	0.890239	-1.47118
ENSG00000150515	CHST11	carbohydr	ENSG00000127.91865	1.608945	1.094083	1.470588
ENSG000001121260	SLC15A4	solute carr	ENSG00000124.37173	1.661214	1.13063	1.469281
ENSG00000155210	ATAD3A	ATPase fan	ENSG0000015.094972	-4.41094	3.003299	-1.4687
ENSG00000156123	PCDHB13	protocadh	ENSG0000015.094972	-4.41094	3.003299	-1.4687
ENSG0000018797	TNFRSF10A	TNF recept	ENSG0000015.094972	-4.41094	3.003299	-1.4687
ENSG0000019636	ISG15	ISG15 ubiq	ENSG0000015.500919	3.261549	2.220988	1.468512
ENSG0000015567	PRKACB	protein kin	ENSG00000151.5134	1.24577	0.848373	1.468423
ENSG0000017138	TNNT1	troponin T	ENSG00000125.87113	-1.79936	1.225839	-1.46786
ENSG00000111155	LDB3	LIM domai	ENSG0000011751.795	-0.82316	0.560939	-1.46747
ENSG0000014288	MKI67	marker of	ENSG0000017.361021	2.923663	1.992523	1.467318

ENSG00000201595	STT3B	STT3B, catalytic subunit	185.4429	0.885204	0.603503	1.466778
ENSG00000202052	DNAJC18	DnaJ heat shock domain containing 18	15.2003	-2.41869	1.649402	-1.4664
ENSG00000112724	RDH13	retinol dehydrogenase 13	19.07822	-2.13304	1.454663	-1.46635
ENSG0000009861	PSMD6	proteasome subunit 26S class II	72.48626	1.115905	0.761128	1.466119
ENSG0000001580	CYP4B1	cytochrome P450 4B1	65.74591	-1.2082	0.82414	-1.46602
ENSG00000055384	MEG3	maternally expressed gene 3	55.52785	-1.34912	0.920527	-1.46559
ENSG00000028951	TRIB2	tribbles protein 2	81.18449	-1.14674	0.782819	-1.46489
ENSG00000023360	FNBP4	formin binding protein 4	81.56912	-1.15831	0.790819	-1.46469
ENSG0000009989	PPP4R1	protein phosphatase 4 regulatory subunit 1	99.19818	1.023653	0.698892	1.464679
ENSG00000025802	LMOD1	leiomodin 1	39.9849	-1.54887	1.057649	-1.46444
ENSG0000001340	COX6B1	cytochrome c oxidase subunit 6B1	229.239	0.846251	0.577927	1.464286
ENSG0000004940	OAS3	2'-5'-oligoadenylate synthetase 3	44.56016	1.311385	0.895832	1.463875
ENSG000000221472	FGD2	FYVE, Rho GTPase domain containing 2	19.98991	2.087361	1.426931	1.462832
ENSG00000051714	SELENOT	selenoprotein T	81.13259	1.07218	0.733039	1.462651
ENSG000000140876	RIPOR3	RIPOR family protein 3	23.1824	-1.98991	1.360762	-1.46235
ENSG00000022847	ZNF507	zinc finger protein 507	47.8009	-1.35888	0.930333	-1.46064
ENSG000000266722	HS6ST3	heparan sulfate 6-O-sulfotransferase 3	11.26078	-3.03283	2.077833	-1.45961
ENSG0000005110	PCMT1	protein-L-isoaspartyl methyltransferase 1	71.28216	1.112246	0.762955	1.457813
ENSG00000022909	FAN1	FANCD2 associated protein 1	22.40176	-1.92819	1.323199	-1.45722
ENSG00000057823	SLAMF7	SLAM family member 7	7.092004	3.192253	2.192115	1.456244
ENSG0000000261971			ENSG0000009551736	2.552412	1.753102	1.455941
ENSG000000126626	GABPB2	GA binding protein beta 2	35.66703	-1.54954	1.0646	-1.45552
ENSG0000007099	TLR4	toll like receptor 4	109.1502	1.031726	0.708881	1.455429
ENSG0000006160	RPL31	ribosomal protein L31	213.9617	0.916546	0.629852	1.455177
ENSG0000005721	PSME2	proteasome subunit 26S class II	50.28668	1.245684	0.85616	1.454967
ENSG0000004634	MYL3	myosin light chain 3	3090.293	0.751821	0.516984	1.454243
ENSG00000022852	ANKRD26	ankyrin repeat domain 26	50.64801	-1.32082	0.908322	-1.45414
ENSG0000000179141			ENSG0000004994401	-4.38772	3.017711	-1.45399
ENSG000000667	DST	dystonin	2304.555	-0.72666	0.499857	-1.45373
ENSG000000401397	SMIM30	small integrin membrane protein 30	55.44625	1.229087	0.845495	1.45369
ENSG0000009310	ZNF235	zinc finger protein 235	11.13131	-3.01039	2.071302	-1.45338
ENSG00000054543	TOMM7	translocase of the outer mitochondrial membrane 7	78.11325	1.134935	0.781997	1.451329
ENSG00000058513	EPS15L1	epidermal protein 15L1	62.48397	-1.21892	0.840019	-1.45106
ENSG00000057502	NLGN4X	neuroligin 4X	11.19918	-3.02493	2.08557	-1.45041
ENSG000000143	PARP4	poly(ADP-ribose) polymerase 4	98.97442	1.029441	0.709821	1.450282
ENSG00000055243	KIRREL1	kirre like receptor 1	26.13007	-1.81971	1.255163	-1.44978
ENSG0000005607	MAP2K5	mitogen-activated protein kinase 5	18.9324	-2.12027	1.462746	-1.44951
ENSG0000006235	RPS29	ribosomal protein S29	52.97645	1.226952	0.846931	1.448705
ENSG0000004541	ND6	NADH dehydrogenase subunit 6	1491.998	-0.7829	0.540636	-1.4481
ENSG00000063035	BCORL1	BCL6 corepressor 1	14.99288	-2.39682	1.655714	-1.4476
ENSG000000338328	GPIHBP1	glycosylphosphatidylinositol-anchored protein 1	22.178	-1.91377	1.322147	-1.44747
ENSG00000027230	SERP1	stress associated protein 1	44.82918	1.292252	0.892916	1.447227
ENSG0000006781	STC1	stanniocalcins 1	25.56314	-1.78074	1.230494	-1.44717
ENSG00000057704	GBA2	glucosylceramidase 2	71.75818	-1.17554	0.813363	-1.44529
ENSG00000010180	RBM6	RNA binding motif protein 6	111.815	-1.02317	0.708087	-1.44498
ENSG0000002870	GRK6	G protein-coupled receptor kinase 6	24.57915	1.62946	1.128289	1.444187
ENSG0000007485	WRB	tryptophan tryptophan transferase	21.33499	1.815765	1.257337	1.444135

ENSG00000255812	SDHAP1	succinate c	ENSG000001869229	-2.10446	1.45734	-1.44404
ENSG000001806	DPYD	dihydropyr	ENSG000007838227	1.124645	0.778967	1.443765
ENSG0000010046	MAMLD1	mastermin	ENSG000005072346	-4.40131	3.049153	-1.44345
ENSG0000057613	FAM234B	family with	ENSG000004910178	-4.36068	3.023006	-1.4425
ENSG000005600	MAPK11	mitogen-act	ENSG000004910178	-4.36068	3.023006	-1.4425
ENSG0000023198	PSME4	proteasom	ENSG000002319427	-0.86182	0.597603	-1.44212
ENSG000003097	HIVEP2	human imr	ENSG000001281145	-0.97368	0.675354	-1.44173
ENSG000004354	MPP1	membrane	ENSG000004573157	1.309017	0.908164	1.441388
ENSG00000752	FMNL1	formin like	ENSG000001939067	1.803224	1.251044	1.441375
ENSG0000010043	TOM1	target of m	ENSG000004457793	-1.38752	0.962752	-1.4412
ENSG000001025	CDK9	cyclin depe	ENSG000002907775	-1.69389	1.175791	-1.44064
ENSG0000055080	TAPBPL	TAP bindin	ENSG000002178252	1.754335	1.217813	1.440562
ENSG000003162	HMOX1	heme oxyg	ENSG000001207307	2.211745	1.535791	1.440135
ENSG00000339751	MAP3K20-	MAP3K20 ;	ENSG000004932803	-4.37085	3.035305	-1.44
ENSG000001535	CYBA	cytochrom	ENSG000001213466	2.191524	1.522102	1.439801
ENSG000001633	DCK	deoxycytid	ENSG000001821926	1.848017	1.283592	1.439723
ENSG000006296	ACSM3	acyl-CoA s	ENSG000001894496	-2.12809	1.478256	-1.4396
ENSG0000029990	PILRB	paired imr	ENSG000004949151	-4.36753	3.039277	-1.43703
ENSG000002108	ETFA	electron tr	ENSG000002110878	0.868955	0.604788	1.436792
ENSG00000116828	N4BP2L2-I	N4BPL2 int	ENSG000002543994	-1.77322	1.234177	-1.43676
ENSG00000727910	TLCD2	TLC domai	ENSG000001852384	-2.08834	1.454541	-1.43574
ENSG0000027327	TNRC6A	trinucleoti	ENSG000001635003	-0.90589	0.631072	-1.43548
ENSG0000084689	MS4A14	membrane	ENSG000006565478	2.916804	2.033699	1.434236
ENSG00000116369	SLC26A8	solute carr	ENSG000004582182	3.498959	2.440728	1.433572
ENSG000002204	FCAR	Fc fragmer	ENSG000004582182	3.498959	2.440728	1.433572
ENSG0000011222	MRPL3	mitochond	ENSG000004300282	1.337336	0.932957	1.433439
ENSG00000196	AHR	aryl hydroc	ENSG000005872559	1.177043	0.821165	1.433382
ENSG0000064084	CLSTN2	calsyntenir	ENSG000007242098	-1.37982	0.963137	-1.43263
ENSG000009708	PCDHGA8	protocadh	ENSG000003185698	-1.58703	1.108132	-1.43217
ENSG000005156	PDGFRA	platelet de	ENSG000001328391	-1.18049	0.824307	-1.4321
ENSG000006405	SEMA3F	semaphori	ENSG000001088491	-2.97818	2.079598	-1.43209
ENSG00000259498			ENSG000001099176	-2.99615	2.09263	-1.43176
ENSG0000051352	WT1-AS	WT1 antise	ENSG00000484858	-4.34354	3.034585	-1.43135
ENSG00000388341	LRRC75A	leucine ric	ENSG00000484858	-4.34354	3.034585	-1.43135
ENSG00000266812	NAP1L5	nucleosom	ENSG000004887553	-4.35041	3.039513	-1.43128
ENSG000003213	HOXB3	homeobox	ENSG000004887553	-4.35041	3.039513	-1.43128
ENSG0000051056	LAP3	leucine am	ENSG000001309027	0.948465	0.663439	1.429618
ENSG0000080095	ZNF606	zinc finger	ENSG000002194795	-1.89566	1.326472	-1.4291
ENSG000001756	DMD	dystrophin	ENSG000001032545	-0.71026	0.497033	-1.429
ENSG00000100507436	MICA	MHC class	ENSG000001478546	-2.37461	1.662285	-1.42852
ENSG0000057465	TBC1D24	TBC1 dom	ENSG000001478546	-2.37461	1.662285	-1.42852
ENSG00000127833	SYT2	synaptotag	ENSG000001519402	-2.41395	1.689902	-1.42845
ENSG000009111	NMI	N-myc and	ENSG000001100851	2.274219	1.592357	1.428209
ENSG0000010324	KLHL41	kelch like f	ENSG000008153972	1.107256	0.775614	1.427586
ENSG000006125	RPL5	ribosomal	ENSG000003271902	0.829161	0.580966	1.427209
ENSG000004726	NDUFS6	NADH:ubiq	ENSG000006158761	1.161663	0.814893	1.42554
ENSG0000010313	RTN3	reticulon 3	ENSG00000661779	1.11624	0.783249	1.425141

ENSG00000180760	ITIH5	inter-alpha	ENSG0000012198693	-1.89738	1.332141	-1.42431
ENSG00000110629	TAF6L	TATA-box b	ENSG0000014871205	-4.35375	3.056898	-1.42424
ENSG000001100873986	FGF12-AS1	FGF12 anti	ENSG0000014825955	-4.33311	3.042766	-1.42407
ENSG0000010265749			ENSG0000014825955	-4.33311	3.042766	-1.42407
ENSG00000110299	MARCH6	membrane	ENSG000001262.475	-0.82302	0.578017	-1.42387
ENSG0000011848	DUSP6	dual specif	ENSG00000150.78128	-1.32323	0.930565	-1.42196
ENSG0000010235902			ENSG00000110.84594	-2.97501	2.092468	-1.42177
ENSG000001197135	PATL2	PAT1 homoc	ENSG0000016.627076	2.868164	2.017947	1.421327
ENSG000001090952	ESAM	endothelia	ENSG00000146.93226	-1.32752	0.934564	-1.42047
ENSG000001054796	BNC2	basonuclin	ENSG00000114.68489	-2.36601	1.666977	-1.41934
ENSG000001023325	WASHC4	WASH com	ENSG000001106.5162	0.965474	0.680252	1.41929
ENSG0000010280219			ENSG0000014.786982	-4.32618	3.048981	-1.41889
ENSG0000010286262	TPRN	taperin	ENSG0000014.786982	-4.32618	3.048981	-1.41889
ENSG00000101116	CHI3L1	chitinase 3	ENSG0000014.955428	-4.3805	3.087433	-1.41882
ENSG0000010151636	DTX3L	deltex E3 u	ENSG00000186.82118	1.090671	0.768749	1.418761
ENSG00000105806	PTX3	pentraxin 3	ENSG00000114.84994	-5.95834	4.199731	-1.41874
ENSG0000010401036	ASB18	ankyrin re	ENSG00000111.01439	-3.00084	2.11517	-1.41872
ENSG0000010114793	FMNL2	formin like	ENSG00000146.63919	1.248975	0.880535	1.418427
ENSG0000010272	AMPD3	adenosine	ENSG00000111.94987	2.253661	1.589451	1.417886
ENSG00000109806	SPOCK2	SPARC (ost	ENSG00000126.66562	-1.84479	1.301085	-1.41789
ENSG000001010972	TMED10	transmembr	ENSG000001271.0181	0.798549	0.563394	1.417389
ENSG000001085456	TNKS1BP1	tankyrase 1	ENSG00000164.46242	-1.17367	0.828072	-1.41735
ENSG000001079927	FAM110D	family with	ENSG0000015.24707	-4.46417	3.150477	-1.41698
ENSG00000101796	DOK1	docking pro	ENSG0000017.691635	2.659988	1.878192	1.416249
ENSG00000105493	PPL	periplakin	ENSG00000142.06393	-1.45586	1.028234	-1.41589
ENSG0000010221400	TDRD6	tudor dom	ENSG0000014.764357	-4.31563	3.048719	-1.41555
ENSG00000108325	FZD8	frizzled cla	ENSG0000014.764357	-4.31563	3.048719	-1.41555
ENSG000001065220	NADK	NAD kinase	ENSG00000146.71713	1.247054	0.881118	1.415309
ENSG000001057409	MIF4GD	MIF4G don	ENSG00000114.71759	1.973311	1.394697	1.414867
ENSG000001054918	CMTM6	CKLF like M	ENSG00000154.41688	1.211764	0.856457	1.414857
ENSG0000010233695			ENSG00000111.24443	-3.03378	2.144421	-1.41473
ENSG000001057149	LYRM1	LYR motif c	ENSG00000138.46929	1.333779	0.942813	1.41468
ENSG000001054567	DLL4	delta like c	ENSG00000129.123	-1.6976	1.200005	-1.41466
ENSG000001023479	ISCU	iron-sulfur	ENSG000001212.3939	0.851917	0.602335	1.414356
ENSG0000010116071	BATF2	basic leucir	ENSG0000017.630037	2.698553	1.908858	1.4137
ENSG000001010749	KIF1C	kinesin fan	ENSG0000011057.645	-0.70058	0.495821	-1.41298
ENSG000001085360	SYDE1	synapse de	ENSG00000110.78434	-2.96679	2.1	-1.41276
ENSG00000107127	TNFAIP2	TNF alpha i	ENSG00000173.13219	1.135418	0.804114	1.412011
ENSG00000101969	EPHA2	EPH recept	ENSG00000118.27745	-2.06805	1.464876	-1.41176
ENSG000001055127	HEATR1	HEAT repe	ENSG00000140.74526	-1.39855	0.990764	-1.41158
ENSG0000010262879			ENSG00000110.71647	-2.95159	2.091499	-1.41123
ENSG00000108905	AP1S2	adaptor rel	ENSG000001114.0301	0.942442	0.667979	1.410886
ENSG000001055556	ENOSF1	enolase su	ENSG00000146.72484	-1.3198	0.935727	-1.41045
ENSG000001010868	USP20	ubiquitin s	ENSG00000114.57804	-2.35205	1.669129	-1.40915
ENSG00000106778	STAT6	signal tran	ENSG000001103.8427	0.967885	0.687131	1.408588
ENSG000001010594	PRPF8	pre-mRNA	ENSG000001358.1851	-0.76985	0.546737	-1.40808
ENSG00000105441	POLR2L	RNA polym	ENSG00000133.09601	1.402203	0.996266	1.407459

ENSG0000022979	EFR3B	EFR3 homc	ENSG00000486341	-2.37959	1.691113	-1.40711
ENSG000001368	CPM	carboxype	ENSG00000645927	1.186492	0.843409	1.406781
ENSG0000058525	WIZ	widely inte	ENSG000002163996	-1.8739	1.332273	-1.40654
ENSG00000250258			ENSG000004809607	-4.33638	3.083422	-1.40635
ENSG00000279993			ENSG000004809607	-4.33638	3.083422	-1.40635
ENSG00000271959			ENSG000004702759	-4.29794	3.057331	-1.40578
ENSG00000191585	PLAC4	placenta s	ENSG00000106159	-2.94009	2.092171	-1.40528
ENSG000000974	CD79B	CD79b mol	ENSG000004725384	-4.30859	3.066619	-1.405
ENSG0000009451	EIF2AK3	eukaryotic	ENSG000001451645	-2.34575	1.669923	-1.4047
ENSG0000005211	PFKL	phosphofru	ENSG000003133529	-1.55796	1.11079	-1.40257
ENSG0000009064	MAP3K6	mitogen-ac	ENSG000005047577	-1.31749	0.939563	-1.40224
ENSG0000003274	HRH2	histamine i	ENSG000006815073	1.245149	0.888488	1.401425
ENSG0000007805	LAPTM5	lysosomal |	ENSG000008731961	2.833895	2.022207	1.401387
ENSG0000009208	LRRFIP1	LRR bindin	ENSG000001798588	0.845097	0.603221	1.400974
ENSG00000114548	NLRP3	NLR family	ENSG000004643779	3.411045	2.434929	1.40088
ENSG000000239899			ENSG000004643779	3.411045	2.434929	1.40088
ENSG0000002820	GPD2	glycerol-3-	ENSG00000456136	1.239208	0.884777	1.400588
ENSG0000007780	SLC30A2	solute carr	ENSG000004926525	-4.35793	3.114018	-1.39946
ENSG0000009672	SDC3	syndecan 3	ENSG000006531448	1.101055	0.78704	1.398982
ENSG0000004706	NDUFAB1	NADH:ubic	ENSG000001023393	1.011845	0.723568	1.39841
ENSG0000009797	TATDN2	TatD DNas	ENSG00000105543	-2.9317	2.096721	-1.39823
ENSG00000091851	CHRDL1	chordin lik	ENSG000002628361	-2.19331	1.570585	-1.39649
ENSG0000002086	ERV3-1	endogenot	ENSG000001732315	1.813608	1.298689	1.396492
ENSG000000400759	GBP1P1	guanylate |	ENSG000009759155	2.433059	1.743556	1.395457
ENSG00000084514	GHDC	GH3 doma	ENSG000004641161	-4.28004	3.068684	-1.39475
ENSG000000279281			ENSG000004641161	-4.28004	3.068684	-1.39475
ENSG0000005597	MAPK6	mitogen-ac	ENSG000003946597	1.352066	0.969497	1.394605
ENSG0000009816	URB2	URB2 ribos	ENSG000001441588	-2.33699	1.676432	-1.39402
ENSG0000009415	FADS2	fatty acid d	ENSG000002511718	1.552495	1.113865	1.393791
ENSG00000055352	COPRS	coordinato	ENSG000002511718	1.552495	1.113865	1.393791
ENSG00000011237	RNF24	ring finger	ENSG00000455694	1.318507	0.946349	1.393257
ENSG00000079022	TMEM106	transmeml	ENSG000002981288	1.508297	1.082574	1.39325
ENSG0000001743	DLST	dihydrolip	ENSG00000170693	-0.91587	0.657421	-1.39312
ENSG000000260658			ENSG00000489383	-4.36321	3.133306	-1.39253
ENSG00000029123	ANKRD11	ankyrin re	ENSG000001261246	-0.94521	0.678793	-1.39249
ENSG00000083939	EIF2A	eukaryotic	ENSG000007533964	1.049527	0.753894	1.392142
ENSG0000006529	SLC6A1	solute carr	ENSG000004680134	-4.28722	3.07964	-1.39212
ENSG00000010991	SLC38A3	solute carr	ENSG000004680134	-4.28722	3.07964	-1.39212
ENSG0000007803	PTP4A1	protein tyr	ENSG000005143623	-1.34432	0.965695	-1.39207
ENSG00000010855	HPSE	heparanas	ENSG000005377724	3.408144	2.448626	1.39186
ENSG0000003161	HMMR	hyaluronar	ENSG000003725041	3.777829	2.714304	1.391823
ENSG000000283633			ENSG000003725041	3.777829	2.714304	1.391823
ENSG00000100151684	RNU6ATAC	RNA, U6at	ENSG000001568158	1.963272	1.410992	1.391413
ENSG00000022976	PAXIP1	PAX intera	ENSG00000104927	-2.92326	2.102129	-1.39062
ENSG00000010336	PCGF3	polycomb }	ENSG000003737647	-1.42984	1.028877	-1.38971
ENSG0000002844	GPR21	G protein-c	ENSG000001031654	-0.98628	0.709845	-1.38943
ENSG0000003569	IL6	interleukin	ENSG000004663786	-4.29074	3.088356	-1.38933

ENSG00000157684	ZBTB26	zinc finger	ENSG0000014663786	-4.29074	3.088356	-1.38933
ENSG00000279425			ENSG0000014663786	-4.29074	3.088356	-1.38933
ENSG0000022808	MRAS	muscle RA	ENSG000001275.8437	0.778519	0.560368	1.389298
ENSG0000014047	LSS	lanosterol	ENSG00000155.52262	-1.23017	0.886776	-1.38724
ENSG00000110140	TOB1	transducer	ENSG00000155.8922	-1.24128	0.895035	-1.38685
ENSG0000016443	SGCB	sarcoglyca	ENSG000001125.4432	-0.93668	0.675646	-1.38635
ENSG00000179714	CCDC51	coiled-coil	ENSG0000014.618536	-4.26914	3.081596	-1.38537
ENSG0000017442	TRPV1	transient r	ENSG00000110.40848	-2.90952	2.101234	-1.38467
ENSG0000016710	SPTB	spectrin be	ENSG000001212.4978	-0.82468	0.59563	-1.38456
ENSG0000011737	DLAT	dihydrolipe	ENSG000001173.0778	0.844569	0.610032	1.384466
ENSG0000016258	RXRG	retinoid X r	ENSG00000113.71947	2.316254	1.67356	1.384028
ENSG0000016450	SH3BGR	SH3 domai	ENSG00000145.78205	1.225771	0.885849	1.383725
ENSG0000015028	P2RY1	purinergic	ENSG00000116.02854	1.892723	1.367861	1.38371
ENSG000001440556	LINC00982	long interg	ENSG00000114.4712	-2.33804	1.690347	-1.38317
ENSG000001127428	TCEANC2	transcripti	ENSG00000114.4712	-2.33804	1.690347	-1.38317
ENSG00000179906	MORN1	MORN rep	ENSG0000014.579563	-4.2619	3.082998	-1.38239
ENSG00000273066			ENSG0000014.579563	-4.2619	3.082998	-1.38239
ENSG0000012103	ESRRB	estrogen r	ENSG0000014.579563	-4.2619	3.082998	-1.38239
ENSG0000013292	HSD17B1	hydroxyste	ENSG0000014.579563	-4.2619	3.082998	-1.38239
ENSG0000015737	PTGFR	prostaglan	ENSG00000110.97542	-2.997	2.169297	-1.38155
ENSG0000015292	PIM1	Pim-1 prot	ENSG00000134.71036	-1.50834	1.092585	-1.38052
ENSG00000191543	RSAD2	radical S-a	ENSG00000125.30198	1.529571	1.108062	1.380402
ENSG00000184498	FAM120B	family with	ENSG00000137.23065	-1.42293	1.031544	-1.37941
ENSG00000154520	CCDC93	coiled-coil	ENSG00000191.71539	-1.01451	0.736207	-1.37803
ENSG000001101929709	LOC101929	uncharacte	ENSG00000124.63289	-1.72023	1.248659	-1.37766
ENSG0000016167	RPL37	ribosomal	ENSG000001229.2934	0.81146	0.589225	1.377166
ENSG00000237174			ENSG0000014.556938	-4.25085	3.086763	-1.37712
ENSG000001374920	ZSWIM9	zinc finger	ENSG0000014.556938	-4.25085	3.086763	-1.37712
ENSG000001100506374	EDDM13	epididyma	ENSG0000014.556938	-4.25085	3.086763	-1.37712
ENSG000001349152	DPY19L2P2	DPY19L2 p	ENSG00000110.79441	-2.95856	2.148382	-1.37711
ENSG0000016415	SELENOW	selenoprot	ENSG000001354.1047	0.750918	0.545502	1.376562
ENSG0000016578	SLCO2A1	solute carr	ENSG00000121.48787	-1.85882	1.350426	-1.37647
ENSG0000016233	RPS27A	ribosomal	ENSG000001248.1719	0.832446	0.604793	1.376415
ENSG00000125828	TXN2	thioredoxi	ENSG00000128.27449	-1.64145	1.19308	-1.37581
ENSG0000019220	TIAF1	TGFB1-ind	ENSG00000110.32426	-2.89562	2.104989	-1.3756
ENSG0000016397	SEC14L1	SEC14 like	ENSG000001168.8624	-0.86392	0.62823	-1.37517
ENSG000001127018	LYPLAL1	lysophosph	ENSG00000151.63176	1.16466	0.84708	1.374912
ENSG0000017048	TGFBR2	transformi	ENSG000001461.3847	-0.75899	0.552076	-1.3748
ENSG0000016392	SDHD	succinate c	ENSG00000181.86549	1.049012	0.763587	1.373794
ENSG0000012737	GLI3	GLI family	ENSG00000110.36951	-2.90621	2.115743	-1.37361
ENSG000001158376	SPAAR	small regul	ENSG00000110.36951	-2.90621	2.115743	-1.37361
ENSG0000017027	TFDP1	transcripti	ENSG00000140.67111	-1.39251	1.014072	-1.37319
ENSG0000019411	ARHGAP29	Rho GTPas	ENSG000001121.8833	-0.9298	0.677114	-1.37318
ENSG00000154891	INO80D	INO80 com	ENSG00000174.68428	-1.07871	0.785678	-1.37297
ENSG000001144132	DNHD1	dynein hea	ENSG00000133.95236	-1.46732	1.069257	-1.37228
ENSG00000126577	PCOLCE2	procollage	ENSG00000154.40548	-1.43992	1.049742	-1.37169
ENSG0000011579	CYP4A11	cytochrom	ENSG0000014.602188	-4.27262	3.115123	-1.37157

ENSG0000I	ENSG0000I	23457	ABCB9	ATP bindin	ENSG0000I	4.602188	-4.27262	3.115123	-1.37157
ENSG0000I	ENSG0000I	11064	CNTRL	centriolin	ENSG0000I	45.80467	1.222962	0.892473	1.370308
ENSG0000I	ENSG0000I	744	MPPED2	metallophc	ENSG0000I	14.23108	-2.31776	1.691437	-1.37029
ENSG0000I	ENSG000000261315				ENSG0000I	10.28528	-2.89234	2.110831	-1.37024
ENSG0000I	ENSG0000I	56971	CEACAM15	carcinoeml	ENSG0000I	10.28528	-2.89234	2.110831	-1.37024
ENSG0000I	ENSG0000I	4637	MYL6	myosin lig	ENSG0000I	180.5099	0.834587	0.609293	1.369762
ENSG0000I	ENSG0000I	7706	TRIM25	tripartite n	ENSG0000I	41.84292	1.250729	0.913144	1.369694
ENSG0000I	ENSG0000I	26548	ITGB1BP2	integrin su	ENSG0000I	41.4218	1.288171	0.940562	1.369576
ENSG0000I	ENSG0000I	22853	LMTK2	lemur tyro:	ENSG0000I	138.4317	-0.90056	0.657682	-1.3693
ENSG0000I	ENSG0000I	6774	STAT3	signal tran:	ENSG0000I	590.1964	-0.72501	0.529502	-1.36923
ENSG0000I	ENSG0000I	2651	GCNT2	glucosamir	ENSG0000I	65.93674	1.072545	0.783357	1.369165
ENSG0000I	ENSG0000I	79618	HMBOX1	homeobox	ENSG0000I	60.35446	-1.15859	0.846456	-1.36876
ENSG0000I	ENSG0000I	90326	THAP3	THAP dom:	ENSG0000I	4.517965	-4.24351	3.100678	-1.36858
ENSG0000I	ENSG000000261635				ENSG0000I	4.517965	-4.24351	3.100678	-1.36858
ENSG0000I	ENSG000000220884				ENSG0000I	14.14686	-2.30737	1.686424	-1.3682
ENSG0000I	ENSG0000I	253832	ZDHHC20	zinc finger	ENSG0000I	55.92413	1.13058	0.826544	1.36784
ENSG0000I	ENSG0000I	7076	TIMP1	TIMP meta	ENSG0000I	81.10618	1.06938	0.781859	1.36774
ENSG0000I	ENSG0000I	51177	PLEKHO1	pleckstrin l	ENSG0000I	52.43358	1.185869	0.867074	1.367666
ENSG0000I	ENSG000000230042				ENSG0000I	4.49534	-4.23234	3.094867	-1.36754
ENSG0000I	ENSG0000I	10434	LYPLA1	lysophospt	ENSG0000I	62.97794	1.093266	0.799653	1.367174
ENSG0000I	ENSG0000I	10287	RGS19	regulator c	ENSG0000I	5.64674	3.026555	2.214535	1.366678
ENSG0000I	ENSG0000I	2182	ACSL4	acyl-CoA s	ENSG0000I	119.7291	0.901753	0.659981	1.366331
ENSG0000I	ENSG0000I	126308	MOB3A	MOB kinas	ENSG0000I	30.41251	1.441263	1.054994	1.366133
ENSG0000I	ENSG0000I	80380	PDCD1LG2	programm	ENSG0000I	10.08977	2.271495	1.663273	1.365678
ENSG0000I	ENSG0000I	4204	MECP2	methyl-Cp	ENSG0000I	108.0362	-0.96062	0.703871	-1.36477
ENSG0000I	ENSG0000I	27303	RBMS3	RNA bindir	ENSG0000I	94.85034	-1.01353	0.7433	-1.36356
ENSG0000I	ENSG0000I	285382	C3orf70	chromosor	ENSG0000I	10.24003	-2.88159	2.113631	-1.36334
ENSG0000I	ENSG000000279110				ENSG0000I	10.22369	-2.88367	2.116998	-1.36215
ENSG0000I	ENSG0000I	124976	SPNS2	sphingolipi	ENSG0000I	17.63257	-2.00836	1.474873	-1.36172
ENSG0000I	ENSG0000I	54790	TET2	tet methyl	ENSG0000I	103.5852	0.939013	0.689621	1.361635
ENSG0000I	ENSG0000I	56990	CDC42SE2	CDC42 smæ	ENSG0000I	39.17577	1.273236	0.935146	1.361537
ENSG0000I	ENSG0000I	8365	HIST1H4H	histone clu	ENSG0000I	14.75657	1.972825	1.449112	1.361403
ENSG0000I	ENSG0000I	6217	RPS16	ribosomal	ENSG0000I	87.31342	-1.06152	0.780166	-1.36064
ENSG0000I	ENSG0000I	9086	EIF1AY	eukaryotic	ENSG0000I	102.8547	0.997637	0.733506	1.360093
ENSG0000I	ENSG0000I	57572	DOCK6	dedicator c	ENSG0000I	43.03799	-1.33007	0.978691	-1.35903
ENSG0000I	ENSG0000I	192670	AGO4	argonaute	ENSG0000I	108.33	0.9551	0.703178	1.358261
ENSG0000I	ENSG0000I	4254	KITLG	KIT ligand	ENSG0000I	21.21885	-1.83823	1.353827	-1.3578
ENSG0000I	ENSG0000I	677772	SCARNA6	small Cajal	ENSG0000I	37.28781	1.328824	0.97872	1.357717
ENSG0000I	ENSG0000I	55666	NPLOC4	NPL4 homc	ENSG0000I	118.6993	-0.92847	0.683976	-1.35746
ENSG0000I	ENSG0000I	9585	KIF20B	kinesin fan	ENSG0000I	15.00924	1.883946	1.388224	1.357091
ENSG0000I	ENSG0000I	4779	NFE2L1	nuclear fac	ENSG0000I	1128.908	-0.74588	0.549661	-1.35698
ENSG0000I	ENSG000000279649				ENSG0000I	4.433742	-4.2136	3.10593	-1.35663
ENSG0000I	ENSG0000I	374291	NDUFS7	NADH:ubic	ENSG0000I	4.433742	-4.2136	3.10593	-1.35663
ENSG0000I	ENSG0000I	728264	CARMN	cardiac me	ENSG0000I	65.29458	-1.19918	0.884021	-1.3565
ENSG0000I	ENSG0000I	26002	MOXD1	monooxyg	ENSG0000I	4.657509	-4.27698	3.153267	-1.35636
ENSG0000I	ENSG000000223650				ENSG0000I	4.534313	-4.23992	3.127874	-1.35553
ENSG0000I	ENSG0000I	677829	SNORA49	small nucle	ENSG0000I	18.92574	1.692879	1.249841	1.354475

ENSG000001955	ENTPD6	ectonucleo	ENSG00000158.79463	-1.21635	0.898442	-1.35385
ENSG00000116236	ABHD15	abhydrolas	ENSG00000110.16209	-2.87493	2.12416	-1.35344
ENSG00000125957	PNISR	PNN intera	ENSG000001146.1006	-0.88218	0.65192	-1.3532
ENSG0000014209	MEF2D	myocyte e	ENSG000001171.4895	-0.85938	0.635343	-1.35263
ENSG000001116159	CYR1	cysteine ar	ENSG00000160.06909	-1.15096	0.851514	-1.35167
ENSG000001844	CASQ1	calsequest	ENSG00000130.92792	1.387911	1.026887	1.351572
ENSG00000110935	PRDX3	peroxiredo	ENSG000001143.6559	0.854759	0.632479	1.351442
ENSG00000122234	FAM185A	family with	ENSG0000014.54059	-4.25418	3.149576	-1.35072
ENSG00000191147	TMEM67	transmeml	ENSG00000140.44147	1.27156	0.942329	1.34938
ENSG000001100498859	LINC00881	long interg	ENSG00000135.01587	-1.51622	1.123845	-1.34914
ENSG00000151449	PCYOX1	prenylcyst	ENSG000001170.7277	-0.85134	0.631323	-1.34849
ENSG00000163901	FAM111A	family with	ENSG00000122.86487	1.56256	1.158829	1.348396
ENSG0000019447	AIM2	absent in n	ENSG0000012.806304	4.501055	3.338934	1.348052
ENSG0000010237719			ENSG0000012.806304	4.501055	3.338934	1.348052
ENSG00000110718	NRG3	neuregulin	ENSG0000012.806304	4.501055	3.338934	1.348052
ENSG0000012322	FLT3	fms relatec	ENSG0000012.806304	4.501055	3.338934	1.348052
ENSG0000010280734			ENSG0000012.806304	4.501055	3.338934	1.348052
ENSG0000017153	TOP2A	DNA topoi	ENSG0000012.806304	4.501055	3.338934	1.348052
ENSG0000012015	ADGRE1	adhesion C	ENSG0000012.806304	4.501055	3.338934	1.348052
ENSG00000123149	FCHO1	FCH domai	ENSG0000012.806304	4.501055	3.338934	1.348052
ENSG0000013594	IL12RB1	interleukin	ENSG0000012.806304	4.501055	3.338934	1.348052
ENSG00000180231	CXorf21	chromosor	ENSG0000012.806304	4.501055	3.338934	1.348052
ENSG00000164651	CSRNP1	cysteine ar	ENSG00000139.88668	-1.35959	1.008947	-1.34753
ENSG000001114769	CARD16	caspase re	ENSG0000016.834495	2.666522	1.979202	1.347271
ENSG0000013764	KCNJ8	potassium	ENSG00000148.89816	-1.25783	0.933694	-1.34716
ENSG00000125929	GEMIN5	gem nucle	ENSG00000139.82508	-1.35706	1.007588	-1.34684
ENSG000001526	ATP6V1B2	ATPase H+	ENSG00000188.13776	0.964519	0.716249	1.346625
ENSG00000123162	MAPK8IP3	mitogen-ac	ENSG00000148.3664	-1.24008	0.921359	-1.34592
ENSG000001587	BCAT2	branched c	ENSG00000124.11121	-1.68296	1.250515	-1.34581
ENSG0000012597	GAPDH	glyceralde	ENSG0000011045.475	0.685017	0.50909	1.345571
ENSG0000016558	SLC12A2	solute carr	ENSG00000154.10586	-1.18703	0.88241	-1.34521
ENSG000001221091	LRRN4CL	LRRN4 C-te	ENSG0000014.411117	-4.2022	3.124542	-1.3449
ENSG00000155167	MSL2	MSL compl	ENSG00000142.44842	-1.30396	0.969789	-1.34458
ENSG00000123078	VWA8	von Willeb	ENSG000001133.2856	-0.9137	0.679684	-1.3443
ENSG000001971	CD72	CD72 mole	ENSG0000013.663444	3.908416	2.907712	1.344155
ENSG0000012735	GLI1	GLI family ;	ENSG0000013.663444	3.908416	2.907712	1.344155
ENSG0000019170	LPAR2	lysophospl	ENSG0000013.663444	3.908416	2.907712	1.344155
ENSG0000014041	LRP5	LDL recept	ENSG00000133.43695	-1.44203	1.073562	-1.34322
ENSG000001249	ALPL	alkaline ph	ENSG00000131.11271	1.370232	1.020422	1.34281
ENSG000001112939	NACC1	nucleus ac	ENSG00000121.25782	-1.84014	1.370896	-1.34229
ENSG0000010263740			ENSG000001135.2093	0.889441	0.662648	1.342253
ENSG00000183543	AIF1L	allograft in	ENSG00000171.86778	-1.26614	0.943383	-1.34213
ENSG0000019445	ITM2B	integral m	ENSG000001421.5504	0.710774	0.529599	1.342099
ENSG00000164175	P3H1	prolyl 3-hy	ENSG00000113.87784	-2.27712	1.696995	-1.34186
ENSG0000014756	NEO1	neogenin 1	ENSG00000136.59832	-1.39636	1.040877	-1.34153
ENSG0000014709	NDUFB3	NADH:ubic	ENSG00000189.44243	0.966701	0.720798	1.341153
ENSG00000184060	RBM48	RNA bindir	ENSG00000110.03261	-2.84974	2.125403	-1.3408

ENSG0000017170	TPM3	tropomyosin	ENSG000001484801	0.841932	0.628073	1.340501
ENSG0000018476	CDC42BPA	CDC42 binding protein	ENSG0000012042429	-0.80362	0.599916	-1.33955
ENSG00000189797	NAV2	neuron navigation 2	ENSG0000015124241	-1.21333	0.905978	-1.33925
ENSG00000156882	CDC42SE1	CDC42 signaling effector 1	ENSG0000017091296	1.022769	0.763794	1.339064
ENSG0000017453	WARS	tryptophan synthase	ENSG0000012679933	0.758795	0.566771	1.338805
ENSG0000013430	IFI35	interferon beta 35	ENSG0000011646601	1.775445	1.326341	1.338604
ENSG0000016189	RPS3A	ribosomal protein S3A	ENSG0000012260886	0.783452	0.585282	1.338588
ENSG000001222663	SCUBE3	signal peptide 3	ENSG000001464659	1.179699	0.881637	1.338078
ENSG000001345462	ZNF879	zinc finger protein 879	ENSG0000014349519	-4.18302	3.128662	-1.337
ENSG0000010259630			ENSG0000014349519	-4.18302	3.128662	-1.337
ENSG0000018195	MKKS	McKusick-like kinase	ENSG000001333917	-1.43849	1.076127	-1.33673
ENSG0000016352	CCL5	C-C motif chemokine 5	ENSG0000014170718	5.24765	3.926034	1.336629
ENSG00000154776	PPP1R12C	protein phosphatase 1 regulatory subunit 12C	ENSG000001935832	-0.98904	0.740051	-1.33646
ENSG000001169611	OLFML2A	olfactomedin 2A	ENSG0000014226363	-1.2968	0.970539	-1.33616
ENSG00000110899	JTB	jumping transmembrane protein	ENSG000001451713	1.186326	0.887894	1.336112
ENSG0000014522	MTHFD1	methylene tetrahydrofolate dehydrogenase 1	ENSG0000015683984	-1.15871	0.867406	-1.33583
ENSG0000013728	JUP	junction plakoglobin	ENSG0000011717722	-0.83129	0.622314	-1.3358
ENSG00000100213090			ENSG0000014394769	-4.2059	3.149606	-1.33537
ENSG0000015616	PRKY	protein kinase Y	ENSG0000011734093	-1.98026	1.483476	-1.33488
ENSG000001116987	AGAP1	ArfGAP with GTPase-activating protein domain 1	ENSG0000014899873	-1.2609	0.944664	-1.33476
ENSG000001721	C4B	complement component 4B	ENSG0000011142335	2.096569	1.571645	1.333996
ENSG00000155187	VPS13D	vacuolar protein sorting 13D	ENSG0000014554258	-0.7113	0.533285	-1.3338
ENSG0000017482	WNT2B	Wnt family class B member 2B	ENSG0000011436055	-2.3352	1.75246	-1.33252
ENSG000001126364	LRRC25	leucine rich repeat-containing domain 25	ENSG0000016711299	2.755263	2.067939	1.332371
ENSG00000100260822			ENSG0000013107374	1.371362	1.02944	1.332144
ENSG0000016748	SSR4	signal sequence 4	ENSG0000013675501	1.279639	0.960708	1.331975
ENSG0000015305	PIP4K2A	phosphatidylinositol 4-kinase type II alpha	ENSG000001452329	1.182503	0.887943	1.331733
ENSG0000011435	CSF1	colony stimulating factor 1	ENSG0000014812629	-1.23315	0.926403	-1.33111
ENSG00000179633	FAT4	FAT atypical domain containing 4	ENSG0000011177427	-0.9148	0.687415	-1.33079
ENSG00000191582	RPS19BP1	ribosomal protein S19 binding protein 1	ENSG0000011727933	-1.97483	1.484039	-1.33071
ENSG00000110350	ABCA9	ATP binding cassette subfamily A member 9	ENSG0000011484328	-0.98984	0.743872	-1.33066
ENSG000001100129917	LOC100129917	uncharacterized protein	ENSG0000014310546	-4.17535	3.137849	-1.33064
ENSG00000122981	NINL	ninein like protein	ENSG0000011799588	-2.03617	1.530616	-1.3303
ENSG0000012521	FUS	FUS RNA binding protein	ENSG0000016224869	-1.11231	0.836324	-1.33
ENSG00000127254	CSDC2	cold shock domain containing 2	ENSG000001129384	-0.94578	0.711235	-1.32977
ENSG0000012896	GRN	granulin precursor	ENSG0000011031718	0.912433	0.686448	1.32921
ENSG0000017123	CLEC3B	C-type lectin domain family 3B member 1	ENSG0000011025638	-2.88005	2.166998	-1.32905
ENSG000001131544	CRYBG3	crystallin beta gamma 3	ENSG0000011390098	-0.86847	0.65401	-1.32792
ENSG00000125994	HIGD1A	HIG1 hypodermis 1A	ENSG0000017680164	0.996315	0.750289	1.327909
ENSG0000014629	MYH11	myosin heavy chain 11	ENSG0000011507221	-1.05701	0.796035	-1.32785
ENSG0000016165	RPL35A	ribosomal protein L35A	ENSG0000011471364	0.840303	0.632851	1.327804
ENSG000001338069	ST7-OT4	ST7 overlap domain 4	ENSG0000014287921	-4.16362	3.136099	-1.32764
ENSG000001154822	LINC00689	long intergenic non-coding RNA 689	ENSG0000014287921	-4.16362	3.136099	-1.32764
ENSG000001728118	NUTM2A	NUT family member 2A	ENSG0000014287921	-4.16362	3.136099	-1.32764
ENSG000001148223	C19orf25	chromosome 19 open reading frame 25	ENSG0000014287921	-4.16362	3.136099	-1.32764
ENSG00000123403	FBXO46	F-box protein 46	ENSG0000014287921	-4.16362	3.136099	-1.32764
ENSG000001953	ENTPD1	ectonucleoside triphosphate diphosphate 1	ENSG0000012044411	1.610993	1.213606	1.327443

ENSG000001800	CALD1	caldesmon	ENSG000001279.1171	-0.75893	0.571725	-1.32743
ENSG0000014921	DDR2	discoidin d	ENSG000001155.1496	-0.84485	0.636604	-1.32713
ENSG00000126994	RNF11	ring finger	ENSG000001159.3599	0.845222	0.636956	1.326971
ENSG0000017357	UGCG	UDP-gluco	ENSG00000160.38964	-1.16173	0.875767	-1.32653
ENSG0000011009	CDH11	cadherin 1	ENSG00000121.67711	1.577343	1.190318	1.325145
ENSG00000154757	FAM20A	FAM20A, g	ENSG00000117.3472	-1.98477	1.498526	-1.32448
ENSG0000011284	COL4A2	collagen ty	ENSG000001299.3509	-0.74262	0.560732	-1.32438
ENSG000001283899	INO80E	INO80 com	ENSG0000019.948391	-2.83532	2.141108	-1.32423
ENSG0000015649	RELN	reelin	ENSG00000113.83887	-2.27445	1.717785	-1.32406
ENSG0000019096	TBX18	T-box 18	ENSG00000113.67042	-2.25299	1.702928	-1.32301
ENSG00000185028	SNHG12	small nucle	ENSG0000014.624813	-4.2822	3.236714	-1.32301
ENSG00000192346	C1orf105	chromosom	ENSG0000018.02225	2.435381	1.841644	1.322395
ENSG00000191748	ELMSAN1	ELM2 and I	ENSG00000171.0653	-1.07484	0.812937	-1.32217
ENSG0000013434	IFIT1	interferon	ENSG00000141.08635	1.219563	0.922456	1.322082
ENSG00000151386	EIF3L	eukaryotic	ENSG00000192.5596	0.948368	0.717594	1.321595
ENSG0000016625	SNRNP70	small nucle	ENSG00000181.50465	-1.0065	0.761842	-1.32114
ENSG000001101927636	LOC101927	uncharacte	ENSG0000012.867901	4.381894	3.316918	1.321074
ENSG0000010223473			ENSG0000012.867901	4.381894	3.316918	1.321074
ENSG0000010254325			ENSG0000012.867901	4.381894	3.316918	1.321074
ENSG000001342510	CD300E	CD300e m	ENSG0000012.867901	4.381894	3.316918	1.321074
ENSG000001347454	SOWAHD	sonosondaz	ENSG0000012.867901	4.381894	3.316918	1.321074
ENSG000001166647	ADGRA3	adhesion G	ENSG00000139.06328	-1.32488	1.003162	-1.32071
ENSG00000156920	SEMA3G	semaphori	ENSG00000120.81657	-1.8128	1.372883	-1.32043
ENSG00000110220	GDF11	growth diff	ENSG00000139.06956	-1.32685	1.006071	-1.31885
ENSG000001401474	SAMD12	sterile alph	ENSG00000124.14011	-1.68846	1.280566	-1.31853
ENSG0000016271	S100A1	S100 calciu	ENSG00000114.06787	1.873703	1.421485	1.31813
ENSG00000181	ACTN4	actinin alp	ENSG00000192.41036	-0.96512	0.732215	-1.31809
ENSG00000157492	ARID1B	AT-rich int	ENSG000001152.2308	-0.84608	0.642139	-1.31759
ENSG0000011634	DCN	decorin	ENSG0000011174.4	-0.67549	0.512915	-1.31696
ENSG00000191768	CABLES1	Cdk5 and A	ENSG0000014.226323	-4.14396	3.146781	-1.31689
ENSG0000010280332			ENSG0000014.226323	-4.14396	3.146781	-1.31689
ENSG0000017355	SLC35A2	solute carr	ENSG0000014.226323	-4.14396	3.146781	-1.31689
ENSG00000155846	ITFG2	integrin alç	ENSG00000117.20138	-1.9706	1.497172	-1.31622
ENSG0000011646	AKR1C2	aldo-keto r	ENSG00000121.42248	-1.86175	1.415105	-1.31563
ENSG0000010279598			ENSG0000014.248948	-4.1558	3.159759	-1.31523
ENSG00000129988	SLC2A8	solute carr	ENSG0000014.248948	-4.1558	3.159759	-1.31523
ENSG00000156996	SLC12A9	solute carr	ENSG00000120.50048	1.777757	1.352042	1.314868
ENSG0000014888	NPY6R	neuropepti	ENSG000001161.3071	0.810424	0.616793	1.313934
ENSG0000013667	IRS1	insulin rec	ENSG00000150.51331	-1.18741	0.90382	-1.31377
ENSG00000165082	VPS33A	VPS33A, C	ENSG0000019.724624	-2.80458	2.134929	-1.31366
ENSG00000110890	RAB10	RAB10, me	ENSG000001109.4301	0.890719	0.678437	1.312898
ENSG0000018862	APLN	apelin	ENSG00000125.81332	-1.79061	1.36401	-1.31276
ENSG00000125847	ANAPC13	anaphase ç	ENSG00000132.79953	1.315121	1.001847	1.312696
ENSG0000017060	THBS4	thrombosp	ENSG00000179.94482	-1.04315	0.794731	-1.31258
ENSG0000014149	MAX	MYC associ	ENSG00000154.103	1.095345	0.834775	1.312145
ENSG0000013838	KPNA2	karyopheri	ENSG00000129.94496	-1.48024	1.128492	-1.31169
ENSG0000012078	ERG	ETS transcr	ENSG00000159.59893	-1.13802	0.86772	-1.31151

ENSG0000012318	FLNC	filamin C	ENSG000001715.018	-0.71572	0.545868	-1.31117
ENSG0000017133	TNFRSF1B	TNF recept	ENSG00000147.84473	1.167399	0.890397	1.3111
ENSG0000017745	ZKSCAN8	zinc finger	ENSG00000156.29174	-1.14353	0.872385	-1.3108
ENSG0000018462	KLF11	Kruppel lik	ENSG00000135.94716	-1.36291	1.040295	-1.31012
ENSG0000018289	ARID1A	AT-rich inte	ENSG000001148.94	-0.84185	0.642633	-1.31
ENSG0000013486	IGFBP3	insulin like	ENSG00000193.82724	-1.05827	0.807865	-1.30996
ENSG0000011194	ABCB8	ATP bindin	ENSG00000117.03294	-1.9529	1.490846	-1.30993
ENSG0000011192	CLIC1	chloride in	ENSG000001106.5455	0.893805	0.682759	1.309108
ENSG00000123475	QPRT	quinolinat	ENSG00000117.78846	-2.01723	1.540972	-1.30907
ENSG00000125932	CLIC4	chloride in	ENSG000001665.6082	0.693876	0.530102	1.308949
ENSG00000154458	PRR13	proline ric	ENSG00000124.65225	1.465426	1.11987	1.308568
ENSG0000016305	SBF1	SET bindin	ENSG00000164.59046	-1.08078	0.826127	-1.30825
ENSG00000156125	PCDHB11	protocadhe	ENSG0000014.265296	-4.15193	3.174338	-1.30797
ENSG0000016608	SMO	smoothen	ENSG0000014.265296	-4.15193	3.174338	-1.30797
ENSG000001140733	MACROD2	MACRO do	ENSG0000014.265296	-4.15193	3.174338	-1.30797
ENSG0000013856	KRT8	keratin 8	ENSG00000160.63997	1.149972	0.879369	1.307724
ENSG00000179804	HAND2-AS	HAND2 ant	ENSG00000184.216	-0.99374	0.760323	-1.307
ENSG0000017275	TUB	tubby bipa	ENSG00000153.26991	-1.15824	0.886581	-1.30641
ENSG0000010250770			ENSG0000014.45009	-4.21066	3.22354	-1.30622
ENSG00000157520	HECW2	HECT, C2 a	ENSG00000189.27789	-0.96655	0.740522	-1.30523
ENSG0000010237324			ENSG0000014.164725	-4.12403	3.160826	-1.30473
ENSG000001130557	ZNF513	zinc finger	ENSG0000014.164725	-4.12403	3.160826	-1.30473
ENSG000001116285	ACSM1	acyl-CoA s	ENSG0000014.164725	-4.12403	3.160826	-1.30473
ENSG0000017871	SLMAP	sarcolemm	ENSG000001332.9801	0.726832	0.557715	1.30323
ENSG00000157181	SLC39A10	solute carr	ENSG00000116.94871	-1.94394	1.491721	-1.30315
ENSG0000016280	S100A9	S100 calci	ENSG000001147.076	2.916433	2.238021	1.30313
ENSG0000015151	PDE8A	phosphodi	ENSG00000147.47513	-1.20739	0.926648	-1.30297
ENSG00000155101	DMAC2	distal mem	ENSG00000142.2737	-1.29472	0.99371	-1.30291
ENSG0000016208	RPS14	ribosomal	ENSG000001218.4241	0.773852	0.594129	1.302498
ENSG00000155818	KDM3A	lysine dem	ENSG00000197.33649	-0.93843	0.72057	-1.30234
ENSG0000019516	LITAF	lipopolysac	ENSG00000178.78638	0.968766	0.743895	1.30229
ENSG00000156953	NT5M	5',3'-nucle	ENSG0000014.851198	3.038636	2.33661	1.300447
ENSG0000016508	SLC4A3	solute carr	ENSG000001350.1421	-0.71245	0.547891	-1.30035
ENSG00000157787	MARK4	microtubul	ENSG00000123.48895	-1.63892	1.260536	-1.30018
ENSG000001351	APP	amyloid be	ENSG000001489.9727	-0.68397	0.52616	-1.29993
ENSG00000122899	ARHGEF15	Rho guanir	ENSG00000126.60507	-1.54224	1.186958	-1.29932
ENSG000001155061	ZNF746	zinc finger	ENSG00000126.07005	1.423847	1.096409	1.298645
ENSG00000151012	PRELID3B	PRELI dom	ENSG00000148.56128	1.127297	0.868411	1.298115
ENSG00000129883	CNOT7	CCR4-NOT	ENSG00000168.7059	1.005686	0.774897	1.297831
ENSG0000017301	TYRO3	TYRO3 pro	ENSG0000014.187351	-4.13593	3.187249	-1.29765
ENSG00000155215	FANCI	FA comple	ENSG0000014.187351	-4.13593	3.187249	-1.29765
ENSG0000010231010			ENSG0000014.187351	-4.13593	3.187249	-1.29765
ENSG000001203068	TUBB	tubulin bet	ENSG000001156.6914	0.840484	0.647948	1.297148
ENSG0000016546	SLC8A1	solute carr	ENSG0000011420.767	0.7074	0.545652	1.29643
ENSG00000154995	OXSM	3-oxoacyl-	ENSG00000112.85749	1.946535	1.501592	1.296314
ENSG000001216	ALDH1A1	aldehyde d	ENSG00000142.93638	1.25257	0.966751	1.295649
ENSG0000015216	PFN1	profilin 1	ENSG00000181.68357	0.958738	0.74125	1.293407

ENSG0000010522	DEAF1	DEAF1 transmembrane protein	ENSG00000168252	9.624054	-2.79179	2.159389	-1.29286
ENSG00000280128			ENSG00000168252	16.82552	-1.93278	1.495737	-1.29219
ENSG000009200	HACD1	3-hydroxyacyl-CoA dehydrogenase	ENSG000004372081	43.72081	1.197663	0.927344	1.291497
ENSG00000232044			ENSG000005831534	5.831534	2.853193	2.209626	1.291256
ENSG0000023368	PPP1R13B	protein phosphatase 1 regulatory subunit 13B	ENSG000001056126	105.6126	-0.91785	0.710855	-1.29119
ENSG00000279311			ENSG000004103127	4.103127	-4.10381	3.178573	-1.29108
ENSG00000260966			ENSG000004103127	4.103127	-4.10381	3.178573	-1.29108
ENSG000007216	TRO	trophinin	ENSG000004103127	4.103127	-4.10381	3.178573	-1.29108
ENSG000003620	IDO1	indoleamine 2,3-dioxygenase 1	ENSG000007506842	7.506842	2.784913	2.157806	1.290623
ENSG000009919	SEC16A	SEC16 homolog	ENSG000008877883	88.77883	-0.95621	0.740902	-1.2906
ENSG0000090639	COX19	cytochrome c oxidase subunit 19	ENSG000009539831	9.539831	-2.77679	2.151899	-1.29039
ENSG0000027129	HSPB7	heat shock protein beta 7	ENSG000003048093	3048.093	-0.74138	0.574557	-1.29035
ENSG0000010943	MSL3	MSL complex subunit 3	ENSG000002791381	27.91381	1.46796	1.137687	1.290302
ENSG000009739	SETD1A	SET domain containing 1A	ENSG000001701659	17.01659	-1.95404	1.514435	-1.29028
ENSG00000115019	SLC26A9	solute carrier family 26 member 9	ENSG000003450269	34.50269	1.268628	0.983818	1.289494
ENSG00000202151	RANBP3L	RAN binding protein 3L	ENSG000004271574	4.271574	-4.16693	3.231495	-1.28947
ENSG00000718	C3	complement component 3	ENSG000009438516	943.8516	-2.16195	1.676628	-1.28947
ENSG000006134	RPL10	ribosomal protein L10	ENSG000003696063	369.6063	0.740289	0.574162	1.289337
ENSG0000049854	ZBTB21	zinc finger protein 21	ENSG000002645925	26.45925	-1.53261	1.189056	-1.28893
ENSG00000284459	HKR1	HKR1, GLI3	ENSG000006716227	67.16227	-1.0583	0.82114	-1.28882
ENSG00000147965	FAM98C	family with sequence similarity 98 class C member 3	ENSG000006957691	6.957691	2.582017	2.004283	1.28825
ENSG000002327	FMO2	flavin monooxygenase 2	ENSG00000179133	179.133	-0.81642	0.633826	-1.28808
ENSG0000026035	GLCE	glucuronic acid C-epimerase	ENSG000003268522	32.68522	-1.40117	1.08797	-1.28788
ENSG00000254170	FBXO33	F-box protein 33	ENSG000001342403	13.42403	-2.22572	1.728517	-1.28765
ENSG0000029911	HOOK2	hook microtubule-associated protein 2	ENSG000003252305	32.52305	-1.3938	1.082591	-1.28747
ENSG000001824	DSC2	desmocollin 2	ENSG000008353256	83.53256	0.941264	0.731102	1.287458
ENSG0000055664	CDC37L1	cell division cycle 37L1	ENSG000004591675	45.91675	1.136542	0.883183	1.28687
ENSG000005689	PSMB1	proteasome subunit 1	ENSG000008519047	85.19047	0.931964	0.724257	1.286787
ENSG0000010098	TSPAN5	tetraspanin 5	ENSG000008106473	8.106473	2.362438	1.836288	1.286529
ENSG000001933	EEF1B2	eukaryotic translation initiation factor 1B2	ENSG000001118234	111.8234	0.864253	0.672017	1.286058
ENSG000007846	TUBA1A	tubulin alpha 1A class A chain	ENSG000001031352	103.1352	0.953595	0.741755	1.285592
ENSG00000186466			ENSG000001417576	14.17576	-2.31538	1.801153	-1.2855
ENSG0000011096	ADAMTS5	ADAM metallopeptidase with thrombospondin type 1 motifs 5	ENSG000004718349	47.18349	-1.19622	0.930709	-1.28528
ENSG0000054800	KLHL24	kelch like family class B member 24	ENSG000004182133	418.2133	-0.6939	0.539934	-1.28516
ENSG0000057452	GALNT16	polypeptide N-galactosyltransferase 16	ENSG000009824791	98.24791	-0.95371	0.742227	-1.28493
ENSG00000571	BACH1	BTB domain containing 1	ENSG000009620225	96.20225	0.918681	0.715023	1.284827
ENSG000009744	ACAP1	ArfGAP with GTPase-activating protein domain 1	ENSG000001300331	13.00331	1.895205	1.476461	1.283614
ENSG000005223	PGAM1	phosphoglycerate mutase 1	ENSG000003179657	31.79657	1.299119	1.012107	1.283579
ENSG0000027249	MMADHC	metabolism of methylmalonyl-CoA dehydrogenase	ENSG000006133781	61.33781	1.045953	0.815811	1.282102
ENSG000005193	PEX12	peroxisomal membrane protein 12	ENSG000009355826	9.355826	2.188622	1.707838	1.281516
ENSG00000279940			ENSG000009478233	9.478233	-2.76738	2.159733	-1.28135
ENSG000005551	PRF1	perforin 1	ENSG000009109434	9.109434	2.296411	1.792788	1.280916
ENSG000006232	RPS27	ribosomal protein S27	ENSG000003038486	303.8486	0.716796	0.559688	1.280706
ENSG00000199953	TMEM201	transmembrane protein 201	ENSG000009432982	9.432982	-2.75563	2.151798	-1.28062
ENSG0000025890	ABI3BP	ABI family protein 3 binding protein	ENSG000008142317	81.42317	-1.07505	0.839548	-1.28051
ENSG0000084905	ZNF341	zinc finger protein 341	ENSG000005624115	5.624115	3.120265	2.437232	1.280249
ENSG0000022903	BTBD3	BTB domain containing 3	ENSG000004118756	41.18756	-1.25223	0.978147	-1.2802

ENSG00000154499	TMCO1	transmembrane	ENSG00000143.188	1.153747	0.902639	1.278193
ENSG00000155906	ZC4H2	zinc finger	ENSG0000017.041914	2.49035	1.948834	1.277867
ENSG0000018216	LZTR1	leucine zipper	ENSG00000132.33826	-1.38457	1.083858	-1.27745
ENSG000001100505774	LOC100505774	uncharacterized	ENSG0000016.980316	2.529521	1.98029	1.277348
ENSG00000157559	STAMBPL1	STAM bind	ENSG0000016.980316	2.529521	1.98029	1.277348
ENSG000001142940	TRUB1	TruB pseudorep	ENSG00000123.5877	1.45821	1.14161	1.277327
ENSG00000110218	ANGPTL7	angiopoietin	ENSG0000014.125753	-4.11571	3.222264	-1.27727
ENSG000001348013	TMEM255	transmembrane	ENSG0000014.125753	-4.11571	3.222264	-1.27727
ENSG0000014782	NFIC	nuclear factor	ENSG000001212.1417	-0.77018	0.603031	-1.27719
ENSG0000015373	PMM2	phosphomannan	ENSG0000019.39401	-2.75207	2.15556	-1.27673
ENSG0000013768	KCNJ12	potassium channel	ENSG0000019.39401	-2.75207	2.15556	-1.27673
ENSG0000017079	TIMP4	TIMP metalloprote	ENSG00000120.19431	-1.76246	1.380914	-1.2763
ENSG0000016230	RPS25	ribosomal protein	ENSG000001216.3002	0.748224	0.58633	1.276113
ENSG000001643749	TRAF3IP2	TRAF3IP2 associated	ENSG0000014.04153	-4.08327	3.20067	-1.27576
ENSG000001116447	TOP1MT	DNA topoisomerase	ENSG0000014.04153	-4.08327	3.20067	-1.27576
ENSG0000016752	SSTR2	somatostatin receptor	ENSG0000014.04153	-4.08327	3.20067	-1.27576
ENSG00000183596	BCL2L12	BCL2 like 1	ENSG0000014.04153	-4.08327	3.20067	-1.27576
ENSG00000123212	RRS1	ribosome biogenesis	ENSG0000014.018904	-4.07078	3.191796	-1.27539
ENSG0000010131982			ENSG0000014.018904	-4.07078	3.191796	-1.27539
ENSG0000012584	GALK1	galactokinase	ENSG0000014.018904	-4.07078	3.191796	-1.27539
ENSG00000100265399			ENSG0000014.018904	-4.07078	3.191796	-1.27539
ENSG0000018131	NPRL3	NPR3 like, protein	ENSG00000113.14874	-2.18777	1.716581	-1.27449
ENSG0000015155	PDGFB	platelet-derived	ENSG00000135.24696	-1.33022	1.043906	-1.27427
ENSG00000123536	ADAT1	adenosine deaminase	ENSG00000122.15355	1.500762	1.17822	1.273754
ENSG000001352954	CASTOR3	CASTOR family	ENSG00000113.4341	-2.21852	1.741752	-1.27373
ENSG00000111346	SYNPO	synaptotagmin	ENSG0000011079.649	-0.66658	0.523557	-1.27317
ENSG00000185450	ITPRIP	inositol 1,4,5	ENSG00000155.6343	-1.12007	0.880082	-1.27268
ENSG00000185403	EAF1	ELL associated	ENSG00000116.63445	1.727263	1.357285	1.272587
ENSG0000018975	USP13	ubiquitin-specific	ENSG000001359.9731	-0.70531	0.554318	-1.27239
ENSG00000110277	UBE4B	ubiquitinase	ENSG000001137.7238	-0.85026	0.668393	-1.27209
ENSG0000015058	PAK1	p21 (RAC1) kinase	ENSG00000124.89865	1.435178	1.128245	1.272045
ENSG00000184251	SGIP1	SH3 domain	ENSG0000019.416635	-2.7579	2.168809	-1.27162
ENSG000001160622	GRASP	general receptor	ENSG00000123.11936	-1.61394	1.269272	-1.27155
ENSG00000126052	DNM3	dynamamin 3	ENSG00000120.92054	1.528432	1.202068	1.271502
ENSG0000019500	MAGED1	MAGE family	ENSG00000163.63759	-1.05423	0.829243	-1.27132
ENSG00000154205	CYCS	cytochrome	ENSG000001421.0126	0.705909	0.555476	1.270818
ENSG00000185377	MICALL1	MICAL like	ENSG00000117.25043	-1.96744	1.548559	-1.2705
ENSG00000126013	L3MBTL1	L3MBTL1, protein	ENSG0000019.410357	-2.74974	2.165046	-1.27006
ENSG0000011129	CHRM2	cholinergic	ENSG000001119.2883	0.847826	0.667921	1.26935
ENSG000001114884	OSBPL10	oxysterol binding	ENSG0000019.332412	-2.74252	2.162073	-1.26847
ENSG0000015587	PRKD1	protein kinase	ENSG0000019.332412	-2.74252	2.162073	-1.26847
ENSG000001317	APAF1	apoptotic prote	ENSG00000125.90789	1.43965	1.134953	1.268466
ENSG00000151351	ZNF117	zinc finger	ENSG00000131.89714	1.292379	1.018946	1.268349
ENSG00000180071	CCDC15	coiled-coil	ENSG0000013.786639	3.649826	2.878766	1.267844
ENSG00000155256	ADI1	acireductoisom	ENSG000001147.1768	0.813404	0.64208	1.266826
ENSG0000017703	PCGF2	polycomb group	ENSG0000019.348759	-2.74016	2.163845	-1.26634
ENSG00000184527	ZNF559	zinc finger	ENSG00000129.16054	-1.43601	1.13428	-1.26601

ENSG0000I	ENSG0000I	29775	CARD10	caspase re	ENSG0000I	9.585081	-2.78781	2.202746	-1.26561
ENSG0000I	ENSG0000I	54806	AHI1	Abelson he	ENSG0000I	35.36388	-1.33372	1.05387	-1.26554
ENSG0000I	ENSG0000I	64761	PARP12	poly(ADP-r	ENSG0000I	30.23923	1.334822	1.055078	1.265141
ENSG0000I	ENSG0000I	9755	TBKBP1	TBK1 bindi	ENSG0000I	13.12611	-2.18342	1.726259	-1.26483
ENSG0000I	ENSG0000I	8263	F8A1	coagulatio	ENSG0000I	10.6278	2.035724	1.609653	1.264697
ENSG0000I	ENSG0000I	6403	SELP	selectin P	ENSG0000I	22.31572	1.482639	1.172447	1.264568
ENSG0000I	ENSG0000I	4048	LTA4H	leukotrien	ENSG0000I	54.82583	1.057091	0.835944	1.264547
ENSG0000I	ENSG0000I	165186	TOGARAM	TOG array	ENSG0000I	28.2282	-1.93766	1.532548	-1.26434
ENSG0000I	ENSG0000I	199920	FYB2	FYN bindin	ENSG0000I	32.45517	-1.38836	1.098619	-1.26373
ENSG0000I	ENSG0000I	7695	ZNF136	zinc finger	ENSG0000I	21.00477	1.511309	1.195914	1.263727
ENSG0000I	ENSG0000I	57509	MTUS1	microtubul	ENSG0000I	435.9769	-0.67547	0.534586	-1.26354
ENSG0000I	ENSG0000I	85446	ZFHX2	zinc finger	ENSG0000I	4.119475	-4.10005	3.24491	-1.26353
ENSG0000I	ENSG0000I	54522	ANKRD16	ankyrin re	ENSG0000I	3.957306	-4.04981	3.205619	-1.26335
ENSG0000I	ENSG0000I	8681	JMJD7-PLA	JMJD7-PLA	ENSG0000I	3.957306	-4.04981	3.205619	-1.26335
ENSG0000I	ENSG0000I	23334	SZT2	SZT2, KICS	ENSG0000I	79.85157	-0.96998	0.767821	-1.26329
ENSG0000I	ENSG0000I	94121	SYTL4	synaptotag	ENSG0000I	26.34233	-1.52813	1.209775	-1.26315
ENSG0000I	ENSG0000I	79621	RNASEH2B	ribonuclea	ENSG0000I	38.96351	1.191768	0.943899	1.262601
ENSG0000I	ENSG0000I	3772	KCNJ15	potassium	ENSG0000I	14.88866	4.437795	3.516352	1.262045
ENSG0000I	ENSG0000I	25961	NUDT13	nudix hydr	ENSG0000I	9.287161	-2.73052	2.163653	-1.26199
ENSG0000I	ENSG0000I	7351	UCP2	uncoupling	ENSG0000I	9.417424	2.162787	1.71414	1.261733
ENSG0000I	ENSG0000I	84720	PIGO	phosphatic	ENSG0000I	9.248189	-2.7269	2.16125	-1.26172
ENSG0000I	ENSG0000I	5355	PLP2	proteolipid	ENSG0000I	34.50897	1.261865	1.000136	1.261694
ENSG0000I	ENSG0000I	56652	TWINK	twinkle mt	ENSG0000I	13.06451	-2.17632	1.725172	-1.26151
ENSG0000I	ENSG00000211677				ENSG0000I	4.770634	-4.32632	3.429529	-1.26149
ENSG0000I	ENSG0000I	6830	SUPT6H	SPT6 homc	ENSG0000I	165.2204	-0.79154	0.627665	-1.26109
ENSG0000I	ENSG0000I	51564	HDAC7	histone de	ENSG0000I	41.36229	-1.26175	1.000591	-1.26101
ENSG0000I	ENSG0000I	132320	SCLT1	sodium ch	ENSG0000I	39.10305	1.185202	0.940368	1.26036
ENSG0000I	ENSG0000I	79827	CLMP	CXADR like	ENSG0000I	23.08039	-1.61226	1.279363	-1.2602
ENSG0000I	ENSG00000219565				ENSG0000I	4.181073	-4.12071	3.270251	-1.26006
ENSG0000I	ENSG0000I	9749	PHACTR2	phosphata	ENSG0000I	236.7648	-0.73946	0.586856	-1.26003
ENSG0000I	ENSG0000I	4493	MT1E	metallothi	ENSG0000I	22.39994	1.466958	1.164537	1.259693
ENSG0000I	ENSG0000I	10096	ACTR3	ARP3 actin	ENSG0000I	139.4482	0.803488	0.637889	1.259604
ENSG0000I	ENSG0000I	51490	SPOUT1	SPOUT dor	ENSG0000I	9.270814	-2.7329	2.169749	-1.25955
ENSG0000I	ENSG0000I	131873	COL6A6	collagen ty	ENSG0000I	22.98989	-1.602	1.271917	-1.25952
ENSG0000I	ENSG0000I	8888	MCM3AP	minichrom	ENSG0000I	65.99191	-1.02826	0.816502	-1.25935
ENSG0000I	ENSG0000I	5339	PLEC	plectin	ENSG0000I	394.2096	-0.68388	0.543116	-1.25917
ENSG0000I	ENSG0000I	377047	PRSS45	serine prot	ENSG0000I	3.979932	-4.06239	3.228499	-1.25829
ENSG0000I	ENSG0000I	2852	GPER1	G protein-c	ENSG0000I	3.979932	-4.06239	3.228499	-1.25829
ENSG0000I	ENSG0000I	10087437C	CACNA1C-	CACNA1C i	ENSG0000I	3.979932	-4.06239	3.228499	-1.25829
ENSG0000I	ENSG0000I	161635	CSNK1A1P	casein kina	ENSG0000I	3.979932	-4.06239	3.228499	-1.25829
ENSG0000I	ENSG0000I	51087	YBX2	Y-box bind	ENSG0000I	3.979932	-4.06239	3.228499	-1.25829
ENSG0000I	ENSG0000I	267002	PGBD2	piggyBac tr	ENSG0000I	3.996279	-4.05825	3.226576	-1.25776
ENSG0000I	ENSG00000240661				ENSG0000I	3.996279	-4.05825	3.226576	-1.25776
ENSG0000I	ENSG0000I	23089	PEG10	paternally	ENSG0000I	3.996279	-4.05825	3.226576	-1.25776
ENSG0000I	ENSG0000I	8786	RGS11	regulator c	ENSG0000I	3.996279	-4.05825	3.226576	-1.25776
ENSG0000I	ENSG0000I	100462981	MTRNR2L2	MT-RNR2 |	ENSG0000I	171.0738	-2.85651	2.271802	-1.25737
ENSG0000I	ENSG0000I	1464	CSPG4	chondroitir	ENSG0000I	38.12676	-1.28161	1.019393	-1.25723

ENSG0000I	ENSG0000I	602	BCL3	B cell CLL/I	ENSG0000I	12.98657	-2.17095	1.727011	-1.25706
ENSG0000I	ENSG0000I	79812	MMRN2	multimerir	ENSG0000I	80.7554	-0.99161	0.789819	-1.2555
ENSG0000I	ENSG0000I	51398	WDR83OS	WD repeat	ENSG0000I	17.06564	1.643296	1.30934	1.255057
ENSG0000I	ENSG0000I	157310	PEBP4	phosphatic	ENSG0000I	132.8212	0.883822	0.704404	1.254709
ENSG0000I	ENSG0000I	440248	HERC2P9	hect doma	ENSG0000I	34.78452	-1.51395	1.206742	-1.25458
ENSG0000I	ENSG0000I	90523	MLIP	muscular L	ENSG0000I	416.4759	-0.67323	0.536858	-1.25402
ENSG0000I	ENSG0000I	55505	NOP10	NOP10 ribc	ENSG0000I	27.94166	1.335784	1.065231	1.253985
ENSG0000I	ENSG0000I	29937	NENF	neudesin n	ENSG0000I	57.50933	1.051816	0.839437	1.253002
ENSG0000I	ENSG0000I	4302	MLLT6	MLLT6, PH	ENSG0000I	167.6363	-0.78639	0.627757	-1.2527
ENSG0000I	ENSG0000I	253738	EBF3	EBF transcr	ENSG0000I	16.38806	-1.88809	1.507835	-1.25218
ENSG0000I	ENSG0000I	3718	JAK3	Janus kina	ENSG0000I	26.12642	1.554346	1.242019	1.251467
ENSG0000I	ENSG0000I	3119	HLA-DQB1	major histc	ENSG0000I	22.21371	1.684588	1.346165	1.251398
ENSG0000I	ENSG0000I	154661	RUNDC3B	RUN doma	ENSG0000I	3.934681	-4.037	3.226966	-1.25102
ENSG0000I	ENSG0000I	6526	SLC5A3	solute carr	ENSG0000I	42.78152	-1.32195	1.056859	-1.25083
ENSG0000I	ENSG0000I	55704	CCDC88A	coiled-coil	ENSG0000I	66.60947	0.987497	0.789515	1.250764
ENSG0000I	ENSG0000I	26502	NARF	nuclear prc	ENSG0000I	34.83212	-1.30957	1.047311	-1.25041
ENSG0000I	ENSG0000I	00253671			ENSG0000I	3.895709	-4.02852	3.223377	-1.24978
ENSG0000I	ENSG0000I	100132891	MSC-AS1	MSC antise	ENSG0000I	3.895709	-4.02852	3.223377	-1.24978
ENSG0000I	ENSG0000I	80195	TMEM254	transmeml	ENSG0000I	3.895709	-4.02852	3.223377	-1.24978
ENSG0000I	ENSG0000I	8111	GPR68	G protein-c	ENSG0000I	3.895709	-4.02852	3.223377	-1.24978
ENSG0000I	ENSG0000I	00224430			ENSG0000I	3.895709	-4.02852	3.223377	-1.24978
ENSG0000I	ENSG0000I	9217	VAPB	VAMP assc	ENSG0000I	102.4676	-0.91648	0.733613	-1.24926
ENSG0000I	ENSG0000I	89910	UBE3B	ubiquitin p	ENSG0000I	107.6627	-0.89948	0.720118	-1.24907
ENSG0000I	ENSG0000I	440503	PLIN5	perilipin 5	ENSG0000I	43.83732	-1.20679	0.96621	-1.249
ENSG0000I	ENSG0000I	112464	CAVIN3	caveolae a	ENSG0000I	17.08826	1.632532	1.308062	1.248054
ENSG0000I	ENSG0000I	255394	TCP11L2	t-complex	ENSG0000I	116.8952	-0.85359	0.683946	-1.24803
ENSG0000I	ENSG0000I	56978	PRDM8	PR/SET dor	ENSG0000I	3.93246	3.237007	2.593735	1.24801
ENSG0000I	ENSG0000I	100129195	ZSCAN16-A	ZSCAN16 a	ENSG0000I	9.440049	2.134385	1.710521	1.247798
ENSG0000I	ENSG0000I	64784	CRTC3	CREB regul	ENSG0000I	57.43425	-1.0707	0.858111	-1.24775
ENSG0000I	ENSG0000I	221656	KDM1B	lysine dem	ENSG0000I	28.99994	1.35506	1.08601	1.247742
ENSG0000I	ENSG0000I	10440	TIMM17A	translocas	ENSG0000I	42.18504	1.137823	0.911967	1.247658
ENSG0000I	ENSG0000I	8527	DGKD	diacylglyce	ENSG0000I	62.32966	1.000343	0.801783	1.247648
ENSG0000I	ENSG0000I	9757	KMT2B	lysine metl	ENSG0000I	35.04582	-1.32212	1.059697	-1.24764
ENSG0000I	ENSG0000I	10962	MLLT11	MLLT11, tr	ENSG0000I	19.56434	1.579662	1.266177	1.247584
ENSG0000I	ENSG0000I	10231	RCAN2	regulator c	ENSG0000I	410.1712	0.663625	0.532479	1.246294
ENSG0000I	ENSG0000I	9397	NMT2	N-myristoy	ENSG0000I	22.87297	-1.59701	1.281804	-1.24591
ENSG0000I	ENSG0000I	6222	RPS18	ribosomal	ENSG0000I	310.8712	0.705886	0.566767	1.245461
ENSG0000I	ENSG0000I	9967	THRAP3	thyroid hor	ENSG0000I	248.2008	-0.71909	0.577677	-1.24479
ENSG0000I	ENSG0000I	5358	PLS3	plastin 3	ENSG0000I	87.8134	-0.93513	0.75135	-1.2446
ENSG0000I	ENSG0000I	79705	LRRK1	leucine ricl	ENSG0000I	19.57062	1.563452	1.257242	1.243557
ENSG0000I	ENSG0000I	7798	LUZP1	leucine zip	ENSG0000I	79.48578	-0.96013	0.77238	-1.24308
ENSG0000I	ENSG0000I	100131827	ZNF717	zinc finger	ENSG0000I	12.91869	-2.15763	1.736021	-1.24286
ENSG0000I	ENSG0000I	00280551			ENSG0000I	3.873083	-4.01549	3.232225	-1.24233
ENSG0000I	ENSG0000I	00196205			ENSG0000I	3.873083	-4.01549	3.232225	-1.24233
ENSG0000I	ENSG0000I	4007	PRICKLE3	prickle plar	ENSG0000I	3.873083	-4.01549	3.232225	-1.24233
ENSG0000I	ENSG0000I	677763	SCARNA21	small Cajal	ENSG0000I	30.87783	1.271788	1.024199	1.241739
ENSG0000I	ENSG0000I	4646	MYO6	myosin VI	ENSG0000I	40.52006	-1.22246	0.984481	-1.24173

ENSG00000157513	CASKIN2	CASK inter	ENSG00000125.87597	-1.49344	1.203333	-1.24109
ENSG00000110345	TRDN	triadin	ENSG000001383.5119	0.664708	0.535606	1.241038
ENSG0000016867	TACC1	transformi	ENSG000001441.9953	-0.66583	0.536912	-1.24011
ENSG000001167227	DCP2	decapping	ENSG00000163.50107	1.004847	0.810898	1.239177
ENSG00000111138	TBC1D8	TBC1 domæ	ENSG00000173.89842	-0.97911	0.790617	-1.23842
ENSG00000127010	TPK1	thiamin py	ENSG00000112.02298	1.883959	1.521555	1.238181
ENSG00000155454	CSGALNAC	chondroitin	ENSG00000133.6908	1.229397	0.992947	1.238129
ENSG0000010263120			ENSG0000013.918334	-4.04113	3.264	-1.23809
ENSG000001206412	C6orf163	chromosom	ENSG0000019.079743	-2.6951	2.177497	-1.23771
ENSG00000154874	FNBP1L	formin bin	ENSG00000170.94067	-0.9872	0.797721	-1.23753
ENSG00000181853	TMEM14B	transmembr	ENSG00000136.4975	1.199826	0.969909	1.23705
ENSG00000127434	POLM	DNA polyn	ENSG00000113.03182	-2.17945	1.762009	-1.23691
ENSG000001148	ADRA1A	adrenocep	ENSG00000159.94446	-1.04428	0.844463	-1.23662
ENSG0000015917	RARS	arginyl-tRN	ENSG00000162.47548	0.993321	0.803494	1.236252
ENSG00000110268	RAMP3	receptor ac	ENSG00000131.67703	-1.3496	1.091845	-1.23607
ENSG0000014151	MB	myoglobin	ENSG0000015973.828	0.705203	0.570626	1.23584
ENSG000001900	CCNG1	cyclin G1	ENSG00000181.87988	0.906984	0.734014	1.235649
ENSG000001163049	ZNF791	zinc finger	ENSG00000143.22762	-1.18498	0.959225	-1.23535
ENSG00000123012	STK38L	serine/thre	ENSG000001124.7808	0.881916	0.714212	1.23481
ENSG0000011475	CSTA	cystatin A	ENSG0000014.728003	3.189506	2.583511	1.234562
ENSG000001103352539	LINC01410	long interg	ENSG0000014.728003	3.189506	2.583511	1.234562
ENSG0000012328	FMO3	flavin cont	ENSG0000013.834111	-4.00689	3.24568	-1.23453
ENSG000001100506282	LOC100506	uncharacte	ENSG0000013.834111	-4.00689	3.24568	-1.23453
ENSG0000016196	RPS6KA2	ribosomal	ENSG000001189.5196	-0.80352	0.650884	-1.23451
ENSG00000129927	SEC61A1	Sec61 tran	ENSG00000184.44709	-0.932	0.755312	-1.23392
ENSG00000110294	DNAJA2	DnaJ heat s	ENSG000001105.7325	0.84596	0.685689	1.233736
ENSG00000110810	WASF3	WAS prote	ENSG00000125.6522	-1.48046	1.199984	-1.23373
ENSG0000012857	GPR34	G protein-c	ENSG00000116.44966	1.765988	1.431464	1.233694
ENSG0000019173	IL1RL1	interleukin	ENSG00000126.61763	-1.54757	1.25479	-1.23333
ENSG0000016728	SRP19	signal reco	ENSG0000013.811486	-3.99368	3.241667	-1.23198
ENSG0000010276710			ENSG0000013.811486	-3.99368	3.241667	-1.23198
ENSG000001339229	OXLD1	oxidoreduc	ENSG0000013.811486	-3.99368	3.241667	-1.23198
ENSG000001256949	KANK3	KN motif a	ENSG0000013.811486	-3.99368	3.241667	-1.23198
ENSG00000151599	LSR	lipolysis sti	ENSG0000013.811486	-3.99368	3.241667	-1.23198
ENSG0000013983	ABLIM1	actin bindi	ENSG0000011785.625	-0.61037	0.495445	-1.23197
ENSG00000151637	RTRAF	RNA transc	ENSG000001102.7964	0.851066	0.691039	1.231576
ENSG000001158399	ZNF483	zinc finger	ENSG00000119.48783	-1.70241	1.383229	-1.23075
ENSG000001687	KLF9	Kruppel lik	ENSG000001187.0983	-0.74983	0.609771	-1.22969
ENSG00000151582	AZIN1	antizyme ir	ENSG00000191.019	0.873932	0.711008	1.229144
ENSG000001187	APLNR	apelin rece	ENSG00000121.19871	-1.84545	1.501428	-1.22913
ENSG00000179742	DIPK2B	divergent p	ENSG00000157.54737	-1.07578	0.875479	-1.22878
ENSG00000110409	BASP1	brain abun	ENSG0000017.019289	2.539219	2.066676	1.228649
ENSG00000110961	ERP29	endoplasm	ENSG00000135.16392	1.210445	0.985246	1.22857
ENSG000001122622	ADSSL1	adenylosuc	ENSG00000174.92191	-1.08147	0.880284	-1.22855
ENSG0000016566	SLC16A1	solute carr	ENSG000001185.9253	0.777823	0.633192	1.228416
ENSG0000014218	RAB8A	RAB8A, me	ENSG0000018.37549	2.205023	1.796364	1.227493
ENSG00000154922	RASIP1	Ras interac	ENSG00000112.6723	-2.12857	1.734382	-1.22728

ENSG0000I	ENSG0000I	283450	HECTD4	HECT dom	ENSG0000I	126.8971	-0.82404	0.671588	-1.22701
ENSG0000I	ENSG0000I	9322	TRIP10	thyroid ho	ENSG0000I	67.94147	-0.99206	0.808705	-1.22673
ENSG0000I	ENSG0000I	10424	PGRMC2	progester	ENSG0000I	31.50858	-1.33944	1.092343	-1.22621
ENSG0000I	ENSG0000I	54873	PALMD	palmdelph	ENSG0000I	250.1674	-0.77526	0.632312	-1.22607
ENSG0000I	ENSG0000I	10401	PIAS3	protein inh	ENSG0000I	16.08007	-1.85893	1.516595	-1.22573
ENSG0000I	ENSG0000I	100505738	MIR4458H	MIR4458 h	ENSG0000I	11.71499	1.977325	1.613539	1.225458
ENSG0000I	ENSG0000I	5270	SERPINE2	serpin fam	ENSG0000I	35.3576	-1.3318	1.08737	-1.22479
ENSG0000I	ENSG0000I	3064	HTT	huntingtin	ENSG0000I	108.364	-0.86039	0.702511	-1.22473
ENSG0000I	ENSG0000I	11080	DNAJB4	DnaJ heat	ENSG0000I	89.71668	0.917691	0.749366	1.224623
ENSG0000I	ENSG0000I	8139	GAN	gigaxonin	ENSG0000I	46.37016	-1.16447	0.950969	-1.22451
ENSG0000I	ENSG0000I	10487	CAP1	cyclase ass	ENSG0000I	145.3004	0.796315	0.650393	1.22436
ENSG0000I	ENSG0000I	115286	SLC25A26	solute carr	ENSG0000I	22.56839	1.436233	1.173235	1.224165
ENSG0000I	ENSG0000I	51665	ASB1	ankyrin re	ENSG0000I	63.68663	-1.05384	0.861688	-1.223
ENSG0000I	ENSG0000I	1832	DSP	desmoplak	ENSG0000I	1814.529	-0.68626	0.561147	-1.22296
ENSG0000I	ENSG0000I	10391	CORO2B	coronin 2B	ENSG0000I	16.10269	-1.86255	1.52362	-1.22245
ENSG0000I	ENSG0000I	2811	GP1BA	glycoprote	ENSG0000I	12.00035	1.902137	1.556781	1.22184
ENSG0000I	ENSG0000I	6840	SVIL	supervillin	ENSG0000I	989.4657	-0.63942	0.523461	-1.22152
ENSG0000I	ENSG0000I	23126	POGZ	pogo trans	ENSG0000I	92.05189	-0.89696	0.734442	-1.22128
ENSG0000I	ENSG0000I	221	ALDH3B1	aldehyde d	ENSG0000I	9.624843	2.0609	1.688744	1.220374
ENSG0000I	ENSG0000I	54521	WDR44	WD repeat	ENSG0000I	42.59988	1.107968	0.907969	1.220271
ENSG0000I	ENSG0000I	283755	HERC2P3	hect doma	ENSG0000I	30.54852	-1.77834	1.45742	-1.2202
ENSG0000I	ENSG0000I	90025	UBE3D	ubiquitin p	ENSG0000I	3.749888	-3.97155	3.255166	-1.22008
ENSG0000I	ENSG0000I	136647	MPLKIP	M-phase s	ENSG0000I	3.749888	-3.97155	3.255166	-1.22008
ENSG0000I	ENSG0000I	399761	BMS1P1	BMS1, ribo	ENSG0000I	3.749888	-3.97155	3.255166	-1.22008
ENSG0000I	ENSG0000I	9745	ZNF536	zinc finger	ENSG0000I	3.749888	-3.97155	3.255166	-1.22008
ENSG0000I	ENSG0000I	115290	FBXO17	F-box prot	ENSG0000I	3.749888	-3.97155	3.255166	-1.22008
ENSG0000I	ENSG0000I	111	ADCY5	adenylate	ENSG0000I	195.7766	-0.75076	0.615338	-1.22008
ENSG0000I	ENSG0000I	4907	NT5E	5'-nucleoti	ENSG0000I	18.66823	1.537957	1.260558	1.220061
ENSG0000I	ENSG0000I	388566	ZNF470	zinc finger	ENSG0000I	8.995519	-2.67901	2.19585	-1.22003
ENSG0000I	ENSG0000I	116984	ARAP2	ArfGAP wit	ENSG0000I	28.33388	1.292588	1.059825	1.219624
ENSG0000I	ENSG0000I	50509	COL5A3	collagen ty	ENSG0000I	31.38538	-1.33307	1.093541	-1.21904
ENSG0000I	ENSG0000I	1508	CTSB	cathepsin f	ENSG0000I	778.041	0.652081	0.535061	1.218705
ENSG0000I	ENSG0000I	3570	IL6R	interleukin	ENSG0000I	41.61811	1.184107	0.972527	1.217556
ENSG0000I	ENSG0000I	5660	PSAP	prosaposin	ENSG0000I	1334.89	0.606547	0.498261	1.217327
ENSG0000I	ENSG0000I	6518	SLC2A5	solute carr	ENSG0000I	3.772513	-3.98489	3.273888	-1.21717
ENSG0000I	ENSG0000I	10117	ENAM	enamelin	ENSG0000I	14.6675	1.713566	1.407883	1.217122
ENSG0000I	ENSG0000I	56997	COQ8A	coenzyme	ENSG0000I	315.7944	-0.68948	0.566615	-1.21684
ENSG0000I	ENSG0000I	9783	RIMS3	regulating	ENSG0000I	3.994058	3.145772	2.585308	1.216788
ENSG0000I	ENSG0000I	7535	ZAP70	zeta chain	ENSG0000I	3.994058	3.145772	2.585308	1.216788
ENSG0000I	ENSG0000I	5796	PTPRK	protein tyr	ENSG0000I	84.30755	-0.92953	0.763936	-1.21676
ENSG0000I	ENSG0000I	7531	YWHAE	tyrosine 3-	ENSG0000I	333.8824	0.662255	0.544908	1.215352
ENSG0000I	ENSG0000I	79611	ACSS3	acyl-CoA s	ENSG0000I	45.65989	-1.14045	0.938738	-1.21488
ENSG0000I	ENSG0000I	23035	PHLPP2	PH domain	ENSG0000I	16.12532	-1.86609	1.53695	-1.21415
ENSG0000I	ENSG0000I	63905	MANBAL	mannosida	ENSG0000I	12.58808	-2.11664	1.743356	-1.21412
ENSG0000I	ENSG0000I	84301	DDI2	DNA dama	ENSG0000I	86.45197	-0.90719	0.747339	-1.2139
ENSG0000I	ENSG0000I	135293	PM20D2	peptidase I	ENSG0000I	34.96787	-1.31954	1.087256	-1.21365
ENSG0000I	ENSG0000I	7504	XK	X-linked Kx	ENSG0000I	26.68603	1.354101	1.115943	1.213414

ENSG0000019547	ENSG00000225299	CXCL14	C-X-C moti	ENSG000003856736	-4.01942	3.312673	-1.21335
ENSG000008544		PIR	pirin	ENSG000008872324	-2.65879	2.192204	-1.21284
ENSG000009631		NUP155	nucleopor	ENSG0000037.05697	-1.23407	1.017839	-1.21244
ENSG0000051026		GOLT1B	golgi trans	ENSG0000039.78691	1.132064	0.933765	1.212366
ENSG000005440		POLR2K	RNA polym	ENSG0000036.53647	1.198501	0.988687	1.212215
ENSG000001500		CTNND1	catenin del	ENSG00000181.4845	-0.75094	0.619596	-1.21198
ENSG000006503		SLA	Src like ad	ENSG0000058.56605	2.530317	2.088785	1.211382
ENSG0000053919		SLCO1C1	solute carr	ENSG000003.78886	-3.98053	3.288366	-1.21049
ENSG00000100132501	LINC01415		long interg	ENSG000003.78886	-3.98053	3.288366	-1.21049
ENSG00000100287765	LINC00630		long interg	ENSG000003.78886	-3.98053	3.288366	-1.21049
ENSG000004820		NKTR	natural kill	ENSG00000165.63	-0.76408	0.631321	-1.21029
ENSG000000229715				ENSG000009.108645	-2.70917	2.239082	-1.20995
ENSG0000023090		ZNF423	zinc finger	ENSG0000016.13539	-1.85987	1.538009	-1.20927
ENSG000002081		ERN1	endoplasm	ENSG0000036.91234	1.164543	0.963029	1.209251
ENSG0000023339		VPS39	VPS39, HO	ENSG00000101.2846	-0.8951	0.740907	-1.20811
ENSG000005465		PPARA	peroxisom	ENSG00000185.8927	-0.73759	0.610638	-1.20789
ENSG000008614		STC2	stanniocalc	ENSG000008.771753	-2.64481	2.190015	-1.20767
ENSG000004926		NUMA1	nuclear mi	ENSG00000115.3528	-0.82844	0.686011	-1.20763
ENSG00000129446		XIRP2	xin actin bi	ENSG000001310.69	0.665171	0.551203	1.206764
ENSG000008718		TNFRSF25	TNF recept	ENSG000003.68829	-3.94908	3.272904	-1.2066
ENSG0000057576		KIF17	kinesin fan	ENSG000003.68829	-3.94908	3.272904	-1.2066
ENSG000000276975				ENSG000003.68829	-3.94908	3.272904	-1.2066
ENSG000000231259				ENSG000003.68829	-3.94908	3.272904	-1.2066
ENSG00000285676		ZNF454	zinc finger	ENSG000003.68829	-3.94908	3.272904	-1.2066
ENSG000009311		ASIC3	acid sensin	ENSG000003.68829	-3.94908	3.272904	-1.2066
ENSG00000219844		HYLS1	HYLS1, cen	ENSG000003.68829	-3.94908	3.272904	-1.2066
ENSG0000010101		NUBP2	nucleotide	ENSG000003.68829	-3.94908	3.272904	-1.2066
ENSG00000340591		CA5BP1	carbonic ar	ENSG000003.68829	-3.94908	3.272904	-1.2066
ENSG00000358		AQP1	aquaporin	ENSG00000217.9955	-0.77301	0.640848	-1.20624
ENSG000002564		GABRE	gamma-arr	ENSG0000044.17985	1.087068	0.901295	1.206118
ENSG0000079674		VEPH1	ventricular	ENSG000004.997019	2.805908	2.327503	1.205544
ENSG00000133522		PPARGC1B	PPARG coa	ENSG0000077.24838	-0.981	0.813977	-1.2052
ENSG000009926		LPGAT1	lysophosph	ENSG00000109.5499	0.817382	0.67831	1.205027
ENSG00000100287896	LOC100287		uncharacte	ENSG000003.727262	-3.95806	3.28571	-1.20463
ENSG0000054345		SOX18	SRY-box 18	ENSG000003.727262	-3.95806	3.28571	-1.20463
ENSG000007167		TPI1	triosephos	ENSG00000395.1914	0.656201	0.544911	1.204234
ENSG000005538		PPT1	palmitoyl- γ	ENSG0000055.62281	1.010485	0.839923	1.20307
ENSG0000025891		PAMR1	peptidase (	ENSG0000022.653	-1.57467	1.309092	-1.20287
ENSG0000057085		AGTRAP	angiotensii	ENSG0000010.95842	1.910608	1.588435	1.202824
ENSG000009423		NTN1	netrin 1	ENSG0000029.93647	1.247495	1.03741	1.202509
ENSG0000060489		APOBEC3G	apolipopro	ENSG000008.498686	2.148039	1.787256	1.201864
ENSG0000080228		ORAI2	ORAI calci	ENSG0000012.2304	1.813545	1.509789	1.201191
ENSG00000338692		ANKRD13D	ankyrin re γ	ENSG0000018.32127	1.591924	1.325367	1.201119
ENSG0000023362		PSD3	pleckstrin γ	ENSG00000171.7331	-0.79767	0.664386	-1.20061
ENSG0000084255		SLC37A3	solute carr	ENSG0000015.78842	-1.82771	1.523111	-1.19998
ENSG0000055450		CAMK2N1	calcium/ca	ENSG000008.710155	-2.63454	2.195876	-1.19977

ENSG0000015436	POLR2G	RNA polym	ENSG0000015436	13.44078	1.751771	1.46097	1.199047
ENSG00000155051	NRDE2	NRDE-2, ne	ENSG00000155051	25.4385	-1.4634	1.220727	-1.19879
ENSG0000014053	LTBP2	latent tran	ENSG0000014053	106.7652	-0.88374	0.737652	-1.19804
ENSG00000126056	RAB11FIP5	RAB11 fam	ENSG00000126056	33.97982	-1.26557	1.056496	-1.1979
ENSG00000123396	PIP5K1C	phosphatic	ENSG00000123396	33.97982	-1.26557	1.056496	-1.1979
ENSG00000110492	SYNCRIP	synaptotag	ENSG00000110492	133.8431	-0.79919	0.667193	-1.19784
ENSG00000151315	KRCC1	lysine rich	ENSG00000151315	34.26781	1.179726	0.985226	1.197417
ENSG0000013400	ID4	inhibitor of	ENSG0000013400	3.710915	-3.96248	3.309945	-1.19714
ENSG0000011268	CNR1	cannabinoi	ENSG0000011268	3.710915	-3.96248	3.309945	-1.19714
ENSG0000010233783			ENSG0000010233783	3.710915	-3.96248	3.309945	-1.19714
ENSG00000127067	STAU2	stauflen do	ENSG00000127067	101.2477	0.895348	0.747952	1.197066
ENSG00000110699	CORIN	corin, serin	ENSG00000110699	156.647	0.746241	0.623484	1.196887
ENSG0000010253125			ENSG0000010253125	3.665665	-3.93531	3.288885	-1.19655
ENSG000001150094	SIK1	salt inducik	ENSG000001150094	3.665665	-3.93531	3.288885	-1.19655
ENSG00000151501	HIKESHI	Hikeshi, he	ENSG00000151501	18.79143	1.517453	1.268452	1.196303
ENSG0000019901	SRGAP3	SLIT-ROBO	ENSG0000019901	19.00512	-1.65694	1.386304	-1.19522
ENSG00000110410	IFITM3	interferon	ENSG00000110410	174.913	-0.77233	0.646243	-1.19511
ENSG000001100874234	CACNA1C-	CACNA1C ;	ENSG000001100874234	8.73278	-2.6409	2.210055	-1.19495
ENSG0000018106	PABPN1	poly(A) bin	ENSG0000018106	19.32566	-1.69036	1.414837	-1.19474
ENSG00000157621	ZBTB2	zinc finger	ENSG00000157621	8.817003	-2.6573	2.224349	-1.19464
ENSG0000013673	ITGA2	integrin su	ENSG0000013673	17.7933	1.725777	1.44504	1.194276
ENSG0000011112	FOXN3	forkhead b	ENSG0000011112	229.9453	-0.70618	0.591315	-1.19426
ENSG000001103910	MYL12B	myosin lig	ENSG000001103910	156.9876	0.741472	0.621414	1.193201
ENSG00000184265	POLR3GL	RNA polym	ENSG00000184265	13.56397	1.721488	1.442778	1.193175
ENSG00000180763	SPX	spexin hori	ENSG00000180763	17.54207	1.543638	1.294083	1.192843
ENSG000001374378	GALNT18	polypeptid	ENSG000001374378	33.9572	-1.2638	1.060467	-1.19174
ENSG000001100820829	MYZAP	myocardial	ENSG000001100820829	185.9402	0.798438	0.670146	1.191438
ENSG0000010270640			ENSG0000010270640	3.626692	-3.92623	3.295431	-1.19142
ENSG00000179661	NEIL1	nei like DN	ENSG00000179661	3.626692	-3.92623	3.295431	-1.19142
ENSG0000010261770			ENSG0000010261770	3.626692	-3.92623	3.295431	-1.19142
ENSG0000016853	SYN1	synapsin I	ENSG0000016853	3.626692	-3.92623	3.295431	-1.19142
ENSG000001143903	LAYN	layilin	ENSG000001143903	8.625932	-2.61765	2.198391	-1.19071
ENSG00000110840	ALDH1L1	aldehyde d	ENSG00000110840	50.68031	-1.0697	0.898873	-1.19005
ENSG00000110225	CD96	CD96 mole	ENSG00000110225	5.792561	2.834768	2.383559	1.1893
ENSG000001116844	LRG1	leucine ric	ENSG000001116844	5.792561	2.834768	2.383559	1.1893
ENSG000001100507321	ERVK13-1	endogenot	ENSG000001100507321	28.90407	-1.42526	1.198855	-1.18885
ENSG0000016509	SLC1A4	solute carr	ENSG0000016509	17.37991	1.566846	1.318117	1.1887
ENSG000001129450	TYW5	tRNA-γW s	ENSG000001129450	12.30271	-2.08396	1.753323	-1.18858
ENSG0000019349	RPL23	ribosomal	ENSG0000019349	270.4428	0.677442	0.569993	1.188509
ENSG00000110462	CLEC10A	C-type lect	ENSG00000110462	8.190696	2.296626	1.933508	1.187803
ENSG000001117283	IP6K3	inositol he	ENSG000001117283	45.75981	1.067504	0.899212	1.187154
ENSG0000017295	TXN	thioredoxir	ENSG0000017295	25.71197	1.320157	1.1124	1.186765
ENSG000001284942	RPL23AP8	ribosomal	ENSG000001284942	7.372529	2.264966	1.908524	1.186763
ENSG0000010250860			ENSG0000010250860	3.604067	-3.91223	3.297274	-1.18651
ENSG00000185480	TSLP	thymic strc	ENSG00000185480	3.604067	-3.91223	3.297274	-1.18651
ENSG0000015362	PLXNA2	plexin A2	ENSG0000015362	76.95673	-0.97402	0.821038	-1.18632
ENSG00000110602	CDC42EP3	CDC42 effe	ENSG00000110602	118.6337	0.799218	0.673764	1.186199

ENSG0000I	ENSG0000I	6091	ROBO1	roundabou	ENSG0000I	27.97762	-1.36413	1.150257	-1.18593
ENSG0000I	ENSG0000I	317772	HIST2H2AE	histone clu	ENSG0000I	3.870862	3.337295	2.814411	1.185788
ENSG0000I	ENSG0000I	5778	PTPN7	protein tyr	ENSG0000I	3.870862	3.337295	2.814411	1.185788
ENSG0000I	ENSG0000I	0243176			ENSG0000I	3.870862	3.337295	2.814411	1.185788
ENSG0000I	ENSG0000I	643680	MS4A4E	membrane	ENSG0000I	3.870862	3.337295	2.814411	1.185788
ENSG0000I	ENSG0000I	64919	BCL11B	B cell CLL/I	ENSG0000I	3.870862	3.337295	2.814411	1.185788
ENSG0000I	ENSG0000I	780853	SNORD3C	small nucle	ENSG0000I	3.870862	3.337295	2.814411	1.185788
ENSG0000I	ENSG0000I	3240	HP	haptoglobi	ENSG0000I	22.28288	-4.05851	3.422865	-1.1857
ENSG0000I	ENSG0000I	51427	ZNF107	zinc finger	ENSG0000I	13.62557	1.706593	1.439466	1.185574
ENSG0000I	ENSG0000I	6193	RPS5	ribosomal	ENSG0000I	96.18106	0.879237	0.741626	1.185553
ENSG0000I	ENSG0000I	8992	ATP6V0E1	ATPase H+	ENSG0000I	78.44988	0.888252	0.749341	1.185378
ENSG0000I	ENSG0000I	2550	GABBR1	gamma-an	ENSG0000I	25.41209	-1.46797	1.238763	-1.18503
ENSG0000I	ENSG0000I	9145	SYNGR1	synaptogy	ENSG0000I	21.93645	-1.52445	1.286488	-1.18497
ENSG0000I	ENSG0000I	10631	POSTN	periostin	ENSG0000I	64.80758	2.445507	2.064016	1.18483
ENSG0000I	ENSG0000I	9839	ZEB2	zinc finger	ENSG0000I	252.0364	0.687873	0.580691	1.184577
ENSG0000I	ENSG0000I	51639	SF3B6	splicing fac	ENSG0000I	29.92012	1.244118	1.050653	1.184138
ENSG0000I	ENSG0000I	1296	COL8A2	collagen ty	ENSG0000I	5.120215	2.686844	2.271547	1.182826
ENSG0000I	ENSG0000I	79575	ABHD8	abhydrolas	ENSG0000I	5.120215	2.686844	2.271547	1.182826
ENSG0000I	ENSG0000I	261726	TIPRL	TOR signali	ENSG0000I	34.30678	1.178512	0.996454	1.182707
ENSG0000I	ENSG0000I	64375	IKZF4	IKAROS far	ENSG0000I	12.21849	-2.07164	1.75187	-1.18253
ENSG0000I	ENSG0000I	1212	CLTB	clathrin lig	ENSG0000I	63.73006	0.940045	0.795287	1.18202
ENSG0000I	ENSG0000I	5701	PSMC2	proteasom	ENSG0000I	74.27063	0.890826	0.753799	1.181782
ENSG0000I	ENSG0000I	153129	SLC38A9	solute carr	ENSG0000I	17.60367	1.53271	1.297178	1.181572
ENSG0000I	ENSG0000I	0235363			ENSG0000I	3.07532	3.455	2.924148	1.18154
ENSG0000I	ENSG0000I	51514	DTL	denticleles	ENSG0000I	3.07532	3.455	2.924148	1.18154
ENSG0000I	ENSG0000I	64108	RTP4	receptor tr	ENSG0000I	3.07532	3.455	2.924148	1.18154
ENSG0000I	ENSG0000I	79730	NSUN7	NOP2/Sun	ENSG0000I	3.07532	3.455	2.924148	1.18154
ENSG0000I	ENSG0000I	944	TNFSF8	TNF superf	ENSG0000I	3.07532	3.455	2.924148	1.18154
ENSG0000I	ENSG0000I	341676	NEK5	NIMA relat	ENSG0000I	3.07532	3.455	2.924148	1.18154
ENSG0000I	ENSG0000I	100287036	LOC100287	uncharacte	ENSG0000I	3.07532	3.455	2.924148	1.18154
ENSG0000I	ENSG0000I	80776	B9D2	B9 domain	ENSG0000I	3.07532	3.455	2.924148	1.18154
ENSG0000I	ENSG0000I	114132	SIGLEC11	sialic acid k	ENSG0000I	3.07532	3.455	2.924148	1.18154
ENSG0000I	ENSG0000I	57091	CASS4	Cas scaffold	ENSG0000I	3.07532	3.455	2.924148	1.18154
ENSG0000I	ENSG0000I	7052	TGM2	transglutar	ENSG0000I	838.8381	0.601497	0.509206	1.181244
ENSG0000I	ENSG0000I	5939	RBMS2	RNA bindir	ENSG0000I	96.70652	-0.86715	0.734107	-1.18124
ENSG0000I	ENSG0000I	2876	GPX1	glutathion	ENSG0000I	29.79692	1.255925	1.063238	1.181227
ENSG0000I	ENSG0000I	9844	ELMO1	engulfmen	ENSG0000I	48.74751	1.034737	0.876007	1.181198
ENSG0000I	ENSG0000I	23567	ZNF346	zinc finger	ENSG0000I	12.24112	-2.07637	1.759246	-1.18026
ENSG0000I	ENSG0000I	133	ADM	adrenome	ENSG0000I	12.24112	-2.07637	1.759246	-1.18026
ENSG0000I	ENSG0000I	5332	PLCB4	phospholi	ENSG0000I	50.47289	-1.06232	0.900231	-1.18005
ENSG0000I	ENSG0000I	9123	SLC16A3	solute carr	ENSG0000I	12.35359	1.779549	1.509089	1.17922
ENSG0000I	ENSG0000I	5711	PSMD5	proteasom	ENSG0000I	18.78135	-1.63965	1.390726	-1.17899
ENSG0000I	ENSG0000I	10006	ABI1	abl interac	ENSG0000I	56.22244	0.980145	0.831945	1.178137
ENSG0000I	ENSG0000I	6227	RPS21	ribosomal	ENSG0000I	43.05474	1.156049	0.982003	1.177235
ENSG0000I	ENSG0000I	55707	NECAP2	NECAP enc	ENSG0000I	28.52495	1.265344	1.075271	1.176767
ENSG0000I	ENSG0000I	8729	GBF1	golgi brefe	ENSG0000I	142.7011	-0.76226	0.648199	-1.17597
ENSG0000I	ENSG0000I	3146	HMGB1	high mobil	ENSG0000I	169.5745	0.72213	0.614543	1.175068

ENSG0000014232	MEST	mesoderm	ENSG000001913127	-2.71421	2.310257	-1.17485
ENSG0000019814	SFI1	SFI1 centri	ENSG000001493652	1.646154	1.401214	1.174806
ENSG0000010253142			ENSG0000013542469	-3.88881	3.310282	-1.17477
ENSG00000125850	ZNF345	zinc finger	ENSG0000013542469	-3.88881	3.310282	-1.17477
ENSG000001102724428	SIK1B	salt inducit	ENSG0000013542469	-3.88881	3.310282	-1.17477
ENSG0000013344	FOXN2	forkhead b	ENSG0000014324476	1.061518	0.903718	1.174613
ENSG0000016332	SCN7A	sodium vol	ENSG0000012014783	-0.75294	0.641048	-1.17455
ENSG000001101927034	ROR1-AS1	ROR1 antis	ENSG0000013565094	-3.90298	3.323875	-1.17423
ENSG0000010283399			ENSG0000013565094	-3.90298	3.323875	-1.17423
ENSG0000018711	TNK1	tyrosine ki	ENSG0000013565094	-3.90298	3.323875	-1.17423
ENSG0000010276449			ENSG0000013565094	-3.90298	3.323875	-1.17423
ENSG00000156252	YLPM1	YLP motif c	ENSG0000011061402	-0.82316	0.701192	-1.17394
ENSG0000011032	CDKN2D	cyclin depe	ENSG0000011502074	1.620704	1.380917	1.173644
ENSG000001100505894	TMEM161	TMEM161f	ENSG0000012179062	-1.51272	1.289027	-1.17354
ENSG0000019759	HDAC4	histone de	ENSG0000014913345	1.015962	0.866269	1.172802
ENSG0000018317	CDC7	cell divisio	ENSG0000013649317	-3.93957	3.359504	-1.17267
ENSG0000016869	TACR1	tachykinin	ENSG0000013649317	-3.93957	3.359504	-1.17267
ENSG0000010281332			ENSG0000013649317	-3.93957	3.359504	-1.17267
ENSG0000017419	VDAC3	voltage de	ENSG0000011679079	0.727408	0.620402	1.172477
ENSG0000013681	ITGAD	integrin su	ENSG0000018609584	-2.62008	2.234941	-1.17232
ENSG0000017042	TGFB2	transformi	ENSG0000019748038	2.012915	1.717057	1.172305
ENSG000001489	ATP2A3	ATPase sar	ENSG0000019748038	2.012915	1.717057	1.172305
ENSG00000155008	HERC6	HECT and F	ENSG0000013157803	1.205824	1.028759	1.172115
ENSG000001220988	HNRNPA3	heterogen	ENSG0000011143345	-0.81324	0.694118	-1.17161
ENSG000001137835	TMEM71	transmeml	ENSG0000013146112	1.209527	1.032462	1.171498
ENSG00000123199	GSE1	Gse1 coile	ENSG0000014470074	-1.10135	0.940929	-1.1705
ENSG000001400960	PCBP1-AS1	PCBP1 anti	ENSG0000012719137	1.282212	1.095552	1.170379
ENSG0000011329	COX5B	cytochrom	ENSG0000011662826	0.730563	0.624296	1.170218
ENSG00000184293	PRXL2A	peroxiredo	ENSG0000011502116	-0.74965	0.640884	-1.16972
ENSG000001816	CAMK2B	calcium/ca	ENSG0000017885097	-0.94426	0.807527	-1.16933
ENSG000001388135	INSYN1	inhibitory s	ENSG0000016553457	-1.10367	0.943921	-1.16924
ENSG0000013151	HMG2	high mobil	ENSG0000014998431	1.044524	0.89348	1.169052
ENSG0000017049	TGFBR3	transformi	ENSG0000011485605	-0.87642	0.74982	-1.16885
ENSG0000016275	S100A4	S100 calci	ENSG000001518295	1.005481	0.860386	1.168639
ENSG0000016815	STYX	serine/thre	ENSG0000013710601	-1.23279	1.05529	-1.1682
ENSG0000018558	CDK10	cyclin depe	ENSG0000011863553	-1.62611	1.392311	-1.16792
ENSG00000164900	LPIN3	lipin 3	ENSG0000011863553	-1.62611	1.392311	-1.16792
ENSG0000013184	HNRNPD	heterogen	ENSG0000015831401	-0.99575	0.852599	-1.1679
ENSG000001127262	TPRG1L	tumor prot	ENSG0000014784956	-1.08901	0.932696	-1.16759
ENSG000001118461	C10orf71	chromosor	ENSG0000012328989	-0.79794	0.684045	-1.1665
ENSG00000157645	POGK	pogo trans	ENSG0000015033963	-1.05998	0.90875	-1.16642
ENSG0000011471	CST3	cystatin C	ENSG0000012143967	0.683643	0.586346	1.165938
ENSG00000110097	ACTR2	ARP2 actin	ENSG0000011642503	0.716182	0.614688	1.165114
ENSG000001706	TSPO	translocatc	ENSG0000011243781	1.746475	1.499231	1.164914
ENSG0000012114	ETS2	ETS proto-c	ENSG0000011224375	-0.89415	0.767898	-1.16442
ENSG000001114907	FBXO32	F-box prot	ENSG000001516949	-0.61306	0.526794	-1.16376
ENSG00000191137	SLC25A46	solute carr	ENSG0000018517451	0.84451	0.72568	1.163749

ENSG00000123036	TC2N	tandem C2	ENSG0000037.36117	-1.2519	1.07612	-1.16335
ENSG000005297	PI4KA	phosphatic	ENSG0000087.39961	-0.86366	0.742416	-1.16331
ENSG0000084440	RAB11FIP4	RAB11 fam	ENSG0000019.10569	1.451589	1.248904	1.16229
ENSG0000022931	RAB18	RAB18, me	ENSG00000106.4568	0.790848	0.680623	1.161948
ENSG0000093664	CADPS2	calcium de	ENSG0000052.82094	-1.02808	0.884824	-1.16191
ENSG00000279739			ENSG000003.480871	-3.86501	3.327941	-1.16138
ENSG0000051085	MLXIPL	MLX intera	ENSG000003.480871	-3.86501	3.327941	-1.16138
ENSG00000441666	LOC441666	zinc finger	ENSG000003.480871	-3.86501	3.327941	-1.16138
ENSG00000260461			ENSG000003.480871	-3.86501	3.327941	-1.16138
ENSG0000010998	SLC27A5	solute carr	ENSG000003.480871	-3.86501	3.327941	-1.16138
ENSG0000010000	AKT3	AKT serine,	ENSG0000068.82123	-0.93135	0.802069	-1.16118
ENSG000001545	CYP1B1	cytochrom	ENSG0000060.90217	-0.975	0.839876	-1.16089
ENSG0000010614	HEXIM1	hexamethy	ENSG0000024.66036	-1.41436	1.218403	-1.16083
ENSG0000026086	GPSM1	G protein s	ENSG0000015.47416	-1.79198	1.544396	-1.16031
ENSG0000079632	FAM184A	family with	ENSG000003.581441	-3.89842	3.360866	-1.15995
ENSG000002119	ETV5	ETS variant	ENSG0000012.0337	-2.0486	1.766577	-1.15964
ENSG00000146177	VWA3A	von Willeb	ENSG000003.643039	-3.92204	3.382363	-1.15956
ENSG000005725	PTBP1	polypyrimi	ENSG0000039.45654	-1.17933	1.017952	-1.15854
ENSG000006621	SNAPC4	small nucle	ENSG000008.37954	-2.57533	2.223534	-1.15821
ENSG000004702	NDUFA8	NADH:ubic	ENSG0000082.92076	0.87553	0.755978	1.158141
ENSG0000050862	RNF141	ring finger	ENSG0000044.86998	1.037283	0.896339	1.157243
ENSG000003429	IFI27	interferon	ENSG0000055.38165	0.957993	0.827994	1.157005
ENSG000006786	STIM1	stromal int	ENSG0000049.44771	0.995639	0.860901	1.156509
ENSG0000011335	CBX3	chromobo	ENSG0000076.18749	0.869251	0.751862	1.156131
ENSG00000463	ZFHX3	zinc finger	ENSG0000085.07798	-0.87717	0.758827	-1.15596
ENSG00000272221			ENSG000003.519844	-3.87457	3.352821	-1.15562
ENSG00000126432	RINL	Ras and Ra	ENSG000003.519844	-3.87457	3.352821	-1.15562
ENSG000004733	DRG1	developme	ENSG0000050.18793	1.024086	0.886973	1.154585
ENSG000002170	FABP3	fatty acid b	ENSG000001774.085	0.64501	0.55876	1.15436
ENSG00000109729181	ZNF710-AS	ZNF710 an	ENSG0000056.03136	-1.02385	0.886973	-1.15432
ENSG000003678	ITGA5	integrin su	ENSG00000135.5313	-0.78047	0.67644	-1.15379
ENSG00000282996	RBM20	RNA bindir	ENSG00000356.2213	-0.64218	0.55675	-1.15344
ENSG000003669	ISG20	interferon	ENSG000007.456752	2.193066	1.902374	1.152805
ENSG000008672	EIF4G3	eukaryotic	ENSG00000128.8414	-0.76798	0.666267	-1.15267
ENSG000009830	TRIM14	tripartite n	ENSG0000014.85857	1.648424	1.430157	1.152617
ENSG00000203286	ANKS6	ankyrin re	ENSG000008.33429	-2.56175	2.223235	-1.15226
ENSG0000084270	CARD19	caspase re	ENSG0000011.22744	1.813612	1.574239	1.152056
ENSG000005293	PIK3CD	phosphatic	ENSG0000018.7977	1.501449	1.30334	1.152001
ENSG000007386	UQCRFS1	ubiquinol-c	ENSG00000183.7653	0.705886	0.613306	1.150952
ENSG000005129	CDK18	cyclin depe	ENSG00000149.6063	-0.84808	0.7374	-1.1501
ENSG00000253430	IPMK	inositol pol	ENSG0000017.89531	1.471143	1.279391	1.149878
ENSG00000100506178	LOC100506	uncharacte	ENSG000003.458246	-3.85042	3.352987	-1.14835
ENSG00000100506127	GVQW3	GVQW mo	ENSG000003.458246	-3.85042	3.352987	-1.14835
ENSG00000146542	ZNF688	zinc finger	ENSG000003.458246	-3.85042	3.352987	-1.14835
ENSG00000233895			ENSG000008.317942	-2.56453	2.233312	-1.14831
ENSG0000084987	COX14	cytochrom	ENSG0000030.5361	1.186891	1.033621	1.148284
ENSG0000057556	SEMA6A	semaphori	ENSG0000028.36604	-1.3933	1.214575	-1.14715

ENSG0000015469	ENSG0000015469	MED1	mediator c	ENSG0000015469	63.66126	-0.96493	0.841374	-1.14685
ENSG000001375190	ENSG000001375190	FAM228B	family with	ENSG000001375190	8.272692	-2.55087	2.224431	-1.14675
ENSG0000012669	ENSG0000012669	GEM	GTP bindin	ENSG0000012669	8.272692	-2.55087	2.224431	-1.14675
ENSG0000013636	ENSG0000013636	INPPL1	inositol pol	ENSG0000013636	126.6493	-0.77734	0.678072	-1.1464
ENSG00000179693	ENSG00000179693	YRDC	yrDC N6-th	ENSG00000179693	3.419273	-3.84079	3.350707	-1.14626
ENSG0000010234943	ENSG0000010234943			ENSG0000010234943	3.419273	-3.84079	3.350707	-1.14626
ENSG0000010253932	ENSG0000010253932			ENSG0000010253932	3.419273	-3.84079	3.350707	-1.14626
ENSG0000012189	ENSG0000012189	FANCG	FA comple	ENSG0000012189	3.419273	-3.84079	3.350707	-1.14626
ENSG0000010272977	ENSG0000010272977			ENSG0000010272977	3.419273	-3.84079	3.350707	-1.14626
ENSG0000011375	ENSG0000011375	CPT1B	carnitine p	ENSG0000011375	3.419273	-3.84079	3.350707	-1.14626
ENSG00000126051	ENSG00000126051	PPP1R16B	protein ph	ENSG00000126051	17.87269	1.480383	1.291981	1.145824
ENSG00000155589	ENSG00000155589	BMP2K	BMP2 indu	ENSG00000155589	37.71939	1.099762	0.95996	1.145633
ENSG0000015108	ENSG0000015108	PCM1	pericentric	ENSG0000015108	390.0613	0.620816	0.541961	1.145499
ENSG0000019218	ENSG0000019218	VAPA	VAMP assc	ENSG0000019218	152.3309	0.723772	0.631896	1.145397
ENSG000001132228	ENSG000001132228	LSMEM2	leucine ricl	ENSG000001132228	12.47679	1.745897	1.525994	1.144104
ENSG00000157541	ENSG00000157541	ZNF398	zinc finger	ENSG00000157541	21.50526	-1.49283	1.305485	-1.14351
ENSG0000017363	ENSG0000017363	UGT2B4	UDP glucur	ENSG0000017363	22.8085	1.414962	1.237462	1.143438
ENSG0000012840	ENSG0000012840	GPR17	G protein-c	ENSG0000012840	24.50826	-1.40045	1.225276	-1.14297
ENSG000001203859	ENSG000001203859	ANO5	anoctamin	ENSG000001203859	198.8533	0.717347	0.627853	1.142538
ENSG0000011432	ENSG0000011432	MAPK14	mitogen-ac	ENSG0000011432	83.52288	0.850595	0.744532	1.142456
ENSG00000127020	ENSG00000127020	NPTN	neuroplast	ENSG00000127020	127.8686	0.751849	0.658201	1.142279
ENSG00000157664	ENSG00000157664	PLEKHA4	pleckstrin l	ENSG00000157664	23.00585	1.368387	1.198176	1.142058
ENSG00000123603	ENSG00000123603	CORO1C	coronin 1C	ENSG00000123603	109.8405	0.777823	0.681117	1.141981
ENSG00000180762	ENSG00000180762	NDFIP1	Nedd4 fam	ENSG00000180762	118.9796	0.762251	0.667926	1.14122
ENSG000001146057	ENSG000001146057	TTBK2	tau tubulin	ENSG000001146057	78.84194	-0.87506	0.766874	-1.14107
ENSG00000110915	ENSG00000110915	TCERG1	transcripti	ENSG00000110915	60.66833	-0.97043	0.850607	-1.14086
ENSG0000018829	ENSG0000018829	NRP1	neuropilin	ENSG0000018829	312.655	-0.63857	0.559754	-1.1408
ENSG0000015356	ENSG0000015356	PLRG1	pleiotropic	ENSG0000015356	45.85659	1.05328	0.923308	1.140767
ENSG0000010236936	ENSG0000010236936			ENSG0000010236936	3.013722	3.593244	3.150366	1.14058
ENSG0000013898	ENSG0000013898	LAD1	ladinin 1	ENSG0000013898	3.013722	3.593244	3.150366	1.14058
ENSG0000010231579	ENSG0000010231579			ENSG0000010231579	3.013722	3.593244	3.150366	1.14058
ENSG0000018361	ENSG0000018361	HIST1H4F	histone clu	ENSG0000018361	3.013722	3.593244	3.150366	1.14058
ENSG0000013120	ENSG0000013120	HLA-DQB2	major histc	ENSG0000013120	3.013722	3.593244	3.150366	1.14058
ENSG00000184433	ENSG00000184433	CARD11	caspase re	ENSG00000184433	3.013722	3.593244	3.150366	1.14058
ENSG00000154329	ENSG00000154329	GPR85	G protein-c	ENSG00000154329	3.013722	3.593244	3.150366	1.14058
ENSG00000150856	ENSG00000150856	CLEC4A	C-type lect	ENSG00000150856	3.013722	3.593244	3.150366	1.14058
ENSG000001100188949	ENSG000001100188949	LINC00426	long interg	ENSG000001100188949	3.013722	3.593244	3.150366	1.14058
ENSG0000016252	ENSG0000016252	RTN1	reticulon 1	ENSG0000016252	3.013722	3.593244	3.150366	1.14058
ENSG0000011201	ENSG0000011201	CLN3	CLN3, batt	ENSG0000011201	3.013722	3.593244	3.150366	1.14058
ENSG0000010267102	ENSG0000010267102			ENSG0000010267102	3.013722	3.593244	3.150366	1.14058
ENSG00000157761	ENSG00000157761	TRIB3	tribbles ps	ENSG00000157761	3.013722	3.593244	3.150366	1.14058
ENSG00000184809	ENSG00000184809	CROCCP2	ciliary root	ENSG00000184809	8.211094	-2.53992	2.226867	-1.14058
ENSG0000011801	ENSG0000011801	DPH1	diphthamic	ENSG0000011801	8.211094	-2.53992	2.226867	-1.14058
ENSG0000010279175	ENSG0000010279175			ENSG0000010279175	8.211094	-2.53992	2.226867	-1.14058
ENSG00000164288	ENSG00000164288	ZSCAN31	zinc finger	ENSG00000164288	11.25006	1.79494	1.575312	1.139419
ENSG00000123367	ENSG00000123367	LARP1	La ribonucl	ENSG00000123367	317.2608	-0.64936	0.569944	-1.13933
ENSG00000125878	ENSG00000125878	MXRA5	matrix rem	ENSG00000125878	35.01326	1.114585	0.978374	1.139222

ENSG0000017341	SUMO1	small ubiquitin	ENSG0000014678056	0.99979	0.877727	1.139067
ENSG00000130818	KCNIP3	potassium channel	ENSG0000013396648	-3.82591	3.359762	-1.13875
ENSG000001202020	TAPT1-AS1	TAPT1 anti-sense	ENSG0000013396648	-3.82591	3.359762	-1.13875
ENSG0000010255710			ENSG0000013396648	-3.82591	3.359762	-1.13875
ENSG00000157332	CBX8	chromobox	ENSG0000013396648	-3.82591	3.359762	-1.13875
ENSG00000183473	KATNAL2	katanin catenin	ENSG0000013396648	-3.82591	3.359762	-1.13875
ENSG0000019454	HOMER3	homer scaffolding	ENSG0000013396648	-3.82591	3.359762	-1.13875
ENSG00000125	ABL1	ABL proto-oncogene	ENSG0000017611803	-0.88223	0.77474	-1.13875
ENSG0000019802	DAZAP2	DAZ associated protein	ENSG0000011729534	0.692962	0.608624	1.138571
ENSG000001257415	FAM133B	family with sequence	ENSG0000011512719	-1.75841	1.545129	-1.13803
ENSG00000110093	ARPC4	actin related protein	ENSG000001263732	1.241597	1.091237	1.137789
ENSG00000184263	HSDL2	hydroxysteroid	ENSG0000012651136	0.674217	0.592578	1.137768
ENSG000001677819	SNORA37	small nucleolar	ENSG0000018767702	2.01033	1.767032	1.137687
ENSG0000010257647			ENSG0000018311665	-2.55504	2.245924	-1.13764
ENSG0000015694	PSMB6	proteasome subunit	ENSG000001767645	0.84933	0.746596	1.137603
ENSG00000123350	U2SURP	U2 snRNP protein	ENSG0000018658628	-0.84589	0.743973	-1.13698
ENSG00000157634	EP400	E1A binding protein	ENSG0000016024094	-0.95549	0.840565	-1.13673
ENSG0000018085	KMT2D	lysine methyltransferase	ENSG000001215.13	-0.67434	0.59333	-1.13654
ENSG000001163486	DENND1B	DENN domain containing	ENSG0000015755981	0.985361	0.867505	1.135857
ENSG0000012885	GRB2	growth factor receptor	ENSG000001821893	0.849393	0.747836	1.135801
ENSG00000123264	ZC3H7B	zinc finger protein	ENSG0000018662525	-0.84646	0.745299	-1.13573
ENSG00000164777	RMND5B	required for cell	ENSG0000013300432	-1.21403	1.069407	-1.13524
ENSG00000193380	MMGT1	membrane associated	ENSG0000015104403	0.982169	0.865568	1.134711
ENSG00000127258	LSM3	LSM3 homolog	ENSG000001264348	1.235029	1.089196	1.13389
ENSG000001126282	TNFAIP8L1	TNF alpha 1 protein	ENSG0000018149496	-2.52889	2.230565	-1.13374
ENSG000001125	ADH1B	alcohol dehydrogenase	ENSG0000013716137	-1.86597	1.64588	-1.13372
ENSG0000017075	TIE1	tyrosine kinase	ENSG0000013286478	-1.20847	1.066104	-1.13354
ENSG00000123395	LARS2	leucyl-tRNA synthetase	ENSG000001300403	-1.2576	1.109457	-1.13353
ENSG00000123677	SH3BP4	SH3 domain containing	ENSG0000012491682	-1.42652	1.258628	-1.13339
ENSG0000015819	NECTIN2	nectin cell adhesion	ENSG0000012717057	-1.31391	1.159296	-1.13337
ENSG0000016181	RPLP2	ribosomal protein	ENSG0000011355293	0.767729	0.677466	1.133237
ENSG00000151720	UIMC1	ubiquitin interacting	ENSG0000014906178	1.01442	0.89535	1.132988
ENSG00000151752	ERAP1	endoplasmic reticulum	ENSG0000011099599	0.772554	0.682186	1.132467
ENSG0000011645	AKR1C1	aldo-keto reductase	ENSG0000012362183	1.291383	1.140688	1.132108
ENSG00000157234	LINC00869	long intergenic	ENSG0000018398115	2.175145	1.921967	1.131729
ENSG0000019168	TMSB10	thymosin beta 4	ENSG0000012558075	0.66448	0.587201	1.131605
ENSG000001914	CD2	CD2 molecule	ENSG0000014935421	2.873741	2.541663	1.130654
ENSG0000010211772			ENSG0000014935421	2.873741	2.541663	1.130654
ENSG000001124460	SNX20	sorting nexin	ENSG0000014935421	2.873741	2.541663	1.130654
ENSG00000151284	TLR7	toll like receptor	ENSG0000014935421	2.873741	2.541663	1.130654
ENSG0000010272070			ENSG0000018188469	-2.53299	2.240463	-1.13057
ENSG000001100996694	LINC02502	long intergenic	ENSG0000014139879	2.848645	2.520261	1.130298
ENSG000001728975	LOC728975	uncharacterized	ENSG0000014139879	2.848645	2.520261	1.130298
ENSG000001114915	EPB41L4A-AS1	EPB41L4A antisense	ENSG0000013441898	-3.85504	3.411297	-1.13008
ENSG0000017297	TYK2	tyrosine kinase	ENSG0000014990152	0.970472	0.858876	1.129932
ENSG00000127430	MAT2B	methionine adenosyl	ENSG000001678328	0.877496	0.776596	1.129925
ENSG00000151264	MRPL27	mitochondrial ribosomal	ENSG0000012934834	1.182745	1.047451	1.129165

ENSG000001013713			ENSG000001013713	3.357675	-3.81613	3.379649	-1.12915
ENSG000001101929	THSD4-AS1	THSD4 anti	ENSG000001101929	3.357675	-3.81613	3.379649	-1.12915
ENSG000001105369	PKD1P6-NF	PKD1P6-NF	ENSG000001105369	3.357675	-3.81613	3.379649	-1.12915
ENSG00000123117	NPIP3	nuclear po	ENSG00000123117	3.357675	-3.81613	3.379649	-1.12915
ENSG00000155177	RMDN3	regulator c	ENSG00000155177	11.71943	-2.00236	1.773576	-1.12899
ENSG00000181566	CSRNP2	cysteine ar	ENSG00000181566	32.78056	-1.2035	1.066277	-1.12869
ENSG0000010267002			ENSG0000010267002	21.22997	-1.46771	1.30082	-1.1283
ENSG00000155573	CDV3	CDV3 hom	ENSG00000155573	222.3432	0.658822	0.583997	1.128125
ENSG0000011810	DR1	down-regu	ENSG0000011810	81.34851	0.832567	0.738069	1.128033
ENSG000001100190939	TPT1-AS1	TPT1 antis	ENSG000001100190939	18.15909	-1.58267	1.403552	-1.12762
ENSG00000110949	HNRNPA0	heterogen	ENSG00000110949	46.556	-1.04255	0.924644	-1.12752
ENSG00000157410	SCYL1	SCY1 like p	ENSG00000157410	41.39354	-1.10553	0.980524	-1.12748
ENSG000001100288198	HMG3-AS1	HMG3 an	ENSG000001100288198	3.33505	-3.80103	3.372005	-1.12723
ENSG0000015152	PDE9A	phosphodi	ENSG0000015152	3.33505	-3.80103	3.372005	-1.12723
ENSG0000010241489			ENSG0000010241489	3.33505	-3.80103	3.372005	-1.12723
ENSG0000016133	RPL9	ribosomal	ENSG0000016133	317.4922	0.650948	0.57758	1.127028
ENSG00000180777	CYB5B	cytochrom	ENSG00000180777	45.50858	0.998474	0.886444	1.126381
ENSG0000010269890			ENSG0000010269890	8.087898	-2.51777	2.235565	-1.12623
ENSG00000184570	COL25A1	collagen ty	ENSG00000184570	8.087898	-2.51777	2.235565	-1.12623
ENSG0000016654	SOS1	SOS Ras/R	ENSG0000016654	125.6662	-0.7647	0.679126	-1.12601
ENSG00000154148	MRPL39	mitochond	ENSG00000154148	32.28451	1.135752	1.008895	1.125739
ENSG00000154910	SEMA4C	semaphori	ENSG00000154910	27.26107	-1.32281	1.175109	-1.12569
ENSG0000019039	UBA3	ubiquitin li	ENSG0000019039	60.45844	0.905537	0.804503	1.125586
ENSG00000111228	RASSF8	Ras associa	ENSG00000111228	51.95229	-0.99851	0.887156	-1.12552
ENSG0000010211679			ENSG0000010211679	3.940959	-4.05101	3.600379	-1.12516
ENSG000001114804	RNF157	ring finger	ENSG000001114804	27.6181	-1.33904	1.1903	-1.12496
ENSG00000179026	AHNAK	AHNAK nu	ENSG00000179026	4499.055	-0.53885	0.479273	-1.12432
ENSG00000154461	FBXW5	F-box and	ENSG00000154461	41.53557	-1.11608	0.992691	-1.1243
ENSG0000018751	ADAM15	ADAM met	ENSG0000018751	57.29954	-0.96415	0.857649	-1.12418
ENSG000001220729	LOC220729	succinate c	ENSG000001220729	27.34529	-1.32863	1.18198	-1.12408
ENSG0000015685	PSMA4	proteasom	ENSG0000015685	54.41766	0.941034	0.837239	1.123973
ENSG00000155848	PLGRKT	plasminog	ENSG00000155848	19.49791	1.386351	1.234054	1.123412
ENSG0000015287	PIK3C2B	phosphatic	ENSG0000015287	49.19569	-1.01788	0.906107	-1.12336
ENSG000001130502	TTC32	tetratricop	ENSG000001130502	5.266036	2.503053	2.228498	1.123202
ENSG00000123061	TBC1D9B	TBC1 dom	ENSG00000123061	65.16707	-0.91662	0.816419	-1.12273
ENSG0000016398	SECTM1	secreted at	ENSG0000016398	7.333556	2.260795	2.01389	1.122601
ENSG000001716	C1S	compleme	ENSG000001716	308.742	-0.76672	0.683412	-1.1219
ENSG0000015203	PFDN4	prefoldin s	ENSG0000015203	14.04041	1.593513	1.420595	1.121722
ENSG000001170622	COMMD6	COMM dor	ENSG000001170622	22.24928	1.315048	1.172788	1.121301
ENSG0000016156	RPL30	ribosomal	ENSG0000016156	56.62093	0.958175	0.854536	1.121282
ENSG0000014752	NEK3	NIMA relat	ENSG0000014752	8.065273	-2.51068	2.240458	-1.12061
ENSG0000018125	ANP32A	acidic nucl	ENSG0000018125	88.70404	0.821794	0.73385	1.11984
ENSG00000165125	WNK1	WNK lysine	ENSG00000165125	1057.192	-0.61213	0.546716	-1.11966
ENSG0000017292	TNFSF4	TNF superf	ENSG0000017292	4.201477	2.775039	2.479125	1.119362
ENSG00000155911	APOBR	apolipopro	ENSG00000155911	4.201477	2.775039	2.479125	1.119362
ENSG00000191775	NXPE3	neurexoph	ENSG00000191775	94.83975	-0.83101	0.742416	-1.11934
ENSG0000016687	SPG7	SPG7, para	ENSG0000016687	84.10249	-0.85577	0.764647	-1.11918

ENSG0000I	ENSG0000I	8727	CTNNAL1	catenin alp	ENSG0000I	75.40202	0.851266	0.760696	1.119062
ENSG0000I	ENSG0000I	7056	THBD	thrombom	ENSG0000I	30.56578	-1.28325	1.147227	-1.11856
ENSG0000I	ENSG0000I	4628	MYH10	myosin he	ENSG0000I	110.2568	-0.79192	0.708209	-1.1182
ENSG0000I	ENSG0000I	654	BMP6	bone morp	ENSG0000I	6.453791	2.259277	2.020454	1.118202
ENSG0000I	ENSG0000I	338094	FAM151A	family with	ENSG0000I	8.026301	-2.50656	2.24193	-1.11804
ENSG0000I	ENSG0000I	00267136			ENSG0000I	8.026301	-2.50656	2.24193	-1.11804
ENSG0000I	ENSG0000I	3607	FOXP2	forkhead b	ENSG0000I	43.94901	-1.0697	0.957063	-1.11769
ENSG0000I	ENSG0000I	64065	PERP	PERP, TP53	ENSG0000I	69.65916	0.860173	0.769744	1.11748
ENSG0000I	ENSG0000I	1536	CYBB	cytochrom	ENSG0000I	75.34148	2.269362	2.031376	1.117155
ENSG0000I	ENSG0000I	57477	SHROOM4	shroom far	ENSG0000I	86.65795	-0.8463	0.757562	-1.11713
ENSG0000I	ENSG0000I	9037	SEMA5A	semaphori	ENSG0000I	133.8014	0.720308	0.644838	1.117037
ENSG0000I	ENSG0000I	11179	ZNF277	zinc finger	ENSG0000I	15.26714	1.568748	1.405415	1.116217
ENSG0000I	ENSG0000I	10817	FRS3	fibroblast g	ENSG0000I	5.204438	2.555933	2.289941	1.116157
ENSG0000I	ENSG0000I	4853	NOTCH2	notch 2	ENSG0000I	200.2664	0.677079	0.606684	1.116033
ENSG0000I	ENSG0000I	10157	AASS	aminoadip	ENSG0000I	91.06397	-0.94138	0.843513	-1.11603
ENSG0000I	ENSG0000I	210	ALAD	aminolevul	ENSG0000I	98.77299	-0.84861	0.760434	-1.11596
ENSG0000I	ENSG0000I	51030	TVP23B	trans-golgi	ENSG0000I	22.34985	1.305794	1.170349	1.11573
ENSG0000I	ENSG0000I	00250138			ENSG0000I	13.79663	4.074254	3.653045	1.115303
ENSG0000I	ENSG0000I	8724	SNX3	sorting nex	ENSG0000I	97.12177	0.77802	0.697669	1.11517
ENSG0000I	ENSG0000I	56995	TULP4	tubby like j	ENSG0000I	117.0834	-0.76293	0.684483	-1.11461
ENSG0000I	ENSG0000I	51255	RNF181	ring finger	ENSG0000I	28.09899	1.184296	1.063088	1.114015
ENSG0000I	ENSG0000I	113451	AZIN2	antizyme ir	ENSG0000I	3.273452	-3.77572	3.389478	-1.11395
ENSG0000I	ENSG0000I	100129029	PKP4-AS1	PKP4 antis	ENSG0000I	3.273452	-3.77572	3.389478	-1.11395
ENSG0000I	ENSG0000I	100506258	LOC100506	uncharacte	ENSG0000I	3.273452	-3.77572	3.389478	-1.11395
ENSG0000I	ENSG0000I	00279128			ENSG0000I	3.273452	-3.77572	3.389478	-1.11395
ENSG0000I	ENSG0000I	374819	LRRC37A3	leucine ricl	ENSG0000I	3.273452	-3.77572	3.389478	-1.11395
ENSG0000I	ENSG0000I	5032	P2RY11	purinergic	ENSG0000I	3.273452	-3.77572	3.389478	-1.11395
ENSG0000I	ENSG0000I	130507	UBR3	ubiquitin p	ENSG0000I	296.3281	-0.65287	0.586251	-1.11363
ENSG0000I	ENSG0000I	2040	STOM	stomatin	ENSG0000I	383.0111	-0.60286	0.541348	-1.11362
ENSG0000I	ENSG0000I	64773	PCED1A	PC-esteras	ENSG0000I	8.048926	-2.51356	2.257207	-1.11357
ENSG0000I	ENSG0000I	2110	ETFDH	electron tr	ENSG0000I	179.2367	0.709249	0.636964	1.113483
ENSG0000I	ENSG0000I	7091	TLE4	transducin	ENSG0000I	24.93906	1.267177	1.13811	1.113404
ENSG0000I	ENSG0000I	54802	TRIT1	tRNA isope	ENSG0000I	14.85818	-1.72893	1.554698	-1.11207
ENSG0000I	ENSG0000I	57554	LRRC7	leucine ricl	ENSG0000I	8.350638	-2.55979	2.302877	-1.11156
ENSG0000I	ENSG0000I	471	ATIC	5-aminoim	ENSG0000I	21.02255	-1.45082	1.305297	-1.11149
ENSG0000I	ENSG0000I	79895	ATP8B4	ATPase ph	ENSG0000I	15.0044	1.610596	1.450393	1.110455
ENSG0000I	ENSG0000I	896	CCND3	cyclin D3	ENSG0000I	44.25923	0.994438	0.895622	1.110333
ENSG0000I	ENSG0000I	200958	MUC20	mucin 20, c	ENSG0000I	3.296077	-3.79097	3.417281	-1.10935
ENSG0000I	ENSG0000I	134353	LSM11	LSM11, U7	ENSG0000I	3.296077	-3.79097	3.417281	-1.10935
ENSG0000I	ENSG0000I	79969	ATAT1	alpha tubu	ENSG0000I	3.296077	-3.79097	3.417281	-1.10935
ENSG0000I	ENSG0000I	00228649			ENSG0000I	3.296077	-3.79097	3.417281	-1.10935
ENSG0000I	ENSG0000I	00279530			ENSG0000I	3.296077	-3.79097	3.417281	-1.10935
ENSG0000I	ENSG0000I	00279976			ENSG0000I	3.296077	-3.79097	3.417281	-1.10935
ENSG0000I	ENSG0000I	57216	VANGL2	VANGL pla	ENSG0000I	7.964703	-2.49526	2.249753	-1.10913
ENSG0000I	ENSG0000I	7555	CNBP	CCHC-type	ENSG0000I	360.4059	0.598489	0.539839	1.108644
ENSG0000I	ENSG0000I	2739	GLO1	glyoxalase	ENSG0000I	90.97414	0.794464	0.716614	1.108636
ENSG0000I	ENSG0000I	388753	COA6	cytochrom	ENSG0000I	10.1239	1.834165	1.654449	1.108626

ENSG0000019093	DNAJA3	DnaJ heat s	ENSG00000157.44915	-0.96608	0.871615	-1.10838
ENSG00000155741	EDEM2	ER degrad	ENSG00000119.58213	1.369139	1.235397	1.108258
ENSG00000129799	YPEL1	yippee like	ENSG0000017.942077	-2.48807	2.24572	-1.10792
ENSG00000123150	FRMD4B	FERM dom	ENSG00000136.62213	1.080126	0.975007	1.107813
ENSG00000126155	NOC2L	NOC2 like	ENSG00000123.89228	-1.3593	1.227195	-1.10765
ENSG0000012650	GCNT1	glucosamir	ENSG00000115.49718	1.509092	1.362544	1.107554
ENSG00000110561	IFI44	interferon	ENSG00000123.72868	1.271773	1.148718	1.107124
ENSG0000015136	PDE1A	phosphodi	ENSG00000125.28602	1.231091	1.11202	1.107076
ENSG0000011291	COL6A1	collagen ty	ENSG000001157.5007	-0.7014	0.633594	-1.10702
ENSG000001112770	GLMP	glycosylate	ENSG00000110.06231	1.855284	1.676705	1.106506
ENSG0000013028	HSD17B10	hydroxyste	ENSG00000133.87076	1.100986	0.995171	1.106328
ENSG00000123248	RPRD2	regulation	ENSG00000177.80485	-0.85057	0.768839	-1.1063
ENSG0000016418	SET	SET nuclea	ENSG000001193.6149	0.668472	0.604273	1.106243
ENSG00000181565	NDEL1	nudE neur	ENSG00000142.80246	1.004242	0.907849	1.106177
ENSG0000017102	TSPAN7	tetraspanir	ENSG00000114.81293	-1.72083	1.556198	-1.10579
ENSG0000016129	RPL7	ribosomal	ENSG000001336.3548	0.653352	0.591016	1.105473
ENSG0000016169	RPL38	ribosomal	ENSG000001158.6711	0.688408	0.622863	1.105232
ENSG00000185300	ATCAY	ATCAY, cay	ENSG0000013.374023	-3.81144	3.450281	-1.10468
ENSG00000179666	PLEKHF2	pleckstrin	ENSG00000119.64373	1.359964	1.231216	1.10457
ENSG000001340061	TMEM173	transmem	ENSG00000142.12488	1.046952	0.948308	1.10402
ENSG0000019873	FCHSD2	FCH and dc	ENSG00000180.18338	0.824686	0.74725	1.103629
ENSG000001201283	AMZ2P1	archaelysir	ENSG0000013.312425	-3.78599	3.431534	-1.10329
ENSG0000019771	RAPGEF5	Rap guanir	ENSG00000154.45871	-0.97653	0.885107	-1.10329
ENSG00000154897	CASZ1	castor zinc	ENSG00000135.17385	-1.14305	1.036637	-1.10265
ENSG0000018321	FZD1	frizzled cl	ENSG00000126.90601	1.311303	1.189368	1.102521
ENSG000001100049587	SIGLEC14	sialic acid k	ENSG0000017.064539	2.449559	2.221841	1.102491
ENSG0000015067	CNTN3	contactin 3	ENSG0000017.987328	-2.50225	2.270103	-1.10226
ENSG0000018123	PWAR5	Prader Wil	ENSG00000187.74409	-0.86831	0.787891	-1.10207
ENSG00000123361	ZNF629	zinc finger	ENSG00000155.24065	-0.99772	0.905787	-1.10149
ENSG0000017409	VAV1	vav guanin	ENSG00000111.00367	1.872705	1.700196	1.101464
ENSG00000151184	GPN3	GPN-loop	ENSG00000116.79178	1.462741	1.328023	1.101442
ENSG000001113251	LARP4	La ribonucl	ENSG000001101.6601	-0.79396	0.720843	-1.10143
ENSG0000012330	FMO5	flavin cont	ENSG00000111.45041	-1.96491	1.785004	-1.10079
ENSG0000018444	DYRK3	dual specif	ENSG00000111.45041	-1.96491	1.785004	-1.10079
ENSG0000011075	CTSC	cathepsin	ENSG00000159.23237	1.083094	0.984055	1.100644
ENSG0000011839	HBEGF	heparin bir	ENSG00000129.70158	1.144933	1.040312	1.100567
ENSG00000126292	MYCBP	MYC bindir	ENSG0000017.88048	-2.47664	2.250369	-1.10055
ENSG000001135138	PACRG	parkin core	ENSG0000017.88048	-2.47664	2.250369	-1.10055
ENSG0000017465	WEE1	WEE1 G2 c	ENSG00000145.92342	0.972137	0.883653	1.100135
ENSG0000015376	PMP22	peripheral	ENSG000001132.102	-0.77573	0.705177	-1.10006
ENSG0000012719	GPC3	glypican 3	ENSG00000111.49566	-1.97517	1.795835	-1.09986
ENSG000001645513	LOC645513	septin 7 ps	ENSG00000114.71236	-1.71193	1.557049	-1.09947
ENSG0000014711	NDUFB5	NADH:ubic	ENSG000001148.5087	0.715812	0.651258	1.099123
ENSG00000100210082			ENSG0000011974230	-0.6715	0.611008	-1.099
ENSG000001151	ADRA2B	adrenocep	ENSG0000017.919452	-2.48086	2.257496	-1.09894
ENSG00000184224	NBPF3	NBPF mem	ENSG0000013.211854	-3.74996	3.412484	-1.09889
ENSG00000100224093			ENSG0000013.211854	-3.74996	3.412484	-1.09889

ENSG0000I	ENSG0000I	692099	FAM86DP	family with	ENSG0000I	3.211854	-3.74996	3.412484	-1.09889
ENSG0000I	ENSG0000I	101927233	SEMA6A-A	SEMA6A ar	ENSG0000I	3.211854	-3.74996	3.412484	-1.09889
ENSG0000I	ENSG0000I	2051	EPHB6	EPH recept	ENSG0000I	3.211854	-3.74996	3.412484	-1.09889
ENSG0000I	ENSG000000253369				ENSG0000I	3.211854	-3.74996	3.412484	-1.09889
ENSG0000I	ENSG000000279088				ENSG0000I	3.211854	-3.74996	3.412484	-1.09889
ENSG0000I	ENSG0000I	27346	TMEM97	transmeml	ENSG0000I	3.211854	-3.74996	3.412484	-1.09889
ENSG0000I	ENSG0000I	284757	MIR646HG	MIR646 ho	ENSG0000I	3.211854	-3.74996	3.412484	-1.09889
ENSG0000I	ENSG0000I	284058	KANSL1	KAT8 regul	ENSG0000I	83.0905	-0.83599	0.761398	-1.09797
ENSG0000I	ENSG0000I	124935	SLC43A2	solute carr	ENSG0000I	11.51908	1.705406	1.553425	1.097836
ENSG0000I	ENSG0000I	56104	PCDHGB1	protocadhe	ENSG0000I	14.90343	-1.73676	1.582193	-1.09769
ENSG0000I	ENSG0000I	50840	TAS2R14	taste 2 rec	ENSG0000I	3.250827	-3.76023	3.426808	-1.0973
ENSG0000I	ENSG0000I	54852	PAQR5	progestin a	ENSG0000I	3.250827	-3.76023	3.426808	-1.0973
ENSG0000I	ENSG0000I	192683	SCAMP5	secretory c	ENSG0000I	3.250827	-3.76023	3.426808	-1.0973
ENSG0000I	ENSG0000I	1489	CTF1	cardiotropl	ENSG0000I	3.250827	-3.76023	3.426808	-1.0973
ENSG0000I	ENSG0000I	11018	TMED1	transmeml	ENSG0000I	3.250827	-3.76023	3.426808	-1.0973
ENSG0000I	ENSG0000I	63915	BLOC1S5	biogenesis	ENSG0000I	15.55878	1.496935	1.364453	1.097096
ENSG0000I	ENSG0000I	58490	RPRD1B	regulation	ENSG0000I	56.43509	0.906218	0.826177	1.096881
ENSG0000I	ENSG0000I	8470	SORBS2	sorbin and	ENSG0000I	1107.167	-0.55344	0.50462	-1.09674
ENSG0000I	ENSG0000I	115992	RNF166	ring finger	ENSG0000I	8.975121	1.908592	1.740282	1.096714
ENSG0000I	ENSG0000I	83641	FAM107B	family with	ENSG0000I	15.5198	1.498106	1.365996	1.096714
ENSG0000I	ENSG0000I	121504	HIST4H4	histone clu	ENSG0000I	7.664171	2.065052	1.883603	1.096331
ENSG0000I	ENSG0000I	54498	SMOX	spermine c	ENSG0000I	7.664171	2.065052	1.883603	1.096331
ENSG0000I	ENSG0000I	6166	RPL36AL	ribosomal	ENSG0000I	78.78821	0.824992	0.752552	1.096258
ENSG0000I	ENSG0000I	55095	SAMD4B	sterile alph	ENSG0000I	43.20983	-1.04094	0.949776	-1.09599
ENSG0000I	ENSG0000I	79786	KLHL36	kelch like f	ENSG0000I	93.47832	-0.8047	0.734308	-1.09586
ENSG0000I	ENSG0000I	5175	PECAM1	platelet an	ENSG0000I	303.1594	-0.61242	0.55899	-1.09558
ENSG0000I	ENSG0000I	8654	PDE5A	phosphodi	ENSG0000I	59.26441	0.900656	0.822199	1.095423
ENSG0000I	ENSG0000I	64131	XYLT1	xylosyltran	ENSG0000I	14.06303	1.580928	1.443387	1.095291
ENSG0000I	ENSG0000I	130814	PQLC3	PQ loop re	ENSG0000I	12.85265	1.621189	1.480986	1.094669
ENSG0000I	ENSG0000I	23043	TNIK	TRAF2 and	ENSG0000I	48.87594	0.955197	0.872667	1.094572
ENSG0000I	ENSG0000I	83860	TAF3	TATA-box k	ENSG0000I	20.79878	-1.43488	1.310983	-1.0945
ENSG0000I	ENSG0000I	6949	TCOF1	treacle rib	ENSG0000I	40.4922	-1.06898	0.976799	-1.09438
ENSG0000I	ENSG0000I	55805	LRP2BP	LRP2 bindi	ENSG0000I	7.857854	-2.46934	2.257543	-1.09382
ENSG0000I	ENSG000000281205				ENSG0000I	7.857854	-2.46934	2.257543	-1.09382
ENSG0000I	ENSG0000I	51246	SHISA5	shisa famil	ENSG0000I	56.37977	0.906092	0.828396	1.093791
ENSG0000I	ENSG0000I	6645	SNTB2	syntrophin	ENSG0000I	56.63831	-0.94341	0.863374	-1.0927
ENSG0000I	ENSG0000I	3775	KCNK1	potassium	ENSG0000I	22.5799	1.269265	1.161905	1.0924
ENSG0000I	ENSG0000I	10985	GCN1	GCN1, eIF2	ENSG0000I	118.598	-0.74294	0.680355	-1.09198
ENSG0000I	ENSG0000I	64320	RNF25	ring finger	ENSG0000I	11.58067	1.688044	1.545973	1.091898
ENSG0000I	ENSG0000I	51109	RDH11	retinol deh	ENSG0000I	25.39287	1.213274	1.111935	1.091137
ENSG0000I	ENSG0000I	80772	CPTP	ceramide-1	ENSG0000I	20.75353	-1.42898	1.309905	-1.0909
ENSG0000I	ENSG0000I	91694	LONRF1	LON peptic	ENSG0000I	28.26744	1.162707	1.067648	1.089037
ENSG0000I	ENSG0000I	55900	ZNF302	zinc finger	ENSG0000I	47.56499	0.953759	0.875811	1.089002
ENSG0000I	ENSG0000I	9887	SMG7	SMG7, non	ENSG0000I	87.65084	-0.80584	0.740088	-1.08884
ENSG0000I	ENSG0000I	84283	TMEM79	transmeml	ENSG0000I	3.189229	-3.7341	3.430693	-1.08844
ENSG0000I	ENSG0000I	100506413	DOCK4-AS	DOCK4 ant	ENSG0000I	3.189229	-3.7341	3.430693	-1.08844
ENSG0000I	ENSG0000I	58489	ABHD17C	abhydrolas	ENSG0000I	3.189229	-3.7341	3.430693	-1.08844

ENSG000001226094			ENSG000001226094	3.189229	-3.7341	3.430693	-1.08844
ENSG00000157670	KIAA1549	KIAA1549	ENSG00000157670	20.73718	-1.43012	1.314008	-1.08837
ENSG000001113189	CHST14	carbohydrate	ENSG000001113189	7.796256	-2.45774	2.258986	-1.08799
ENSG0000015341	PLEK	pleckstrin	ENSG0000015341	42.12306	2.625794	2.413838	1.087809
ENSG000001233110			ENSG000001233110	11.36619	-1.95149	1.794065	-1.08775
ENSG00000123255	MTCL1	microtubule	ENSG00000123255	11.36619	-1.95149	1.794065	-1.08775
ENSG0000012828	GPR4	G protein-coupled	ENSG0000012828	11.36619	-1.95149	1.794065	-1.08775
ENSG00000155269	PSPC1	paraspeckle	ENSG00000155269	41.30671	1.015883	0.934063	1.087596
ENSG0000019370	ADIPOQ	adiponectin	ENSG0000019370	3.73354	-3.97309	3.653223	-1.08756
ENSG00000155600	ITLN1	intelectin 1	ENSG00000155600	21.15673	-6.46798	5.950124	-1.08703
ENSG0000017549	ZNF2	zinc finger	ENSG0000017549	10.3087	1.772946	1.63103	1.08701
ENSG00000127075	TSPAN13	tetraspanin	ENSG00000127075	20.69193	-1.42421	1.310258	-1.08697
ENSG00000151247	PAIP2	poly(A) binding	ENSG00000151247	28.34538	1.160137	1.067488	1.086791
ENSG00000130000	TNPO2	transportin	ENSG00000130000	51.25837	-0.97634	0.898667	-1.08643
ENSG00000110577	NPC2	NPC intracellular	ENSG00000110577	55.64059	0.940621	0.866282	1.085814
ENSG000001224769			ENSG000001224769	3.234479	-3.76524	3.46839	-1.08559
ENSG000001286128	ZFP41	ZFP41 zinc finger	ENSG000001286128	3.234479	-3.76524	3.46839	-1.08559
ENSG00000122822	PHLDA1	pleckstrin domain	ENSG00000122822	19.72795	1.343153	1.237823	1.085093
ENSG00000157804	POLD4	DNA polymerase	ENSG00000157804	7.787367	2.006336	1.849063	1.085056
ENSG0000018487	GEMIN2	geminin	ENSG0000018487	7.787367	2.006336	1.849063	1.085056
ENSG0000019762	LZTS3	leucine zipper	ENSG0000019762	23.63961	-1.33894	1.234	-1.08504
ENSG0000019785	DHX38	DEAH-box	ENSG0000019785	48.38864	-0.98829	0.911764	-1.08393
ENSG00000111160	ERLIN2	ER lipid raft	ENSG00000111160	51.85108	0.937842	0.865221	1.083933
ENSG00000165265	C8orf33	chromosome 8	ENSG00000165265	32.05773	-1.16508	1.075374	-1.08341
ENSG00000156548	CHST7	carbohydrate	ENSG00000156548	8.020023	-2.49699	2.304996	-1.08329
ENSG00000157666	FBRSL1	fibrosin like	ENSG00000157666	20.73091	-1.42604	1.316441	-1.08325
ENSG0000014616	GADD45B	growth arrest	ENSG0000014616	45.68735	-1.00907	0.93153	-1.08324
ENSG00000110061	ABCF2	ATP binding	ENSG00000110061	53.63911	-0.94686	0.874167	-1.08316
ENSG000001342357	ZKSCAN2	zinc finger	ENSG000001342357	11.30459	-1.94319	1.794212	-1.08303
ENSG000001229344			ENSG000001229344	7.958425	-2.48543	2.295047	-1.08295
ENSG000001100507246	SNHG16	small nucleolar	ENSG000001100507246	166.0896	0.663966	0.613262	1.082679
ENSG0000014131	MAP1B	microtubule	ENSG0000014131	423.1013	-0.58286	0.538366	-1.08264
ENSG000001440270	GOLGA8B	golgin A8 family	ENSG000001440270	17.95795	-1.56755	1.448304	-1.08234
ENSG000001232036			ENSG000001232036	3.150256	-3.7237	3.442001	-1.08184
ENSG000001250848			ENSG000001250848	3.150256	-3.7237	3.442001	-1.08184
ENSG000001232486			ENSG000001232486	3.150256	-3.7237	3.442001	-1.08184
ENSG000001100652846	CACNA1C	CACNA1C calcium	ENSG000001100652846	3.150256	-3.7237	3.442001	-1.08184
ENSG0000014234	METTL1	methyltransferase	ENSG0000014234	3.150256	-3.7237	3.442001	-1.08184
ENSG000001100134869	UBE2Q2P2	ubiquitin conjugating	ENSG000001100134869	3.150256	-3.7237	3.442001	-1.08184
ENSG00000157526	PCDH19	protocadherin	ENSG00000157526	3.150256	-3.7237	3.442001	-1.08184
ENSG000001126208	ZNF787	zinc finger	ENSG000001126208	7.734659	-2.44607	2.261823	-1.08146
ENSG000001215105			ENSG000001215105	7.734659	-2.44607	2.261823	-1.08146
ENSG00000164091	POPDC2	popeye domain	ENSG00000164091	295.3511	0.600075	0.55493	1.081352
ENSG0000015318	PKP2	plakophilin	ENSG0000015318	564.1258	0.557135	0.515491	1.080785
ENSG000001192668	CYS1	cystin 1	ENSG000001192668	5.389232	2.40258	2.223255	1.080659
ENSG000001283518	KCNRG	potassium	ENSG000001283518	5.389232	2.40258	2.223255	1.080659
ENSG00000123250	ATP11A	ATPase phosphatase	ENSG00000123250	156.2562	-0.68635	0.635192	-1.08054

ENSG00000141777	HCG18	HLA compl	ENSG0000015093782	-0.96298	0.891479	-1.08021
ENSG00000112817	HOGA1	4-hydroxy-	ENSG0000011126641	1.81153	1.677626	1.079818
ENSG00000119032	BORCS7	BLOC-1 rel	ENSG0000011450494	-1.68811	1.56337	-1.07979
ENSG0000014190	MDH1	malate de	ENSG0000016771418	0.581771	0.538864	1.079626
ENSG00000170960	ZNF721	zinc finger	ENSG0000014022318	-1.05716	0.979228	-1.07959
ENSG00000178988	MRPL57	mitochond	ENSG0000012130792	1.282994	1.18925	1.078826
ENSG00000160592	SCOC	short coile	ENSG0000016289071	0.856831	0.794396	1.078594
ENSG0000018851	CDK5R1	cyclin depe	ENSG0000014263075	2.703222	2.50722	1.078175
ENSG00000279095			ENSG0000011124299	-1.93485	1.795231	-1.07777
ENSG00000126134	RALGAPA1	Ral GTPase	ENSG0000013127631	-3.70755	3.441683	-1.07725
ENSG00000226469			ENSG0000013127631	-3.70755	3.441683	-1.07725
ENSG00000230490			ENSG0000013127631	-3.70755	3.441683	-1.07725
ENSG00000164799	IQCH	IQ motif cc	ENSG0000013127631	-3.70755	3.441683	-1.07725
ENSG00000155336	FBXL8	F-box and l	ENSG0000013127631	-3.70755	3.441683	-1.07725
ENSG0000012788	GNG7	G protein s	ENSG0000014015531	-1.05255	0.978397	-1.07579
ENSG0000013696	ITGB8	integrin su	ENSG0000012563926	1.186445	1.10302	1.075634
ENSG00000164756	ATPAF1	ATP syntha	ENSG0000011769179	0.679165	0.631457	1.075552
ENSG00000179608	RIC3	RIC3 acetyl	ENSG0000011753684	-1.52334	1.417832	-1.07442
ENSG00000155040	EPN3	epsin 3	ENSG0000017673061	-2.4343	2.26608	-1.07423
ENSG00000231933			ENSG0000017673061	-2.4343	2.26608	-1.07423
ENSG000001114043	TSPEAR-AS	TSPEAR an	ENSG0000017695686	-2.44176	2.273188	-1.07416
ENSG000001152110	NEK10	NIMA relat	ENSG0000012355539	-1.3321	1.240338	-1.07398
ENSG00000163877	FAM204A	family with	ENSG0000016114857	0.871644	0.811789	1.073733
ENSG00000125843	MOB4	MOB famil	ENSG0000012709603	1.160756	1.08108	1.0737
ENSG000001339318	ZNF181	zinc finger	ENSG0000012050714	-1.40981	1.313656	-1.07319
ENSG0000013646	EIF3E	eukaryotic	ENSG0000011430878	0.680864	0.634552	1.072984
ENSG000001212	ALAS2	5'-aminole	ENSG0000018268642	2.296765	2.140974	1.072766
ENSG000001140691	TRIM69	tripartite n	ENSG0000017983537	0.791577	0.738259	1.072222
ENSG00000130827	CXXC1	CXXC finge	ENSG0000011442071	-1.67728	1.565648	-1.0713
ENSG00000123640	HSPBP1	HSPA (Hsp	ENSG0000017712033	-2.43864	2.276457	-1.07124
ENSG0000012180	ACSL1	acyl-CoA s	ENSG0000015993895	0.583191	0.544643	1.070776
ENSG00000164386	MMP25	matrix met	ENSG000001153035	4.028264	3.762992	1.070495
ENSG00000154103	GSAP	gamma-se	ENSG0000012278731	1.239958	1.158339	1.070463
ENSG0000013419	IDH3A	isocitrate c	ENSG0000017065728	0.820166	0.766365	1.070204
ENSG00000123435	TARDBP	TAR DNA b	ENSG0000013731448	-1.07837	1.008104	-1.06971
ENSG000001284021	MILR1	mast cell ir	ENSG0000016599612	2.141692	2.002615	1.069447
ENSG0000016588	SLN	sarcolipin	ENSG0000011322708	1.839039	1.720694	1.068778
ENSG00000164422	ATG3	autophagy	ENSG0000013147262	1.090872	1.021372	1.068046
ENSG0000012733	GLE1	GLE1, RNA	ENSG0000013147262	1.090872	1.021372	1.068046
ENSG0000014881	NPR1	natriuretic	ENSG0000012055239	-1.41574	1.325664	-1.06795
ENSG00000164771	C6orf106	chromosor	ENSG0000012614096	-0.61583	0.576658	-1.06793
ENSG00000181706	PPP1R14C	protein ph	ENSG0000017726735	0.835114	0.782152	1.067714
ENSG00000126090	ABHD12	abhydrolas	ENSG0000011857917	1.344855	1.259585	1.067697
ENSG00000111275	KLHL2	kelch like f	ENSG0000012822847	1.164227	1.090456	1.067652
ENSG00000155287	TMEM40	transmeml	ENSG0000013136918	3.321107	3.1111	1.067502
ENSG0000013084	NRG1	neuregulin	ENSG0000013136918	3.321107	3.1111	1.067502
ENSG0000014973	OLR1	oxidized lo	ENSG0000013136918	3.321107	3.1111	1.067502

ENSG0000018649	LAMTOR3	late endosome	ENSG0000013742291	1.022271	0.957769	1.067346
ENSG00000180325	ABTB1	ankyrin repeat	ENSG00000128.63703	1.127166	1.056365	1.067024
ENSG00000151347	TAOK3	TAO kinase	ENSG00000168.79574	0.841988	0.789185	1.066907
ENSG0000017327	UBE2G2	ubiquitin conjugation	ENSG00000189.62302	-0.78591	0.736647	-1.06687
ENSG0000019131	AIFM1	apoptosis inducer	ENSG00000180.52628	-0.84212	0.789695	-1.06639
ENSG0000017424	VEGFC	vascular endothelial	ENSG0000017.650435	-2.42678	2.275803	-1.06634
ENSG0000017324	UBE2E1	ubiquitin conjugation	ENSG00000152.43436	0.904961	0.848734	1.066248
ENSG00000126287	ANKRD2	ankyrin repeat	ENSG00000177.33534	-1.05836	0.992615	-1.06623
ENSG00000183716	CRISPLD2	cysteine rich	ENSG00000199.74431	-0.75936	0.712213	-1.0662
ENSG000001916	CD3E	CD3e molecule	ENSG0000014.078281	2.93053	2.750003	1.065646
ENSG0000011073	CFL2	cofilin 2	ENSG000001227.0406	0.640628	0.601188	1.065602
ENSG000001100129434	LOC100129434	uncharacterized	ENSG0000017.718311	-2.44897	2.298492	-1.06547
ENSG0000019860	LRIG2	leucine rich	ENSG00000142.99234	-1.03445	0.971375	-1.06493
ENSG0000014781	NFIB	nuclear factor	ENSG000001398.6552	-0.57713	0.541945	-1.06492
ENSG000001116986	AGAP2	ArfGAP with	ENSG00000114.39809	-1.67308	1.572143	-1.0642
ENSG00000100224114			ENSG0000013.066033	-3.68054	3.45877	-1.06412
ENSG00000155698	RADIL	Rap association	ENSG0000013.066033	-3.68054	3.45877	-1.06412
ENSG000001442319	ZNF727	zinc finger	ENSG0000013.066033	-3.68054	3.45877	-1.06412
ENSG000001101930421	LOC101930421	uncharacterized	ENSG0000013.066033	-3.68054	3.45877	-1.06412
ENSG00000100226899			ENSG0000013.066033	-3.68054	3.45877	-1.06412
ENSG0000019986	RCE1	Ras conversion	ENSG0000013.066033	-3.68054	3.45877	-1.06412
ENSG00000100188599			ENSG0000013.066033	-3.68054	3.45877	-1.06412
ENSG00000179755	ZNF750	zinc finger	ENSG0000013.066033	-3.68054	3.45877	-1.06412
ENSG000001162681	C18orf54	chromosome	ENSG0000013.066033	-3.68054	3.45877	-1.06412
ENSG0000012138	EYA1	EYA transcription	ENSG00000111.15877	-1.92115	1.80559	-1.064
ENSG0000016659	SOX4	SRY-box 4	ENSG0000017.634088	-2.42992	2.284173	-1.06381
ENSG00000155174	INTS10	integrator	ENSG00000146.52305	0.935955	0.880396	1.063107
ENSG00000154915	YTHDF1	YTH N6-methyl	ENSG00000137.27551	-1.07724	1.013586	-1.0628
ENSG0000012931	GSK3A	glycogen synthase	ENSG00000117.41364	-1.51216	1.42285	-1.06277
ENSG000001271	AMPD2	adenosine	ENSG00000111.6649	1.654561	1.557426	1.062369
ENSG00000100272078			ENSG0000013.088658	-3.69689	3.480505	-1.06217
ENSG000001101928673	LOC101928673	uncharacterized	ENSG0000013.088658	-3.69689	3.480505	-1.06217
ENSG00000100280002			ENSG0000013.088658	-3.69689	3.480505	-1.06217
ENSG0000011565	CYP2D6	cytochrome	ENSG0000013.088658	-3.69689	3.480505	-1.06217
ENSG00000151762	RAB8B	RAB8B, membrane	ENSG00000153.98163	0.891448	0.839347	1.062072
ENSG00000183861	RSPH3	radial spoke	ENSG00000127.24185	1.143398	1.076836	1.061812
ENSG000001694	BTG1	BTG anti-proliferation	ENSG00000193.1336	0.769062	0.724369	1.0617
ENSG000001166785	MMAA	metabolism	ENSG00000111.7265	1.637668	1.5436	1.06094
ENSG0000018338	HIST2H2AC	histone cluster	ENSG00000130.17802	1.097067	1.034171	1.060818
ENSG00000154674	LRRN3	leucine rich	ENSG00000113.06007	1.562477	1.473018	1.060731
ENSG00000122883	CLSTN1	calyntenin	ENSG000001107.3654	-0.74293	0.700403	-1.06071
ENSG00000193010	B3GNT7	UDP-GlcNAc	ENSG0000017.588838	-2.41483	2.276646	-1.0607
ENSG000001945	CD33	CD33 molecule	ENSG0000016.66121	2.106427	1.986148	1.060559
ENSG0000011855	DVL1	dishevelled	ENSG00000132.25259	-1.1716	1.105331	-1.05995
ENSG0000015230	PGK1	phosphoglycerate	ENSG000001378.349	0.569214	0.53707	1.05985
ENSG000001161247	FITM1	fat storage	ENSG00000115.85042	1.428439	1.348167	1.059542
ENSG00000156120	PCDHGB8P	protocadherin	ENSG00000111.09717	-1.91267	1.805329	-1.05946

ENSG00000180139	ZNF703	zinc finger	ENSG0000011.09717	-1.91267	1.805329	-1.05946
ENSG0000018366	HIST1H4B	histone clu	ENSG0000010.45452	1.714029	1.618152	1.059251
ENSG000001257218	SHPRH	SNF2 histo	ENSG00000171.62413	-0.84664	0.799507	-1.05895
ENSG0000011675	CFD	compleme	ENSG00000139.78572	-1.03691	0.979875	-1.05821
ENSG0000019670	IPO13	importin 1	ENSG00000166.96453	-0.87958	0.831238	-1.05815
ENSG00000123509	POFUT1	protein O-f	ENSG00000182.75112	-0.8254	0.780054	-1.05813
ENSG00000165991	FUNDC2	FUN14 dor	ENSG000001171.6139	0.647791	0.612242	1.058065
ENSG00000155627	SMPD4	sphingomy	ENSG00000128.98686	-1.19637	1.13084	-1.05795
ENSG000001132884	EVC2	EvC ciliary	ENSG0000017.549865	-2.41047	2.279086	-1.05765
ENSG00000183988	NCALD	neurocalci	ENSG00000120.80885	-1.42999	1.352436	-1.05735
ENSG00000181887	LAS1L	LAS1 like, r	ENSG00000123.20842	-1.30904	1.238121	-1.05728
ENSG00000164747	MFSD1	major facili	ENSG00000164.37638	0.849394	0.803529	1.05708
ENSG0000019522	SCAMP1	secretory c	ENSG00000163.00763	0.854251	0.808291	1.056861
ENSG0000015613	PRKX	protein kin	ENSG00000121.51534	1.251761	1.184677	1.056626
ENSG000001121053	C12orf45	chromosor	ENSG00000140.33382	-1.05845	1.001968	-1.05637
ENSG0000017263	TST	thiosulfate	ENSG00000120.05857	1.291132	1.222625	1.056033
ENSG00000191526	ANKRD44	ankyrin re	ENSG0000019.18254	1.813684	1.717528	1.055985
ENSG00000192241	RCSD1	RCSD dom	ENSG00000162.77758	0.864997	0.819285	1.055795
ENSG000001651746	ANKRD33B	ankyrin re	ENSG00000119.75058	1.335874	1.265445	1.055656
ENSG00000125914	RTTN	rotatin	ENSG00000117.36839	-1.50511	1.425828	-1.05561
ENSG000001253868	MIR1-1HG	MIR1-1HG	ENSG00000114.49866	-1.68241	1.59395	-1.0555
ENSG00000151768	TM7SF3	transmeml	ENSG00000130.23962	1.091569	1.034334	1.055335
ENSG0000016773	STAT2	signal tran	ENSG00000190.81341	0.755223	0.716115	1.05461
ENSG00000154894	RNF43	ring finger	ENSG0000017.52724	-2.4028	2.278968	-1.05434
ENSG00000184034	EMILIN2	elastin mic	ENSG00000143.44211	1.042443	0.98931	1.053707
ENSG00000123041	MON2	MON2 hon	ENSG00000177.15618	-0.83676	0.79427	-1.05349
ENSG0000013281	HSBP1	heat shock	ENSG00000163.15345	0.847642	0.804645	1.053436
ENSG00000123331	TTC28	tetratricop	ENSG00000163.36818	-0.8659	0.822302	-1.05302
ENSG000001254042	METAP1D	methionyl	ENSG00000111.44414	-1.95828	1.85989	-1.0529
ENSG000001125988	C19orf70	chromosor	ENSG00000120.12016	1.282407	1.21893	1.052076
ENSG0000019358	ITGBL1	integrin su	ENSG0000017.656713	-2.43708	2.316678	-1.05197
ENSG00000181611	ANP32E	acidic nucl	ENSG00000146.39358	0.946596	0.899861	1.051936
ENSG00000151816	ADA2	adenosine	ENSG00000154.36613	0.947456	0.900901	1.051676
ENSG0000015364	PLXNB1	plexin B1	ENSG00000155.57231	-0.90705	0.862565	-1.05158
ENSG00000179796	ALG9	ALG9, alph	ENSG00000111.19774	-1.92445	1.830237	-1.05147
ENSG000001374354	NHLRC2	NHL repea	ENSG000001250.4649	-0.61301	0.583114	-1.05126
ENSG0000015836	PYGL	glycogen p	ENSG00000135.49075	1.169844	1.112965	1.051106
ENSG00000164864	RFX7	regulatory	ENSG00000128.84104	-1.18721	1.129626	-1.05098
ENSG0000019557	CHD1L	chromodor	ENSG00000114.2133	-1.65287	1.57297	-1.05079
ENSG00000127286	SRPX2	sushi repe	ENSG00000126.56087	-1.27924	1.217874	-1.05038
ENSG00000151522	TMEM14C	transmeml	ENSG00000146.6915	0.924282	0.879971	1.050355
ENSG00000183931	STK40	serine/thre	ENSG00000172.60684	0.800578	0.76221	1.050338
ENSG00000164788	LMF1	lipase mat	ENSG00000110.51612	1.694873	1.614196	1.04998
ENSG000001107	ADCY1	adenylate	ENSG00000131.49707	-1.13343	1.079672	-1.04979
ENSG0000011072	CFL1	cofilin 1	ENSG000001136.2978	0.697547	0.664654	1.049489
ENSG00000154901	CDKAL1	CDK5 regul	ENSG00000128.74387	1.112247	1.060127	1.049164
ENSG0000019467	SH3BP5	SH3 domai	ENSG0000013.004435	-3.65301	3.481991	-1.04912

ENSG0000I	ENSG00000241002		ENSG0000I	3.004435	-3.65301	3.481991	-1.04912	
ENSG0000I	ENSG0000I 26229	B3GAT3	beta-1,3-gl	ENSG0000I	3.004435	-3.65301	3.481991	-1.04912
ENSG0000I	ENSG0000I 10050602C	ARAP1-AS2	ARAP1 anti	ENSG0000I	3.004435	-3.65301	3.481991	-1.04912
ENSG0000I	ENSG0000I 57228	SMAGP	small cell a	ENSG0000I	3.004435	-3.65301	3.481991	-1.04912
ENSG0000I	ENSG00000232098			ENSG0000I	3.004435	-3.65301	3.481991	-1.04912
ENSG0000I	ENSG0000I 102723508	KANTR	KDM5C adj	ENSG0000I	3.004435	-3.65301	3.481991	-1.04912
ENSG0000I	ENSG00000228492			ENSG0000I	3.004435	-3.65301	3.481991	-1.04912
ENSG0000I	ENSG0000I 23277	CLUH	clustered n	ENSG0000I	97.5685	-0.77115	0.735112	-1.04902
ENSG0000I	ENSG0000I 115701	ALPK2	alpha kinas	ENSG0000I	498.8198	0.54624	0.520742	1.048964
ENSG0000I	ENSG0000I 51382	ATP6V1D	ATPase H+	ENSG0000I	72.12412	0.82029	0.782068	1.048873
ENSG0000I	ENSG0000I 6597	SMARCA4	SWI/SNF re	ENSG0000I	52.98416	-0.9261	0.883121	-1.04866
ENSG0000I	ENSG0000I 55227	LRRC1	leucine ricl	ENSG0000I	7.488267	-2.3984	2.288037	-1.04823
ENSG0000I	ENSG0000I 613	BCR	BCR, RhoG	ENSG0000I	42.35753	-1.00437	0.958324	-1.04805
ENSG0000I	ENSG0000I 11057	ABHD2	abhydrolas	ENSG0000I	248.5885	0.601249	0.573703	1.048015
ENSG0000I	ENSG0000I 80778	ZNF34	zinc finger	ENSG0000I	7.465642	-2.39067	2.282784	-1.04726
ENSG0000I	ENSG0000I 100506686	IQCH-AS1	IQCH antis	ENSG0000I	7.465642	-2.39067	2.282784	-1.04726
ENSG0000I	ENSG0000I 27037	TRMT2A	tRNA meth	ENSG0000I	7.465642	-2.39067	2.282784	-1.04726
ENSG0000I	ENSG0000I 7701	ZNF142	zinc finger	ENSG0000I	31.62655	-1.14253	1.091708	-1.04655
ENSG0000I	ENSG0000I 94239	H2AFV	H2A histon	ENSG0000I	214.5275	-0.62098	0.593364	-1.04653
ENSG0000I	ENSG00000246465			ENSG0000I	3.105006	-3.69168	3.528506	-1.04624
ENSG0000I	ENSG00000279432			ENSG0000I	3.105006	-3.69168	3.528506	-1.04624
ENSG0000I	ENSG0000I 51646	YPEL5	yippee like	ENSG0000I	64.6454	0.838095	0.801127	1.046145
ENSG0000I	ENSG0000I 55727	BTBD7	BTB domai	ENSG0000I	58.00458	-0.88668	0.84846	-1.04504
ENSG0000I	ENSG0000I 11103	KRR1	KRR1, smal	ENSG0000I	40.79654	0.963914	0.922569	1.044815
ENSG0000I	ENSG00000279529			ENSG0000I	3.282739	2.916283	2.79153	1.04469
ENSG0000I	ENSG0000I 10927	SPIN1	spindlin 1	ENSG0000I	82.02125	0.765072	0.732516	1.044444
ENSG0000I	ENSG0000I 204962	SLC44A5	solute carr	ENSG0000I	5.14284	2.61514	2.505869	1.043606
ENSG0000I	ENSG0000I 145864	HAPLN3	hyaluronar	ENSG0000I	5.14284	2.61514	2.505869	1.043606
ENSG0000I	ENSG0000I 309	ANXA6	annexin A6	ENSG0000I	255.0604	0.596832	0.571919	1.043559
ENSG0000I	ENSG0000I 112597	CYTOR	cytoskeletc	ENSG0000I	7.87159	1.947675	1.866829	1.043306
ENSG0000I	ENSG0000I 5447	POR	cytochrom	ENSG0000I	39.59465	-1.02695	0.984479	-1.04314
ENSG0000I	ENSG0000I 23223	RRP12	ribosomal	ENSG0000I	30.22889	-1.26266	1.210513	-1.04308
ENSG0000I	ENSG0000I 11120	BTN2A1	butyrophili	ENSG0000I	39.31714	0.976452	0.936238	1.042953
ENSG0000I	ENSG0000I 11162	NUDT6	nudix hydr	ENSG0000I	3.043408	-3.66406	3.513189	-1.04295
ENSG0000I	ENSG0000I 55806	HR	HR, lysine c	ENSG0000I	3.043408	-3.66406	3.513189	-1.04295
ENSG0000I	ENSG00000280202			ENSG0000I	3.043408	-3.66406	3.513189	-1.04295
ENSG0000I	ENSG0000I 29944	PNMA3	PNMA fam	ENSG0000I	3.043408	-3.66406	3.513189	-1.04295
ENSG0000I	ENSG0000I 10362	HMG20B	high mobil	ENSG0000I	17.32982	1.358615	1.30273	1.042898
ENSG0000I	ENSG0000I 64708	COPS7B	COP9 signa	ENSG0000I	17.1836	-1.48809	1.426896	-1.04289
ENSG0000I	ENSG0000I 1856	DVL2	dishevellec	ENSG0000I	17.1836	-1.48809	1.426896	-1.04289
ENSG0000I	ENSG0000I 5825	ABCD3	ATP bindin	ENSG0000I	84.3842	0.78272	0.750739	1.042599
ENSG0000I	ENSG0000I 9266	CYTH2	cytohesin 2	ENSG0000I	17.22885	-1.49521	1.434394	-1.0424
ENSG0000I	ENSG0000I 81493	SYNC	syncoilin, ii	ENSG0000I	20.07491	1.296943	1.244264	1.042338
ENSG0000I	ENSG0000I 10289	EIF1B	eukaryotic	ENSG0000I	94.80562	-0.7732	0.741915	-1.04216
ENSG0000I	ENSG0000I 5884	RAD17	RAD17 che	ENSG0000I	34.67153	1.038161	0.996654	1.041647
ENSG0000I	ENSG0000I 7913	DEK	DEK proto-	ENSG0000I	105.5458	0.740347	0.711044	1.041212
ENSG0000I	ENSG0000I 100862662	ALDH1L1-A	ALDH1L1 a	ENSG0000I	7.510892	-2.40587	2.312115	-1.04055

ENSG0000054826	GIN1	gypsy retrc	ENSG0000024.28934	1.196883	1.150364	1.040439
ENSG0000023399	CTDNBP1	CTD nuclea	ENSG0000017.22257	-1.49023	1.4331	-1.03987
ENSG00000390	RND3	Rho family	ENSG0000050.57531	0.927424	0.891928	1.039797
ENSG000008848	TSC22D1	TSC22 dom	ENSG00000244.1623	0.648212	0.623535	1.039576
ENSG0000056114	PCDHGA1	protocadhe	ENSG000007.404044	-2.37845	2.288135	-1.03947
ENSG00000100289097	FRG1CP	FSHD regio	ENSG000007.404044	-2.37845	2.288135	-1.03947
ENSG0000055534	MAML3	mastermin	ENSG0000017.39141	1.348311	1.297193	1.039406
ENSG0000055831	EMC3	ER membr	ENSG0000078.38867	0.795441	0.765497	1.039117
ENSG000007314	UBB	ubiquitin B	ENSG0000086.66686	0.752024	0.723929	1.03881
ENSG00000444	ASPH	aspartate k	ENSG00000121.7565	0.698696	0.672633	1.038747
ENSG000000233894			ENSG000003.02706	-3.66945	3.532773	-1.03869
ENSG00000127002	ATXN7L2	ataxin 7 lik	ENSG000003.02706	-3.66945	3.532773	-1.03869
ENSG00000100130357	LOC100130357	uncharacte	ENSG000003.02706	-3.66945	3.532773	-1.03869
ENSG00000105378085	LOC105378085	uncharacte	ENSG000003.02706	-3.66945	3.532773	-1.03869
ENSG00000157869	SBSPON	somatome	ENSG000003.02706	-3.66945	3.532773	-1.03869
ENSG0000054082	TSPEAR-AS	TSPEAR an	ENSG000003.02706	-3.66945	3.532773	-1.03869
ENSG0000023287	AGTPBP1	ATP/GTP b	ENSG00000121.0398	0.749921	0.722048	1.038603
ENSG000000232611			ENSG000007.443017	-2.38292	2.295376	-1.03814
ENSG000003460	IFNGR2	interferon	ENSG0000030.19437	1.099865	1.059661	1.037941
ENSG000002121	EVC	EvC ciliary	ENSG0000025.78651	-1.22465	1.181304	-1.03669
ENSG000004040	LRP6	LDL recept	ENSG0000073.2368	-0.81089	0.782295	-1.03656
ENSG0000029978	UBQLN2	ubiquilin 2	ENSG0000047.32892	-0.9475	0.914328	-1.03628
ENSG0000051147	ING4	inhibitor of	ENSG0000021.70013	1.227737	1.185023	1.036045
ENSG000009754	STARD8	StAR relate	ENSG0000039.50036	-1.0253	0.989806	-1.03586
ENSG000001429	CRYZ	crystallin z	ENSG0000034.90157	1.017123	0.982061	1.035703
ENSG00000287	ANK2	ankyrin 2	ENSG00000532.6574	-0.59334	0.572902	-1.03568
ENSG000004241	MELTF	melanotra	ENSG000002.98181	-3.63606	3.512327	-1.03523
ENSG000000234841			ENSG000002.98181	-3.63606	3.512327	-1.03523
ENSG000000248794			ENSG000002.98181	-3.63606	3.512327	-1.03523
ENSG00000441272	SPDYE3	speedy/RIP	ENSG000002.98181	-3.63606	3.512327	-1.03523
ENSG00000116441	TM4SF18	transmeml	ENSG0000025.74126	-1.21981	1.178625	-1.03494
ENSG000002911	GRM1	glutamate	ENSG0000015.30611	1.565087	1.513033	1.034404
ENSG000008854	ALDH1A2	aldehyde d	ENSG0000017.45301	1.338087	1.293608	1.034383
ENSG000002331	FMOD	fibromodu	ENSG0000032.19348	-1.17597	1.136991	-1.03428
ENSG000004649	MYO9A	myosin IXA	ENSG00000138.995	-0.67524	0.653038	-1.03399
ENSG0000054557	SGTB	small gluta	ENSG0000018.82556	1.306791	1.26387	1.03396
ENSG000008408	ULK1	unc-51 like	ENSG0000031.3349	-1.1256	1.088686	-1.0339
ENSG000004478	MSN	moesin	ENSG00000366.2199	0.557919	0.539718	1.033725
ENSG000004297	KMT2A	lysine metl	ENSG00000218.546	-0.60995	0.590091	-1.03366
ENSG00000257194	NEGR1	neuronal g	ENSG0000060.46575	-0.87035	0.842047	-1.03361
ENSG00000340485	ACER2	alkaline ce	ENSG0000014.13535	-1.64776	1.594319	-1.03352
ENSG0000026999	CYFIP2	cytoplasm	ENSG0000053.38579	0.928945	0.898889	1.033437
ENSG000002697	GJA1	gap junctio	ENSG00000229.1225	0.599906	0.580716	1.033045
ENSG000000277737			ENSG0000028.65624	-1.17655	1.139047	-1.03292
ENSG0000055726	INTS13	integrator	ENSG0000031.50532	1.096037	1.061299	1.032731
ENSG000002774	GNAL	G protein s	ENSG000007.381419	-2.3706	2.295529	-1.0327
ENSG000000267702			ENSG000007.381419	-2.3706	2.295529	-1.0327

ENSG0000019315	NREP	neuronal r	ENSG0000014.53947	1.464564	1.418417	1.032535
ENSG00000285126	DNAJC5G	DnaJ heat s	ENSG000002.942837	-3.62493	3.51217	-1.0321
ENSG00000100996732	LOC100996	uncharacte	ENSG000002.942837	-3.62493	3.51217	-1.0321
ENSG0000015024	P2RX3	purinergic	ENSG000002.942837	-3.62493	3.51217	-1.0321
ENSG00000275850			ENSG000002.942837	-3.62493	3.51217	-1.0321
ENSG00000256056			ENSG000002.942837	-3.62493	3.51217	-1.0321
ENSG00000156899	ANKS1B	ankyrin re	ENSG000002.942837	-3.62493	3.51217	-1.0321
ENSG000001126133	ALDH16A1	aldehyde d	ENSG000002.942837	-3.62493	3.51217	-1.0321
ENSG0000012139	EYA2	EYA transcr	ENSG000002.942837	-3.62493	3.51217	-1.0321
ENSG00000204113			ENSG000002.942837	-3.62493	3.51217	-1.0321
ENSG0000018813	DPM1	dolichyl-ph	ENSG0000029.05186	1.083525	1.049826	1.0321
ENSG00000110746	MAP3K2	mitogen-act	ENSG00000103.5562	0.719088	0.696739	1.032076
ENSG0000016726	SRP9	signal reco	ENSG00000186.75108	0.74917	0.725972	1.031955
ENSG000001116835	HSPA12B	heat shock	ENSG0000017.38474	-1.50393	1.457533	-1.03183
ENSG000001285343	TCAIM	T cell activ	ENSG00000151.11713	0.905509	0.877737	1.03164
ENSG000001157313	CDCA2	cell divisio	ENSG00000120.62026	-1.42402	1.380527	-1.0315
ENSG0000012218	FKTN	fukutin	ENSG00000122.85518	-1.28187	1.243294	-1.03102
ENSG000001152007	GLIPR2	GLI pathog	ENSG00000113.30646	1.504913	1.460014	1.030753
ENSG0000018728	ADAM19	ADAM met	ENSG00000122.95576	1.212813	1.176872	1.030539
ENSG00000154463	RETREG1	reticuloph	ENSG000001249.5952	0.606851	0.588902	1.030479
ENSG0000016335	SCN9A	sodium vol	ENSG0000018.812953	1.959365	1.901435	1.030466
ENSG00000154	ACP5	acid phosp	ENSG0000018.812953	1.959365	1.901435	1.030466
ENSG0000019066	SYT7	synaptotag	ENSG00000117.69273	-1.53239	1.487188	-1.03039
ENSG00000181606	LBH	limb bud a	ENSG000001151.9594	0.653306	0.634105	1.03028
ENSG000001140803	TRPM6	transient r	ENSG0000014.408896	2.482551	2.410035	1.030089
ENSG0000018038	ADAM12	ADAM met	ENSG0000014.408896	2.482551	2.410035	1.030089
ENSG000001317781	DDX51	DEAD-box	ENSG00000114.00588	-1.62804	1.580611	-1.03
ENSG00000179829	NAA40	N(alpha)-a	ENSG00000125.71864	-1.21739	1.182456	-1.02954
ENSG00000185437	ZCRB1	zinc finger	ENSG00000135.00842	1.005542	0.977368	1.028826
ENSG0000016124	RPL4	ribosomal	ENSG000001568.3428	0.551437	0.53614	1.028532
ENSG00000184247	RTL6	retrotrans	ENSG00000155.13485	-0.89214	0.867423	-1.02849
ENSG000001151556	GPR155	G protein-c	ENSG00000150.14308	0.881635	0.857584	1.028044
ENSG00000129094	LGALS1	galectin lik	ENSG00000123.24112	1.181726	1.149803	1.027764
ENSG00000165110	UPF3A	UPF3A, reg	ENSG00000125.64069	-1.21435	1.181584	-1.02773
ENSG00000156061	UBFD1	ubiquitin f	ENSG00000160.36898	-0.86505	0.842009	-1.02737
ENSG0000018406	SRPX	sushi repe	ENSG00000171.16169	-0.91481	0.890567	-1.02722
ENSG00000157000	GSN-AS1	GSN antise	ENSG0000017.365071	-2.37388	2.311691	-1.0269
ENSG000001137492	VPS37A	VPS37A, E	ENSG00000165.23248	0.817914	0.796529	1.026847
ENSG00000155240	STEAP3	STEAP3 me	ENSG00000116.9988	-1.47088	1.432597	-1.02672
ENSG000001154743	BMT2	base meth	ENSG00000129.11346	1.077844	1.049903	1.026613
ENSG000001201134	CEP112	centrosom	ENSG00000128.51042	-1.16727	1.137264	-1.02638
ENSG000001221443	OARD1	O-acyl-ADF	ENSG00000118.74761	1.30981	1.276415	1.026163
ENSG0000017840	ALMS1	ALMS1, cer	ENSG00000168.15856	-0.83103	0.810049	-1.0259
ENSG0000014303	FOXO4	forkhead b	ENSG00000136.52378	-1.039	1.012949	-1.02572
ENSG00000151155	JPT1	Jupiter mic	ENSG00000111.87232	1.589267	1.549532	1.025643
ENSG00000235090			ENSG000002.920212	-3.6076	3.521141	-1.02456
ENSG00000280828			ENSG000002.920212	-3.6076	3.521141	-1.02456

ENSG0000019023	CH25H	cholesterol	ENSG000002920212	-3.6076	3.521141	-1.02456
ENSG00000399671	HEATR4	HEAT repeat	ENSG000002920212	-3.6076	3.521141	-1.02456
ENSG00000239415			ENSG000002920212	-3.6076	3.521141	-1.02456
ENSG0000023017	FAIM2	Fas apopto	ENSG000001092873	-1.88483	1.840251	-1.02423
ENSG00000279762	C1orf115	chromosom	ENSG000003656275	-1.04014	1.015574	-1.02419
ENSG000002729830	FAM160A1	family with	ENSG00000364848	-1.03787	1.013818	-1.02372
ENSG0000029929	JOSD1	Josephin d	ENSG00000418811	-0.98395	0.961448	-1.02341
ENSG0000021294	COL7A1	collagen ty	ENSG000001398953	-1.62981	1.592955	-1.02314
ENSG00000279772	MCTP1	multiple C	ENSG000003030749	1.079107	1.054786	1.023058
ENSG00000210102	TSFM	Ts translati	ENSG000002184595	1.205471	1.178304	1.023056
ENSG0000022242	FES	FES proto-c	ENSG000002184595	1.205471	1.178304	1.023056
ENSG000002104	ADARB1	adenosine	ENSG000003129593	-1.12424	1.09962	-1.02239
ENSG000002728294	D2HGDH	D-2-hydrox	ENSG000007280848	-2.35368	2.303779	-1.02166
ENSG0000027004	TEAD4	TEA domai	ENSG000007280848	-2.35368	2.303779	-1.02166
ENSG0000029697	TRAM2	translocati	ENSG000003376089	-1.0688	1.046376	-1.02143
ENSG0000029641	IKBKE	inhibitor of	ENSG000005596651	2.207701	2.161599	1.021328
ENSG0000023781	KCNN2	potassium	ENSG000005596651	2.207701	2.161599	1.021328
ENSG0000023360	HTR4	5-hydroxyt	ENSG000005596651	2.207701	2.161599	1.021328
ENSG0000025824	PEX19	peroxisom	ENSG000005626808	0.845193	0.8277	1.021134
ENSG000002894	CCND2	cyclin D2	ENSG000006978973	-0.56691	0.555601	-1.02036
ENSG000002266727	MDGA1	MAM dom	ENSG000002167122	-1.49721	1.467421	-1.0203
ENSG0000024059	BCAM	basal cell a	ENSG000004982906	-0.9251	0.906977	-1.01998
ENSG000002166929	SGMS2	sphingomy	ENSG000003365222	1.012449	0.992622	1.019974
ENSG000002100033427	SNORD116	small nucle	ENSG00000797216	1.921059	1.884216	1.019554
ENSG0000028518	ELP1	elongator c	ENSG000005231037	-0.90055	0.883322	-1.01951
ENSG00000223353	SUN1	Sad1 and L	ENSG000001559694	-0.64969	0.6376	-1.01896
ENSG0000025966	REL	REL proto-c	ENSG000002449676	1.17047	1.148882	1.01879
ENSG0000026363	CCL19	C-C motif c	ENSG000001597125	-6.0625	5.950763	-1.01878
ENSG0000022166	FAAH	fatty acid a	ENSG000006784406	2.037532	2.00007	1.01873
ENSG0000027265	TTC1	tetratricop	ENSG000006689667	0.806827	0.792153	1.018524
ENSG0000023516	RBPJ	recombina	ENSG000001181254	0.6832	0.670792	1.018497
ENSG0000026452	SH3BP2	SH3 domai	ENSG000005296233	0.872674	0.857138	1.018126
ENSG00000229896	TRA2A	transforme	ENSG000002825775	-1.14992	1.129537	-1.01804
ENSG00000281847	RNF146	ring finger	ENSG000005797124	0.830838	0.816162	1.017982
ENSG00000284626	KRBA1	KRAB-A do	ENSG00000356465	-1.17046	1.149833	-1.01794
ENSG000002283174	MIR4697H	MIR4697 h	ENSG000004572253	-1.01327	0.995461	-1.01789
ENSG00000225874	MPC2	mitochond	ENSG000007901093	0.774016	0.760424	1.017873
ENSG0000027088	TLE1	transducin	ENSG000001392165	-1.61674	1.588567	-1.01774
ENSG000002100128398	LOC100128	uncharacte	ENSG000007358794	-2.36288	2.322718	-1.01729
ENSG0000028773	SNAP23	synaptosor	ENSG000004700577	0.903686	0.88895	1.016577
ENSG00000226118	WSB1	WD repeat	ENSG000001315222	-0.68697	0.675818	-1.0165
ENSG0000024201	MEA1	male-enha	ENSG000001753723	1.319265	1.298139	1.016274
ENSG00000284056	KATNAL1	katanin cat	ENSG000007601316	0.780227	0.768381	1.015417
ENSG00000257633	LRRN1	leucine ric	ENSG000003344337	2.821378	2.77895	1.015268
ENSG0000020261353			ENSG000003344337	2.821378	2.77895	1.015268
ENSG0000020261270			ENSG000003344337	2.821378	2.77895	1.015268
ENSG000002168507	PKD1L1	polycystin	ENSG000001083443	-1.88039	1.852111	-1.01527

ENSG0000012734	GLG1	golgi glyco	ENSG0000012734	264.3871	-0.57972	0.571015	-1.01525
ENSG0000012101	ESRRA	estrogen r	ENSG0000012101	39.05662	-1.00249	0.987468	-1.01521
ENSG00000153905	DUOX1	dual oxida	ENSG00000153905	7.303473	-2.36143	2.32651	-1.01501
ENSG00000110659	CELF2	CUGBP Ela	ENSG00000110659	167.1709	0.625112	0.615963	1.014853
ENSG00000157521	RPTOR	regulatory	ENSG00000157521	36.41693	-1.03272	1.018536	-1.01392
ENSG0000014835	NQO2	N-ribosyl	ENSG0000014835	36.31636	-1.0287	1.014825	-1.01367
ENSG00000155341	LSG1	large 60S s	ENSG00000155341	36.38423	-1.03386	1.020126	-1.01346
ENSG00000123461	ABCA5	ATP bindin	ENSG00000123461	46.93043	-0.93098	0.918956	-1.01308
ENSG00000157488	ESYT2	extended s	ENSG00000157488	204.9554	-0.60586	0.598143	-1.0129
ENSG000001387758	FIBIN	fin bud init	ENSG000001387758	28.47145	-1.16577	1.150955	-1.01287
ENSG000001101060691	NUTM2B-A	NUTM2B a	ENSG000001101060691	25.54012	-1.20883	1.193508	-1.01284
ENSG0000019481	SLC25A27	solute carr	ENSG0000019481	19.76169	-1.34637	1.32951	-1.01268
ENSG00000100272512			ENSG00000100272512	2.881239	-3.59623	3.551424	-1.01262
ENSG000001375057	STUM	stum, mecl	ENSG000001375057	2.881239	-3.59623	3.551424	-1.01262
ENSG000001100996643	LOC100996643	monofunct	ENSG000001100996643	2.881239	-3.59623	3.551424	-1.01262
ENSG000001105376384	LOC105376384	uncharacte	ENSG000001105376384	2.881239	-3.59623	3.551424	-1.01262
ENSG00000154997	TESC	tescalcin	ENSG00000154997	23.36432	1.167127	1.153601	1.011725
ENSG000001353322	ANKRD37	ankyrin re	ENSG000001353322	2.858614	-3.57862	3.53746	-1.01164
ENSG000001399694	SHC4	SHC adapt	ENSG000001399694	2.858614	-3.57862	3.53746	-1.01164
ENSG00000100267529			ENSG00000100267529	2.858614	-3.57862	3.53746	-1.01164
ENSG000001163115	ZNF781	zinc finger	ENSG000001163115	2.858614	-3.57862	3.53746	-1.01164
ENSG000001100132273	NDUFA6-D	NDUFA6 di	ENSG000001100132273	2.858614	-3.57862	3.53746	-1.01164
ENSG00000100261101			ENSG00000100261101	2.858614	-3.57862	3.53746	-1.01164
ENSG00000155577	NAGK	N-acetylgl	ENSG00000155577	29.15871	1.06913	1.056871	1.011599
ENSG00000110224	ZNF443	zinc finger	ENSG00000110224	7.21925	-2.34111	2.31435	-1.01156
ENSG000001118	ADD1	adducin 1	ENSG000001118	313.3241	-0.56224	0.556209	-1.01084
ENSG0000018692	HYAL2	hyaluronid	ENSG0000018692	22.58617	-1.26142	1.248051	-1.01071
ENSG000001113146	AHNAK2	AHNAK nu	ENSG000001113146	14.08382	-1.63339	1.616321	-1.01056
ENSG0000017844	RNF103	ring finger	ENSG0000017844	38.91707	-0.99764	0.987655	-1.01011
ENSG0000012073	ERCC5	ERCC excis	ENSG0000012073	16.24263	1.350832	1.337603	1.00989
ENSG00000163933	MCUR1	mitochond	ENSG00000163933	30.60921	1.058808	1.048499	1.009832
ENSG0000012889	RAPGEF1	Rap guanir	ENSG0000012889	145.183	-0.65008	0.644037	-1.00938
ENSG0000014698	NDUFA5	NADH:ubic	ENSG0000014698	152.8029	0.641264	0.635321	1.009355
ENSG00000151185	CRBN	cereblon	ENSG00000151185	47.41433	0.882627	0.874486	1.009309
ENSG00000151454	GULP1	GULP PTB	ENSG00000151454	7.235598	-2.33769	2.316429	-1.00918
ENSG000001116254	GINM1	glycoprote	ENSG000001116254	36.75684	0.969562	0.960844	1.009073
ENSG00000127145	FILIP1	filamin A ir	ENSG00000127145	520.1745	-0.54778	0.543654	-1.00759
ENSG0000014725	NDUFS5	NADH:ubic	ENSG0000014725	169.9324	0.629049	0.624365	1.007501
ENSG0000012944	GSTM1	glutathion	ENSG0000012944	3.318702	-3.80334	3.775658	-1.00733
ENSG000001213	ALB	albumin	ENSG000001213	3.318702	-3.80334	3.775658	-1.00733
ENSG00000100247903			ENSG00000100247903	8.117981	1.839935	1.826747	1.007219
ENSG00000157604	TRMT9B	tRNA meth	ENSG00000157604	42.0621	-0.9956	0.988504	-1.00718
ENSG00000110512	SEMA3C	semaphori	ENSG00000110512	85.56712	0.745145	0.739906	1.00708
ENSG0000018668	EIF3I	eukaryotic	ENSG0000018668	58.17866	0.821025	0.815282	1.007045
ENSG0000011271	CNTFR	ciliary neur	ENSG0000011271	2.965462	-3.64122	3.615933	-1.00699
ENSG00000158485	TRAPPC1	trafficking	ENSG00000158485	24.82109	1.14011	1.132497	1.006722
ENSG0000015328	PLAU	plasminog	ENSG0000015328	13.75949	-1.6002	1.590105	-1.00635

ENSG00000183452	RAB33B	RAB33B, m	ENSG00000124.90532	1.128054	1.120954	1.006335
ENSG0000014846	NOS3	nitric oxide	ENSG00000110.62074	-1.84072	1.829178	-1.00631
ENSG000001146434	ZNF597	zinc finger	ENSG00000110.62074	-1.84072	1.829178	-1.00631
ENSG0000014512	COX1	cytochrom	ENSG00000180290.49	-1.28856	1.28057	-1.00624
ENSG00000155186	SLC25A36	solute carr	ENSG00000188.4728	-0.76078	0.756396	-1.0058
ENSG000001130589	GALM	galactose r	ENSG00000120.535	1.217115	1.210506	1.005459
ENSG00000123313	KIAA0930	KIAA0930	ENSG00000130.57651	1.053373	1.047831	1.005289
ENSG00000154583	EGLN1	egl-9 famil	ENSG000001161.8081	-0.65689	0.653687	-1.0049
ENSG00000179970	ZNF767P	zinc finger	ENSG00000114.1806	-1.65566	1.647819	-1.00476
ENSG0000013609	ILF3	interleukin	ENSG000001151.4567	-0.66234	0.659417	-1.00443
ENSG00000158478	ENOPH1	enolase-ph	ENSG00000116.26526	1.341278	1.335466	1.004352
ENSG000001284443	ZNF493	zinc finger	ENSG00000136.13156	-1.02007	1.016136	-1.00387
ENSG00000110475	TRIM38	tripartite r	ENSG00000139.34604	0.968891	0.965175	1.00385
ENSG0000012054	STX2	syntaxin 2	ENSG00000113.73686	-1.59574	1.589642	-1.00383
ENSG0000017220	TRPC1	transient r	ENSG00000128.07296	-1.13902	1.134702	-1.0038
ENSG00000138	ACAT1	acetyl-CoA	ENSG000001281.2351	0.56485	0.562731	1.003764
ENSG0000013188	HNRNP2	heterogen	ENSG00000176.05462	0.773677	0.77136	1.003004
ENSG0000010280323			ENSG00000115.42263	-1.78202	1.777756	-1.0024
ENSG0000019361	LONP1	lon peptid	ENSG00000154.63579	-0.8751	0.873228	-1.00215
ENSG0000014045	LSAMP	limbic syst	ENSG00000128.02771	-1.13454	1.132201	-1.00206
ENSG000001389072	PLEKHM3	pleckstrin l	ENSG00000154.39568	-0.86866	0.86688	-1.00206
ENSG00000154462	CCSER2	coiled-coil	ENSG000001215.2776	0.585141	0.584063	1.001845
ENSG00000110163	WASF2	WAS prote	ENSG000001133.2263	0.645525	0.644419	1.001717
ENSG00000123269	MGA	MGA, MAX	ENSG000001148.2112	-0.6552	0.654255	-1.00145
ENSG0000013710	ITPR3	inositol 1,4	ENSG00000141.68623	-0.97876	0.97753	-1.00126
ENSG000001378	ARF4	ADP ribosy	ENSG00000181.55632	0.734366	0.733531	1.001138
ENSG00000185378	TUBGCP6	tubulin gar	ENSG00000128.17981	-1.14704	1.145804	-1.00108
ENSG0000018736	MYOM1	myomesin	ENSG0000011872.34	-0.50461	0.504198	-1.00083
ENSG000001150709	ANKAR	ankyrin an	ENSG0000017.157652	-2.32841	2.327043	-1.00059
ENSG0000016660	SOX5	SRY-box 5	ENSG0000017.157652	-2.32841	2.327043	-1.00059
ENSG0000010269837			ENSG0000017.157652	-2.32841	2.327043	-1.00059
ENSG00000111328	FKBP9	FK506 bind	ENSG000001139.7968	-0.64967	0.64931	-1.00056
ENSG000001291	SLC25A4	solute carr	ENSG0000011388.258	0.516802	0.516577	1.000435
ENSG0000012787	GNG5	G protein s	ENSG00000152.16051	0.846245	0.845967	1.000329
ENSG00000110570	DPYSL4	dihydropyr	ENSG00000114.90906	1.389903	1.389918	0.999989
ENSG0000014718	NDUFC2	NADH:ubic	ENSG00000116.07419	1.392075	1.392291	0.999845
ENSG00000154749	EPDR1	ependymir	ENSG00000148.07412	0.927597	0.927875	0.999701
ENSG0000016926	TBX3	T-box 3	ENSG00000136.67967	-1.04377	1.044415	-0.99939
ENSG00000180221	ACSF2	acyl-CoA s	ENSG00000113.69789	-1.59316	1.594296	-0.99928
ENSG00000151313	FAM198B	family with	ENSG000001138.9775	0.70086	0.70163	0.998902
ENSG00000192999	ZBTB47	zinc finger	ENSG00000192.43599	-0.72693	0.727788	-0.99882
ENSG00000126108	PYGO1	pygopus fa	ENSG00000119.8786	-1.35219	1.354058	-0.99862
ENSG0000015310	PKD1	polycystin	ENSG00000162.12994	-0.83033	0.831671	-0.99838
ENSG00000156110	PCDHGA5	protocadh	ENSG00000119.74534	-1.34751	1.350041	-0.99813
ENSG0000019166	EBAG9	estrogen r	ENSG00000119.13983	1.246712	1.249208	0.998002
ENSG00000151517	NCKIPSD	NCK intera	ENSG00000130.93014	-1.09838	1.100958	-0.99766
ENSG00000110767	HBS1L	HBS1 like t	ENSG00000190.43649	0.72781	0.729995	0.997008

ENSG0000013655	ITGA6	integrin su	ENSG00000138.7298	-0.6708	0.672833	-0.99698
ENSG0000019462	RASAL2	RAS protei	ENSG000001161.9663	-0.62584	0.627835	-0.99682
ENSG0000018971	H1FX	H1 histone	ENSG0000012.797016	-3.54907	3.560808	-0.9967
ENSG00000248624			ENSG0000012.797016	-3.54907	3.560808	-0.9967
ENSG00000226448			ENSG0000012.797016	-3.54907	3.560808	-0.9967
ENSG00000278768			ENSG0000012.797016	-3.54907	3.560808	-0.9967
ENSG00000259293	TAS2R30	taste 2 rec	ENSG0000012.797016	-3.54907	3.560808	-0.9967
ENSG00000225193			ENSG0000012.797016	-3.54907	3.560808	-0.9967
ENSG00000151751	HIGD1B	HIG1 hypo	ENSG0000012.797016	-3.54907	3.560808	-0.9967
ENSG00000190485	ZNF835	zinc finger	ENSG0000012.797016	-3.54907	3.560808	-0.9967
ENSG00000155922	NKRF	NFKB repr	ENSG0000012.797016	-3.54907	3.560808	-0.9967
ENSG00000110186	LHFPL6	LHFPL tetr	ENSG000001105.1619	-0.75692	0.759574	-0.9965
ENSG00000126160	IFT172	intraflagell	ENSG00000149.18418	-0.90079	0.90433	-0.99609
ENSG0000012629	GBA	glucosylcer	ENSG00000114.93168	1.379204	1.384843	0.995928
ENSG00000154898	ELOVL2	ELOVL fatty	ENSG0000017.326098	-2.36866	2.378745	-0.99576
ENSG00000110363	HMG20A	high mobil	ENSG00000138.76497	-0.98849	0.992974	-0.99548
ENSG000001152137	CCDC50	coiled-coil	ENSG000001119.729	-0.67298	0.676071	-0.99543
ENSG0000015260	PHKG1	phosphory	ENSG00000122.40137	-1.24799	1.253854	-0.99532
ENSG0000015734	PTGER4	prostaglan	ENSG00000113.80474	-1.60887	1.616455	-0.99531
ENSG0000019517	SPTLC2	serine paln	ENSG00000188.44417	0.739723	0.743321	0.995159
ENSG0000017443	VRK1	VRK serine	ENSG00000112.18031	1.510008	1.517625	0.994981
ENSG000001197259	MLKL	mixed line	ENSG00000114.62369	1.441239	1.448703	0.994847
ENSG00000151780	KDM3B	lysine dem	ENSG000001166.9088	-0.6215	0.624735	-0.99483
ENSG000001222698	NKAPL	NFKB activ	ENSG0000018.140606	1.813287	1.822971	0.994687
ENSG00000129969	MDFIC	MyoD fami	ENSG00000156.80611	0.819511	0.823964	0.994595
ENSG000001122416	ANKRD9	ankyrin re	ENSG00000149.25585	-0.90098	0.906035	-0.99442
ENSG000001140890	SREK1	splicing re	ENSG00000159.68133	-0.8468	0.851947	-0.99396
ENSG00000151143	DYNC1L1	dynein cyt	ENSG00000169.27361	0.766092	0.770815	0.993873
ENSG00000110677	AVIL	advillin	ENSG00000110.59811	-1.83512	1.846949	-0.9936
ENSG0000014054	LTBP3	latent tran	ENSG00000146.98575	-0.93163	0.937979	-0.99324
ENSG00000179144	PPDPF	pancreatic	ENSG00000133.81439	1.001504	1.008509	0.993053
ENSG00000155233	MOB1A	MOB kinas	ENSG000001119.341	0.657522	0.662123	0.993051
ENSG00000259834			ENSG0000013.221141	3.020766	3.042133	0.992976
ENSG00000180610			ENSG0000013.221141	3.020766	3.042133	0.992976
ENSG00000250775			ENSG0000013.221141	3.020766	3.042133	0.992976
ENSG00000127306	HPGDS	hematopoi	ENSG0000013.221141	3.020766	3.042133	0.992976
ENSG00000213613			ENSG0000013.221141	3.020766	3.042133	0.992976
ENSG00000241170			ENSG0000013.221141	3.020766	3.042133	0.992976
ENSG000001341350	OVCH1	ovochyma	ENSG0000013.221141	3.020766	3.042133	0.992976
ENSG00000153346	TM6SF1	transmeml	ENSG0000016.930227	1.936812	1.950522	0.992971
ENSG00000111059	WWP1	WW doma	ENSG000001157.2803	-0.633	0.637563	-0.99284
ENSG00000157153	SLC44A2	solute carr	ENSG000001127.2697	0.646384	0.651264	0.992508
ENSG00000179058	ASPSCR1	ASPSCR1, l	ENSG00000113.61366	-1.58158	1.593875	-0.99228
ENSG000001285761	DCBLD1	discoidin, C	ENSG00000113.65264	-1.58418	1.596889	-0.99204
ENSG0000016921	ELOC	elongin C	ENSG00000135.52383	0.965638	0.973469	0.991957
ENSG00000157132	CHMP1B	charged m	ENSG00000136.81216	0.970345	0.978307	0.991861
ENSG00000126205	GMEB2	glucocortic	ENSG0000017.050804	-2.29924	2.319585	-0.99123

ENSG0000015162	PDHB	pyruvate d	ENSG00000194.31546	0.697641	0.703836	0.991198
ENSG0000019625	AATK	apoptosis a	ENSG0000015.658249	2.164316	2.184124	0.990931
ENSG00000127131	SNX5	sorting nex	ENSG00000154.91816	0.842392	0.850103	0.99093
ENSG00000154469	ZFAND6	zinc finger	ENSG00000160.02765	0.800889	0.808253	0.990889
ENSG0000018237	USP11	ubiquitin s	ENSG00000135.9694	-1.01312	1.022533	-0.99079
ENSG0000014125	MAN2B1	mannosida	ENSG00000125.07376	1.104137	1.11453	0.990675
ENSG00000164398	MPP5	membrane	ENSG00000136.06369	-1.01486	1.024474	-0.99061
ENSG00000154453	RIN2	Ras and Ra	ENSG00000177.32318	-0.77006	0.777406	-0.99055
ENSG00000181892	SLIRP	SRA stem-l	ENSG00000129.50567	1.039881	1.049843	0.990511
ENSG00000157730	ANKRD36B	ankyrin re	ENSG00000110.71124	-1.86267	1.88113	-0.99019
ENSG00000183479	DDX59	DEAD-box	ENSG00000119.26302	1.228768	1.241237	0.989954
ENSG0000019099	USP2	ubiquitin s	ENSG00000177.23543	-0.83386	0.842791	-0.9894
ENSG000001197335	WDR90	WD repeat	ENSG0000012.819641	-3.56684	3.605354	-0.98932
ENSG000001654434	SNHG20	small nucle	ENSG0000012.819641	-3.56684	3.605354	-0.98932
ENSG000001105372321	LOC105372	uncharacte	ENSG0000012.819641	-3.56684	3.605354	-0.98932
ENSG00000154084	TSPEAR	thrombosp	ENSG0000012.819641	-3.56684	3.605354	-0.98932
ENSG0000014678	NASP	nuclear au	ENSG00000156.98004	-0.85598	0.865324	-0.98921
ENSG00000126751	SH3YL1	SH3 and SY	ENSG00000116.60659	-1.43211	1.447911	-0.98909
ENSG0000010275764			ENSG0000017.212973	-2.32995	2.355984	-0.98895
ENSG00000126121	PRPF31	pre-mRNA	ENSG0000017.096054	-2.31558	2.341742	-0.98883
ENSG00000155609	ZNF280C	zinc finger	ENSG0000017.096054	-2.31558	2.341742	-0.98883
ENSG000001805	CALM2	calmodulin	ENSG000001279.4684	0.622841	0.629957	0.988704
ENSG000001746	TMEM258	transmeml	ENSG00000117.55986	1.311043	1.326168	0.988595
ENSG0000016648	SOD2	superoxide	ENSG0000011114.883	0.490286	0.495999	0.988483
ENSG0000015580	PRKCD	protein kin	ENSG00000113.59811	1.424771	1.441561	0.988353
ENSG000001221061	FAM171A1	family with	ENSG00000113.59104	-1.57705	1.596933	-0.98755
ENSG00000185476	GFM1	G elongatic	ENSG00000178.20569	-0.78783	0.797866	-0.98743
ENSG00000184859	LRCH3	leucine ric	ENSG00000162.42786	-0.84031	0.851363	-0.98702
ENSG00000157560	IFT80	intraflagell	ENSG00000112.01814	1.542774	1.563232	0.986913
ENSG00000155761	TTC17	tetratricop	ENSG00000184.55211	-0.73968	0.750069	-0.98615
ENSG000001727957	MROH1	maestro h	ENSG00000122.3624	-1.24624	1.26452	-0.98554
ENSG000001392	ARHGAP1	Rho GTPas	ENSG00000184.53956	-0.73801	0.748873	-0.9855
ENSG000001404201	WDFY3-AS	WDFY3 ant	ENSG0000018.179579	1.81376	1.841027	0.98519
ENSG0000015142	PDE4B	phosphodi	ENSG00000125.12528	-1.17988	1.197681	-0.98513
ENSG00000160625	DHX35	DEAH-box	ENSG00000125.29373	-1.19277	1.210923	-0.98501
ENSG0000019150	CTDP1	CTD phosp	ENSG0000017.011831	-2.29456	2.330822	-0.98444
ENSG0000014793	NFKBIB	NFKB inhib	ENSG0000017.011831	-2.29456	2.330822	-0.98444
ENSG0000019132	KCNQ4	potassium	ENSG0000012.835989	-3.56109	3.61888	-0.98403
ENSG00000111093	ADAMTS13	ADAM met	ENSG0000012.835989	-3.56109	3.61888	-0.98403
ENSG0000014982	TNFRSF11E	TNF recept	ENSG0000018.017411	1.866143	1.896582	0.983951
ENSG0000015980	REV3L	REV3 like, I	ENSG00000199.59953	-0.70494	0.716577	-0.98376
ENSG00000151129	ANGPTL4	angiopoiet	ENSG0000016.989206	-2.28622	2.32403	-0.98373
ENSG0000019990	SLC12A6	solute carr	ENSG000001111.6071	0.667383	0.678641	0.98341
ENSG0000018292	COLQ	collagen lik	ENSG0000018.033758	1.892608	1.924761	0.983295
ENSG00000110175	CNIH1	cornichon f	ENSG00000144.7698	0.877755	0.892787	0.983163
ENSG00000110171	RCL1	RNA termii	ENSG00000110.48119	-1.82512	1.856869	-0.9829
ENSG00000110162	LPCAT3	lysophosph	ENSG00000110.48119	-1.82512	1.856869	-0.9829

ENSG000001389	CREBL2	cAMP resp	ENSG0000015204359	0.84917	0.864183	0.982628
ENSG0000084503	ZNF527	zinc finger	ENSG000001352944	-1.56989	1.597692	-0.9826
ENSG0000057479	PRR12	proline ric	ENSG000001944742	-1.31645	1.339766	-0.9826
ENSG000004082	MARCKS	myristoyla	ENSG0000015855453	0.802476	0.816828	0.98243
ENSG0000083992	CTTNBP2	cortactin b	ENSG000001056542	-1.83956	1.873583	-0.98184
ENSG000003614	IMPDH1	inosine mo	ENSG0000012367859	1.121382	1.14221	0.981765
ENSG0000010169	SERF2	small EDRK	ENSG000001086319	0.667994	0.680437	0.981712
ENSG00000127495	LRRC39	leucine ric	ENSG0000018004802	0.738997	0.752775	0.981697
ENSG00000102723566	LOC102723566	uncharacte	ENSG0000011041332	-1.80792	1.841735	-0.98164
ENSG00000114599	SNORD15B	small nucle	ENSG000001122419	1.494547	1.522756	0.981475
ENSG00000347862	GATD1	glutamine	ENSG0000011649974	-1.41866	1.4455	-0.98143
ENSG00000162972	ZNF550	zinc finger	ENSG0000011649974	-1.41866	1.4455	-0.98143
ENSG0000010765	KDM5B	lysine dem	ENSG0000014883094	-0.88738	0.904454	-0.98112
ENSG0000064147	KIF9	kinesin far	ENSG0000012897587	-3.59096	3.660177	-0.98109
ENSG0000085439	STON2	stonin 2	ENSG0000012037283	1.235905	1.259845	0.980998
ENSG000003603	IL16	interleukin	ENSG0000011628788	1.332069	1.357936	0.980951
ENSG0000080149	ZC3H12A	zinc finger	ENSG0000018263802	1.76297	1.797978	0.980529
ENSG000009886	RHOBTB1	Rho relate	ENSG0000014001734	0.929009	0.948119	0.979844
ENSG000000237938			ENSG0000012735418	-3.51888	3.591741	-0.97972
ENSG00000100129480	MKRN2OS	MKRN2 op	ENSG0000012735418	-3.51888	3.591741	-0.97972
ENSG00000100507266	STX18-AS1	STX18 anti	ENSG0000012735418	-3.51888	3.591741	-0.97972
ENSG000000246596			ENSG0000012735418	-3.51888	3.591741	-0.97972
ENSG00000100507500	EGFR-AS1	EGFR antis	ENSG0000012735418	-3.51888	3.591741	-0.97972
ENSG00000441369	FLJ46284	uncharacte	ENSG0000012735418	-3.51888	3.591741	-0.97972
ENSG00000114299	PALM2	paralemmi	ENSG0000012735418	-3.51888	3.591741	-0.97972
ENSG00000144406	WDR66	WD repeat	ENSG0000012735418	-3.51888	3.591741	-0.97972
ENSG000000259367			ENSG0000012735418	-3.51888	3.591741	-0.97972
ENSG000000278983			ENSG0000012735418	-3.51888	3.591741	-0.97972
ENSG000000279407			ENSG0000012735418	-3.51888	3.591741	-0.97972
ENSG00000101927559	CEBPB-AS1	CEBPB anti	ENSG0000012735418	-3.51888	3.591741	-0.97972
ENSG000000248476			ENSG0000012735418	-3.51888	3.591741	-0.97972
ENSG00000128338	DRAM2	DNA dama	ENSG0000012819472	1.041035	1.063017	0.979321
ENSG0000027231	NMRK2	nicotinami	ENSG0000011085251	0.670998	0.685222	0.979242
ENSG0000055226	NAT10	N-acetyltra	ENSG0000013339758	-1.05265	1.07536	-0.97888
ENSG0000080213	TM2D3	TM2 doma	ENSG0000013053792	-1.0761	1.099379	-0.97883
ENSG0000080345	ZSCAN16	zinc finger	ENSG0000012774391	-3.5309	3.608509	-0.97849
ENSG000000124593			ENSG0000012774391	-3.5309	3.608509	-0.97849
ENSG000000231329			ENSG0000012774391	-3.5309	3.608509	-0.97849
ENSG000000173727			ENSG0000012774391	-3.5309	3.608509	-0.97849
ENSG000005959	RDH5	retinol deh	ENSG0000012774391	-3.5309	3.608509	-0.97849
ENSG000000256609			ENSG0000012774391	-3.5309	3.608509	-0.97849
ENSG00000643338	C15orf62	chromosor	ENSG0000012774391	-3.5309	3.608509	-0.97849
ENSG0000054662	TBC1D13	TBC1 doma	ENSG0000012767447	-1.11158	1.138034	-0.97675
ENSG00000660	BMX	BMX non-r	ENSG0000019597378	1.641081	1.680321	0.976647
ENSG000008632	DNAH17	dynein axo	ENSG0000015742472	2.07593	2.126345	0.97629
ENSG0000055049	REX1BD	required fc	ENSG0000015742472	2.07593	2.126345	0.97629
ENSG00000323	APBB2	amyloid be	ENSG0000017922121	-0.74552	0.764032	-0.97577

ENSG0000I	ENSG0000I	112752	IFT43	intraflagell	ENSG0000I	16.51165	1.298133	1.330663	0.975553
ENSG0000I	ENSG0000I	29119	CTNNA3	catenin alp	ENSG0000I	270.0825	0.553874	0.567754	0.975553
ENSG0000I	ENSG0000I	317662	FAM149B1	family with	ENSG0000I	22.16022	1.15592	1.185216	0.975282
ENSG0000I	ENSG0000I	51324	SPG21	SPG21, ma	ENSG0000I	40.13047	0.914906	0.938122	0.975253
ENSG0000I	ENSG0000I	55607	PPP1R9A	protein ph	ENSG0000I	85.27245	-0.75291	0.772038	-0.97523
ENSG0000I	ENSG0000I	1155	TBCB	tubulin fol	ENSG0000I	36.93535	0.961517	0.986144	0.975027
ENSG0000I	ENSG0000I	29088	MRPL15	mitochond	ENSG0000I	40.16316	0.918279	0.941798	0.975027
ENSG0000I	ENSG0000I	59345	GNB4	G protein s	ENSG0000I	44.85402	0.871808	0.894281	0.97487
ENSG0000I	ENSG0000I	25831	HECTD1	HECT dom	ENSG0000I	373.5436	-0.52835	0.542012	-0.97479
ENSG0000I	ENSG0000I	79613	TANGO6	transport a	ENSG0000I	16.47712	-1.41489	1.451867	-0.97453
ENSG0000I	ENSG0000I	55032	SLC35A5	solute carr	ENSG0000I	29.38876	1.043979	1.071484	0.974331
ENSG0000I	ENSG0000I	51194	IPO11	importin 1	ENSG0000I	38.47333	-0.97437	1.000104	-0.97426
ENSG0000I	ENSG0000I	56898	BDH2	3-hydroxy	ENSG0000I	10.31275	-1.79546	1.843327	-0.97403
ENSG0000I	ENSG0000I	22835	ZFP30	ZFP30 zinc	ENSG0000I	10.31275	-1.79546	1.843327	-0.97403
ENSG0000I	ENSG0000I	23301	EHBP1	EH domain	ENSG0000I	32.97647	-1.02769	1.055123	-0.974
ENSG0000I	ENSG0000I	2768	GNA12	G protein s	ENSG0000I	46.22395	-0.90279	0.9271	-0.97378
ENSG0000I	ENSG0000I	4904	YBX1	Y-box bind	ENSG0000I	482.825	0.509379	0.523137	0.973701
ENSG0000I	ENSG0000I	9827	RGP1	RGP1 hom	ENSG0000I	58.96229	-0.82188	0.844207	-0.97356
ENSG0000I	ENSG0000I	4791	NFKB2	nuclear fac	ENSG0000I	17.99105	1.242143	1.27776	0.972125
ENSG0000I	ENSG0000I	4214	MAP3K1	mitogen-ac	ENSG0000I	60.40351	0.783022	0.805657	0.971904
ENSG0000I	ENSG0000I	84928	TMEM209	transmem	ENSG0000I	17.37507	1.342333	1.382358	0.971046
ENSG0000I	ENSG0000I	58506	SCAF1	SR-related	ENSG0000I	19.26263	-1.30094	1.339931	-0.9709
ENSG0000I	ENSG0000I	10390	CEPT1	choline/et	ENSG0000I	25.28118	1.079293	1.111662	0.970883
ENSG0000I	ENSG00000I	196810			ENSG0000I	16.41552	-1.40887	1.451259	-0.97079
ENSG0000I	ENSG0000I	147923	ZNF420	zinc finger	ENSG0000I	10.29012	-1.78956	1.843463	-0.97076
ENSG0000I	ENSG0000I	10905	MAN1A2	mannosida	ENSG0000I	104.3069	0.665066	0.685117	0.970734
ENSG0000I	ENSG0000I	1942	EFNA1	ephrin A1	ENSG0000I	22.15498	-1.22985	1.267154	-0.97056
ENSG0000I	ENSG0000I	80198	MUS81	MUS81 stri	ENSG0000I	16.73606	-1.44865	1.492885	-0.97037
ENSG0000I	ENSG0000I	153	ADRB1	adrenocep	ENSG0000I	30.29153	-1.06246	1.095395	-0.96993
ENSG0000I	ENSG0000I	54587	MXRA8	matrix rem	ENSG0000I	16.82408	-1.44724	1.4925	-0.96967
ENSG0000I	ENSG0000I	54187	NANS	N-acetylne	ENSG0000I	19.03926	1.257846	1.297264	0.969615
ENSG0000I	ENSG0000I	2975	GTF3C1	general tra	ENSG0000I	127.4319	-0.66455	0.685394	-0.9696
ENSG0000I	ENSG0000I	9188	DDX21	DExD-box	ENSG0000I	104.3635	-0.69138	0.713216	-0.96938
ENSG0000I	ENSG0000I	4946	OAZ1	ornithine d	ENSG0000I	229.4598	0.562784	0.580594	0.969324
ENSG0000I	ENSG0000I	79415	CYBC1	cytochrom	ENSG0000I	31.11454	1.003242	1.035306	0.969029
ENSG0000I	ENSG0000I	2632	GBE1	1,4-alpha-g	ENSG0000I	110.3967	0.661514	0.682798	0.968829
ENSG0000I	ENSG0000I	150763	GPAT2	glycerol-3-	ENSG0000I	2.712793	-3.50022	3.61299	-0.96879
ENSG0000I	ENSG00000I	253389			ENSG0000I	2.712793	-3.50022	3.61299	-0.96879
ENSG0000I	ENSG0000I	759	CA1	carbonic ar	ENSG0000I	2.712793	-3.50022	3.61299	-0.96879
ENSG0000I	ENSG00000I	235159			ENSG0000I	2.712793	-3.50022	3.61299	-0.96879
ENSG0000I	ENSG0000I	6007	RHD	Rh blood g	ENSG0000I	4.2857	2.614132	2.698833	0.968616
ENSG0000I	ENSG0000I	1524	CX3CR1	C-X3-C mo	ENSG0000I	4.2857	2.614132	2.698833	0.968616
ENSG0000I	ENSG0000I	55640	FLVCR2	feline leuk	ENSG0000I	4.2857	2.614132	2.698833	0.968616
ENSG0000I	ENSG0000I	5705	PSMC5	proteasom	ENSG0000I	43.42209	-0.91513	0.944782	-0.96861
ENSG0000I	ENSG0000I	860	RUNX2	runt relate	ENSG0000I	5.350259	2.396092	2.474126	0.96846
ENSG0000I	ENSG0000I	100130231	LINC00861	long interg	ENSG0000I	5.350259	2.396092	2.474126	0.96846
ENSG0000I	ENSG0000I	64419	MTMR14	myotubula	ENSG0000I	61.46871	-0.81082	0.837538	-0.96809

ENSG0000I	ENSG0000I	64098	PARVG	parvin gam	ENSG0000I	9.289388	1.748178	1.80581	0.968086
ENSG0000I	ENSG0000I	11259	FILIP1L	filamin A ir	ENSG0000I	149.4545	-0.66839	0.690486	-0.968
ENSG0000I	ENSG0000I	7391	USF1	upstream t	ENSG0000I	35.87707	0.936732	0.968348	0.96735
ENSG0000I	ENSG0000I	9564	BCAR1	BCAR1, Ca	ENSG0000I	24.88896	-1.15918	1.198383	-0.96728
ENSG0000I	ENSG0000I	6096	RORB	RAR relate	ENSG0000I	17.64748	-1.52681	1.579148	-0.96686
ENSG0000I	ENSG0000I	683	BST1	bone marr	ENSG0000I	8.3254	1.738352	1.798369	0.966627
ENSG0000I	ENSG0000I	84898	PLXDC2	plexin dom	ENSG0000I	136.0118	0.620647	0.642111	0.966573
ENSG0000I	ENSG0000I	642819	ZNF487	zinc finger	ENSG0000I	6.86601	-2.25983	2.338278	-0.96645
ENSG0000I	ENSG0000I	220002	CYB561A3	cytochrom	ENSG0000I	6.86601	-2.25983	2.338278	-0.96645
ENSG0000I	ENSG0000I	10479	SLC9A6	solute carr	ENSG0000I	31.31569	0.990335	1.024906	0.966269
ENSG0000I	ENSG0000I	83636	C19orf12	chromosor	ENSG0000I	37.41807	0.920392	0.953001	0.965783
ENSG0000I	ENSG0000I	11079	RER1	retention i	ENSG0000I	43.45257	0.87785	0.909061	0.965667
ENSG0000I	ENSG0000I	23429	RYBP	RING1 and	ENSG0000I	43.45257	0.87785	0.909061	0.965667
ENSG0000I	ENSG0000I	161198	CLEC14A	C-type lect	ENSG0000I	48.4777	-0.87384	0.904959	-0.96561
ENSG0000I	ENSG0000I	729967	MORN2	MORN rep	ENSG0000I	9.574753	1.660847	1.720092	0.965557
ENSG0000I	ENSG0000I	140901	STK35	serine/thre	ENSG0000I	48.53302	-0.87437	0.905692	-0.96541
ENSG0000I	ENSG0000I	10725	NFAT5	nuclear fac	ENSG0000I	141.1882	-0.63312	0.655817	-0.96539
ENSG0000I	ENSG0000I	2517	FUCA1	alpha-L-fuc	ENSG0000I	23.63962	1.12298	1.163245	0.965385
ENSG0000I	ENSG0000I	22859	ADGRL1	adhesion C	ENSG0000I	16.51609	-1.41721	1.468271	-0.96523
ENSG0000I	ENSG0000I	11099	PTPN21	protein tyr	ENSG0000I	69.1389	-0.77845	0.806603	-0.9651
ENSG0000I	ENSG0000I	26045	LRRTM2	leucine ric	ENSG0000I	13.34465	-1.54822	1.60438	-0.96499
ENSG0000I	ENSG0000I	51727	CMPK1	cytidine/ur	ENSG0000I	121.8059	0.637452	0.660717	0.964788
ENSG0000I	ENSG0000I	165918	RNF168	ring finger	ENSG0000I	45.91596	-0.89121	0.923916	-0.9646
ENSG0000I	ENSG0000I	1906	EDN1	endothelin	ENSG0000I	10.22852	-1.7803	1.8459	-0.96446
ENSG0000I	ENSG0000I	79754	ASB13	ankyrin re	ENSG0000I	10.22852	-1.7803	1.8459	-0.96446
ENSG0000I	ENSG0000I	339977	LRRC66	leucine ric	ENSG0000I	3.111283	-3.71032	3.847174	-0.96443
ENSG0000I	ENSG0000I	5345	SERPINF2	serpin fam	ENSG0000I	3.111283	-3.71032	3.847174	-0.96443
ENSG0000I	ENSG00000270112				ENSG0000I	3.111283	-3.71032	3.847174	-0.96443
ENSG0000I	ENSG0000I	64431	ACTR6	ARP6 actin	ENSG0000I	13.66898	-1.58266	1.641433	-0.9642
ENSG0000I	ENSG0000I	102724532	LOC102724	uncharacte	ENSG0000I	14.94803	1.387745	1.439513	0.964038
ENSG0000I	ENSG0000I	9159	PCSK7	proprotein	ENSG0000I	32.80802	-1.01751	1.055512	-0.964
ENSG0000I	ENSG0000I	26469	PTPN18	protein tyr	ENSG0000I	37.9119	0.976381	1.012865	0.96398
ENSG0000I	ENSG0000I	101927653	LINC02388	long interg	ENSG0000I	13.16692	1.523666	1.580777	0.963871
ENSG0000I	ENSG0000I	79745	CLIP4	CAP-Gly dc	ENSG0000I	82.12326	0.714458	0.741363	0.963709
ENSG0000I	ENSG0000I	132949	AASDH	aminoadip	ENSG0000I	13.68233	1.399665	1.452572	0.963578
ENSG0000I	ENSG0000I	7067	THRA	thyroid ho	ENSG0000I	106.5406	-0.67919	0.704902	-0.96352
ENSG0000I	ENSG0000I	1175	AP2S1	adaptor rel	ENSG0000I	13.62073	1.413055	1.467198	0.963097
ENSG0000I	ENSG0000I	950	SCARB2	scavenger	ENSG0000I	218.5131	0.564492	0.586232	0.962916
ENSG0000I	ENSG0000I	27089	UQCRQ	ubiquinol-c	ENSG0000I	124.9192	0.666674	0.692402	0.962842
ENSG0000I	ENSG0000I	4683	NBN	nibrin	ENSG0000I	52.82173	0.812674	0.844369	0.962463
ENSG0000I	ENSG0000I	3275	PRMT2	protein arg	ENSG0000I	58.84617	0.788529	0.819378	0.962351
ENSG0000I	ENSG0000I	28513	CDH19	cadherin 1	ENSG0000I	103.6507	-0.67777	0.704328	-0.96229
ENSG0000I	ENSG0000I	644873	LINC01184	long interg	ENSG0000I	16.29232	-1.39677	1.45171	-0.96216
ENSG0000I	ENSG00000280381				ENSG0000I	6.888635	-2.26821	2.357884	-0.96197
ENSG0000I	ENSG0000I	55876	GSDMB	gasdermin	ENSG0000I	6.888635	-2.26821	2.357884	-0.96197
ENSG0000I	ENSG0000I	54880	BCOR	BCL6 core	ENSG0000I	40.72081	-0.93292	0.969813	-0.96196
ENSG0000I	ENSG0000I	9949	AMMECR1	Alport sync	ENSG0000I	13.32202	-1.54357	1.606108	-0.96106

ENSG000001342184	FMN1	formin 1	ENSG00000144.57454	1.05088	1.093837	0.960728
ENSG0000016775	STAT4	signal tran	ENSG0000012.67382	-3.48801	3.632226	-0.96029
ENSG000001956	ENTPD3	ectonucleo	ENSG0000012.67382	-3.48801	3.632226	-0.96029
ENSG00000179825	EFCC1	EF-hand an	ENSG0000012.67382	-3.48801	3.632226	-0.96029
ENSG00000122999	RIMS1	regulating	ENSG0000012.67382	-3.48801	3.632226	-0.96029
ENSG000001254122	SNX32	sorting nex	ENSG0000012.67382	-3.48801	3.632226	-0.96029
ENSG0000010244691			ENSG0000012.67382	-3.48801	3.632226	-0.96029
ENSG0000010270614			ENSG0000012.67382	-3.48801	3.632226	-0.96029
ENSG0000010276071			ENSG0000012.67382	-3.48801	3.632226	-0.96029
ENSG00000126053	AUTS2	AUTS2, act	ENSG00000116.65747	1.268031	1.32087	0.959997
ENSG0000018807	IL18RAP	interleukin	ENSG00000116.36805	3.776367	3.933818	0.959975
ENSG00000157464	STRIP2	striatin int	ENSG00000128.29529	1.033844	1.076954	0.95997
ENSG00000155131	RBM28	RNA bindir	ENSG00000166.09693	-0.7755	0.808014	-0.95976
ENSG00000181796	SLCO5A1	solute carr	ENSG00000175.32602	-0.86633	0.902729	-0.95967
ENSG00000184441	MAML2	mastermin	ENSG00000135.59981	-0.99555	1.037689	-0.95939
ENSG000001340527	NHSL2	NHS like 2	ENSG00000151.04063	0.829837	0.865347	0.958964
ENSG00000179591	ARMH3	armadillo-l	ENSG00000183.67091	-0.71877	0.749584	-0.95889
ENSG0000018367	HIST1H4E	histone clu	ENSG00000132.91828	0.964296	1.005646	0.958882
ENSG00000133	ACADL	acyl-CoA d	ENSG0000012.758043	-3.53657	3.690259	-0.95835
ENSG000001201254	CENPX	centromer	ENSG0000012.758043	-3.53657	3.690259	-0.95835
ENSG00000125938	HEATR5A	HEAT repe	ENSG00000141.97317	0.886522	0.925423	0.957964
ENSG00000156261	GPCPD1	glycerophc	ENSG00000155.48117	0.891135	0.930583	0.957609
ENSG00000191050	CCDC149	coiled-coil	ENSG00000124.71045	-1.15033	1.202127	-0.95691
ENSG00000110866	HCP5	HLA compl	ENSG00000125.30381	1.074264	1.122696	0.956861
ENSG0000018533	COPS3	COP9 signa	ENSG00000145.18464	0.852076	0.890536	0.956812
ENSG0000018809	IL18R1	interleukin	ENSG00000125.18061	1.087406	1.136497	0.956806
ENSG000001284018	C17orf58	chromosor	ENSG0000017.005554	-2.28307	2.386258	-0.95676
ENSG0000016843	VAMP1	vesicle ass	ENSG0000016.804412	-2.24644	2.348331	-0.95661
ENSG000001162966	ZNF600	zinc finger	ENSG0000016.804412	-2.24644	2.348331	-0.95661
ENSG000001100873983	MAGI1-AS1	MAGI1 ant	ENSG0000012.651195	-3.46896	3.627764	-0.95622
ENSG0000010242052			ENSG0000012.651195	-3.46896	3.627764	-0.95622
ENSG0000010261211			ENSG0000012.651195	-3.46896	3.627764	-0.95622
ENSG0000010220848			ENSG0000012.651195	-3.46896	3.627764	-0.95622
ENSG0000010203593			ENSG0000012.651195	-3.46896	3.627764	-0.95622
ENSG0000017571	ZNF23	zinc finger	ENSG0000012.651195	-3.46896	3.627764	-0.95622
ENSG00000151079	NDUFA13	NADH:ubic	ENSG0000012.651195	-3.46896	3.627764	-0.95622
ENSG0000015794	PTPRH	protein tyr	ENSG0000012.651195	-3.46896	3.627764	-0.95622
ENSG00000184282	RNF135	ring finger	ENSG00000112.34875	1.451968	1.518647	0.956094
ENSG0000012350	FOLR2	folate rece	ENSG00000115.17284	1.566767	1.63875	0.956075
ENSG0000019798	IST1	IST1, ESCR	ENSG00000198.81511	-0.69026	0.722074	-0.95595
ENSG00000110752	CHL1	cell adhesi	ENSG00000143.15307	-0.90385	0.946091	-0.95535
ENSG0000015866	RAB3IL1	RAB3A inte	ENSG00000113.30567	-1.54552	1.617933	-0.95524
ENSG0000015036	PA2G4	proliferatic	ENSG00000140.51966	-0.92561	0.969054	-0.95517
ENSG00000111135	CDC42EP1	CDC42 effe	ENSG00000113.36099	-1.54629	1.619013	-0.95508
ENSG0000013954	LETM1	leucine zip	ENSG00000166.09065	-0.77435	0.810785	-0.95506
ENSG0000019869	SETDB1	SET domai	ENSG00000119.10046	-1.28856	1.349206	-0.95505
ENSG000001101928731	LOC101928731	uncharacte	ENSG0000016.781787	-2.23779	2.343824	-0.95476

ENSG00000151090	ENSG00000151090	51090	PLLP	plasmolipin	ENSG00000151090	6.781787	-2.23779	2.343824	-0.95476
ENSG0000018021	ENSG0000018021	8021	NUP214	nucleoporin	ENSG0000018021	61.45237	-0.81099	0.8496	-0.95455
ENSG0000015686	ENSG0000015686	5686	PSMA5	proteasome	ENSG0000015686	35.92232	0.930277	0.975382	0.953757
ENSG0000011174	ENSG0000011174	1174	AP1S1	adaptor protein	ENSG0000011174	7.076048	1.843005	1.932592	0.953644
ENSG00000110891	ENSG00000110891	10891	PPARGC1A	PPARG coactivator	ENSG00000110891	143.9903	-0.6679	0.700553	-0.95339
ENSG00000179066	ENSG00000179066	79066	METTL16	methyltransferase	ENSG00000179066	35.36976	-0.9832	1.031368	-0.9533
ENSG0000014624	ENSG0000014624	4624	MYH6	myosin heavy chain	ENSG0000014624	2299.284	-1.45764	1.529662	-0.95292
ENSG000001374882	ENSG000001374882	374882	TMEM205	transmembrane protein	ENSG000001374882	6.952852	1.904043	1.998728	0.952627
ENSG00000179834	ENSG00000179834	79834	PEAK1	pseudopodium-associated	ENSG00000179834	228.0057	-0.55743	0.585195	-0.95255
ENSG00000155847	ENSG00000155847	55847	CISD1	CDGSH iron-binding	ENSG00000155847	48.34457	0.830221	0.871877	0.952223
ENSG0000017321	ENSG0000017321	7321	UBE2D1	ubiquitin-conjugating	ENSG0000017321	51.31971	0.819885	0.861074	0.952166
ENSG000001259230	ENSG000001259230	259230	SGMS1	sphingomyelinase	ENSG000001259230	40.64588	0.880983	0.925626	0.95177
ENSG0000010241717	ENSG0000010241717	0241717			ENSG0000010241717	10.1443	-1.76499	1.854864	-0.95155
ENSG000001162993	ENSG000001162993	162993	ZNF846	zinc finger protein	ENSG000001162993	13.8445	1.3719	1.442343	0.951161
ENSG000001128710	ENSG000001128710	128710	SLX4IP	SLX4 interacting	ENSG000001128710	13.8445	1.3719	1.442343	0.951161
ENSG0000014199	ENSG0000014199	4199	ME1	malic enzyme	ENSG0000014199	27.79139	-1.11615	1.173675	-0.95099
ENSG000001220213	ENSG000001220213	220213	OTUD1	OTU deubiquitinase	ENSG000001220213	31.5231	0.971163	1.021331	0.950879
ENSG00000151027	ENSG00000151027	51027	BOLA1	bolA family protein	ENSG00000151027	4.616315	2.240728	2.35733	0.950536
ENSG00000123005	ENSG00000123005	23005	MAPKBP1	mitogen-activated	ENSG00000123005	27.32123	-1.08825	1.145011	-0.95043
ENSG0000011196	ENSG0000011196	1196	CLK2	CDC like kinase	ENSG0000011196	19.01623	-1.28002	1.346793	-0.95042
ENSG00000123074	ENSG00000123074	23074	UHRF1BP1	UHRF1 binding	ENSG00000123074	48.38982	0.825796	0.86891	0.950382
ENSG0000019341	ENSG0000019341	9341	VAMP3	vesicle-associated	ENSG0000019341	88.99751	0.684352	0.720248	0.950162
ENSG00000126095	ENSG00000126095	26095	PTPN20	protein tyrosine	ENSG00000126095	12.47195	1.422434	1.497793	0.949687
ENSG00000110460	ENSG00000110460	10460	TACC3	transforming	ENSG00000110460	10.95358	1.534644	1.616301	0.949479
ENSG00000184814	ENSG00000184814	84814	PLPP7	phospholipase	ENSG00000184814	32.63958	-1.00726	1.060975	-0.94937
ENSG0000013752	ENSG0000013752	3752	KCND3	potassium channel	ENSG0000013752	63.31142	-0.77781	0.819593	-0.94902
ENSG0000012683	ENSG0000012683	2683	B4GALT1	beta-1,4-galactosyl	ENSG0000012683	99.75294	-0.70511	0.743277	-0.94865
ENSG000001654433	ENSG000001654433	654433	PAX8-AS1	PAX8 antisense	ENSG000001654433	21.88596	-1.20864	1.274105	-0.94862
ENSG00000154842	ENSG00000154842	54842	MFSD6	major facilitator	ENSG00000154842	61.79684	-0.81685	0.861112	-0.9486
ENSG00000179734	ENSG00000179734	79734	KCTD17	potassium channel	ENSG00000179734	8.386998	1.713937	1.806886	0.948559
ENSG0000016573	ENSG0000016573	6573	SLC19A1	solute carrier	ENSG0000016573	8.348025	1.714087	1.807292	0.948428
ENSG0000013426	ENSG0000013426	3426	CFI	complement	ENSG0000013426	35.39239	-0.98494	1.038624	-0.94831
ENSG000001400927	ENSG000001400927	400927	TPTEP2	TPTE pseudoreceptor	ENSG000001400927	13.2378	-1.53158	1.615446	-0.94809
ENSG0000014001	ENSG0000014001	4001	LMNB1	lamin B1	ENSG0000014001	4.554717	2.294778	2.421114	0.947819
ENSG000001345930	ENSG000001345930	345930	ECT2L	epithelial cell	ENSG000001345930	4.554717	2.294778	2.421114	0.947819
ENSG000001202781	ENSG000001202781	202781	PAXIP1-AS	PAXIP1 antisense	ENSG000001202781	4.554717	2.294778	2.421114	0.947819
ENSG00000184727	ENSG00000184727	84727	SPSB2	splA/ryano	ENSG00000184727	4.554717	2.294778	2.421114	0.947819
ENSG00000123242	ENSG00000123242	23242	COBL	cordons-ble	ENSG00000123242	98.46724	0.665531	0.702256	0.947705
ENSG0000014968	ENSG0000014968	4968	OGG1	8-oxoguanine	ENSG0000014968	10.12795	-1.76757	1.86524	-0.94764
ENSG000001154	ENSG000001154	154	ADRB2	adrenoceptor	ENSG000001154	10.12795	-1.76757	1.86524	-0.94764
ENSG00000151187	ENSG00000151187	51187	RSL24D1	ribosomal	ENSG00000151187	49.70705	0.827308	0.873032	0.947627
ENSG000001214	ENSG000001214	214	ALCAM	activated	ENSG000001214	19.61626	1.170525	1.235986	0.947038
ENSG00000129982	ENSG00000129982	29982	NRBF2	nuclear receptor	ENSG00000129982	16.74169	1.248825	1.318924	0.946851
ENSG00000110109	ENSG00000110109	10109	ARPC2	actin related	ENSG00000110109	131.7873	0.615233	0.649818	0.946777
ENSG00000111037	ENSG00000111037	11037	STON1	stonin 1	ENSG00000111037	21.80174	-1.20116	1.26899	-0.94655
ENSG000001374443	ENSG000001374443	374443	LOC374443	C-type lectin	ENSG000001374443	9.620003	1.621768	1.714571	0.945874
ENSG0000011718	ENSG0000011718	1718	DHCR24	24-dehydrocholesterol	ENSG0000011718	24.96691	-1.16258	1.229439	-0.94562

ENSG0000018859	STK19	serine/thr	ENSG0000018409623	1.690178	1.787928	0.945328
ENSG00000110301	DLEU1	deleted in	ENSG0000018409623	1.690178	1.787928	0.945328
ENSG0000013315	HSPB1	heat shock	ENSG000001122.0432	0.697226	0.737763	0.945055
ENSG00000183692	CD99L2	CD99 mole	ENSG000001128.8675	0.614186	0.650102	0.944753
ENSG0000014644	MYO5A	myosin VA	ENSG00000173.6965	0.806058	0.853212	0.944733
ENSG0000018405	SPOP	speckle ty	ENSG00000163.98456	0.7498	0.793858	0.944501
ENSG00000181894	SLC25A28	solute carr	ENSG00000118.95464	-1.27473	1.349672	-0.94448
ENSG0000019524	TECR	trans-2,3-e	ENSG00000121.79546	-1.19712	1.267595	-0.9444
ENSG000001388796	SNHG17	small nucle	ENSG0000016.759162	-2.22913	2.361113	-0.9441
ENSG00000164005	MYO1G	myosin IG	ENSG0000017.137645	1.813618	1.921133	0.944036
ENSG00000157142	RTN4	reticulon 4	ENSG000001126.6464	0.63059	0.668233	0.943668
ENSG00000180832	APOL4	apolipopro	ENSG00000115.22332	1.311648	1.390799	0.943089
ENSG0000015814	PURB	purine rich	ENSG00000163.42834	-0.78005	0.827237	-0.94296
ENSG0000013554	IL1R1	interleukin	ENSG000001122.5622	-0.67631	0.717543	-0.94254
ENSG0000011647	GADD45A	growth arr	ENSG00000115.16173	1.323355	1.404238	0.942401
ENSG00000179134	TMEM185	transmembr	ENSG00000110.04373	-1.75217	1.859851	-0.9421
ENSG00000125915	NDUFAF3	NADH:ubic	ENSG00000140.83067	0.869495	0.922942	0.94209
ENSG00000110724	OGA	O-GlcNAca	ENSG000001297.5635	-0.52676	0.55947	-0.94153
ENSG00000157381	RHOJ	ras homolo	ENSG00000121.82437	-1.20399	1.278772	-0.94152
ENSG00000159271	EVA1C	eva-1 hom	ENSG00000121.82437	-1.20399	1.278772	-0.94152
ENSG0000013269	HRH1	histamine	ENSG0000012.589597	-3.43704	3.651011	-0.94139
ENSG0000010250500			ENSG0000012.589597	-3.43704	3.651011	-0.94139
ENSG000001132430	PABPC4L	poly(A) bin	ENSG0000012.589597	-3.43704	3.651011	-0.94139
ENSG000001157381	LINC00964	long interg	ENSG0000012.589597	-3.43704	3.651011	-0.94139
ENSG00000183758	RBP5	retinol bin	ENSG0000012.589597	-3.43704	3.651011	-0.94139
ENSG000001283487	LINC00346	long interg	ENSG0000012.589597	-3.43704	3.651011	-0.94139
ENSG00000126175	TMEM251	transmembr	ENSG0000012.589597	-3.43704	3.651011	-0.94139
ENSG00000184080	ENKD1	enkurin do	ENSG0000012.589597	-3.43704	3.651011	-0.94139
ENSG000001440348	NPIP15	nuclear po	ENSG0000012.589597	-3.43704	3.651011	-0.94139
ENSG0000010278864			ENSG0000012.589597	-3.43704	3.651011	-0.94139
ENSG0000010266767			ENSG0000012.589597	-3.43704	3.651011	-0.94139
ENSG00000165981	CAPRIN2	caprin fam	ENSG00000145.60169	-0.87777	0.932813	-0.94099
ENSG00000129125	C11orf21	chromosor	ENSG00000122.01923	-1.21295	1.289053	-0.94096
ENSG00000122984	PDCD11	programm	ENSG00000137.64993	-0.93666	0.99617	-0.94026
ENSG000001595135	PGM5P2	phosphogl	ENSG00000110.02111	-1.74609	1.85785	-0.93984
ENSG0000013930	LBR	lamin B rec	ENSG00000135.94495	0.927164	0.986865	0.939505
ENSG0000019424	KCNK6	potassium	ENSG00000115.34652	1.288649	1.371905	0.939313
ENSG0000014552	MTRR	5-methylte	ENSG00000127.12009	-1.07777	1.147636	-0.93912
ENSG0000016157	RPL27A	ribosomal	ENSG000001238.3348	0.56427	0.601094	0.938739
ENSG00000184937	ZNRF1	zinc and rir	ENSG00000110.12168	-1.75906	1.87387	-0.93873
ENSG000001653	BMP5	bone morp	ENSG0000016.697564	-2.21542	2.360456	-0.93856
ENSG00000155974	SLC50A1	solute carr	ENSG0000019.804797	1.562085	1.664727	0.938344
ENSG000001653464	SRGAP2C	SLIT-ROBO	ENSG00000110.15058	-1.7733	1.890664	-0.93792
ENSG00000154332	GDAP1	ganglioside	ENSG0000018.471221	1.666711	1.777226	0.937816
ENSG000001644135	LOC644135	uncharacte	ENSG0000016.658591	-2.21051	2.357232	-0.93776
ENSG000001163081	ZNF567	zinc finger	ENSG0000016.658591	-2.21051	2.357232	-0.93776
ENSG000001539	ATP5PO	ATP syntha	ENSG00000159.50112	0.761798	0.812588	0.937496

ENSG0000055268	ECHDC2	enoyl-CoA	ENSG0000077.98298	-0.71653	0.764467	-0.9373
ENSG0000080210	ARMC9	armadillo r	ENSG000002.612222	-3.45635	3.687709	-0.93726
ENSG00000249019			ENSG000002.612222	-3.45635	3.687709	-0.93726
ENSG00000248152			ENSG000002.612222	-3.45635	3.687709	-0.93726
ENSG00000345062	PRSS48	serine prot	ENSG000002.612222	-3.45635	3.687709	-0.93726
ENSG00000181997			ENSG000002.612222	-3.45635	3.687709	-0.93726
ENSG00000254428			ENSG000002.612222	-3.45635	3.687709	-0.93726
ENSG00000232587			ENSG000002.612222	-3.45635	3.687709	-0.93726
ENSG00000162494	RHBDL3	rhomboi	ENSG000002.612222	-3.45635	3.687709	-0.93726
ENSG00000230568			ENSG000002.612222	-3.45635	3.687709	-0.93726
ENSG00000140711	TLDC2	TBC/LysM-	ENSG000002.612222	-3.45635	3.687709	-0.93726
ENSG00000279155			ENSG000002.612222	-3.45635	3.687709	-0.93726
ENSG0000056259	CTNBL1	catenin be	ENSG0000021.65592	-1.18894	1.268844	-0.93703
ENSG000001186	CLCN7	chloride vc	ENSG0000016.32123	-1.40559	1.50014	-0.93697
ENSG0000054494	C11orf71	chromosor	ENSG000004.677913	2.188886	2.336908	0.936659
ENSG000005452	POU2F2	POU class 2	ENSG000004.677913	2.188886	2.336908	0.936659
ENSG0000050808	AK3	adenylate	ENSG00000170.5902	0.573688	0.612797	0.93618
ENSG0000055544	RBM38	RNA bindir	ENSG0000021.1736	1.129293	1.206417	0.936072
ENSG00000858	CAV2	caveolin 2	ENSG00000178.8644	0.586735	0.627218	0.935457
ENSG000009747	TCAF1	TRPM8 cha	ENSG0000040.2959	-0.91667	0.979961	-0.93541
ENSG000009669	EIF5B	eukaryotic	ENSG00000154.4833	-0.59864	0.640037	-0.93532
ENSG0000055692	LUC7L	LUC7 like	ENSG0000027.03587	-1.07162	1.145905	-0.93517
ENSG00000148413	MRPL20-A	MRPL20 ar	ENSG0000010.06008	-1.74955	1.870874	-0.93515
ENSG000007439	BEST1	bestrophin	ENSG0000011.19997	1.467023	1.568782	0.935135
ENSG000005069	PAPPA	pappalysin	ENSG0000013.09826	-1.51877	1.624432	-0.93496
ENSG00000285527	FRYL	FRY like tra	ENSG00000173.4486	-0.57733	0.617599	-0.9348
ENSG00000102723897	WASH9P	WAS prote	ENSG000003.490158	2.528578	2.706114	0.934395
ENSG00000100151683	RNU4ATAC	RNA, U4at	ENSG000003.490158	2.528578	2.706114	0.934395
ENSG000006571	SLC18A2	solute carr	ENSG000003.490158	2.528578	2.706114	0.934395
ENSG00000440823	MIAT	myocardial	ENSG000003.490158	2.528578	2.706114	0.934395
ENSG0000057595	PDZD4	PDZ domai	ENSG000003.490158	2.528578	2.706114	0.934395
ENSG000009862	MED24	mediator c	ENSG0000042.69926	-0.88501	0.947278	-0.93427
ENSG0000092715	DPH7	diphthamic	ENSG0000013.05301	-1.5093	1.615797	-0.93409
ENSG0000089782	LMLN	leishmanol	ENSG0000013.76956	-1.59331	1.705882	-0.93401
ENSG0000080851	SH3BP5L	SH3 bindin	ENSG0000028.73276	0.986859	1.05683	0.933791
ENSG00000200734	SPRED2	sprouty rel	ENSG0000029.6919	-1.02707	1.100214	-0.93352
ENSG000004692	NDN	necdin, M	ENSG0000022.7146	1.08906	1.167466	0.932841
ENSG00000116151	FAM210B	family with	ENSG0000098.0235	0.678516	0.727423	0.932766
ENSG00000284802	FRG1BP	FSHD regio	ENSG0000011.03152	1.531346	1.642142	0.93253
ENSG0000054929	TMEM161	transmeml	ENSG000006.635966	-2.20161	2.361774	-0.93218
ENSG000007373	COL14A1	collagen ty	ENSG0000047.24718	-0.94828	1.017859	-0.93165
ENSG000005315	PKM	pyruvate ki	ENSG00000853.9044	0.466638	0.501436	0.930604
ENSG0000064854	USP46	ubiquitin s	ENSG0000085.70182	0.697242	0.749371	0.930436
ENSG000004043	LRPAP1	LDL recept	ENSG00000116.6401	0.620165	0.666583	0.930363
ENSG0000092235	DUSP27	dual specif	ENSG00000187.2307	0.575996	0.619418	0.9299
ENSG0000083637	ZMIZ2	zinc finger	ENSG0000047.70962	-0.8441	0.907802	-0.92983
ENSG0000051559	NT5DC3	5'-nucleoti	ENSG0000026.64745	1.077375	1.159166	0.929439

ENSG0000012936	GSR	glutathione	ENSG00000163.97201	0.754242	0.81165	0.929269
ENSG0000019818	NUP58	nucleoporin	ENSG00000150.28143	-0.82805	0.891547	-0.92878
ENSG0000011176	BAZ2A	bromodomain	ENSG000001121.9587	-0.62336	0.67143	-0.9284
ENSG0000019324	HMGN3	high mobility group	ENSG00000179.72892	0.702262	0.756556	0.928235
ENSG00000179683	ZDHHC14	zinc finger	ENSG0000016.596993	-2.19666	2.366975	-0.92805
ENSG00000122837	COBLL1	cordon-bleu	ENSG00000162.77339	-0.76199	0.821439	-0.92763
ENSG0000019852	EPM2AIP1	EPM2A interacting	ENSG00000181.79787	0.680143	0.733252	0.927571
ENSG00000151510	CHMP5	charged multimer	ENSG00000147.21842	0.815492	0.879192	0.927548
ENSG00000154496	PRMT7	protein arginine	ENSG00000121.58805	-1.18014	1.272515	-0.92741
ENSG0000018284	KDM5D	lysine demethylase	ENSG00000183.44335	-0.71593	0.772212	-0.92712
ENSG00000110430	TMEM147	transmembrane	ENSG00000119.70049	1.155075	1.245882	0.927114
ENSG000001165215	FAM171B	family with	ENSG00000110.00476	-1.7486	1.886737	-0.92678
ENSG00000110100	TSPAN2	tetraspanin	ENSG0000018.532819	1.64357	1.774049	0.926451
ENSG0000017625	ZNF74	zinc finger	ENSG0000018.448596	1.689626	1.823925	0.926368
ENSG00000155003	PAK1IP1	PAK1 interacting	ENSG00000116.82592	1.230009	1.327784	0.926362
ENSG00000179701	OGFOD3	2-oxoglutarate	ENSG00000113.03666	-1.5113	1.631668	-0.92623
ENSG0000011577	CYP3A5	cytochrome	ENSG0000019.89791	-1.72695	1.865318	-0.92582
ENSG0000017554	ZNF8	zinc finger	ENSG00000121.48747	-1.17364	1.267872	-0.92568
ENSG000001824	CAPN2	calpain 2	ENSG000001156.1952	-0.58873	0.636064	-0.92559
ENSG00000180351	TNKS2	tankyrase 2	ENSG00000162.71179	-0.76025	0.821711	-0.9252
ENSG00000191966	CXorf40A	chromosome	ENSG00000114.05192	1.322269	1.429304	0.925114
ENSG00000111285	B4GALT7	beta-1,4-galactosyl	ENSG0000016.574368	-2.18768	2.365031	-0.92501
ENSG00000129941	PKN3	protein kinase	ENSG0000016.574368	-2.18768	2.365031	-0.92501
ENSG000001158056	MAMDC4	MAM domain	ENSG0000016.574368	-2.18768	2.365031	-0.92501
ENSG00000157731	SPTBN4	spectrin beta	ENSG0000016.574368	-2.18768	2.365031	-0.92501
ENSG000001219402	MTIF3	mitochondrial	ENSG00000153.52821	0.775986	0.838901	0.925003
ENSG0000019414	TJP2	tight junction	ENSG00000143.00098	-0.89563	0.968412	-0.92484
ENSG00000151444	RNF138	ring finger	ENSG00000118.40588	1.170284	1.265507	0.924756
ENSG0000016018	RLF	rearranged	ENSG00000156.57123	0.764029	0.826325	0.92461
ENSG000001529	ATP6V1E1	ATPase H+	ENSG000001112.3626	0.651242	0.704476	0.924435
ENSG0000016339	SCNN1D	sodium channel	ENSG0000012.527999	-3.40441	3.682775	-0.92441
ENSG00000151188	SS18L2	SS18 like 2	ENSG0000012.527999	-3.40441	3.682775	-0.92441
ENSG00000155096	EBLN2	endogenous	ENSG0000012.527999	-3.40441	3.682775	-0.92441
ENSG000001134549	SHROOM1	shroom family	ENSG0000012.527999	-3.40441	3.682775	-0.92441
ENSG0000012178	FANCE	FA complex	ENSG0000012.527999	-3.40441	3.682775	-0.92441
ENSG000001101927211	ZNF451-AS	ZNF451 repeat	ENSG0000012.527999	-3.40441	3.682775	-0.92441
ENSG00000100273230			ENSG0000012.527999	-3.40441	3.682775	-0.92441
ENSG00000100275325			ENSG0000012.527999	-3.40441	3.682775	-0.92441
ENSG000001440295	GOLGA6L9	golgin A6 family	ENSG0000012.527999	-3.40441	3.682775	-0.92441
ENSG00000184219	WDR24	WD repeat	ENSG0000012.527999	-3.40441	3.682775	-0.92441
ENSG000001126272	EID2B	EP300 interacting	ENSG0000012.527999	-3.40441	3.682775	-0.92441
ENSG00000155267	PRR34	PRR34 long	ENSG0000012.527999	-3.40441	3.682775	-0.92441
ENSG00000160401	EDA2R	ectodysplasia	ENSG0000012.527999	-3.40441	3.682775	-0.92441
ENSG0000019847	C2CD5	C2 calcium	ENSG00000146.9783	0.825122	0.892625	0.924377
ENSG000001387338	NSUN4	NOP2/Sun	ENSG00000124.18876	-1.11069	1.201556	-0.92437
ENSG0000011635	DCTD	dCMP deaminase	ENSG00000124.18876	-1.11069	1.201556	-0.92437
ENSG00000180311	KLHL15	kelch like family	ENSG00000121.52645	-1.17541	1.27164	-0.92433

ENSG0000I	ENSG0000I	2068	ERCC2	ERCC excis	ENSG0000I	12.65674	1.379235	1.492523	0.924096
ENSG0000I	ENSG0000I	50999	TMED5	transmeml	ENSG0000I	70.82612	0.707843	0.766037	0.924033
ENSG0000I	ENSG0000I	57466	SCAF4	SR-related	ENSG0000I	39.93638	-0.89822	0.97213	-0.92397
ENSG0000I	ENSG0000I	220441	RNF152	ring finger	ENSG0000I	50.60577	-0.83846	0.907461	-0.92397
ENSG0000I	ENSG0000I	27445	PCLO	piccolo pre	ENSG0000I	21.87341	-1.20089	1.299861	-0.92386
ENSG0000I	ENSG0000I	80013	MINDY3	MINDY lysi	ENSG0000I	34.95833	0.903369	0.978052	0.923641
ENSG0000I	ENSG0000I	54756	IL17RD	interleukin	ENSG0000I	14.07454	1.311313	1.420103	0.923392
ENSG0000I	ENSG0000I	144811	LACC1	laccase dor	ENSG0000I	12.57252	1.406201	1.523109	0.923243
ENSG0000I	ENSG0000I	159195	USP54	ubiquitin sj	ENSG0000I	68.1634	-0.75165	0.814185	-0.92319
ENSG0000I	ENSG0000I	166336	PRICKLE2	prickle plar	ENSG0000I	19.02251	-1.28429	1.391246	-0.92312
ENSG0000I	ENSG0000I	57150	SMIM8	small integ	ENSG0000I	15.87749	-1.35198	1.464911	-0.92291
ENSG0000I	ENSG0000I	9215	LARGE1	LARGE xylc	ENSG0000I	170.9422	-0.57775	0.626165	-0.92268
ENSG0000I	ENSG0000I	5591	PRKDC	protein kin	ENSG0000I	298.9562	-0.51905	0.562569	-0.92264
ENSG0000I	ENSG0000I	6604	SMARCD3	SWI/SNF rε	ENSG0000I	31.89897	0.934823	1.013497	0.922373
ENSG0000I	ENSG0000I	29028	ATAD2	ATPase fan	ENSG0000I	64.4126	-0.81309	0.881527	-0.92236
ENSG0000I	ENSG0000I	5127	CDK16	cyclin depe	ENSG0000I	100.3084	-0.66447	0.720478	-0.92226
ENSG0000I	ENSG0000I	1407	CRY1	cryptochro	ENSG0000I	15.94536	-1.36375	1.478904	-0.92214
ENSG0000I	ENSG0000I	5531	PPP4C	protein ph	ENSG0000I	15.53131	1.254928	1.361143	0.921966
ENSG0000I	ENSG0000I	506	ATP5F1B	ATP syntha	ENSG0000I	1337.386	0.475329	0.515627	0.921847
ENSG0000I	ENSG0000I	23552	CDK20	cyclin depe	ENSG0000I	3.551756	2.452498	2.660848	0.921698
ENSG0000I	ENSG0000I	0260329			ENSG0000I	3.551756	2.452498	2.660848	0.921698
ENSG0000I	ENSG0000I	122616	CLBA1	clathrin bir	ENSG0000I	3.551756	2.452498	2.660848	0.921698
ENSG0000I	ENSG0000I	51203	NUSAP1	nucleolar a	ENSG0000I	3.551756	2.452498	2.660848	0.921698
ENSG0000I	ENSG0000I	80055	PGAP1	post-GPI at	ENSG0000I	29.70825	-1.02633	1.113687	-0.92156
ENSG0000I	ENSG0000I	53339	BTBD1	BTB domai	ENSG0000I	159.8557	0.62442	0.677901	0.921107
ENSG0000I	ENSG0000I	2131	EXT1	exostosin g	ENSG0000I	26.82845	-1.05775	1.148368	-0.92109
ENSG0000I	ENSG0000I	6205	RPS11	ribosomal |	ENSG0000I	328.9059	0.526248	0.571491	0.920833
ENSG0000I	ENSG0000I	23138	N4BP3	NEDD4 bin	ENSG0000I	6.674939	-2.20683	2.396864	-0.92072
ENSG0000I	ENSG0000I	56172	ANKH	ANKH inor	ENSG0000I	151.4288	-0.59302	0.644563	-0.92004
ENSG0000I	ENSG0000I	92259	MRPS36	mitochond	ENSG0000I	31.93794	0.933572	1.01472	0.92003
ENSG0000I	ENSG0000I	647087	STMP1	short trans	ENSG0000I	39.62029	0.859833	0.93462	0.919982
ENSG0000I	ENSG0000I	3117	HLA-DQA1	major histc	ENSG0000I	6.622237	2.108662	2.292312	0.919885
ENSG0000I	ENSG0000I	26585	GREM1	gremlin 1,	ENSG0000I	2.903864	-3.61088	3.927242	-0.91944
ENSG0000I	ENSG0000I	386757	SLC6A10P	solute carr	ENSG0000I	2.903864	-3.61088	3.927242	-0.91944
ENSG0000I	ENSG0000I	132160	PPM1M	protein ph	ENSG0000I	16.90386	1.226619	1.335001	0.918815
ENSG0000I	ENSG0000I	283232	TMEM80	transmeml	ENSG0000I	6.703842	-2.22741	2.424236	-0.91881
ENSG0000I	ENSG0000I	643155	SMIM15	small integ	ENSG0000I	18.46748	1.161166	1.264316	0.918415
ENSG0000I	ENSG0000I	00272918			ENSG0000I	5.888293	1.956651	2.132027	0.917742
ENSG0000I	ENSG0000I	653390	RRN3P2	RRN3 hom	ENSG0000I	5.888293	1.956651	2.132027	0.917742
ENSG0000I	ENSG0000I	90592	ZNF700	zinc finger	ENSG0000I	21.24148	1.11048	1.210386	0.91746
ENSG0000I	ENSG0000I	26207	PITPNC1	phosphatic	ENSG0000I	27.13016	-1.0738	1.17046	-0.91741
ENSG0000I	ENSG0000I	00267034			ENSG0000I	2.566972	-3.41752	3.725877	-0.91724
ENSG0000I	ENSG0000I	00205940			ENSG0000I	2.566972	-3.41752	3.725877	-0.91724
ENSG0000I	ENSG0000I	100506658	OCLN	occludin	ENSG0000I	2.566972	-3.41752	3.725877	-0.91724
ENSG0000I	ENSG0000I	00261606			ENSG0000I	2.566972	-3.41752	3.725877	-0.91724
ENSG0000I	ENSG0000I	125704	DIPK1C	divergent ꞑ	ENSG0000I	2.566972	-3.41752	3.725877	-0.91724
ENSG0000I	ENSG0000I	11200	CHEK2	checkpoint	ENSG0000I	2.566972	-3.41752	3.725877	-0.91724

ENSG000001239407			ENSG000001239407	2.566972	-3.41752	3.725877	-0.91724
ENSG00000155800	SCN3B	sodium vol	ENSG00000155800	6.51277	-2.17362	2.370242	-0.91705
ENSG00000128987	NOB1	NIN1 (RPN	ENSG00000128987	6.51277	-2.17362	2.370242	-0.91705
ENSG00000151157	ZNF580	zinc finger	ENSG00000151157	6.51277	-2.17362	2.370242	-0.91705
ENSG00000151463	GPR89B	G protein-c	ENSG00000151463	2.62857	-3.45038	3.762945	-0.91694
ENSG000001442523	DPY19L2P4	DPY19L2 p	ENSG000001442523	2.62857	-3.45038	3.762945	-0.91694
ENSG0000018309	ACOX2	acyl-CoA o	ENSG0000018309	18.80254	-1.2561	1.369955	-0.91689
ENSG0000016993	DYNLT1	dynein ligh	ENSG0000016993	33.45631	0.918882	1.002341	0.916736
ENSG000001100506736	SLFN12L	schlafen fa	ENSG000001100506736	5.949891	1.91979	2.094516	0.916579
ENSG0000018877	SPHK1	sphingosin	ENSG0000018877	5.949891	1.91979	2.094516	0.916579
ENSG00000155193	PBRM1	polybromo	ENSG00000155193	116.7924	-0.62612	0.683228	-0.91642
ENSG00000127175	TUBG2	tubulin gar	ENSG00000127175	12.86821	-1.48671	1.623198	-0.91591
ENSG000001114785	MBD6	methyl-Cp	ENSG000001114785	32.29889	-0.99245	1.084177	-0.91539
ENSG000001219902	TMEM136	transmeml	ENSG000001219902	18.74094	-1.25069	1.367294	-0.91472
ENSG0000019394	HS6ST1	heparan su	ENSG0000019394	34.77013	-0.95265	1.041652	-0.91456
ENSG00000110651	MTX2	metaxin 2	ENSG00000110651	22.94464	1.05609	1.154821	0.914505
ENSG000001151525	WDSUB1	WD repeat	ENSG000001151525	9.858937	-1.72341	1.885026	-0.91427
ENSG00000154704	PDP1	pyruvate d	ENSG00000154704	129.9372	0.593998	0.649792	0.914136
ENSG000001117178	SSX2IP	SSX family	ENSG000001117178	28.9628	0.961822	1.052482	0.91386
ENSG000001401548	SNX30	sorting nex	ENSG000001401548	28.9628	0.961822	1.052482	0.91386
ENSG0000017158	TP53BP1	tumor prot	ENSG0000017158	82.99712	-0.70237	0.768638	-0.91378
ENSG0000012799	GNS	glucosamir	ENSG0000012799	283.9633	0.512749	0.561132	0.913777
ENSG0000016224	RPS20	ribosomal	ENSG0000016224	275.049	0.522419	0.57172	0.913767
ENSG00000110347	ABCA7	ATP bindin	ENSG00000110347	11.161	1.468693	1.608215	0.913244
ENSG0000019553	MRPL33	mitochond	ENSG0000019553	61.49593	0.737177	0.807209	0.913242
ENSG000001219833	C11orf45	chromosor	ENSG000001219833	6.551743	-2.17871	2.386236	-0.91303
ENSG0000015526	PPP2R5B	protein ph	ENSG0000015526	21.44222	-1.16773	1.279077	-0.91295
ENSG00000110312	TCIRG1	T cell imm	ENSG00000110312	11.28419	1.435731	1.572852	0.91282
ENSG0000017086	TKT	transketol	ENSG0000017086	44.25962	0.827745	0.906858	0.912761
ENSG00000126137	ZBTB20	zinc finger	ENSG00000126137	269.5062	-0.52396	0.574149	-0.91259
ENSG0000016497	SKI	SKI proto-c	ENSG0000016497	49.98979	-0.81693	0.895412	-0.91235
ENSG00000129954	POMT2	protein O-r	ENSG00000129954	12.84559	-1.48184	1.624689	-0.91208
ENSG0000018795	TNFRSF10E	TNF recept	ENSG0000018795	34.55644	-0.93927	1.02992	-0.91198
ENSG0000017965	AIMP2	aminoacyl	ENSG0000017965	12.71834	1.365017	1.49706	0.911798
ENSG0000018743	TNFSF10	TNF superf	ENSG0000018743	55.79308	0.798035	0.875397	0.911627
ENSG00000164895	PAPOLG	poly(A) pol	ENSG00000164895	30.5038	0.940527	1.032105	0.911271
ENSG00000129015	SLC43A3	solute carr	ENSG00000129015	21.40953	-1.17004	1.284097	-0.91118
ENSG000001467	ATF3	activating t	ENSG000001467	20.00848	1.113062	1.222136	0.910752
ENSG00000123230	VPS13A	vacuolar pi	ENSG00000123230	209.5254	-0.55154	0.605735	-0.91053
ENSG00000191056	AP5B1	adaptor rel	ENSG00000191056	18.18212	1.200077	1.318265	0.910346
ENSG00000123378	RRP8	ribosomal	ENSG00000123378	32.15307	-0.98404	1.081447	-0.90992
ENSG00000156977	STOX2	storkhead	ENSG00000156977	45.10263	-0.85708	0.941993	-0.90986
ENSG0000016747	SSR3	signal sequ	ENSG0000016747	186.3485	0.545441	0.599587	0.909695
ENSG00000156912	IFT46	intraflagell	ENSG00000156912	22.75357	1.087244	1.195227	0.909655
ENSG00000111232	POLG2	DNA polyn	ENSG00000111232	7.260841	1.756035	1.930593	0.909583
ENSG000001115110	TNFRSF14-	TNFRSF14	ENSG000001115110	2.505374	-3.38422	3.721336	-0.90941
ENSG00000117173			ENSG00000117173	2.505374	-3.38422	3.721336	-0.90941

ENSG00000100223842			ENSG00000100223842	2.505374	-3.38422	3.721336	-0.90941
ENSG000001100126793	GHRLOS	ghrelin op	ENSG000001100126793	2.505374	-3.38422	3.721336	-0.90941
ENSG00000102979	GUCA1B	guanylate c	ENSG00000102979	2.505374	-3.38422	3.721336	-0.90941
ENSG000001054784	ALKBH4	alkB homo	ENSG000001054784	2.505374	-3.38422	3.721336	-0.90941
ENSG0000010254595			ENSG0000010254595	2.505374	-3.38422	3.721336	-0.90941
ENSG0000010259581			ENSG0000010259581	2.505374	-3.38422	3.721336	-0.90941
ENSG0000010398	ARHGDIG	Rho GDP d	ENSG0000010398	2.505374	-3.38422	3.721336	-0.90941
ENSG0000010388228	SBK1	SH3 domai	ENSG0000010388228	2.505374	-3.38422	3.721336	-0.90941
ENSG000001055379	LRRC59	leucine ric	ENSG000001055379	24.19504	-1.11422	1.225292	-0.90935
ENSG00000104126	MANBA	mannosida	ENSG00000104126	33.62476	0.902607	0.992845	0.909112
ENSG00000107323	UBE2D3	ubiquitin c	ENSG00000107323	254.0333	0.516015	0.567683	0.908983
ENSG00000104919	ROR1	receptor ty	ENSG00000104919	23.00624	1.049005	1.15416	0.90889
ENSG000001079813	EHMT1	euchromat	ENSG000001079813	37.34822	-0.92477	1.017472	-0.90889
ENSG0000010206932			ENSG0000010206932	3.405935	2.723843	2.997794	0.908616
ENSG0000010250981			ENSG0000010250981	3.405935	2.723843	2.997794	0.908616
ENSG000001055363	HEMGN	hemogen	ENSG000001055363	3.405935	2.723843	2.997794	0.908616
ENSG000001010283	CWC27	CWC27 spl	ENSG000001010283	18.51717	-1.2324	1.356702	-0.90838
ENSG00000106143	RPL19	ribosomal	ENSG00000106143	385.3235	0.512667	0.564565	0.908074
ENSG000001055591	VEZT	vezatin, ad	ENSG000001055591	77.48288	0.678841	0.747728	0.907871
ENSG00000107005	TEAD3	TEA domai	ENSG00000107005	37.07293	-0.90949	1.001977	-0.90769
ENSG000001055809	TRERF1	transcripti	ENSG000001055809	11.09312	1.51349	1.667698	0.907533
ENSG00000101666	DECR1	2,4-dienoy	ENSG00000101666	206.5638	0.544019	0.599587	0.907324
ENSG000001011060	WWP2	WW doma	ENSG000001011060	41.3687	0.833945	0.91915	0.907301
ENSG00000102202	EFEMP1	EGF contai	ENSG00000102202	125.1076	-0.67393	0.742937	-0.90712
ENSG00000109961	MVP	major vaul	ENSG00000109961	56.67808	0.75782	0.835439	0.907093
ENSG00000105087	PBX1	PBX homec	ENSG00000105087	130.8128	-0.59779	0.659075	-0.90701
ENSG0000010401232	LINC01011	long interg	ENSG0000010401232	6.011489	1.883992	2.077511	0.906851
ENSG00000104795	NFKBIL1	NFKB inhib	ENSG00000104795	2.550625	-3.42372	3.775914	-0.90673
ENSG00000108323	FZD6	frizzled cla	ENSG00000108323	24.18248	-1.10709	1.220988	-0.90672
ENSG0000010523	ATP6V1A	ATPase H+	ENSG0000010523	50.5757	0.781216	0.861907	0.906382
ENSG00000105228	PGF	placental g	ENSG00000105228	6.473798	-2.16851	2.393239	-0.9061
ENSG00000108535	CBX4	chromobo	ENSG00000108535	6.473798	-2.16851	2.393239	-0.9061
ENSG000001010681	GNB5	G protein s	ENSG000001010681	9.950618	1.50592	1.662174	0.905994
ENSG000001010564	ARFGEF2	ADP ribosy	ENSG000001010564	215.2948	-0.53536	0.590949	-0.90593
ENSG000001051763	INPP5K	inositol pol	ENSG000001051763	29.43923	-1.01006	1.115585	-0.90541
ENSG00000106746	SSR2	signal sequ	ENSG00000106746	67.83463	0.709794	0.784124	0.905207
ENSG000001010365	KLF2	Kruppel lik	ENSG000001010365	21.60439	-1.1792	1.3027	-0.9052
ENSG000001023193	GANAB	glucosidas	ENSG000001023193	138.2843	-0.59319	0.655429	-0.90504
ENSG0000010149483	CCDC17	coiled-coil	ENSG0000010149483	2.466402	-3.37099	3.724755	-0.90502
ENSG0000010235066			ENSG0000010235066	2.466402	-3.37099	3.724755	-0.90502
ENSG000001079843	FAM124B	family with	ENSG000001079843	2.466402	-3.37099	3.724755	-0.90502
ENSG00000105158	PDE6B	phosphodi	ENSG00000105158	2.466402	-3.37099	3.724755	-0.90502
ENSG0000010237238			ENSG0000010237238	2.466402	-3.37099	3.724755	-0.90502
ENSG00000103070	HELLS	helicase, ly	ENSG00000103070	2.466402	-3.37099	3.724755	-0.90502
ENSG000001090141	EFCAB11	EF-hand ca	ENSG000001090141	2.466402	-3.37099	3.724755	-0.90502
ENSG0000010268201			ENSG0000010268201	2.466402	-3.37099	3.724755	-0.90502
ENSG0000010272578			ENSG0000010272578	2.466402	-3.37099	3.724755	-0.90502

ENSG0000I	ENSG00000231551			ENSG0000I	5.826695	1.995253	2.205436	0.904698	
ENSG0000I	ENSG0000I	51692	CPSF3	cleavage a	ENSG0000I	21.54947	1.071946	1.185256	0.904401
ENSG0000I	ENSG0000I	55113	XKR8	XK related	ENSG0000I	7.283466	1.727695	1.910685	0.904228
ENSG0000I	ENSG0000I	11344	TWF2	twinfilin ac	ENSG0000I	15.95543	-1.35684	1.501097	-0.9039
ENSG0000I	ENSG0000I	9282	MED14	mediator c	ENSG0000I	42.09963	-0.85936	0.95106	-0.90358
ENSG0000I	ENSG0000I	10516	FBLN5	fibulin 5	ENSG0000I	126.6736	-0.61557	0.681296	-0.90353
ENSG0000I	ENSG0000I	23446	SLC44A1	solute carr	ENSG0000I	93.47611	0.639099	0.707533	0.903279
ENSG0000I	ENSG0000I	10217	CTDSPL	CTD small j	ENSG0000I	83.97747	0.658558	0.729099	0.903249
ENSG0000I	ENSG0000I	1267	CNP	2',3'-cyclic	ENSG0000I	31.81618	-0.96306	1.066814	-0.90274
ENSG0000I	ENSG0000I	51719	CAB39	calcium bir	ENSG0000I	138.2582	0.580234	0.643119	0.90222
ENSG0000I	ENSG0000I	3913	LAMB2	laminin sul	ENSG0000I	481.2025	-0.47441	0.525848	-0.90218
ENSG0000I	ENSG0000I	79848	CSPP1	centrosom	ENSG0000I	29.17649	-0.99659	1.105485	-0.9015
ENSG0000I	ENSG0000I	23473	CAPN7	calpain 7	ENSG0000I	50.06774	-0.81879	0.90831	-0.90144
ENSG0000I	ENSG0000I	388531	RGS9BP	regulator c	ENSG0000I	6.428547	-2.15019	2.385306	-0.90143
ENSG0000I	ENSG0000I	6152	RPL24	ribosomal j	ENSG0000I	206.6857	0.540705	0.59988	0.901355
ENSG0000I	ENSG0000I	101927186	ADGRL3-A	adhesion C	ENSG0000I	9.690491	-1.69143	1.87717	-0.90106
ENSG0000I	ENSG0000I	2619	GAS1	growth arr	ENSG0000I	15.83224	-1.34417	1.491866	-0.901
ENSG0000I	ENSG0000I	7757	ZNF208	zinc finger	ENSG0000I	18.71831	-1.24745	1.384556	-0.90097
ENSG0000I	ENSG0000I	1312	COMT	catechol-O	ENSG0000I	21.19583	-1.14857	1.275463	-0.90051
ENSG0000I	ENSG0000I	126	ADH1C	alcohol del	ENSG0000I	6.642244	-2.21338	2.458015	-0.90048
ENSG0000I	ENSG0000I	4647	MYO7A	myosin VII	ENSG0000I	16.97174	1.201541	1.334431	0.900414
ENSG0000I	ENSG0000I	952	CD38	CD38 mole	ENSG0000I	22.12229	-1.23082	1.36732	-0.90017
ENSG0000I	ENSG0000I	23085	ERC1	ELKS/RAB6	ENSG0000I	160.0981	-0.57188	0.635485	-0.89992
ENSG0000I	ENSG0000I	404636	FAM45A	family with	ENSG0000I	21.61107	1.064377	1.183779	0.899135
ENSG0000I	ENSG0000I	55803	ADAP2	ArfGAP wit	ENSG0000I	11.0378	1.503092	1.671808	0.899082
ENSG0000I	ENSG0000I	158219	TTC39B	tetratricop	ENSG0000I	14.22036	1.275944	1.41917	0.899078
ENSG0000I	ENSG0000I	3005	H1FO	H1 histone	ENSG0000I	49.60386	-0.80429	0.89483	-0.89882
ENSG0000I	ENSG0000I	26145	IRF2BP1	interferon	ENSG0000I	6.389575	-2.1451	2.386869	-0.89871
ENSG0000I	ENSG0000I	79180	EFHD2	EF-hand dc	ENSG0000I	17.09493	1.181549	1.314993	0.898521
ENSG0000I	ENSG0000I	647286	RD3L	retinal deg	ENSG0000I	11.38476	1.41809	1.578321	0.89848
ENSG0000I	ENSG0000I	9913	SUPT7L	SPT7 like, S	ENSG0000I	39.45995	-0.87624	0.975611	-0.89814
ENSG0000I	ENSG0000I	79983	POF1B	POF1B, act	ENSG0000I	6.933886	-2.28263	2.541576	-0.89812
ENSG0000I	ENSG0000I	5154	PDGFA	platelet de	ENSG0000I	25.52129	1.061058	1.181839	0.897802
ENSG0000I	ENSG0000I	65260	COA7	cytochrom	ENSG0000I	18.4166	-1.22493	1.364773	-0.89753
ENSG0000I	ENSG00000230084				ENSG0000I	2.443776	-3.35027	3.732826	-0.89752
ENSG0000I	ENSG00000236197				ENSG0000I	2.443776	-3.35027	3.732826	-0.89752
ENSG0000I	ENSG00000253227				ENSG0000I	2.443776	-3.35027	3.732826	-0.89752
ENSG0000I	ENSG00000256672				ENSG0000I	2.443776	-3.35027	3.732826	-0.89752
ENSG0000I	ENSG0000I	79070	KDEL1	KDEL motif	ENSG0000I	2.443776	-3.35027	3.732826	-0.89752
ENSG0000I	ENSG00000279026				ENSG0000I	2.443776	-3.35027	3.732826	-0.89752
ENSG0000I	ENSG0000I	400456	LINC01197	long interg	ENSG0000I	2.443776	-3.35027	3.732826	-0.89752
ENSG0000I	ENSG00000228274				ENSG0000I	2.443776	-3.35027	3.732826	-0.89752
ENSG0000I	ENSG0000I	139735	ZFP92	ZFP92 zinc	ENSG0000I	2.443776	-3.35027	3.732826	-0.89752
ENSG0000I	ENSG0000I	84886	C1orf198	chromosor	ENSG0000I	59.67361	-0.75332	0.839428	-0.89742
ENSG0000I	ENSG0000I	10493	VAT1	vesicle ami	ENSG0000I	69.85022	-0.72114	0.803652	-0.89733
ENSG0000I	ENSG0000I	56947	MFF	mitochond	ENSG0000I	68.20422	0.69652	0.776512	0.896986
ENSG0000I	ENSG0000I	25903	OLFML2B	olfactomec	ENSG0000I	7.345064	1.700319	1.895766	0.896903

ENSG0000I	ENSG0000I	81794	ADAMTS1C	ADAM met	ENSG0000I	7.345064	1.700319	1.895766	0.896903
ENSG0000I	ENSG0000I	9667	SAFB2	scaffold at	ENSG0000I	47.04839	-0.81874	0.913193	-0.89656
ENSG0000I	ENSG0000I	4189	DNAJB9	DnaJ heat s	ENSG0000I	50.73159	0.777308	0.867126	0.896419
ENSG0000I	ENSG0000I	65062	TMEM237	transmembr	ENSG0000I	19.66151	1.157336	1.291638	0.896022
ENSG0000I	ENSG0000I	2771	GNAI2	G protein s	ENSG0000I	140.1034	0.573008	0.639645	0.895822
ENSG0000I	ENSG0000I	4090	SMAD5	SMAD fam	ENSG0000I	98.81367	-0.63746	0.711687	-0.8957
ENSG0000I	ENSG0000I	83606	GUCD1	guanylyl cy	ENSG0000I	212.0909	-0.55138	0.615755	-0.89546
ENSG0000I	ENSG0000I	3488	IGFBP5	insulin like	ENSG0000I	443.4468	-0.50363	0.562542	-0.89528
ENSG0000I	ENSG0000I	5828	PEX2	peroxisom	ENSG0000I	38.40991	0.849549	0.948974	0.895229
ENSG0000I	ENSG0000I	8495	PPFIBP2	PPFIA bind	ENSG0000I	23.79655	-1.08234	1.209525	-0.89485
ENSG0000I	ENSG0000I	56113	PCDHGA2	protocadhe	ENSG0000I	18.37135	-1.218	1.361284	-0.89474
ENSG0000I	ENSG0000I	901	CCNG2	cyclin G2	ENSG0000I	25.74127	1.02154	1.141763	0.894704
ENSG0000I	ENSG0000I	4947	OAZ2	ornithine d	ENSG0000I	87.39008	0.644756	0.72077	0.894538
ENSG0000I	ENSG0000I	9978	RBX1	ring-box 1	ENSG0000I	23.15206	1.029392	1.150841	0.894469
ENSG0000I	ENSG0000I	79596	RNF219	ring finger	ENSG0000I	6.366949	-2.13575	2.387817	-0.89444
ENSG0000I	ENSG0000I	51196	PLCE1	phospholip	ENSG0000I	55.57964	-0.81137	0.907235	-0.89433
ENSG0000I	ENSG0000I	7461	CLIP2	CAP-Gly dc	ENSG0000I	12.66079	-1.45882	1.631226	-0.89431
ENSG0000I	ENSG0000I	5728	PTEN	phosphata	ENSG0000I	212.8134	0.524383	0.586498	0.894093
ENSG0000I	ENSG0000I	3280	HES1	hes family	ENSG0000I	15.59212	-1.32438	1.48227	-0.89348
ENSG0000I	ENSG0000I	85451	UNK	unkempt f	ENSG0000I	15.59212	-1.32438	1.48227	-0.89348
ENSG0000I	ENSG0000I	8100	IFT88	intraflagell	ENSG0000I	18.65227	1.134042	1.269457	0.893328
ENSG0000I	ENSG0000I	517	ATP5MC2	ATP syntha	ENSG0000I	146.7991	0.563139	0.630421	0.893274
ENSG0000I	ENSG0000I	81669	CCNL2	cyclin L2	ENSG0000I	62.28688	-0.74919	0.838822	-0.89315
ENSG0000I	ENSG0000I	56910	STARD7	StAR relate	ENSG0000I	319.8948	-0.49405	0.553196	-0.89308
ENSG0000I	ENSG0000I	23774	BRD1	bromodom	ENSG0000I	23.81917	-1.08501	1.215071	-0.89296
ENSG0000I	ENSG0000I	221692	PHACTR1	phosphata	ENSG0000I	224.2206	-0.5246	0.587624	-0.89275
ENSG0000I	ENSG0000I	83607	AMMECR1	AMMECR1	ENSG0000I	29.0533	-0.98943	1.108297	-0.89275
ENSG0000I	ENSG0000I	2635	GBP3	guanylate l	ENSG0000I	29.23182	0.935937	1.048433	0.892701
ENSG0000I	ENSG0000I	9265	CYTH3	cytohesin	ENSG0000I	52.41578	-0.79779	0.893784	-0.8926
ENSG0000I	ENSG0000I	10983	CCNI	cyclin I	ENSG0000I	351.2242	-0.5174	0.579669	-0.89258
ENSG0000I	ENSG0000I	145567	TTC7B	tetratricop	ENSG0000I	39.35937	-0.87246	0.977478	-0.89256
ENSG0000I	ENSG0000I	9782	MATR3	matrin 3	ENSG0000I	26.41361	-1.0296	1.153539	-0.89256
ENSG0000I	ENSG0000I	64333	ARHGAP9	Rho GTPas	ENSG0000I	15.92575	3.572734	4.002843	0.892549
ENSG0000I	ENSG0000I	79731	NARS2	asparaginy	ENSG0000I	15.71611	1.221781	1.369059	0.892424
ENSG0000I	ENSG0000I	55100	WDR70	WD repeat	ENSG0000I	27.52865	0.970937	1.088569	0.891938
ENSG0000I	ENSG0000I	348235	SKA2	spindle anc	ENSG0000I	30.72756	0.923747	1.035826	0.891797
ENSG0000I	ENSG0000I	208	AKT2	AKT serine	ENSG0000I	84.56074	-0.67594	0.758133	-0.89158
ENSG0000I	ENSG0000I	8569	MKNK1	MAP kinas	ENSG0000I	46.22173	0.789835	0.885887	0.891575
ENSG0000I	ENSG0000I	7226	TRPM2	transient r	ENSG0000I	10.70719	1.608814	1.805344	0.89114
ENSG0000I	ENSG0000I	10237	SLC35B1	solute carr	ENSG0000I	30.77281	0.916115	1.028124	0.891055
ENSG0000I	ENSG0000I	145389	SLC38A6	solute carr	ENSG0000I	6.073087	1.848885	2.075234	0.890929
ENSG0000I	ENSG0000I	515	ATP5PB	ATP syntha	ENSG0000I	294.8156	0.527958	0.593059	0.890228
ENSG0000I	ENSG0000I	9655	SOCS5	suppressor	ENSG0000I	46.90257	-0.8128	0.913089	-0.89016
ENSG0000I	ENSG0000I	84061	MAGT1	magnesiun	ENSG0000I	106.3459	0.617078	0.693362	0.889979
ENSG0000I	ENSG0000I	10194	TSHZ1	teashirt zin	ENSG0000I	41.85324	-0.84917	0.954204	-0.88992
ENSG0000I	ENSG0000I	84233	TMEM126	transmembr	ENSG0000I	27.75242	0.952264	1.070146	0.889845
ENSG0000I	ENSG0000I	5442	POLRMT	RNA polym	ENSG0000I	12.63817	-1.45384	1.634004	-0.88974

ENSG0000026173	INTS1	integrator	ENSG0000036.85923	-0.89682	1.007989	-0.88972
ENSG0000022993	HMGXB3	HMG-box c	ENSG0000039.31412	-0.8692	0.977228	-0.88945
ENSG000006525	SMTN	smoothelir	ENSG0000072.01347	-0.70492	0.792554	-0.88943
ENSG00000143570	XRRA1	X-ray radia	ENSG0000018.57433	1.137396	1.279276	0.889094
ENSG00000152926	PPM1K	protein ph	ENSG00000674.1024	-0.47101	0.529971	-0.88875
ENSG00000516	ATP5MC1	ATP syntha	ENSG0000087.09216	0.655019	0.737299	0.888403
ENSG0000057582	KCNT1	potassium	ENSG000006.590716	-2.18458	2.459195	-0.88833
ENSG000000279133			ENSG000006.327977	-2.1306	2.398628	-0.88826
ENSG0000079677	SMC6	structural r	ENSG0000031.62511	-0.95035	1.070072	-0.88812
ENSG000003077	HFE	homeostat	ENSG0000014.32093	1.262103	1.421359	0.887955
ENSG0000025963	TMEM87A	transmembr	ENSG0000038.41619	0.844942	0.951915	0.887624
ENSG000000250497			ENSG000006.46752	-2.15567	2.428632	-0.88761
ENSG0000011273	ATXN2L	ataxin 2 lik	ENSG0000054.40679	-0.76966	0.867489	-0.88723
ENSG0000054847	SIDT1	SID1 transr	ENSG000004.493119	2.355044	2.654388	0.887227
ENSG0000011027	LILRA2	leukocyte i	ENSG000004.493119	2.355044	2.654388	0.887227
ENSG0000055140	ELP3	elongator 3	ENSG0000046.27705	0.790065	0.890668	0.887048
ENSG000005986	RFNG	RFNG O-fu	ENSG000006.305352	-2.12118	2.392417	-0.88663
ENSG00000139324	HDX	highly dive	ENSG000006.305352	-2.12118	2.392417	-0.88663
ENSG0000080309	SPHKAP	SPHK1 inte	ENSG00000318.3107	0.489012	0.551558	0.8866
ENSG000002539	G6PD	glucose-6-p	ENSG000009.704226	1.584596	1.788267	0.886107
ENSG0000051108	METTL9	methyltran	ENSG0000044.80393	0.791613	0.893376	0.886092
ENSG000005396	PRRX1	paired rela	ENSG0000090.4004	0.641169	0.723642	0.886031
ENSG0000055681	SCYL2	SCY1 like p	ENSG0000076.4246	0.663738	0.749209	0.885919
ENSG000000225313			ENSG0000018.69752	1.1195	1.263927	0.885732
ENSG00000114904	C1QTNF6	C1q and TNF	ENSG000003.613354	2.378659	2.685551	0.885725
ENSG0000055366	LGR4	leucine ric	ENSG0000059.3103	-0.74363	0.839578	-0.88571
ENSG000009412	MED21	mediator c	ENSG0000033.9164	0.87732	0.990707	0.885549
ENSG000007283	TUBG1	tubulin gar	ENSG0000017.17288	1.178055	1.330373	0.885507
ENSG000002648	KAT2A	lysine acet	ENSG0000018.24816	-1.20697	1.363045	-0.88549
ENSG000007171	TPM4	tropomyos	ENSG00000233.7414	0.516962	0.583885	0.885384
ENSG000002767	GNA11	G protein s	ENSG0000031.56351	-0.94702	1.069741	-0.88528
ENSG000004017	LOXL2	lysyl oxida	ENSG000009.706839	-1.68878	1.907635	-0.88527
ENSG0000057176	VARS2	valyl-tRNA	ENSG0000018.37763	-1.22281	1.38137	-0.88521
ENSG00000282973	JAKMIP3	Janus kina	ENSG000006.405922	-2.14112	2.4198	-0.88483
ENSG0000056474	CTPS2	CTP syntha	ENSG0000012.57657	-1.44606	1.635027	-0.88443
ENSG00000101927179	LOC101927	uncharacte	ENSG000007.322439	1.727499	1.953401	0.884354
ENSG00000285195	SLC9A9	solute carr	ENSG0000019.53832	1.175133	1.328811	0.884349
ENSG00000115	ADCY9	adenylate c	ENSG00000113.054	-0.60778	0.687513	-0.88402
ENSG000007818	DAP3	death asso	ENSG0000090.35894	0.646071	0.731264	0.883498
ENSG000001795	DOCK3	dedicator c	ENSG0000034.11897	-0.9152	1.035887	-0.8835
ENSG0000011006	LILRB4	leukocyte i	ENSG0000010.9762	1.521089	1.722142	0.883254
ENSG00000100873995	KCND3-AS	KCND3 ant	ENSG000002.382178	-3.31558	3.755416	-0.88288
ENSG00000100996251	LOC100996	uncharacte	ENSG000002.382178	-3.31558	3.755416	-0.88288
ENSG0000064858	DCLRE1B	DNA cross-	ENSG000002.382178	-3.31558	3.755416	-0.88288
ENSG00000100130691	LOC100130	uncharacte	ENSG000002.382178	-3.31558	3.755416	-0.88288
ENSG0000050853	VILL	villin like	ENSG000002.382178	-3.31558	3.755416	-0.88288
ENSG00000101927056	LINC02614	long interg	ENSG000002.382178	-3.31558	3.755416	-0.88288

ENSG0000I	ENSG0000I	646600	IGF2BP2-A	IGF2BP2 ar	ENSG0000I	2.382178	-3.31558	3.755416	-0.88288
ENSG0000I	ENSG000000250938				ENSG0000I	2.382178	-3.31558	3.755416	-0.88288
ENSG0000I	ENSG0000I	387111	LINC00222	long interg	ENSG0000I	2.382178	-3.31558	3.755416	-0.88288
ENSG0000I	ENSG000000254538				ENSG0000I	2.382178	-3.31558	3.755416	-0.88288
ENSG0000I	ENSG000000250569				ENSG0000I	2.382178	-3.31558	3.755416	-0.88288
ENSG0000I	ENSG0000I	6835	SURF2	surfeit 2	ENSG0000I	2.382178	-3.31558	3.755416	-0.88288
ENSG0000I	ENSG0000I	84858	ZNF503	zinc finger	ENSG0000I	2.382178	-3.31558	3.755416	-0.88288
ENSG0000I	ENSG000000247934				ENSG0000I	2.382178	-3.31558	3.755416	-0.88288
ENSG0000I	ENSG0000I	123103	KLHL33	kelch like f	ENSG0000I	2.382178	-3.31558	3.755416	-0.88288
ENSG0000I	ENSG0000I	101928988	LOC101928	uncharacte	ENSG0000I	2.382178	-3.31558	3.755416	-0.88288
ENSG0000I	ENSG000000259276				ENSG0000I	2.382178	-3.31558	3.755416	-0.88288
ENSG0000I	ENSG0000I	145820	LINC00924	long interg	ENSG0000I	2.382178	-3.31558	3.755416	-0.88288
ENSG0000I	ENSG0000I	4913	NTHL1	nth like DN	ENSG0000I	2.382178	-3.31558	3.755416	-0.88288
ENSG0000I	ENSG000000279129				ENSG0000I	2.382178	-3.31558	3.755416	-0.88288
ENSG0000I	ENSG0000I	101954271	RNU6-9	RNA, U6 sn	ENSG0000I	2.382178	-3.31558	3.755416	-0.88288
ENSG0000I	ENSG0000I	101927599	ZNF529-AS	ZNF529 an	ENSG0000I	2.382178	-3.31558	3.755416	-0.88288
ENSG0000I	ENSG0000I	7673	ZNF222	zinc finger	ENSG0000I	2.382178	-3.31558	3.755416	-0.88288
ENSG0000I	ENSG0000I	3761	KCNJ4	potassium	ENSG0000I	2.382178	-3.31558	3.755416	-0.88288
ENSG0000I	ENSG0000I	5167	ENPP1	ectonucleo	ENSG0000I	9.54467	-1.66509	1.886082	-0.88283
ENSG0000I	ENSG0000I	222255	ATXN7L1	ataxin 7 lik	ENSG0000I	9.54467	-1.66509	1.886082	-0.88283
ENSG0000I	ENSG0000I	5478	PPIA	peptidylpr	ENSG0000I	174.4869	0.538407	0.609884	0.882803
ENSG0000I	ENSG0000I	7098	TLR3	toll like rec	ENSG0000I	11.53059	1.372337	1.554937	0.882567
ENSG0000I	ENSG0000I	25948	KBTBD2	kelch repe	ENSG0000I	71.54331	-0.69343	0.785833	-0.88242
ENSG0000I	ENSG0000I	4330	MN1	MN1 proto	ENSG0000I	15.9944	-1.35966	1.541092	-0.88227
ENSG0000I	ENSG0000I	100288142	NBPF20	NBPF mem	ENSG0000I	2.404804	-3.33667	3.782282	-0.88218
ENSG0000I	ENSG0000I	59352	LGR6	leucine ric	ENSG0000I	2.404804	-3.33667	3.782282	-0.88218
ENSG0000I	ENSG000000279862				ENSG0000I	2.404804	-3.33667	3.782282	-0.88218
ENSG0000I	ENSG0000I	6423	SFRP2	secreted fr	ENSG0000I	2.404804	-3.33667	3.782282	-0.88218
ENSG0000I	ENSG0000I	154442	BVES-AS1	BVES antis	ENSG0000I	2.404804	-3.33667	3.782282	-0.88218
ENSG0000I	ENSG0000I	401398	POT1-AS1	POT1 antis	ENSG0000I	2.404804	-3.33667	3.782282	-0.88218
ENSG0000I	ENSG0000I	5820	PVT1	Pvt1 oncog	ENSG0000I	2.404804	-3.33667	3.782282	-0.88218
ENSG0000I	ENSG0000I	340385	ZNF517	zinc finger	ENSG0000I	2.404804	-3.33667	3.782282	-0.88218
ENSG0000I	ENSG0000I	6712	SPTBN2	spectrin be	ENSG0000I	2.404804	-3.33667	3.782282	-0.88218
ENSG0000I	ENSG0000I	374462	PTPRQ	protein tyr	ENSG0000I	2.404804	-3.33667	3.782282	-0.88218
ENSG0000I	ENSG000000260300				ENSG0000I	2.404804	-3.33667	3.782282	-0.88218
ENSG0000I	ENSG0000I	57555	NLGN2	neuroligin	ENSG0000I	15.4463	-1.3075	1.482234	-0.88212
ENSG0000I	ENSG0000I	284716	RIMKLA	ribosomal	ENSG0000I	23.6281	-1.06823	1.211037	-0.88208
ENSG0000I	ENSG0000I	290	ANPEP	alanyl amir	ENSG0000I	12.94838	1.2993	1.473284	0.881907
ENSG0000I	ENSG0000I	116832	RPL39L	ribosomal	ENSG0000I	3.42856	2.613027	2.963355	0.88178
ENSG0000I	ENSG000000279670				ENSG0000I	3.42856	2.613027	2.963355	0.88178
ENSG0000I	ENSG0000I	105371251	LOC105371	uncharacte	ENSG0000I	3.42856	2.613027	2.963355	0.88178
ENSG0000I	ENSG0000I	675	BRCA2	BRCA2, DN	ENSG0000I	7.098673	1.814935	2.058276	0.881774
ENSG0000I	ENSG0000I	57724	EPG5	ectopic P-g	ENSG0000I	103.7826	-0.62908	0.713573	-0.88159
ENSG0000I	ENSG0000I	81929	SEH1L	SEH1 like n	ENSG0000I	21.07891	-1.14308	1.297068	-0.88128
ENSG0000I	ENSG0000I	23786	BCL2L13	BCL2 like 1	ENSG0000I	192.0395	-0.55519	0.630389	-0.88071
ENSG0000I	ENSG0000I	9550	ATP6V1G1	ATPase H+	ENSG0000I	61.55125	0.736804	0.837011	0.88028
ENSG0000I	ENSG0000I	5702	PSMC3	proteasom	ENSG0000I	102.144	0.609086	0.692015	0.880164

ENSG00000148479	PHF13	PHD finger	ENSG00000163502	6.350602	-2.13964	2.432363	-0.87966
ENSG00000164805	P2RY12	purinergic	ENSG00000163502	4.823734	2.034417	2.313921	0.879208
ENSG00000184984	CEP19	centrosom	ENSG00000163502	4.823734	2.034417	2.313921	0.879208
ENSG000001891	CCNB1	cyclin B1	ENSG00000163502	4.823734	2.034417	2.313921	0.879208
ENSG00000186354			ENSG00000163502	4.823734	2.034417	2.313921	0.879208
ENSG00000155364	IMPACT	impact RW	ENSG00000163502	26.40733	-1.02626	1.167265	-0.8792
ENSG0000018575	PRKRA	protein act	ENSG00000163502	40.20357	0.817871	0.930316	0.879132
ENSG0000011400	CRMP1	collapsin r	ENSG00000163502	9.583643	-1.66872	1.899799	-0.87837
ENSG00000193611	FBXO44	F-box prot	ENSG00000163502	6.243754	-2.10647	2.399153	-0.87801
ENSG000001389114	ZNF662	zinc finger	ENSG00000163502	6.243754	-2.10647	2.399153	-0.87801
ENSG0000018732	RNGTT	RNA guany	ENSG00000163502	24.77728	0.987345	1.124997	0.877642
ENSG00000151528	JKAMP	JNK1/MAP	ENSG00000163502	24.77728	0.987345	1.124997	0.877642
ENSG0000019464	HAND2	heart and r	ENSG00000163502	28.86222	-0.97553	1.111868	-0.87738
ENSG00000181579	PLA2G12A	phospholip	ENSG00000163502	72.62357	0.698097	0.795825	0.877199
ENSG00000123246	BOP1	block of pr	ENSG00000163502	6.266379	-2.11594	2.412648	-0.87702
ENSG000001269825			ENSG00000163502	6.266379	-2.11594	2.412648	-0.87702
ENSG000001382	ARF6	ADP ribosy	ENSG00000163502	55.92151	0.727511	0.829822	0.876707
ENSG0000011762	DMWD	DM1 locus,	ENSG00000163502	26.41989	-1.03282	1.178252	-0.87657
ENSG0000014673	NAP1L1	nucleosom	ENSG00000163502	256.0006	0.497006	0.567159	0.876307
ENSG0000011785	DNM2	dynamamin 2	ENSG00000163502	146.4584	-0.56266	0.642381	-0.8759
ENSG0000017280	TUBB2A	tubulin bet	ENSG00000163502	6.282726	-2.11173	2.411013	-0.87587
ENSG000001279377			ENSG00000163502	6.282726	-2.11173	2.411013	-0.87587
ENSG0000011678	TIMM8A	translocase	ENSG00000163502	6.282726	-2.11173	2.411013	-0.87587
ENSG000001100505696	SH3BP5-AS	SH3BP5 an	ENSG00000163502	9.483072	-1.65502	1.889653	-0.87583
ENSG00000157533	TBC1D14	TBC1 dom	ENSG00000163502	52.85587	0.739435	0.844418	0.875675
ENSG00000110769	PLK2	polo like ki	ENSG00000163502	50.78298	-0.85095	0.972244	-0.87524
ENSG00000155012	PPP2R3C	protein ph	ENSG00000163502	11.55321	1.358432	1.552218	0.875156
ENSG00000154726	OTUD4	OTU deubi	ENSG00000163502	101.6357	-0.63831	0.729739	-0.87471
ENSG00000122928	SEPHS2	selenopho	ENSG00000163502	15.3847	-1.30103	1.487385	-0.87471
ENSG000001153769	SH3RF2	SH3 domai	ENSG00000163502	178.0265	0.533221	0.609657	0.874626
ENSG00000184896	ATAD1	ATPase fan	ENSG00000163502	116.7748	0.584831	0.66891	0.874304
ENSG0000016231	RPS26	ribosomal	ENSG00000163502	110.5641	0.624444	0.7143	0.874205
ENSG0000016642	SNX1	sorting nex	ENSG00000163502	139.1578	-0.5691	0.65105	-0.87413
ENSG0000018667	EIF3H	eukaryotic	ENSG00000163502	113.5696	0.588653	0.673471	0.874058
ENSG0000013301	DNAJA1	DnaJ heat	ENSG00000163502	97.44937	0.612425	0.700693	0.874028
ENSG000001376497	SLC27A1	solute carr	ENSG00000163502	39.02876	-0.85722	0.981244	-0.8736
ENSG00000184901	NFATC2IP	nuclear fac	ENSG00000163502	31.33974	-0.9357	1.071992	-0.87286
ENSG000001144404	TMEM120I	transmembr	ENSG00000163502	15.44002	-1.30168	1.491471	-0.87275
ENSG00000153827	FXYS5	FXYS dom	ENSG00000163502	27.79767	0.943668	1.081722	0.872375
ENSG0000015311	PKD2	polycystin	ENSG00000163502	51.83498	-0.78118	0.895543	-0.8723
ENSG000001272356			ENSG00000163502	2.696446	-3.50406	4.017554	-0.87219
ENSG00000110527	IPO7	importin 7	ENSG00000163502	265.2894	0.498762	0.571976	0.871999
ENSG00000123336	SYNM	synemin	ENSG00000163502	426.7599	-0.4721	0.541403	-0.87199
ENSG00000110581	IFITM2	interferon	ENSG00000163502	127.3116	0.584012	0.669807	0.87191
ENSG0000015834	PYGB	glycogen p	ENSG00000163502	271.5363	0.497761	0.571014	0.871714
ENSG00000123645	PPP1R15A	protein ph	ENSG00000163502	90.9273	-0.63891	0.733018	-0.87162
ENSG0000011069	CETN2	centrin 2	ENSG00000163502	20.31646	1.072099	1.230658	0.871159

ENSG0000010417	SPON2	spondin 2	ENSG0000010417	8.717613	1.575195	1.808273	0.871105
ENSG0000011454	CSNK1E	casein kina	ENSG0000011454	73.68394	-0.67772	0.778548	-0.8705
ENSG0000015111	PCNA	proliferatir	ENSG0000015111	14.42778	1.229615	1.412737	0.870377
ENSG00000154822	TRPM7	transient r	ENSG00000154822	206.8696	-0.60111	0.690785	-0.87019
ENSG0000013991	LIPE	lipase E, hc	ENSG0000013991	6.221128	-2.09687	2.410757	-0.8698
ENSG0000012117	ETV3	ETS variant	ENSG0000012117	38.96716	-0.85448	0.982741	-0.86949
ENSG0000019053	MAP7	microtubul	ENSG0000019053	4.801109	2.087553	2.401411	0.869303
ENSG000001285908	LINC00174	long interg	ENSG000001285908	7.46826	1.646803	1.89494	0.869053
ENSG00000110971	YWHAQ	tyrosine 3-	ENSG00000110971	133.4982	0.58148	0.669216	0.868896
ENSG0000013625	INHBB	inhibin sub	ENSG0000013625	9.460447	-1.64847	1.897206	-0.86889
ENSG00000157697	FANCM	FA comple	ENSG00000157697	9.528322	-1.66779	1.919474	-0.86888
ENSG0000015122	PCSK1	proprotein	ENSG0000015122	6.182156	-2.09161	2.408142	-0.86856
ENSG00000153635	PTOV1	prostate tu	ENSG00000153635	12.81289	-1.48518	1.710434	-0.8683
ENSG0000016749	SSRP1	structure s	ENSG0000016749	56.37897	-0.73961	0.851924	-0.86817
ENSG0000014154	MBNL1	muscleblin	ENSG0000014154	381.5611	0.466782	0.537708	0.868096
ENSG0000014771	NF2	neurofibro	ENSG0000014771	82.24539	-0.68461	0.788645	-0.86809
ENSG0000017704	ZBTB16	zinc finger	ENSG0000017704	187.5958	-0.53775	0.619694	-0.86777
ENSG00000184461	NEURL4	neuralized	ENSG00000184461	18.04074	-1.18671	1.368321	-0.86727
ENSG0000015523	PPP2R3A	protein ph	ENSG0000015523	156.289	0.559758	0.645426	0.867269
ENSG000001140775	SMCR8	Smith-Mag	ENSG000001140775	56.35635	-0.73848	0.851578	-0.86719
ENSG00000111040	PIM2	Pim-2 prot	ENSG00000111040	12.5172	1.398603	1.612896	0.867138
ENSG00000156097	PCDHGC5	protocadh	ENSG00000156097	9.612545	-1.68385	1.941887	-0.86712
ENSG00000154862	CC2D1A	coiled-coil	ENSG00000154862	20.74202	-1.1114	1.282411	-0.86665
ENSG000001191	AHCY	adenosylh	ENSG000001191	46.82842	-0.80702	0.931392	-0.86647
ENSG0000011616	DAXX	death dom	ENSG0000011616	23.42068	-1.05232	1.21478	-0.86626
ENSG0000017486	WRN	Werner syr	ENSG0000017486	12.58285	-1.45291	1.6773	-0.86622
ENSG00000123266	ADGRL2	adhesion G	ENSG00000123266	144.2436	-0.56684	0.654387	-0.86622
ENSG00000183756	TAS1R3	taste 1 rec	ENSG00000183756	2.320581	-3.28005	3.78802	-0.8659
ENSG000001339524	LINC01140	long interg	ENSG000001339524	2.320581	-3.28005	3.78802	-0.8659
ENSG0000010253042			ENSG0000010253042	2.320581	-3.28005	3.78802	-0.8659
ENSG0000010237892			ENSG0000010237892	2.320581	-3.28005	3.78802	-0.8659
ENSG00000125845	PP7080	uncharacte	ENSG00000125845	2.320581	-3.28005	3.78802	-0.8659
ENSG0000010250853			ENSG0000010250853	2.320581	-3.28005	3.78802	-0.8659
ENSG000001728769	SCAMP1-A	SCAMP1 ar	ENSG000001728769	2.320581	-3.28005	3.78802	-0.8659
ENSG0000010244055			ENSG0000010244055	2.320581	-3.28005	3.78802	-0.8659
ENSG000001113655	MFSD3	major facil	ENSG000001113655	2.320581	-3.28005	3.78802	-0.8659
ENSG0000010257022			ENSG0000010257022	2.320581	-3.28005	3.78802	-0.8659
ENSG000001221143	EEF1AKMT	EEF1A lysir	ENSG000001221143	2.320581	-3.28005	3.78802	-0.8659
ENSG00000151310	SLC22A17	solute carr	ENSG00000151310	2.320581	-3.28005	3.78802	-0.8659
ENSG0000017023	TFAP4	transcripti	ENSG0000017023	2.320581	-3.28005	3.78802	-0.8659
ENSG0000010225442			ENSG0000010225442	2.320581	-3.28005	3.78802	-0.8659
ENSG0000010279089			ENSG0000010279089	2.320581	-3.28005	3.78802	-0.8659
ENSG000001147276	C18orf15	chromosor	ENSG000001147276	2.320581	-3.28005	3.78802	-0.8659
ENSG000001399664	MEX3D	mex-3 RNA	ENSG000001399664	2.320581	-3.28005	3.78802	-0.8659
ENSG000001388552	BLOC1S3	biogenesis	ENSG000001388552	2.320581	-3.28005	3.78802	-0.8659
ENSG000001730	C7	compleme	ENSG000001730	1223.57	-1.67476	1.936676	-0.86476
ENSG0000011676	DFFA	DNA fragm	ENSG0000011676	36.44439	-0.8759	1.012952	-0.8647

ENSG00000139341	FUNDC1	FUN14 dor	ENSG000001290313	1.322591	1.529811	0.864545
ENSG00000132789	GNPDA2	glucosamir	ENSG0000012078727	-1.11756	1.292767	-0.86447
ENSG00000155824	PAG1	phosphopr	ENSG0000017056861	0.664032	0.76821	0.864389
ENSG00000157515	SERINC1	serine inco	ENSG0000013541851	0.469641	0.543347	0.864348
ENSG000001415116	PIM3	Pim-3 prot	ENSG0000012338171	-1.05067	1.215585	-0.86434
ENSG000001103344931	LOC103344	uncharacte	ENSG0000011259292	-1.44411	1.670972	-0.86423
ENSG00000155219	MACO1	macoilin 1	ENSG0000013119392	-0.9269	1.072585	-0.86417
ENSG00000151318	MRPL35	mitochond	ENSG0000019582651	0.659579	0.763262	0.864158
ENSG00000153	ACP2	acid phosp	ENSG0000012348268	0.989525	1.145104	0.864135
ENSG0000016236	RRAD	RRAD, Ras	ENSG0000014636454	-0.79155	0.916932	-0.86325
ENSG000001100505881	MAGI2-AS	MAGI2 ant	ENSG0000015872702	-0.72451	0.839307	-0.86322
ENSG00000157118	CAMK1D	calcium/ca	ENSG0000012884968	0.981616	1.1374	0.863035
ENSG000001283659	PRTG	protogenin	ENSG0000016159531	-2.08188	2.412383	-0.863
ENSG000001284252	KCTD1	potassium	ENSG0000016159531	-2.08188	2.412383	-0.863
ENSG000001147837	ZNF563	zinc finger	ENSG0000016159531	-2.08188	2.412383	-0.863
ENSG00000163977	PRDM15	PR/SET dor	ENSG0000016159531	-2.08188	2.412383	-0.863
ENSG0000011445	CSK	C-terminal	ENSG0000012196431	1.015386	1.177342	0.862439
ENSG000001257160	RNF214	ring finger	ENSG0000012502367	0.961788	1.115466	0.862229
ENSG00000154432	YIPF1	Yip1 doma	ENSG0000011748714	1.115629	1.294172	0.862041
ENSG0000019141	PDCD5	programm	ENSG0000014051156	0.798929	0.926832	0.862
ENSG000001148581	UBE2U	ubiquitin c	ENSG0000012690168	-3.48414	4.042234	-0.86194
ENSG000001654463	FER1L6	fer-1 like f	ENSG0000012690168	-3.48414	4.042234	-0.86194
ENSG0000012960	GTF2E1	general tra	ENSG0000011167641	1.327975	1.540763	0.861895
ENSG00000111338	U2AF2	U2 small n	ENSG0000014638716	-0.79292	0.920062	-0.86181
ENSG000001147694	ZNF548	zinc finger	ENSG0000012068042	-1.10646	1.284029	-0.86171
ENSG0000012217	FCGRT	Fc fragmer	ENSG0000016329692	0.774536	0.898981	0.861571
ENSG0000011540	CYLD	CYLD lysine	ENSG0000019954475	0.597917	0.694006	0.861545
ENSG000001653082	ZDHHC11B	zinc finger	ENSG0000011353951	-1.5643	1.815959	-0.86142
ENSG0000018899	PRPF4B	pre-mRNA	ENSG0000018553729	-0.63921	0.742279	-0.86114
ENSG0000018218	CLTCL1	clathrin he	ENSG0000012980254	-1.02927	1.195483	-0.86097
ENSG00000184876	ORAI1	ORAI calci	ENSG000001615731	1.779206	2.066695	0.860894
ENSG00000179879	CCDC134	coiled-coil	ENSG000001615731	1.779206	2.066695	0.860894
ENSG0000011355	COX15	cytochrom	ENSG0000014840133	0.748096	0.869179	0.860692
ENSG0000019985	REC8	REC8 meio	ENSG0000016095712	1.813078	2.10725	0.8604
ENSG0000016693	SPN	sialophorir	ENSG0000016095712	1.813078	2.10725	0.8604
ENSG00000179643	CHMP6	charged m	ENSG0000016095712	1.813078	2.10725	0.8604
ENSG000001163059	ZNF433	zinc finger	ENSG0000016095712	1.813078	2.10725	0.8604
ENSG00000155898	UNC45A	unc-45 my	ENSG000001249231	0.969625	1.127413	0.860044
ENSG00000164359	NXN	nucleoredc	ENSG0000019561018	-1.66254	1.933241	-0.85998
ENSG00000198	ACYP2	acylphosph	ENSG0000012960141	0.903857	1.051201	0.859833
ENSG00000123306	NEMP1	nuclear en	ENSG0000011297101	1.287792	1.498579	0.859342
ENSG000001594	BCKDHB	branched c	ENSG0000014523512	0.767959	0.893681	0.859321
ENSG0000012628	GATM	glycine am	ENSG0000012342696	-1.05612	1.229086	-0.85927
ENSG00000179595	SAP130	Sin3A asso	ENSG0000013137244	-0.93425	1.087402	-0.85915
ENSG0000013824	KLRD1	killer cell l	ENSG0000018863434	1.511692	1.759887	0.858971
ENSG00000153615	MBD3	methyl-Cp	ENSG0000011233018	-1.41451	1.647758	-0.85845
ENSG00000180150	ASRGL1	asparagina	ENSG0000016120558	-2.07658	2.419583	-0.85824

ENSG0000013145	HMBS	hydroxyme	ENSG0000016.120558	-2.07658	2.419583	-0.85824
ENSG000001292	SLC25A5	solute carr	ENSG00000154.54896	0.723641	0.843247	0.85816
ENSG0000014776	NFATC4	nuclear fac	ENSG00000115.19363	-1.27547	1.486672	-0.85794
ENSG00000184067	FAM160A2	family with	ENSG00000123.54428	0.982733	1.145462	0.857936
ENSG00000155742	PARVA	parvin alph	ENSG000001111.9491	-0.5884	0.685911	-0.85784
ENSG00000123433	RHOQ	ras homolc	ENSG000001342.6854	0.47259	0.55104	0.857633
ENSG000001157695	TDRP	testis deve	ENSG0000017.490885	1.62108	1.891032	0.857246
ENSG0000014648	MYO7B	myosin VIII	ENSG0000019.337251	-1.62799	1.899672	-0.85698
ENSG00000165010	SLC26A6	solute carr	ENSG0000019.337251	-1.62799	1.899672	-0.85698
ENSG000001283335	LOC283335	uncharacte	ENSG0000019.337251	-1.62799	1.899672	-0.85698
ENSG0000011306	COL15A1	collagen ty	ENSG000001174.8977	-0.53594	0.625413	-0.85694
ENSG0000013181	HNRNPA2F	heterogen	ENSG000001335.7262	-0.47088	0.549755	-0.85652
ENSG0000015522	PPP2R2C	protein ph	ENSG00000110.32282	-1.78754	2.087018	-0.85651
ENSG0000011388	ATF6B	activating t	ENSG00000128.51526	-0.95588	1.11618	-0.85639
ENSG0000016515	SLC2A3	solute carr	ENSG000001119.1164	-0.57785	0.674778	-0.85635
ENSG00000179616	CCNJL	cyclin J like	ENSG0000018.886059	1.491866	1.742202	0.85631
ENSG0000019912	ARHGAP44	Rho GTPas	ENSG00000112.30755	-1.40937	1.645975	-0.85625
ENSG000001134429	STARD4	StAR relate	ENSG00000117.54874	1.106214	1.291992	0.856208
ENSG0000015253	PHF2	PHD finger	ENSG00000161.72374	-0.72816	0.850704	-0.85595
ENSG00000193134	ZNF561	zinc finger	ENSG00000126.62626	0.931375	1.0882	0.855886
ENSG00000129072	SETD2	SET domai	ENSG000001159.9885	-0.54087	0.632133	-0.85562
ENSG00000164374	SIL1	SIL1 nuclec	ENSG00000116.06935	1.150631	1.345032	0.855467
ENSG00000151248	PDZD11	PDZ domai	ENSG00000116.06935	1.150631	1.345032	0.855467
ENSG0000015550	PREP	prolyl endc	ENSG00000131.08707	-0.91934	1.074774	-0.85538
ENSG0000010276805			ENSG0000016.097933	-2.06676	2.416265	-0.85535
ENSG00000164782	AEN	apoptosis	ENSG0000016.097933	-2.06676	2.416265	-0.85535
ENSG00000155734	ZFP64	ZFP64 zinc	ENSG0000016.097933	-2.06676	2.416265	-0.85535
ENSG00000179896	THNSL1	threonine	ENSG00000110.25861	1.414608	1.654003	0.855263
ENSG0000018775	NAPA	NSF attach	ENSG00000128.16726	0.909936	1.063984	0.855216
ENSG0000019794	MAML1	mastermin	ENSG00000143.93855	-0.81301	0.950824	-0.85505
ENSG0000014294	MAP3K10	mitogen-ac	ENSG0000019.437822	-1.64204	1.920787	-0.85488
ENSG0000012132	EXT2	exostosin	ENSG00000151.42014	-0.76613	0.896199	-0.85486
ENSG00000122900	CARD8	caspase re	ENSG00000167.20753	0.677395	0.79254	0.854714
ENSG000001522	ATP5PF	ATP syntha	ENSG000001105.2135	0.609007	0.712732	0.854468
ENSG00000110980	COPS6	COP9 signa	ENSG00000138.65289	-0.83848	0.981542	-0.85425
ENSG00000126353	HSPB8	heat shock	ENSG000001370.2601	0.542432	0.635002	0.85422
ENSG0000019734	HDAC9	histone de	ENSG00000157.93894	0.700868	0.820681	0.854009
ENSG00000110160	FARP1	FERM, ARH	ENSG00000123.25851	-1.04181	1.220056	-0.85391
ENSG000001152302	CIDECP1	cell death i	ENSG0000016.218907	1.746334	2.045345	0.853809
ENSG00000151225	ABI3	ABI family	ENSG0000016.218907	1.746334	2.045345	0.853809
ENSG000001160760	PPTC7	PTC7 prote	ENSG000001122.806	-0.63422	0.743317	-0.85324
ENSG00000151389	RWDD1	RWD doma	ENSG00000151.39282	0.743413	0.871411	0.853115
ENSG00000183592	AKR1E2	aldo-keto r	ENSG0000016.260101	-2.10266	2.464809	-0.85307
ENSG000001151242	PPP1R1C	protein ph	ENSG00000129.663	0.89855	1.053705	0.852753
ENSG0000015286	PIK3C2A	phosphatic	ENSG000001193.9171	-0.52492	0.615572	-0.85273
ENSG0000013921	RPSA	ribosomal	ENSG000001180.2149	0.522811	0.613208	0.852584
ENSG0000016430	SRSF5	serine and	ENSG000001137.4735	-0.58275	0.683619	-0.85244

ENSG00000163943	FKBPL	FK506 bind	ENSG0000012343206	-3.30127	3.872814	-0.85242
ENSG00000278952			ENSG0000012343206	-3.30127	3.872814	-0.85242
ENSG00000359809	PEG13	paternally	ENSG000001494693	1.943894	2.280649	0.852343
ENSG00000100130827	SBK3	SH3 domai	ENSG000001494693	1.943894	2.280649	0.852343
ENSG00000140885	SIRPA	signal regu	ENSG0000015985057	0.740603	0.869056	0.852193
ENSG00000123522	KAT6B	lysine acet	ENSG0000011021974	-0.60044	0.704616	-0.85215
ENSG00000123304	UBR2	ubiquitin p	ENSG0000011547331	0.534418	0.627214	0.85205
ENSG0000012626	GATA4	GATA bind	ENSG0000018765529	-0.62686	0.735715	-0.85204
ENSG00000155749	CCAR1	cell divisio	ENSG0000016340676	-0.69811	0.819467	-0.8519
ENSG0000014704	NDUFA9	NADH:ubic	ENSG000001359728	0.825033	0.96872	0.851673
ENSG0000012045	EPHA7	EPH recept	ENSG0000017552483	1.595432	1.87341	0.851619
ENSG00000110023	FRAT1	FRAT1, W\	ENSG0000017552483	1.595432	1.87341	0.851619
ENSG00000183986	FAM234A	family with	ENSG0000012850898	-0.95274	1.119137	-0.85132
ENSG00000125998	IBTK	inhibitor of	ENSG0000011257243	0.556886	0.654211	0.851233
ENSG0000011017	CDK2	cyclin depe	ENSG0000019298278	-1.62434	1.908278	-0.85121
ENSG0000019666	DZIP3	DAZ intera	ENSG000001474359	0.807269	0.948412	0.85118
ENSG00000255135			ENSG0000016383297	-2.13278	2.505787	-0.85114
ENSG00000190007	MIDN	midnolin	ENSG00000143618	-0.7969	0.936433	-0.85099
ENSG00000155870	ASH1L	ASH1 like h	ENSG0000013588308	-0.46311	0.544296	-0.85085
ENSG00000126505	CNNM3	cyclin and	ENSG0000011226858	-1.40651	1.653245	-0.85076
ENSG0000019181	ARHGEF2	Rho/Rac gt	ENSG0000018857299	0.60998	0.717068	0.850659
ENSG000001862	RUNX1T1	RUNX1 tra	ENSG0000015107697	-0.75111	0.883072	-0.85057
ENSG0000014833	NME4	NME/NM2	ENSG0000012668786	0.92548	1.088111	0.850538
ENSG00000111235	PDCD10	programm	ENSG0000012822886	0.904395	1.063417	0.850462
ENSG00000157505	AARS2	alanyl-tRN	ENSG0000011509306	-1.26648	1.489345	-0.85036
ENSG00000179710	MORC4	MORC fam	ENSG0000011224595	-1.40135	1.648396	-0.85013
ENSG0000018991	SELENBP1	selenium b	ENSG0000016567033	0.68531	0.806141	0.850112
ENSG000001200942	KLHDC8B	kelch dom	ENSG0000015078691	0.776808	0.913854	0.850035
ENSG00000155339	WDR33	WD repeat	ENSG0000017571392	-0.66201	0.778977	-0.84984
ENSG0000013759	KCNJ2	potassium	ENSG0000019979977	0.632735	0.744874	0.849452
ENSG00000151776	MAP3K20	mitogen-ac	ENSG0000017663375	0.436726	0.514145	0.849424
ENSG000001100507098	ADAMTS9	ADAMTS9	ENSG0000011260547	-1.45735	1.715751	-0.8494
ENSG00000126128	KIF1BP	KIF1 bindir	ENSG0000015291119	0.739275	0.870419	0.849332
ENSG0000016251	RSU1	Ras suppre	ENSG0000016757712	0.664099	0.781994	0.849238
ENSG00000184254	CAMKK1	calcium/ca	ENSG0000011034283	1.381197	1.626453	0.849208
ENSG00000125827	FBXL2	F-box and	ENSG0000017529858	1.620404	1.908216	0.849172
ENSG00000123332	CLASP1	cytoplasm	ENSG0000011956442	-0.51573	0.607372	-0.84912
ENSG00000127247	NFU1	NFU1 iron-	ENSG000001375754	0.809226	0.953193	0.848963
ENSG00000110130	PDIA6	protein dis	ENSG0000017891846	0.630105	0.742381	0.848762
ENSG0000017326	UBE2G1	ubiquitin c	ENSG0000017688848	0.650998	0.76706	0.848693
ENSG000001119	ADD2	adducin 2	ENSG0000011228493	-1.40423	1.654638	-0.84866
ENSG00000129904	EEF2K	eukaryotic	ENSG00000192374	-0.61469	0.724347	-0.84862
ENSG00000150	ACO2	aconitase 2	ENSG0000014580121	-0.45886	0.541015	-0.84815
ENSG0000016323	SCN1A	sodium vol	ENSG0000012359553	-3.29465	3.885025	-0.84804
ENSG0000012745	GLRX	glutaredox	ENSG0000015018872	0.729624	0.86048	0.847927
ENSG000001643180	CCT6P3	chaperonir	ENSG000001605896	-2.06137	2.433365	-0.84713
ENSG000001729991	BORCS8	BLOC-1 rel	ENSG000001605896	-2.06137	2.433365	-0.84713

ENSG00000180342	TRAF3IP3	TRAF3 inte	ENSG0000016034114	1.848548	2.182505	0.846985
ENSG000001400931	MIRLET7B	MIRLET7B	ENSG0000016036335	-2.05149	2.422421	-0.84687
ENSG000001217	ALDH2	aldehyde d	ENSG000001133.9509	0.545804	0.644506	0.846857
ENSG0000019528	TMEM59	transmembr	ENSG000001136.955	0.546652	0.645521	0.846839
ENSG00000151251	NT5C3A	5'-nucleoti	ENSG00000122.1491	0.993597	1.17346	0.846725
ENSG000001234329			ENSG0000012.258983	-3.24361	3.831822	-0.84649
ENSG000001225938			ENSG0000012.258983	-3.24361	3.831822	-0.84649
ENSG000001388951	TSPYL6	TSPY like 6	ENSG0000012.258983	-3.24361	3.831822	-0.84649
ENSG000001401014	TEX41	testis expr	ENSG0000012.258983	-3.24361	3.831822	-0.84649
ENSG000001272498			ENSG0000012.258983	-3.24361	3.831822	-0.84649
ENSG000001203644			ENSG0000012.258983	-3.24361	3.831822	-0.84649
ENSG000001281016			ENSG0000012.258983	-3.24361	3.831822	-0.84649
ENSG00000151301	GCNT4	glucosamir	ENSG0000012.258983	-3.24361	3.831822	-0.84649
ENSG000001247627			ENSG0000012.258983	-3.24361	3.831822	-0.84649
ENSG00000126024	PTCD1	pentatricol	ENSG0000012.258983	-3.24361	3.831822	-0.84649
ENSG000001256540			ENSG0000012.258983	-3.24361	3.831822	-0.84649
ENSG000001247373			ENSG0000012.258983	-3.24361	3.831822	-0.84649
ENSG000001231856			ENSG0000012.258983	-3.24361	3.831822	-0.84649
ENSG000001261663			ENSG0000012.258983	-3.24361	3.831822	-0.84649
ENSG000001264012			ENSG0000012.258983	-3.24361	3.831822	-0.84649
ENSG000001274776			ENSG0000012.258983	-3.24361	3.831822	-0.84649
ENSG000001100127888	SLCO4A1-A	SLCO4A1 a	ENSG0000012.258983	-3.24361	3.831822	-0.84649
ENSG000001236285			ENSG0000012.258983	-3.24361	3.831822	-0.84649
ENSG0000014163	MCC	MCC, WNT	ENSG00000191.12217	-0.64189	0.758314	-0.84646
ENSG00000110802	SEC24A	SEC24 hom	ENSG00000130.90228	-0.90912	1.075234	-0.84551
ENSG0000012700	GJA3	gap junctio	ENSG00000128.25148	0.900227	1.064752	0.84548
ENSG0000015476	CTSA	cathepsin /	ENSG00000172.56969	0.643871	0.761638	0.845377
ENSG000001100874237	CACNA2D3	CACNA2D3	ENSG0000012.297955	-3.25812	3.854167	-0.84535
ENSG000001101927862	CTB-178M	uncharacte	ENSG0000012.297955	-3.25812	3.854167	-0.84535
ENSG000001223459			ENSG0000012.297955	-3.25812	3.854167	-0.84535
ENSG000001143503	OR51E1	olfactory r	ENSG0000012.297955	-3.25812	3.854167	-0.84535
ENSG000001274828			ENSG0000012.297955	-3.25812	3.854167	-0.84535
ENSG000001197322	ACSF3	acyl-CoA s	ENSG00000117.79435	-1.16408	1.377617	-0.845
ENSG00000151550	CINP	cyclin depe	ENSG00000119.15134	1.051853	1.245588	0.844463
ENSG00000123020	SNRNP200	small nucle	ENSG000001190.2504	-0.51282	0.60794	-0.84354
ENSG000001399979	SNX19	sorting nex	ENSG000001172.2128	-0.53406	0.633155	-0.84349
ENSG00000155748	CNDP2	carnosine c	ENSG00000158.27321	-0.71029	0.842398	-0.84317
ENSG0000017320	UBE2B	ubiquitin c	ENSG00000166.11184	-0.69405	0.823214	-0.8431
ENSG0000018609	KLF7	Kruppel lik	ENSG00000175.30915	-0.65036	0.771542	-0.84293
ENSG000001643226	GRXCR2	glutaredox	ENSG0000015.765097	2.038245	2.418603	0.842737
ENSG000001151516	ASPRV1	aspartic pe	ENSG0000013.697577	2.224856	2.640299	0.842653
ENSG00000110272419C	LINC02289	long interg	ENSG0000013.697577	2.224856	2.640299	0.842653
ENSG0000016229	RPS24	ribosomal	ENSG000001347.1864	0.473181	0.561583	0.842584
ENSG00000154952	TRNAU1AF	tRNA selen	ENSG00000112.20698	-1.39846	1.659736	-0.84258
ENSG00000123015	GOLGA8A	golgin A8 f	ENSG00000112.20698	-1.39846	1.659736	-0.84258
ENSG00000127069	GHITM	growth hor	ENSG000001311.149	0.471148	0.559331	0.842341
ENSG0000019716	AQR	aquarius in	ENSG00000155.88619	-0.724	0.85961	-0.84225

ENSG00000125766	PRPF40B	pre-mRNA	ENSG0000019253028	-1.61093	1.912693	-0.84223
ENSG0000015426	POLE	DNA polyr	ENSG0000012602767	-1.00655	1.196031	-0.84157
ENSG0000012277	VEGFD	vascular er	ENSG0000011263189	-1.44756	1.72031	-0.84146
ENSG0000018483	CILP	cartilage in	ENSG0000014735168	0.812464	0.965657	0.841359
ENSG000001348793	WDR53	WD repeat	ENSG0000016280505	1.714148	2.037421	0.841332
ENSG000001100033435	SNORD116	small nucle	ENSG0000016280505	1.714148	2.037421	0.841332
ENSG0000016891	TAP2	transporte	ENSG0000011898917	1.070706	1.27313	0.841003
ENSG0000018745	ADAM23	ADAM met	ENSG0000011142619	-0.58242	0.692615	-0.8409
ENSG00000179844	ZDHHC11	zinc finger	ENSG0000011269349	-1.45557	1.732184	-0.84031
ENSG0000019600	PITPNM1	phosphatic	ENSG0000011797286	-1.17617	1.401216	-0.83939
ENSG0000014731	NDUFV3	NADH:ubic	ENSG0000011201748	0.578403	0.689073	0.839394
ENSG000001337867	UBAC2	UBA doma	ENSG0000013921696	0.793544	0.945395	0.839378
ENSG0000018883	NAE1	NEDD8 acti	ENSG0000013607965	0.814662	0.970713	0.839241
ENSG000001414196	CELF2-AS1	CELF2 anti	ENSG0000011151424	1.361081	1.622198	0.839035
ENSG00000123049	SMG1	SMG1, non	ENSG000001296605	-0.47164	0.562337	-0.83872
ENSG0000018343	HIST1H2BF	histone clu	ENSG0000016196282	1.779598	2.121847	0.838702
ENSG00000151141	INSIG2	insulin ind	ENSG0000011771012	-1.15473	1.376839	-0.83868
ENSG00000110291	SF3A1	splicing fac	ENSG0000019460513	-0.60711	0.724024	-0.83852
ENSG0000016342	SCP2	sterol carri	ENSG0000019847391	0.587721	0.701018	0.838382
ENSG00000183591	THAP2	THAP dom	ENSG0000011032021	1.396702	1.666606	0.838052
ENSG0000019235	IL32	interleukin	ENSG0000011921293	1.043403	1.245342	0.837844
ENSG000001360023	ZBTB41	zinc finger	ENSG0000013596796	-0.85169	1.017012	-0.83744
ENSG00000155296	TBC1D19	TBC1 dom	ENSG000001601371	-2.0415	2.437985	-0.83737
ENSG00000111262	SP140	SP140 nucl	ENSG0000013759175	2.16092	2.581156	0.837191
ENSG0000010255389			ENSG0000013759175	2.16092	2.581156	0.837191
ENSG000001283951	C16orf91	chromosor	ENSG0000013759175	2.16092	2.581156	0.837191
ENSG00000180774	LIMD2	LIM domai	ENSG0000013759175	2.16092	2.581156	0.837191
ENSG0000017071	KLF10	Kruppel lik	ENSG0000015571147	-0.71634	0.855647	-0.83719
ENSG00000151495	HACD3	3-hydroxy	ENSG0000012332639	-1.04984	1.254627	-0.83677
ENSG00000157057	TBX20	T-box 20	ENSG0000017142391	-0.68825	0.822722	-0.83655
ENSG00000155672	NBPF1	NBPF mem	ENSG0000011212276	-1.38518	1.655993	-0.83646
ENSG00000123152	CIC	capicua tra	ENSG0000013834491	-0.82457	0.986318	-0.83601
ENSG0000014651	MYO10	myosin X	ENSG0000012588185	-0.99613	1.191825	-0.83581
ENSG0000014763	NF1	neurofibro	ENSG0000012503494	-0.49246	0.589376	-0.83555
ENSG000001373	TRIM23	tripartite n	ENSG0000013075646	-0.90015	1.077322	-0.83555
ENSG00000122823	MTF2	metal resp	ENSG000001178396	-1.17112	1.40192	-0.83537
ENSG0000017416	VDAC1	voltage de	ENSG0000013756323	0.464885	0.55675	0.834998
ENSG0000010282057			ENSG0000012236357	-3.22094	3.857492	-0.83498
ENSG000001677810	SNORA26	small nucle	ENSG0000012236357	-3.22094	3.857492	-0.83498
ENSG000001107986412	LOC107986	uncharacte	ENSG0000012236357	-3.22094	3.857492	-0.83498
ENSG0000010248803			ENSG0000012236357	-3.22094	3.857492	-0.83498
ENSG000001100133091	LOC100133	uncharacte	ENSG0000012236357	-3.22094	3.857492	-0.83498
ENSG0000010259635			ENSG0000012236357	-3.22094	3.857492	-0.83498
ENSG00000155788	LMBRD1	LMBR1 dor	ENSG0000015520391	0.695421	0.833022	0.834818
ENSG0000018417	STX7	syntaxin 7	ENSG0000011003128	0.578258	0.693017	0.834406
ENSG00000110174	SORBS3	sorbin and	ENSG0000014332636	-0.78398	0.939865	-0.83414
ENSG00000151232	CRIM1	cysteine ric	ENSG0000012305618	-0.49411	0.592539	-0.83389

ENSG00000123507	LRR8B	leucine ric	ENSG000001210013	-1.37992	1.655495	-0.83354
ENSG00000111321	GPN1	GPN-loop (	ENSG000001210013	-1.37992	1.655495	-0.83354
ENSG0000019724	UTP14C	UTP14C, sr	ENSG0000012562291	-0.97312	1.167608	-0.83343
ENSG00000156478	EIF4ENIF1	eukaryotic	ENSG0000012562291	-0.97312	1.167608	-0.83343
ENSG00000151371	POMP	proteasom	ENSG0000014885514	0.724315	0.869102	0.833406
ENSG0000015782	PTPN12	protein tyr	ENSG0000011080857	0.573201	0.687865	0.833304
ENSG0000016675	UAP1	UDP-N-ace	ENSG0000016049178	-0.69196	0.830686	-0.833
ENSG00000151131	PHF11	PHD finger	ENSG0000012149415	1.070557	1.285197	0.832991
ENSG00000181688	C6orf62	chromosor	ENSG000001113302	0.559628	0.671857	0.832957
ENSG00000110554	AGPAT1	1-acylglyce	ENSG000001222723	0.979209	1.17597	0.832682
ENSG0000016647	SOD1	superoxide	ENSG0000011440304	0.532403	0.639546	0.832471
ENSG0000017318	UBA7	ubiquitin li	ENSG0000012685631	0.904908	1.08798	0.831732
ENSG0000014179	CD46	CD46 mole	ENSG0000011687883	0.508858	0.612047	0.831403
ENSG000001220108	FAM124A	family with	ENSG0000011499249	-1.25731	1.512328	-0.83138
ENSG000001117145	THEM4	thioesteras	ENSG0000012036616	-1.07698	1.295491	-0.83133
ENSG00000126521	TIMM8B	translocas	ENSG0000015455275	0.729668	0.877747	0.831296
ENSG00000151201	ZDHHC2	zinc finger	ENSG0000013104811	0.886418	1.066515	0.831134
ENSG00000110129	FRY	FRY microt	ENSG0000013265978	-0.46036	0.553979	-0.831
ENSG00000151667	NUB1	negative re	ENSG0000016001797	0.673499	0.810759	0.830702
ENSG000001643641	ZNF862	zinc finger	ENSG0000011488564	-1.24214	1.495472	-0.8306
ENSG00000110439	OLFM1	olfactomec	ENSG0000011800804	-1.18912	1.431684	-0.83058
ENSG0000014292	MLH1	mutL hom	ENSG000001568681	0.685919	0.82595	0.83046
ENSG000001390980	ZNF805	zinc finger	ENSG000001176259	-1.1453	1.37923	-0.83039
ENSG0000014057	LTF	lactotransf	ENSG0000012463774	0.99785	1.201694	0.830369
ENSG00000122877	MLXIP	MLX intera	ENSG0000018938108	-0.60691	0.731053	-0.83019
ENSG00000157222	ERGIC1	endoplasm	ENSG0000011411231	0.528365	0.636488	0.830127
ENSG000001649	BMP1	bone morp	ENSG0000019343529	-1.63693	1.971949	-0.83011
ENSG00000151181	DCXR	dicarbonyl	ENSG0000013419169	0.850825	1.025126	0.829972
ENSG000001124936	CYB5D2	cytochrom	ENSG0000011042705	1.348531	1.626028	0.829341
ENSG0000015137	PDE1C	phosphodi	ENSG0000013946122	0.45569	0.549536	0.829228
ENSG0000019690	UBE3C	ubiquitin p	ENSG0000011229992	-0.5572	0.671953	-0.82922
ENSG00000184641	MFSD14B	major facil	ENSG0000014101062	0.764978	0.922671	0.829091
ENSG0000016175	RPLP0	ribosomal	ENSG0000014154464	0.481758	0.581123	0.829012
ENSG0000015706	PSMC6	proteasom	ENSG0000016454417	0.671901	0.810746	0.828745
ENSG00000191608	RASL10B	RAS like fa	ENSG0000012028821	-1.07326	1.295248	-0.82861
ENSG0000012194	FASN	fatty acid s	ENSG000001238707	-1.0928	1.318929	-0.82855
ENSG00000154708	MARCH5	membrane	ENSG0000012849787	0.878321	1.060103	0.828525
ENSG000001171023	ASXL1	ASXL trans	ENSG000001777766	-0.64684	0.780931	-0.82829
ENSG000001400720	ZNF772	zinc finger	ENSG0000012827894	-0.9371	1.131403	-0.82826
ENSG000001283120	H19	H19, imprii	ENSG0000011599593	-1.40895	1.701308	-0.82816
ENSG00000120	ABCA2	ATP bindin	ENSG000001308344	-0.90285	1.090735	-0.82775
ENSG00000155814	BDP1	B double p	ENSG0000011398277	-0.54173	0.654469	-0.82775
ENSG000001115426	UHRF2	ubiquitin li	ENSG000001332566	-0.87113	1.052495	-0.82768
ENSG00000157701	NCKAP5L	NCK associ	ENSG000001332566	-0.87113	1.052495	-0.82768
ENSG000001279662			ENSG0000011203854	-1.37173	1.657587	-0.82755
ENSG00000179047	KCTD15	potassium	ENSG0000011496359	-1.24704	1.507076	-0.82746
ENSG0000011300	COL10A1	collagen ty	ENSG0000015913139	-2.02045	2.442021	-0.82737

ENSG00000192912	UBE2Q2	ubiquitin c	ENSG000001423153	0.776223	0.938465	0.827119
ENSG000002010	EMD	emerin	ENSG0000011758693	-1.14321	1.38222	-0.82708
ENSG000009575	CLOCK	clock circ	ENSG000001106.0537	-0.57625	0.696798	-0.82699
ENSG00000149076	ZNF362	zinc finger	ENSG00000130.77281	-0.8994	1.088894	-0.82597
ENSG0000057688	ZSWIM6	zinc finger	ENSG00000123.89752	0.938964	1.136805	0.825968
ENSG00000126526	C19orf47	chromosom	ENSG00000137.90601	0.786159	0.951877	0.825904
ENSG00000203547	VMA21	VMA21, va	ENSG00000147.32042	0.72703	0.880429	0.825768
ENSG0000080176	SPSB1	splA/ryano	ENSG00000117.5643	-1.13952	1.380333	-0.82554
ENSG000002639	GCDH	glutaryl-Co	ENSG00000117.5643	-1.13952	1.380333	-0.82554
ENSG000005780	PTPN9	protein tyr	ENSG00000125.48336	-0.96596	1.171028	-0.82488
ENSG00000286148	DPY19L4	dpy-19 like	ENSG00000154.98642	0.701873	0.850898	0.824862
ENSG00000200132	TCTEX1D1	Tctex1 don	ENSG00000112.08379	-1.38218	1.675991	-0.82469
ENSG000002035	EPB41	erythrocyt	ENSG00000175.07219	0.663839	0.80518	0.824461
ENSG00000149297	FAM78B	family with	ENSG0000017.591456	1.594062	1.933509	0.82444
ENSG0000065983	GRAMD2B	GRAM don	ENSG00000120.40513	-1.07892	1.308835	-0.82434
ENSG0000056203	LMOD3	leiomodoin	ENSG000001244.6606	0.501692	0.608624	0.824306
ENSG000002872	MKNK2	MAP kinas	ENSG000001124.9839	-0.54889	0.665894	-0.82429
ENSG00000389337	ARHGEF37	Rho guanir	ENSG00000153.11075	-0.72213	0.876129	-0.82422
ENSG0000050640	PNPLA8	patatin like	ENSG00000160.24173	0.665244	0.807321	0.824014
ENSG0000079744	ZNF419	zinc finger	ENSG0000019.068234	-1.57929	1.91673	-0.82395
ENSG0000078989	COLEC11	collectin su	ENSG0000012.197385	-3.20614	3.891638	-0.82385
ENSG00000245973	ATP6V1C2	ATPase H+	ENSG0000012.197385	-3.20614	3.891638	-0.82385
ENSG00000150946	GAREM2	GRB2 asso	ENSG0000012.197385	-3.20614	3.891638	-0.82385
ENSG00000273486			ENSG0000012.197385	-3.20614	3.891638	-0.82385
ENSG0000079071	ELOVL6	ELOVL fatty	ENSG0000012.197385	-3.20614	3.891638	-0.82385
ENSG000003305	HSPA1L	heat shock	ENSG0000012.197385	-3.20614	3.891638	-0.82385
ENSG00000273448			ENSG0000012.197385	-3.20614	3.891638	-0.82385
ENSG00000102723356	ZFPM2-AS	ZFPM2 ant	ENSG0000012.197385	-3.20614	3.891638	-0.82385
ENSG00000274925			ENSG0000012.197385	-3.20614	3.891638	-0.82385
ENSG000002958	GTF2A2	general tra	ENSG00000120.7929	1.004214	1.219067	0.823756
ENSG0000055714	TENM3	teneurin tr	ENSG0000019.168805	-1.59374	1.93477	-0.82374
ENSG0000054829	ASPN	asporin	ENSG00000125.16322	0.95209	1.156549	0.823216
ENSG00000387509	GPR153	G protein-c	ENSG0000015.890514	-2.01019	2.441998	-0.82318
ENSG00000197258	FUK	fucokinase	ENSG0000015.890514	-2.01019	2.441998	-0.82318
ENSG00000166378	SPATA5	spermatog	ENSG00000125.43811	-0.96083	1.167465	-0.823
ENSG00000528	ATP6V1C1	ATPase H+	ENSG00000145.53486	-0.75766	0.920765	-0.82286
ENSG0000055020	TTC38	tetratricop	ENSG00000125.59021	-0.97504	1.185088	-0.82276
ENSG00000155435	RBM33	RNA bindir	ENSG00000184.50647	-0.61664	0.749596	-0.82263
ENSG00000211892			ENSG0000012.489027	-3.38868	4.120293	-0.82244
ENSG00000225178			ENSG0000012.489027	-3.38868	4.120293	-0.82244
ENSG0000091408	BTF3L4	basic trans	ENSG00000139.49225	0.771079	0.938171	0.821896
ENSG000009375	TM9SF2	transmeml	ENSG000001125.1198	0.537868	0.654637	0.821627
ENSG0000010159	ATP6AP2	ATPase H+	ENSG00000153.85399	0.688818	0.838644	0.821348
ENSG0000023390	ZDHHC17	zinc finger	ENSG00000143.06362	-0.77446	0.943011	-0.82126
ENSG0000090233	ZNF551	zinc finger	ENSG00000111.97694	-1.36351	1.660613	-0.82109
ENSG000001102	RCBTB2	RCC1 and E	ENSG00000122.37915	0.960991	1.170469	0.82103
ENSG000006801	STRN	striatin	ENSG000001174.1278	0.500093	0.609118	0.821011

ENSG00000126230	TIAM2	T cell lymph	ENSG00000114867	14.84667	-1.23966	1.510162	-0.82088
ENSG0000012239	GPC4	glypican 4	ENSG00000112059	12.01591	-1.36643	1.664818	-0.82077
ENSG00000155721	IQCC	IQ motif cc	ENSG00000121747	2.17476	-3.18293	3.878011	-0.82076
ENSG000001100505741	SPATA1	spermatog	ENSG00000121747	2.17476	-3.18293	3.878011	-0.82076
ENSG000001198857			ENSG00000121747	2.17476	-3.18293	3.878011	-0.82076
ENSG0000014118	MAL	mal, T cell	ENSG00000121747	2.17476	-3.18293	3.878011	-0.82076
ENSG000001129530	LYG1	lysozyme g	ENSG00000121747	2.17476	-3.18293	3.878011	-0.82076
ENSG0000010279267			ENSG00000121747	2.17476	-3.18293	3.878011	-0.82076
ENSG000001150737	TTC30B	tetratricop	ENSG00000121747	2.17476	-3.18293	3.878011	-0.82076
ENSG0000014487	MSX1	msh home	ENSG00000121747	2.17476	-3.18293	3.878011	-0.82076
ENSG000001221421	RSPH9	radial spok	ENSG00000121747	2.17476	-3.18293	3.878011	-0.82076
ENSG000001101927612	RNF139-AS	RNF139 an	ENSG00000121747	2.17476	-3.18293	3.878011	-0.82076
ENSG0000010279233			ENSG00000121747	2.17476	-3.18293	3.878011	-0.82076
ENSG0000010229800			ENSG00000121747	2.17476	-3.18293	3.878011	-0.82076
ENSG00000185019	TMEM241	transmeml	ENSG00000121747	2.17476	-3.18293	3.878011	-0.82076
ENSG000001100101266	HAVCR1P1	hepatitis A	ENSG00000121747	2.17476	-3.18293	3.878011	-0.82076
ENSG00000123354	HAUS5	HAUS augr	ENSG00000121747	2.17476	-3.18293	3.878011	-0.82076
ENSG0000010229539			ENSG00000121747	2.17476	-3.18293	3.878011	-0.82076
ENSG000001140862	ISM1	isthmin 1	ENSG00000121747	2.17476	-3.18293	3.878011	-0.82076
ENSG0000010276603			ENSG00000121747	2.17476	-3.18293	3.878011	-0.82076
ENSG0000010236576			ENSG00000121747	2.17476	-3.18293	3.878011	-0.82076
ENSG000001200895	DHFR2	dihydrofol	ENSG00000111776	11.77698	1.310448	1.596675	0.820736
ENSG00000179893	GGNBP2	gametoger	ENSG00000158094	58.09469	-0.70592	0.860268	-0.82058
ENSG00000131	ACACA	acetyl-CoA	ENSG00000167435	67.43534	-0.65592	0.799381	-0.82054
ENSG00000155585	UBE2Q1	ubiquitin c	ENSG00000147437	47.43734	0.724001	0.882552	0.820349
ENSG000001114781	BTBD9	BTB domai	ENSG00000145875	45.87555	-0.76873	0.937196	-0.82025
ENSG000001284612	SYPL2	synaptoph	ENSG00000126316	26.31683	-1.01731	1.240467	-0.8201
ENSG0000014953	ODC1	ornithine d	ENSG00000160670	60.67004	0.777285	0.947816	0.82008
ENSG00000123643	LY96	lymphocyt	ENSG00000170370	70.37075	1.848615	2.255327	0.819666
ENSG00000125813	SAMM50	SAMM50 s	ENSG00000140725	40.72565	-0.7961	0.971296	-0.81963
ENSG00000122925	PLA2R1	phospholip	ENSG00000120281	20.28193	-1.06874	1.304026	-0.81957
ENSG00000157038	RARS2	arginyl-tRN	ENSG00000128536	28.53685	0.876906	1.07009	0.819469
ENSG00000110945	KDELR1	KDEL endo	ENSG00000150486	50.48664	0.710672	0.867239	0.819465
ENSG00000180205	CHD9	chromodor	ENSG00000120043	200.4318	-0.48994	0.598755	-0.81826
ENSG00000110467	ZNHIT1	zinc finger	ENSG00000123936	23.93649	0.937429	1.145888	0.818081
ENSG00000111266	DUSP12	dual specif	ENSG00000160199	60.19987	-2.0552	2.512462	-0.818
ENSG000001285759	FLJ34503	uncharacte	ENSG00000160199	60.19987	-2.0552	2.512462	-0.818
ENSG000001388021	TMEM179	transmeml	ENSG00000160199	60.19987	-2.0552	2.512462	-0.818
ENSG00000123428	SLC7A8	solute carr	ENSG00000120142	20.14239	-1.05987	1.296131	-0.81772
ENSG00000151474	LIMA1	LIM domai	ENSG00000152831	52.83167	-0.71454	0.873985	-0.81756
ENSG0000015046	PCSK6	proprotein	ENSG00000143381	43.38168	-0.78462	0.959939	-0.81737
ENSG000001149986	LSM14B	LSM family	ENSG00000137991	37.99167	-0.80711	0.987712	-0.81715
ENSG0000011191	CLU	clusterin	ENSG00000113003	130.0034	0.64753	0.792432	0.817142
ENSG00000123512	SUZ12	SUZ12, pol	ENSG00000130526	30.52641	-0.88552	1.083764	-0.81708
ENSG0000016651	SON	SON DNA k	ENSG00000132783	327.8308	-0.45318	0.554671	-0.81703
ENSG00000190799	CEP95	centrosom	ENSG00000133133	33.13341	-0.86471	1.058482	-0.81693
ENSG0000018816	DCAF5	DDB1 and	ENSG00000112846	128.4671	-0.56147	0.687357	-0.81685

ENSG0000029958	DMGDH	dimethylgl	ENSG000004700538	2.135614	2.614688	0.816776
ENSG000000717	C2	compleme	ENSG000004700538	2.135614	2.614688	0.816776
ENSG0000010379	IRF9	interferon	ENSG000004700538	2.135614	2.614688	0.816776
ENSG0000056121	PCDHB15	protocadh	ENSG000009006636	-1.5686	1.920782	-0.81665
ENSG00000279759			ENSG000009029262	-1.57552	1.929288	-0.81663
ENSG0000023555	TSPAN15	tetraspanin	ENSG000005851541	-2.00465	2.455526	-0.81638
ENSG0000051267	CLEC1A	C-type lect	ENSG000005851541	-2.00465	2.455526	-0.81638
ENSG00000100131434	LINC00893	long interg	ENSG000005851541	-2.00465	2.455526	-0.81638
ENSG00000100132406	NBPF10	NBPF mem	ENSG000003820773	2.099423	2.572493	0.816104
ENSG00000387597	ILDR2	immunogl	ENSG000003820773	2.099423	2.572493	0.816104
ENSG00000221756	SERPINB9P	serpin fam	ENSG000003820773	2.099423	2.572493	0.816104
ENSG000005799	PTPRN2	protein tyr	ENSG000003820773	2.099423	2.572493	0.816104
ENSG00000126119	JOSD2	Josephin d	ENSG000003820773	2.099423	2.572493	0.816104
ENSG0000010385	BTN2A2	butyrophili	ENSG000001055025	1.314989	1.611582	0.815961
ENSG00000375757	SWI5	SWI5 hom	ENSG000001055025	1.314989	1.611582	0.815961
ENSG0000080332	ADAM33	ADAM met	ENSG000001195431	-1.35816	1.664686	-0.81587
ENSG000007035	TFPI	tissue fact	ENSG000001071323	-0.59728	0.732155	-0.81578
ENSG0000010012859C	SLC8A1-AS	SLC8A1 an	ENSG000002825252	-0.94171	1.154673	-0.81557
ENSG0000057646	USP28	ubiquitin s	ENSG000001596492	0.505106	0.619513	0.815327
ENSG00000652	BMP4	bone morp	ENSG000009045609	-1.57238	1.929168	-0.81506
ENSG000001787	TRDMT1	tRNA aspa	ENSG000005828916	-1.99431	2.447471	-0.81485
ENSG00000145483	FAM161B	FAM161B,	ENSG000005828916	-1.99431	2.447471	-0.81485
ENSG00000270246			ENSG000005828916	-1.99431	2.447471	-0.81485
ENSG000006940	ZNF354A	zinc finger	ENSG000001642259	1.082866	1.329354	0.814581
ENSG000001241	LTB4R	leukotrien	ENSG000005031153	1.854414	2.276581	0.814561
ENSG0000011177	BAZ1A	bromodorr	ENSG000004426106	0.737749	0.90582	0.814454
ENSG0000027340	UTP20	UTP20, sm	ENSG000003554305	-0.8332	1.023067	-0.81441
ENSG0000023244	PDS5A	PDS5 cohe	ENSG000001083075	-0.57101	0.701241	-0.81428
ENSG00000244879			ENSG000002273683	-0.99894	1.226803	-0.81426
ENSG0000065055	REEP1	receptor a	ENSG00000348014	0.811142	0.996249	0.814196
ENSG0000055005	RMND1	required fc	ENSG000001191534	-1.35523	1.664603	-0.81415
ENSG0000029929	ALG6	ALG6, alph	ENSG00000119228	1.268368	1.558662	0.813755
ENSG0000025814	ATXN10	ataxin 10	ENSG000005691963	0.679973	0.835843	0.813518
ENSG00000232931			ENSG000005929486	-2.01599	2.478676	-0.81333
ENSG000002918	GRM8	glutamate	ENSG000005929486	-2.01599	2.478676	-0.81333
ENSG000003190	HNRNPK	heterogen	ENSG000003287376	0.445788	0.548112	0.813315
ENSG0000083937	RASSF4	Ras associa	ENSG000006518159	-0.66749	0.821163	-0.81285
ENSG0000055733	HHAT	hedgohog	ENSG000007737277	1.520754	1.872252	0.812259
ENSG0000026974	ZNF285	zinc finger	ENSG000007737277	1.520754	1.872252	0.812259
ENSG000002781	GNAZ	G protein s	ENSG000007737277	1.520754	1.872252	0.812259
ENSG0000055914	ERBIN	erbb2 inte	ENSG000001563044	0.508051	0.625665	0.812018
ENSG000007514	XPO1	exportin 1	ENSG000001558645	0.516901	0.636603	0.811967
ENSG0000091283	MSANTD3	Myb/SANT	ENSG000001794096	1.043437	1.286317	0.811182
ENSG00000340371	NRBP2	nuclear rec	ENSG000002005817	-1.0515	1.296486	-0.81104
ENSG0000051493	RTCB	RNA 2',3'-c	ENSG000006037121	0.657995	0.811323	0.811014
ENSG00000201266	SLC39A11	solute carr	ENSG000009155076	1.392222	1.71691	0.810888
ENSG00000171586	ABHD3	abhydrolas	ENSG000009155076	1.392222	1.71691	0.810888

ENSG000002934	GSN	gelsolin	ENSG000002934	72.04721	-0.63501	0.783163	-0.81083
ENSG00000256364	EML3	echinoderr	ENSG00000256364	14.67822	-1.21739	1.501851	-0.81059
ENSG0000023102	TBC1D2B	TBC1 domæ	ENSG0000023102	32.98759	-0.85633	1.056573	-0.81048
ENSG0000083660	TLN2	talin 2	ENSG0000083660	134.3635	-0.53619	0.661623	-0.81042
ENSG000007019	TFAM	transcriptic	ENSG000007019	34.99247	0.793044	0.978677	0.810322
ENSG0000056704	JPH1	junctionphili	ENSG0000056704	27.93826	-0.92006	1.135491	-0.81027
ENSG0000055249	YY1AP1	YY1 associæ	ENSG0000055249	70.17156	0.623349	0.769311	0.810269
ENSG0000023093	TTL5	tubulin tyr	ENSG0000023093	32.88074	-0.84918	1.048045	-0.81025
ENSG0000059269	HIVEP3	human imr	ENSG0000059269	20.09714	-1.05338	1.300076	-0.81024
ENSG0000011214	AKAP13	A-kinase ar	ENSG0000011214	930.6266	-0.4231	0.522257	-0.81014
ENSG0000056942	CMC2	C-X9-C mo	ENSG0000056942	23.99809	0.93082	1.149209	0.809966
ENSG0000023654	PLXNB2	plexin B2	ENSG0000023654	70.21053	0.622583	0.768715	0.8099
ENSG000003920	LAMP2	lysosomal	ENSG000003920	113.9469	0.545115	0.67308	0.809882
ENSG000006135	RPL11	ribosomal	ENSG000006135	340.0762	0.455889	0.563062	0.80966
ENSG000002324	FLT4	fms relatec	ENSG000002324	17.88485	-1.1776	1.454976	-0.80936
ENSG0000010204	NUTF2	nuclear tra	ENSG0000010204	36.49449	0.783531	0.968299	0.809182
ENSG000001600	DAB1	DAB1, reel	ENSG000001600	5.867889	-2.00001	2.471742	-0.80915
ENSG00000400569	MED11	mediator c	ENSG00000400569	5.867889	-2.00001	2.471742	-0.80915
ENSG00000123228	SENP8	SUMO pep	ENSG00000123228	9.132451	1.41026	1.743608	0.808817
ENSG00000272211			ENSG00000272211	5.092751	1.81323	2.241841	0.808813
ENSG000008970	HIST1H2BJ	histone clu	ENSG000008970	5.092751	1.81323	2.241841	0.808813
ENSG00000158405	KIAA1958	KIAA1958	ENSG00000158405	14.81777	-1.22923	1.519975	-0.80872
ENSG0000054906	FAM208B	family with	ENSG0000054906	115.0022	-0.55207	0.682679	-0.80868
ENSG00000211	ALAS1	5'-aminole	ENSG00000211	113.1147	0.566351	0.700348	0.80867
ENSG000008516	ITGA8	integrin su	ENSG000008516	22.91155	-1.01751	1.258503	-0.80851
ENSG000007311	UBA52	ubiquitin A	ENSG000007311	127.0593	0.52958	0.655081	0.808419
ENSG000004728	NDUFS8	NADH:ubic	ENSG000004728	62.097	0.647904	0.801453	0.808412
ENSG0000057185	NIPAL3	NIPA like d	ENSG0000057185	55.65994	-0.71273	0.881813	-0.80826
ENSG0000080097	MZT2B	mitotic spi	ENSG0000080097	13.46379	1.183917	1.464804	0.808243
ENSG00000729603	LOC729603	calcineurin	ENSG00000729603	7.759902	1.497784	1.853397	0.808129
ENSG0000079191	IRX3	iroquois hc	ENSG0000079191	16.48418	1.07295	1.328431	0.807682
ENSG000008658	TNKS	tankyrase	ENSG000008658	95.82558	-0.57818	0.7159	-0.80763
ENSG000009761	MLEC	malectin	ENSG000009761	251.1303	-0.51736	0.64083	-0.80733
ENSG00000264112			ENSG00000264112	14.6556	-1.21297	1.502695	-0.8072
ENSG0000084232	MAF1	MAF1 hom	ENSG0000084232	82.03275	-0.61805	0.765686	-0.80718
ENSG000008233	ZRSR2	zinc finger	ENSG000008233	6.303131	1.682682	2.084736	0.807144
ENSG0000051385	ZNF589	zinc finger	ENSG0000051385	17.35688	-1.11827	1.385895	-0.8069
ENSG0000055930	MYO5C	myosin VC	ENSG0000055930	9.13611	-1.5992	1.982077	-0.80683
ENSG000003490	IGFBP7	insulin like	ENSG000003490	227.4443	0.498529	0.618031	0.806641
ENSG0000083874	TBC1D10A	TBC1 domæ	ENSG0000083874	5.874166	-2.01449	2.498523	-0.80627
ENSG00000148266	ZNF569	zinc finger	ENSG00000148266	10.61185	1.298472	1.610506	0.806251
ENSG000005329	PLAUR	plasminog	ENSG000005329	10.61185	1.298472	1.610506	0.806251
ENSG00000549	AUH	AU RNA bi	ENSG00000549	35.05406	0.788715	0.978335	0.806181
ENSG0000057121	LPAR5	lysophosph	ENSG0000057121	7.575108	1.572154	1.950438	0.806052
ENSG00000112495	GTF3C6	general tra	ENSG00000112495	38.15868	0.765742	0.950004	0.80604
ENSG000009945	GFPT2	glutamine-	ENSG000009945	30.38059	-0.87641	1.087857	-0.80563
ENSG0000010457	GPNMB	glycoprote	ENSG0000010457	307.3169	-0.46214	0.573675	-0.80558

ENSG000001230551			ENSG000001230551	35.29038	-0.81864	1.016432	-0.8054
ENSG0000011107	PRDM5	PR/SET do	ENSG0000011107	23.88117	0.935588	1.161761	0.805319
ENSG0000011397	CRIP2	cysteine ric	ENSG0000011397	113.4439	0.593693	0.737902	0.804569
ENSG0000019805	SCRN1	secernin 1	ENSG0000019805	45.22687	-0.74567	0.926985	-0.80441
ENSG000001441212	RP9P	RP9 pseud	ENSG000001441212	5.789943	-1.98865	2.47268	-0.80425
ENSG00000179874	RABEP2	rabaptin, R	ENSG00000179874	5.789943	-1.98865	2.47268	-0.80425
ENSG0000019611	NCOR1	nuclear rec	ENSG0000019611	220.7345	-0.47237	0.58744	-0.80412
ENSG0000013777	KCNK3	potassium	ENSG0000013777	2.113162	-3.14394	3.911249	-0.80382
ENSG00000189876	MAATS1	MYCBP ass	ENSG00000189876	2.113162	-3.14394	3.911249	-0.80382
ENSG000001273870			ENSG000001273870	2.113162	-3.14394	3.911249	-0.80382
ENSG0000012970	GTF2IP1	general tra	ENSG0000012970	2.113162	-3.14394	3.911249	-0.80382
ENSG000001270157			ENSG000001270157	2.113162	-3.14394	3.911249	-0.80382
ENSG000001236254			ENSG000001236254	2.113162	-3.14394	3.911249	-0.80382
ENSG000001651337	LOC651337	uncharacte	ENSG000001651337	2.113162	-3.14394	3.911249	-0.80382
ENSG000001232682			ENSG000001232682	2.113162	-3.14394	3.911249	-0.80382
ENSG000001101927692	LOC101927	uncharacte	ENSG000001101927692	2.113162	-3.14394	3.911249	-0.80382
ENSG000001213305			ENSG000001213305	2.113162	-3.14394	3.911249	-0.80382
ENSG000001203392			ENSG000001203392	2.113162	-3.14394	3.911249	-0.80382
ENSG00000154620	FBXL19	F-box and l	ENSG00000154620	2.113162	-3.14394	3.911249	-0.80382
ENSG0000017567	ZNF19	zinc finger	ENSG0000017567	2.113162	-3.14394	3.911249	-0.80382
ENSG000001274677			ENSG000001274677	2.113162	-3.14394	3.911249	-0.80382
ENSG000001105372273	LOC105372	uncharacte	ENSG000001105372273	2.113162	-3.14394	3.911249	-0.80382
ENSG000001276952			ENSG000001276952	2.113162	-3.14394	3.911249	-0.80382
ENSG0000014826	NNAT	neuronatin	ENSG0000014826	2.113162	-3.14394	3.911249	-0.80382
ENSG0000016615	SNAI1	snail family	ENSG0000016615	2.113162	-3.14394	3.911249	-0.80382
ENSG0000016285	S100B	S100 calciu	ENSG0000016285	2.113162	-3.14394	3.911249	-0.80382
ENSG000001389856	USP27X	ubiquitin s	ENSG000001389856	2.113162	-3.14394	3.911249	-0.80382
ENSG00000164856	VWA1	von Willeb	ENSG00000164856	5.806291	-1.98392	2.46813	-0.80381
ENSG000001259453			ENSG000001259453	8.922413	-1.55078	1.929283	-0.80381
ENSG0000016817	SULT1A1	sulfotransf	ENSG0000016817	8.922413	-1.55078	1.929283	-0.80381
ENSG00000180895	ILKAP	ILK associa	ENSG00000180895	14.72347	-1.226	1.525508	-0.80367
ENSG00000110863	ADAM28	ADAM met	ENSG00000110863	6.426326	1.620905	2.017298	0.803503
ENSG000001146712	B3GNTL1	UDP-GlcNA	ENSG000001146712	6.426326	1.620905	2.017298	0.803503
ENSG00000183940	TATDN1	TatD DNas	ENSG00000183940	16.44521	1.074742	1.337668	0.803445
ENSG000001285172	FAM126B	family with	ENSG000001285172	51.01839	0.686207	0.854488	0.803061
ENSG00000155297	CCDC91	coiled-coil	ENSG00000155297	46.18799	0.712771	0.887685	0.802955
ENSG000001118491	CFAP70	cilia and fl	ENSG000001118491	9.207778	-1.59813	1.990621	-0.80283
ENSG0000015783	PTPN13	protein tyr	ENSG0000015783	40.23286	-0.77471	0.965078	-0.80274
ENSG00000155437	STRADB	STE20-rela	ENSG00000155437	54.20095	0.674151	0.840578	0.802008
ENSG000001344558	SH3RF3	SH3 domai	ENSG000001344558	17.80442	-1.15801	1.443954	-0.80197
ENSG0000016203	RPS9	ribosomal	ENSG0000016203	142.2744	0.53329	0.665048	0.801883
ENSG00000184883	AIFM2	apoptosis i	ENSG00000184883	17.29528	-1.11238	1.387339	-0.80181
ENSG0000016505	SLC1A1	solute carr	ENSG0000016505	11.87009	-1.34449	1.677719	-0.80138
ENSG0000012280	FKBP1A	FK506 bind	ENSG0000012280	64.91625	0.651388	0.813017	0.801198
ENSG0000012052	EPHX1	epoxide hy	ENSG0000012052	47.56864	-0.72491	0.904846	-0.80114
ENSG00000179009	DDX50	DExD-box	ENSG00000179009	30.39211	0.827982	1.033576	0.801084
ENSG0000018110	DPF3	double PHI	ENSG0000018110	64.51029	-0.64982	0.811636	-0.80063

ENSG0000018834	ENSG0000018834	TMEM11	transmeml	ENSG0000018834	12.09124	1.215099	1.51804	0.800439
ENSG0000013956	ENSG0000013956	LGALS1	galectin 1	ENSG0000013956	92.90577	0.57203	0.71467	0.800411
ENSG00000110192	ENSG00000126975	LINC01844	long interg	ENSG00000110192	11.83857	1.295004	1.618003	0.800372
ENSG0000017444	ENSG0000017444	VRK2	VRK serine	ENSG0000017444	25.60696	0.89332	1.116251	0.800286
ENSG0000017802	ENSG0000017802	DNALI1	dynein axo	ENSG0000017802	7.8215	1.474088	1.842171	0.800191
ENSG0000014682	ENSG0000014682	NUBP1	nucleotide	ENSG0000014682	7.8215	1.474088	1.842171	0.800191
ENSG000001114803	ENSG000001114803	MYSM1	Myb like, S	ENSG000001114803	64.63977	-0.65447	0.818012	-0.80007
ENSG0000019991	ENSG0000019991	PTBP3	polypyrimi	ENSG0000019991	96.29575	0.563414	0.704263	0.800005
ENSG0000017203	ENSG0000017203	CCT3	chaperonir	ENSG0000017203	106.2583	0.545678	0.682311	0.799749
ENSG00000165065	ENSG00000165065	NBEAL1	neurobeac	ENSG00000165065	100.5154	-0.56815	0.710512	-0.79964
ENSG00000110451	ENSG00000110451	VAV3	vav guanin	ENSG00000110451	20.42959	1.041678	1.30316	0.799348
ENSG0000015209	ENSG0000015209	PFKFB3	6-phospho	ENSG0000015209	47.85021	-0.73885	0.924418	-0.79926
ENSG00000110768	ENSG00000110768	AHCYL1	adenosylh	ENSG00000110768	95.79668	-0.57681	0.721744	-0.79919
ENSG0000016035	ENSG0000016035	RNASE1	ribonuclea	ENSG0000016035	174.6026	0.535119	0.670231	0.79841
ENSG00000126468	ENSG00000126468	LHX6	LIM homec	ENSG00000126468	5.744693	-1.96769	2.467452	-0.79746
ENSG0000012671	ENSG0000012671	GFER	growth fac	ENSG0000012671	5.744693	-1.96769	2.467452	-0.79746
ENSG0000015172	ENSG0000015172	SLC26A4	solute carr	ENSG0000015172	2.421151	-3.332	4.178373	-0.79744
ENSG00000184189	ENSG00000184189	SLITRK6	SLIT and N	ENSG00000184189	2.421151	-3.332	4.178373	-0.79744
ENSG0000010251002	ENSG0000010251002			ENSG0000010251002	2.421151	-3.332	4.178373	-0.79744
ENSG000001644	ENSG000001644	BLVRA	biliverdin r	ENSG000001644	30.29154	0.834397	1.046363	0.797426
ENSG00000193663	ENSG00000193663	ARHGAP18	Rho GTPas	ENSG00000193663	28.75054	0.850122	1.066138	0.797385
ENSG0000016123	ENSG0000016123	RPL3L	ribosomal	ENSG0000016123	134.9239	0.529745	0.664379	0.797353
ENSG000001116113	ENSG000001116113	FOXP4	forkhead b	ENSG000001116113	14.55503	-1.2036	1.509913	-0.79714
ENSG00000126258	ENSG00000126258	BLOC1S6	biogenesis	ENSG00000126258	63.96861	0.632258	0.793174	0.797124
ENSG0000018554	ENSG0000018554	PIAS1	protein inh	ENSG0000018554	92.43561	0.583825	0.732681	0.796835
ENSG000001200014	ENSG000001200014	CC2D1B	coiled-coil	ENSG000001200014	32.69594	-0.83941	1.053888	-0.79649
ENSG000001286144	ENSG000001286144	TRIQQ	triple QxxK	ENSG000001286144	39.94607	0.741885	0.931635	0.796326
ENSG00000184515	ENSG00000184515	MCM8	minichrom	ENSG00000184515	17.25631	-1.11024	1.394375	-0.79623
ENSG000001339745	ENSG000001339745	SPOPL	speckle typ	ENSG000001339745	43.05068	0.724973	0.910854	0.795926
ENSG00000126054	ENSG00000126054	SENP6	SUMO spe	ENSG00000126054	130.8742	0.51722	0.649835	0.795925
ENSG00000184769	ENSG00000184769	MPV17L2	MPV17 mit	ENSG00000184769	8.961386	-1.55475	1.954173	-0.7956
ENSG0000010255176	ENSG0000010255176			ENSG0000010255176	5.70572	-1.96203	2.466104	-0.7956
ENSG000001122786	ENSG000001122786	FRMD6	FERM dom	ENSG000001122786	25.0459	-0.93332	1.173156	-0.79557
ENSG000001116228	ENSG000001116228	COX20	cytochrom	ENSG000001116228	5.154349	1.773185	2.228865	0.795555
ENSG000001222183	ENSG000001222183	SRRM3	serine/argi	ENSG000001222183	5.154349	1.773185	2.228865	0.795555
ENSG0000014253	ENSG0000014253	MIA2	MIA SH3 d	ENSG0000014253	5.154349	1.773185	2.228865	0.795555
ENSG000001653513	ENSG000001653513	LOC653513	phosphodi	ENSG000001653513	224.4834	0.463137	0.582192	0.795505
ENSG0000014668	ENSG0000014668	NAGA	alpha-N-ac	ENSG0000014668	27.27115	0.861962	1.083667	0.795412
ENSG00000110411	ENSG00000110411	RAPGEF3	Rap guanir	ENSG00000110411	34.09883	-0.92017	1.157058	-0.79527
ENSG0000014524	ENSG0000014524	MTHFR	methylene	ENSG0000014524	90.72093	-0.58049	0.729958	-0.79524
ENSG00000155082	ENSG00000155082	ARGLU1	arginine ar	ENSG00000155082	54.7875	-0.68648	0.863391	-0.7951
ENSG0000019815	ENSG0000019815	GIT2	GIT ArfGAF	ENSG0000019815	46.35644	0.701922	0.882877	0.795039
ENSG00000184299	ENSG00000184299	MIEN1	migration :	ENSG00000184299	19.62777	0.98064	1.233542	0.794979
ENSG000001310	ENSG000001310	ANXA7	annexin A7	ENSG000001310	106.3362	0.544529	0.685055	0.794868
ENSG000001340156	ENSG000001340156	MYLK4	myosin lig	ENSG000001340156	2.135787	-3.16742	3.985734	-0.79469
ENSG0000010226329	ENSG0000010226329			ENSG0000010226329	2.135787	-3.16742	3.985734	-0.79469
ENSG000001100130742	ENSG000001100130742	LRRC69	leucine ric	ENSG000001100130742	2.135787	-3.16742	3.985734	-0.79469

ENSG00000100507	ENSG000001117	ASAP1-IT2	ASAP1 intr	ENSG000001	2.135787	-3.16742	3.985734	-0.79469
ENSG0000012738		GLI4	GLI family	ENSG000001	2.135787	-3.16742	3.985734	-0.79469
ENSG000001203648				ENSG000001	2.135787	-3.16742	3.985734	-0.79469
ENSG000001259917				ENSG000001	2.135787	-3.16742	3.985734	-0.79469
ENSG000001263624				ENSG000001	2.135787	-3.16742	3.985734	-0.79469
ENSG000001146705		TEPSIN	TEPSIN, ad	ENSG000001	2.135787	-3.16742	3.985734	-0.79469
ENSG000001155038		GIMAP8	GTPase, IV	ENSG000001	57.95515	-0.70222	0.883763	-0.79458
ENSG00000122861		NLRP1	NLR family	ENSG000001	36.70191	0.768218	0.967193	0.794276
ENSG000001132671		SPATA18	spermatog	ENSG000001	6.241533	1.715506	2.16133	0.793727
ENSG00000154890		ALKBH5	alkB homo	ENSG000001	174.5041	-0.50329	0.634216	-0.79357
ENSG000001285600		KIAA0825	KIAA0825	ENSG000001	12.15284	1.201141	1.514814	0.79293
ENSG0000012959		GTF2B	general tra	ENSG000001	18.06415	1.025391	1.293732	0.792584
ENSG00000154437		SEMA5B	semaphori	ENSG000001	7.798875	1.496268	1.888117	0.792466
ENSG000001267194				ENSG000001	3.635979	2.295886	2.897367	0.792404
ENSG000001199		AIF1	allograft in	ENSG000001	15.69087	3.26278	4.117872	0.792346
ENSG00000163932		CXorf56	chromosor	ENSG000001	11.74689	-1.32762	1.675591	-0.79233
ENSG00000155062		WIPI1	WD repeat	ENSG000001	57.61356	0.652293	0.823306	0.792285
ENSG0000017306		TYRP1	tyrosinase	ENSG000001	24.12128	0.917631	1.158214	0.792281
ENSG0000011203		CLN5	CLN5, intra	ENSG000001	19.28081	1.023859	1.292342	0.79225
ENSG0000019110		MTMR4	myotubula	ENSG000001	60.70287	0.702933	0.887273	0.792239
ENSG0000018925		HERC1	HECT and F	ENSG000001	405.3305	-0.45121	0.569699	-0.79201
ENSG00000110500		SEMA6C	semaphori	ENSG000001	40.0091	-0.76555	0.967014	-0.79166
ENSG0000013612		IMPA1	inositol mc	ENSG000001	32.01105	0.811446	1.025254	0.791459
ENSG00000164844		MARCH7	membrane	ENSG000001	128.8894	0.526297	0.665204	0.79118
ENSG00000184852		ATP1A1-AS	ATP1A1 an	ENSG000001	5.728345	-1.97242	2.493871	-0.79091
ENSG00000164418		TMEM168	transmeml	ENSG000001	39.98647	-0.76391	0.96589	-0.79089
ENSG0000012004		ELK3	ELK3, ETS t	ENSG000001	40.03172	-0.76718	0.970107	-0.79081
ENSG000001116496		FAM129A	family with	ENSG000001	806.1552	0.428546	0.541949	0.790749
ENSG0000016934		TCF7L2	transcripti	ENSG000001	22.45146	-0.97881	1.237907	-0.7907
ENSG00000164210		MMS19	MMS19 ho	ENSG000001	57.05132	-0.67035	0.84793	-0.79057
ENSG0000016170		RPL39	ribosomal	ENSG000001	94.06083	0.580693	0.734692	0.79039
ENSG000001811		CALR	calreticulin	ENSG000001	264.5597	0.446185	0.564523	0.790377
ENSG0000018522		GAS7	growth arr	ENSG000001	188.9772	-0.52361	0.662562	-0.79028
ENSG000001130355		C2orf76	chromosor	ENSG000001	3.674952	2.301958	2.91334	0.790144
ENSG0000012850		GPR27	G protein-c	ENSG000001	3.674952	2.301958	2.91334	0.790144
ENSG00000110403		NDC80	NDC80, kin	ENSG000001	3.674952	2.301958	2.91334	0.790144
ENSG000001403341		ZBTB34	zinc finger	ENSG000001	28.93534	0.834153	1.055698	0.790144
ENSG00000184946		LTV1	LTV1 ribos	ENSG000001	8.799218	-1.52889	1.935041	-0.79011
ENSG00000185441		HELZ2	helicase wi	ENSG000001	8.799218	-1.52889	1.935041	-0.79011
ENSG0000014129		MAOB	monoamin	ENSG000001	124.8972	-0.54603	0.691157	-0.79002
ENSG00000185301		COL27A1	collagen ty	ENSG000001	22.40621	-0.97296	1.231705	-0.78993
ENSG0000015480		PPIC	peptidylpr	ENSG000001	24.28973	0.895027	1.13307	0.789914
ENSG000001346171		ZFP57	ZFP57 zinc	ENSG000001	6.222567	-4.70353	5.954841	-0.78987
ENSG0000018740		TNFSF14	TNF superf	ENSG000001	11.32944	1.411386	1.786982	0.789815
ENSG00000110308		ZNF267	zinc finger	ENSG000001	18.14837	1.009456	1.278583	0.789512
ENSG00000151693		TRAPP2L	trafficking	ENSG000001	18.14837	1.009456	1.278583	0.789512
ENSG000001127933		UHMK1	U2AF hom	ENSG000001	122.968	0.519176	0.657686	0.789399

ENSG0000017182	NR2C2	nuclear rec	ENSG00000114.2077	-0.53966	0.683929	-0.78906
ENSG0000017536	SF1	splicing fac	ENSG00000121.4655	-0.53427	0.677124	-0.78902
ENSG0000019063	PIAS2	protein inh	ENSG00000156.11781	0.651958	0.826586	0.788736
ENSG000001052	ACP1	acid phosph	ENSG00000141.63288	0.724654	0.918789	0.788706
ENSG0000010669	BPGM	bisphospho	ENSG00000119.14506	1.06233	1.34698	0.788675
ENSG00000127112	FAM155B	family with	ENSG00000128.39586	-0.94211	1.194564	-0.78866
ENSG000001285203	EOGT	EGF domain	ENSG00000147.39012	-0.71978	0.912685	-0.78864
ENSG00000123327	NEDD4L	neural prec	ENSG00000196.09839	-0.58209	0.738129	-0.7886
ENSG00000154682	MANSC1	MANSC do	ENSG00000119.68937	0.972572	1.233408	0.788524
ENSG0000011601	DAB2	DAB2, clat	ENSG00000188.85038	0.683084	0.866596	0.788238
ENSG0000018777	MPDZ	multiple PI	ENSG000001208.1357	-0.46901	0.595085	-0.78813
ENSG00000151374	ATRAID	all-trans re	ENSG00000151.20946	0.674569	0.856059	0.787994
ENSG0000011292	COL6A2	collagen ty	ENSG000001147.0639	-0.50428	0.639969	-0.78797
ENSG000001133418	EMB	embigin	ENSG00000136.20389	0.902652	1.145787	0.787801
ENSG0000012624	GATA2	GATA bind	ENSG00000119.8344	-1.03405	1.314656	-0.78656
ENSG0000013985	LIMK2	LIM domain	ENSG00000138.48929	0.743361	0.945431	0.786267
ENSG0000010633	BGN	biglycan	ENSG00000154.58008	-0.67926	0.863916	-0.78626
ENSG00000156850	GRIPAP1	GRIP1 asso	ENSG00000124.9227	-0.92492	1.176413	-0.78622
ENSG00000184272	YIPF4	Yip1 domain	ENSG00000182.06728	0.579849	0.737782	0.785936
ENSG0000012064	ERBB2	erb-b2 rec	ENSG000001113.0546	0.532636	0.678186	0.785383
ENSG0000012817	GPC1	glypican 1	ENSG00000177.25179	0.640449	0.81582	0.785038
ENSG00000157504	MTA3	metastasis	ENSG00000122.38359	-0.97002	1.235714	-0.78499
ENSG0000013732	CD82	CD82 mole	ENSG00000115.11164	1.088173	1.386395	0.784894
ENSG0000015929	RBBP5	RB binding	ENSG00000127.41069	0.853464	1.087555	0.784755
ENSG0000015558	PRIM2	DNA prima	ENSG0000015.644122	-1.9456	2.479287	-0.78474
ENSG0000010219642			ENSG0000015.644122	-1.9456	2.479287	-0.78474
ENSG0000010228634			ENSG0000012.051564	-3.10387	3.957257	-0.78435
ENSG000001728448	PPIEL	peptidylpro	ENSG0000012.051564	-3.10387	3.957257	-0.78435
ENSG000001100289178	GNG12-AS	GNG12, DII	ENSG0000012.051564	-3.10387	3.957257	-0.78435
ENSG00000157821	CCDC181	coiled-coil	ENSG0000012.051564	-3.10387	3.957257	-0.78435
ENSG0000010272087			ENSG0000012.051564	-3.10387	3.957257	-0.78435
ENSG0000010251187			ENSG0000012.051564	-3.10387	3.957257	-0.78435
ENSG0000010272556			ENSG0000012.051564	-3.10387	3.957257	-0.78435
ENSG000001101929191	LINCR-000	uncharacter	ENSG0000012.051564	-3.10387	3.957257	-0.78435
ENSG000001100506540	SPTY2D10	SPTY2D1 o	ENSG0000012.051564	-3.10387	3.957257	-0.78435
ENSG00000111181	TREH	trehalase	ENSG0000012.051564	-3.10387	3.957257	-0.78435
ENSG0000010278126			ENSG0000012.051564	-3.10387	3.957257	-0.78435
ENSG00000179446	WDR25	WD repeat	ENSG0000012.051564	-3.10387	3.957257	-0.78435
ENSG00000155512	SMPD3	sphingomy	ENSG0000012.051564	-3.10387	3.957257	-0.78435
ENSG000001284402	SCGB2B2	secretoglo	ENSG0000012.051564	-3.10387	3.957257	-0.78435
ENSG0000010237118			ENSG0000012.051564	-3.10387	3.957257	-0.78435
ENSG00000184765	ZNF577	zinc finger	ENSG0000012.051564	-3.10387	3.957257	-0.78435
ENSG0000010268660			ENSG0000012.051564	-3.10387	3.957257	-0.78435
ENSG000001284825	LINC01697	long interg	ENSG0000012.051564	-3.10387	3.957257	-0.78435
ENSG0000010279805			ENSG0000012.051564	-3.10387	3.957257	-0.78435
ENSG0000010228343			ENSG0000012.051564	-3.10387	3.957257	-0.78435
ENSG0000010217896			ENSG0000012.051564	-3.10387	3.957257	-0.78435

ENSG0000012729	GCLC	glutamate-	ENSG00000138564	0.74496	0.9501	0.784086
ENSG0000019811	CTIF	cap binding	ENSG00000149782	-0.70093	0.893991	-0.78404
ENSG000001550643	NBDY	negative re	ENSG00000112144	1.187289	1.514525	0.783935
ENSG00000155017	C14orf119	chromosom	ENSG00000119711	0.9662	1.23301	0.783611
ENSG0000019863	MAGI2	membrane	ENSG00000117087	-1.09073	1.392903	-0.78307
ENSG0000011512	CTSH	cathepsin I	ENSG00000143258	0.712224	0.910045	0.782625
ENSG000001132001	TAMM41	TAM41 mit	ENSG00000187376	-1.51783	1.940109	-0.78234
ENSG00000100235205			ENSG00000187376	-1.51783	1.940109	-0.78234
ENSG00000100174171			ENSG00000187376	-1.51783	1.940109	-0.78234
ENSG0000016191	RPS4X	ribosomal	ENSG00000128416	0.469328	0.600053	0.782145
ENSG00000110519	CIB1	calcium an	ENSG00000117133	-1.09833	1.40427	-0.78214
ENSG000001162963	ZNF610	zinc finger	ENSG00000156214	-1.93477	2.47453	-0.78187
ENSG00000100279166			ENSG00000112113	1.203201	1.539894	0.781353
ENSG0000019499	MYOT	myotilin	ENSG00000112113	1.203201	1.539894	0.781353
ENSG00000157706	DENND1A	DENN dom	ENSG00000124861	-0.9207	1.178565	-0.7812
ENSG000001116173	CMTM5	CKLF like M	ENSG00000115173	1.077391	1.379208	0.781167
ENSG0000014773	NFATC2	nuclear fac	ENSG00000118232	0.993627	1.272169	0.781049
ENSG00000179960	JADE1	jade family	ENSG00000181441	-0.60773	0.779199	-0.77994
ENSG0000011876	E2F6	E2F transcr	ENSG00000193008	1.336249	1.713314	0.77992
ENSG00000164425	POLR1E	RNA polym	ENSG00000193008	1.336249	1.713314	0.77992
ENSG00000154801	HAUS6	HAUS augr	ENSG00000128957	0.830296	1.064654	0.779874
ENSG000001100129482	ZNF37BP	zinc finger	ENSG00000122412	-0.977	1.253022	-0.77971
ENSG000001100885848	PTGES3L	prostaglan	ENSG00000165495	1.561875	2.003475	0.779583
ENSG000001148362	BROX	BRO1 dom	ENSG00000162758	0.621314	0.797059	0.779508
ENSG0000016923	ELOB	elongin B	ENSG00000130560	0.810672	1.040796	0.778895
ENSG0000015346	PLIN1	perilipin 1	ENSG00000113003	-1.51122	1.941689	-0.7783
ENSG000001813	CALU	calumenin	ENSG00000138776	0.418007	0.537091	0.77828
ENSG000001128553	TSHZ2	teashirt zin	ENSG00000117048	-1.08857	1.39899	-0.77811
ENSG00000184939	MUM1	melanoma	ENSG00000117065	-1.08689	1.397479	-0.77775
ENSG00000110384	BTN3A3	butyrophili	ENSG00000121314	0.927949	1.19312	0.77775
ENSG00000164757	MARC1	mitochond	ENSG00000114742	1.155689	1.486223	0.777601
ENSG0000012098	ESD	esterase D	ENSG00000156286	0.64327	0.827444	0.777418
ENSG00000157496	MRTFB	myocardin	ENSG00000188025	-0.57888	0.744678	-0.77735
ENSG00000157210	SLC45A4	solute carr	ENSG00000122855	0.901786	1.160403	0.777132
ENSG000001126375	ZNF792	zinc finger	ENSG00000114347	-1.17818	1.51612	-0.7771
ENSG000001730051	ZNF814	zinc finger	ENSG00000119688	-1.02032	1.313365	-0.77687
ENSG00000157546	PDP2	pyruvate d	ENSG00000111584	-1.30759	1.684113	-0.77642
ENSG0000016567	SLC16A2	solute carr	ENSG00000119643	-1.01365	1.30558	-0.7764
ENSG00000130833	NT5C	5', 3'-nucl	ENSG00000152159	1.733868	2.234245	0.776042
ENSG00000185027	SMIM3	small integ	ENSG00000127714	-0.90698	1.168908	-0.77592
ENSG00000155052	MRPL20	mitochond	ENSG00000142972	0.727353	0.937425	0.775905
ENSG0000014289	MKLN1	muskelin 1	ENSG00000113034	-0.51573	0.664752	-0.77582
ENSG00000163979	FIGNL1	fidgetin lik	ENSG00000112237	1.175474	1.515307	0.775733
ENSG000001152273	FGD5	FYVE, RhoC	ENSG00000134791	-0.79156	1.020426	-0.77571
ENSG00000155756	INTS9	integrator	ENSG00000116714	1.02782	1.325717	0.775293
ENSG00000166035	SLC2A11	solute carr	ENSG00000111562	-1.30202	1.679681	-0.77516
ENSG00000180829	ZFP91	ZFP91 zinc	ENSG00000110203	0.535472	0.690812	0.775135

ENSG0000I	ENSG0000I	137392	FAM92A	family with	ENSG0000I	32.32532	0.782304	1.009277	0.775113
ENSG0000I	ENSG0000I	53405	CLIC5	chloride in	ENSG0000I	716.4184	-0.41285	0.532716	-0.775
ENSG0000I	ENSG0000I	283578	TMED8	transmeml	ENSG0000I	38.63511	0.732871	0.945678	0.774969
ENSG0000I	ENSG0000I	57459	GATAD2B	GATA zinc	ENSG0000I	92.37884	-0.56036	0.723169	-0.77486
ENSG0000I	ENSG0000I	476	ATP1A1	ATPase Na	ENSG0000I	268.2157	-0.44277	0.571438	-0.77483
ENSG0000I	ENSG0000I	2079	ERH	ERH, mRN	ENSG0000I	27.54016	0.8354	1.078202	0.774808
ENSG0000I	ENSG0000I	57805	CCAR2	cell cycle a	ENSG0000I	34.99246	-0.80018	1.032866	-0.77472
ENSG0000I	ENSG0000I	84975	MFSD5	major facili	ENSG0000I	10.81927	1.235883	1.595305	0.7747
ENSG0000I	ENSG0000I	28971	AAMDC	adipogene	ENSG0000I	9.362495	1.317456	1.701494	0.774294
ENSG0000I	ENSG0000I	29	ABR	ABR, RhoG	ENSG0000I	209.9784	-0.4631	0.598093	-0.77429
ENSG0000I	ENSG0000I	11128	POLR3A	RNA polym	ENSG0000I	29.80359	-0.84238	1.088015	-0.77423
ENSG0000I	ENSG0000I	23094	SIPA1L3	signal indu	ENSG0000I	14.36396	-1.17615	1.51958	-0.774
ENSG0000I	ENSG0000I	460	ASTN1	astrotactin	ENSG0000I	2.090536	-3.12008	4.032189	-0.77379
ENSG0000I	ENSG00000261572				ENSG0000I	2.090536	-3.12008	4.032189	-0.77379
ENSG0000I	ENSG0000I	92369	SPSB4	splA/ryano	ENSG0000I	2.090536	-3.12008	4.032189	-0.77379
ENSG0000I	ENSG0000I	3742	KCNA6	potassium	ENSG0000I	2.090536	-3.12008	4.032189	-0.77379
ENSG0000I	ENSG0000I	440278	CATSPER2f	cation char	ENSG0000I	2.090536	-3.12008	4.032189	-0.77379
ENSG0000I	ENSG0000I	55184	DZANK1	double zinc	ENSG0000I	2.090536	-3.12008	4.032189	-0.77379
ENSG0000I	ENSG0000I	64405	CDH22	cadherin 2	ENSG0000I	2.090536	-3.12008	4.032189	-0.77379
ENSG0000I	ENSG0000I	10069	RWDD2B	RWD doma	ENSG0000I	19.83519	0.950267	1.228186	0.773716
ENSG0000I	ENSG0000I	3140	MR1	major histc	ENSG0000I	18.19362	0.995431	1.2869	0.773511
ENSG0000I	ENSG0000I	8566	PDXK	pyridoxal k	ENSG0000I	90.43308	-0.57245	0.740155	-0.77341
ENSG0000I	ENSG0000I	201626	PDE12	phosphodi	ENSG0000I	27.29337	-0.87624	1.133408	-0.7731
ENSG0000I	ENSG0000I	87	ACTN1	actinin alp	ENSG0000I	178.2731	0.505616	0.654026	0.773083
ENSG0000I	ENSG0000I	4715	NDUFB9	NADH:ubic	ENSG0000I	124.7881	0.515034	0.666246	0.773038
ENSG0000I	ENSG0000I	55022	PID1	phosphoty	ENSG0000I	27.79871	-0.91295	1.181279	-0.77285
ENSG0000I	ENSG0000I	51086	TNNI3K	TNNI3 inte	ENSG0000I	5.559899	-1.91805	2.48187	-0.77282
ENSG0000I	ENSG0000I	26135	SERBP1	SERPINE1 r	ENSG0000I	158.1266	-0.48718	0.630404	-0.77281
ENSG0000I	ENSG0000I	9014	TAF1B	TATA-box k	ENSG0000I	5.582524	-1.92895	2.496221	-0.77275
ENSG0000I	ENSG00000279519				ENSG0000I	5.582524	-1.92895	2.496221	-0.77275
ENSG0000I	ENSG00000232855				ENSG0000I	5.582524	-1.92895	2.496221	-0.77275
ENSG0000I	ENSG0000I	55222	LRRC20	leucine ricl	ENSG0000I	48.00989	-0.7392	0.95683	-0.77255
ENSG0000I	ENSG0000I	54877	ZCCHC2	zinc finger	ENSG0000I	61.23986	0.621834	0.804996	0.772468
ENSG0000I	ENSG0000I	9100	USP10	ubiquitin s|	ENSG0000I	80.81793	0.57119	0.739488	0.772413
ENSG0000I	ENSG0000I	4899	NRF1	nuclear res	ENSG0000I	19.79543	-1.03197	1.33622	-0.7723
ENSG0000I	ENSG0000I	84973	SNHG7	small nucle	ENSG0000I	8.78287	-1.53184	1.983698	-0.77222
ENSG0000I	ENSG0000I	7434	VIPR2	vasoactive	ENSG0000I	11.60735	-1.31301	1.7007	-0.77204
ENSG0000I	ENSG0000I	2023	ENO1	enolase 1	ENSG0000I	183.244	0.522626	0.677056	0.77191
ENSG0000I	ENSG0000I	1615	DARS	aspartyl-tR	ENSG0000I	77.52852	0.579248	0.750595	0.771719
ENSG0000I	ENSG0000I	9960	USP3	ubiquitin s|	ENSG0000I	30.74535	0.7958	1.031205	0.771718
ENSG0000I	ENSG0000I	84911	ZNF382	zinc finger	ENSG0000I	19.58173	-1.00837	1.306803	-0.77163
ENSG0000I	ENSG0000I	7862	BRPF1	bromodorr	ENSG0000I	16.9873	-1.08255	1.403453	-0.77135
ENSG0000I	ENSG0000I	8731	RNMT	RNA guanil	ENSG0000I	63.98233	-0.63248	0.820217	-0.77112
ENSG0000I	ENSG0000I	5858	PZP	PZP, alpha-	ENSG0000I	8.698647	-1.51384	1.964344	-0.77066
ENSG0000I	ENSG0000I	9487	PIGL	phosphatic	ENSG0000I	8.698647	-1.51384	1.964344	-0.77066
ENSG0000I	ENSG0000I	55662	HIF1AN	hypoxia inc	ENSG0000I	114.4905	-0.54244	0.703894	-0.77062
ENSG0000I	ENSG0000I	85465	SELENOI	selenoprot	ENSG0000I	40.13714	0.726634	0.94308	0.77049

ENSG000001122	CHML	CHM like, F	ENSG0000026.06077	0.847016	1.099396	0.770437
ENSG000005810	RAD1	RAD1 chec	ENSG0000027.316	-0.87862	1.140619	-0.7703
ENSG00000115273	RAB42	RAB42, me	ENSG000002.281608	-3.26325	4.238338	-0.76994
ENSG00000102724515	LINC01291	long interg	ENSG000002.281608	-3.26325	4.238338	-0.76994
ENSG000003769	KCNJ13	potassium	ENSG000002.281608	-3.26325	4.238338	-0.76994
ENSG00000152	ADRA2C	adrenocep	ENSG000002.281608	-3.26325	4.238338	-0.76994
ENSG0000029789	OLA1	Obg like A1	ENSG0000037.15572	0.736879	0.957902	0.769263
ENSG000006376	CX3CL1	C-X3-C mo	ENSG0000025.017	-0.9272	1.205348	-0.76924
ENSG0000079780	CCDC82	coiled-coil	ENSG0000022.18245	-0.95719	1.244394	-0.7692
ENSG00000393	ARHGAP4	Rho GTPas	ENSG000007.844125	1.452605	1.888585	0.76915
ENSG000008277	TKTL1	transketol	ENSG000007.844125	1.452605	1.888585	0.76915
ENSG000007837	PXDN	peroxidasi	ENSG0000056.56861	-0.65299	0.849007	-0.76912
ENSG0000055340	GIMAP5	GTPase, IV	ENSG000009.054505	1.415412	1.840443	0.769061
ENSG0000010776	ARPP19	cAMP regu	ENSG00000197.1011	0.468535	0.609249	0.769037
ENSG0000051655	RASD1	ras related	ENSG0000016.94204	-1.07482	1.397704	-0.76899
ENSG0000094107	TMEM203	transmeml	ENSG0000017.04262	-1.08309	1.409129	-0.76863
ENSG000002149	F2R	coagulation	ENSG0000030.80695	0.790885	1.029162	0.768475
ENSG000009253	NUMBL	NUMB like	ENSG0000011.53948	-1.29643	1.687075	-0.76845
ENSG00000114932	MRFAP1L1	Morf4 fam	ENSG0000048.43546	0.667917	0.869622	0.768055
ENSG0000084079	ANKRD27	ankyrin re	ENSG0000037.4021	-0.77501	1.00908	-0.76803
ENSG00000152098	ZCWPW2	zinc finger	ENSG000002.028939	-3.07892	4.01085	-0.76765
ENSG00000207497			ENSG000002.028939	-3.07892	4.01085	-0.76765
ENSG00000101929423	MEF2C-AS1	MEF2C ant	ENSG000002.028939	-3.07892	4.01085	-0.76765
ENSG000002822	GPLD1	glycosylph	ENSG000002.028939	-3.07892	4.01085	-0.76765
ENSG0000079751	SLC25A22	solute carr	ENSG000002.028939	-3.07892	4.01085	-0.76765
ENSG0000011251	PTGDR2	prostaglan	ENSG000002.028939	-3.07892	4.01085	-0.76765
ENSG00000199745	THAP8	THAP dom	ENSG000002.028939	-3.07892	4.01085	-0.76765
ENSG00000128864	C20orf144	chromosor	ENSG000002.028939	-3.07892	4.01085	-0.76765
ENSG0000051094	ADIPOR1	adiponecti	ENSG00000124.137	0.528814	0.688879	0.767645
ENSG0000051018	RRP15	ribosomal	ENSG0000037.08784	0.745403	0.971306	0.767424
ENSG00000821	CANX	calnexin	ENSG00000630.6964	0.401218	0.522919	0.767266
ENSG0000056271	BEX4	brain expr	ENSG0000024.3903	0.886899	1.156244	0.767052
ENSG000006948	TCN2	transcobal	ENSG0000035.39096	0.759388	0.990135	0.766954
ENSG0000057035	RSRP1	arginine ar	ENSG0000048.17272	0.679135	0.885573	0.766887
ENSG0000091369	ANKRD40	ankyrin re	ENSG0000087.50424	-0.56704	0.739911	-0.76636
ENSG00000375775	PNPLA7	patatin like	ENSG0000016.90307	-1.07265	1.400132	-0.76611
ENSG0000023460	ABCA6	ATP bindin	ENSG00000138.7566	-0.52926	0.691019	-0.76591
ENSG0000011329	STK38	serine/thre	ENSG0000053.22689	0.647468	0.845476	0.765802
ENSG000009249	DHRS3	dehydroge	ENSG0000039.53266	-0.74318	0.970663	-0.76564
ENSG00000219654	ZCCHC24	zinc finger	ENSG00000103.879	-0.53626	0.70044	-0.7656
ENSG0000051186	TCEAL9	transcripti	ENSG0000016.98102	-1.07703	1.406935	-0.76552
ENSG0000091304	TMEM259	transmeml	ENSG0000024.63106	-0.9026	1.179358	-0.76533
ENSG000009737	GPRASP1	G protein-c	ENSG0000034.82022	-0.79593	1.040051	-0.76528
ENSG000005695	PSMB7	proteasom	ENSG0000077.56749	0.578502	0.755956	0.765258
ENSG0000079665	DHX40	DEAH-box	ENSG0000032.24737	0.784952	1.026198	0.764912
ENSG000005226	PGD	phosphogl	ENSG0000041.98612	0.701922	0.91821	0.764447
ENSG00000200081	TXLNA	taxilin alph	ENSG0000066.6861	-0.63722	0.833799	-0.76424

ENSG000001387751	GVINP1	GTPase, ve	ENSG00000124.4192	0.874232	1.144024	0.764173
ENSG00000188455	ANKRD13A	ankyrin re	ENSG00000144.90594	0.698575	0.914207	0.764132
ENSG00000179074	C2orf49	chromosor	ENSG00000116.88045	-1.06875	1.398693	-0.76411
ENSG0000019681	DEPDC5	DEP domai	ENSG00000116.88045	-1.06875	1.398693	-0.76411
ENSG000001100131187	TSTD1	thiosulfate	ENSG0000013.904996	1.974869	2.58543	0.763846
ENSG000001245711	SPDYA	speedy/RIP	ENSG0000013.904996	1.974869	2.58543	0.763846
ENSG0000010251139			ENSG0000013.904996	1.974869	2.58543	0.763846
ENSG0000019617	MTRF1	mitochond	ENSG00000112.36026	1.14837	1.503649	0.763722
ENSG00000126508	HEYL	hes relatec	ENSG00000129.65777	-0.83297	1.090694	-0.76371
ENSG0000018650	NUMB	NUMB, enc	ENSG00000176.1786	0.572692	0.750074	0.763514
ENSG000001246330	PELI3	pellino E3	ENSG0000018.692369	-1.50339	1.969445	-0.76336
ENSG00000123302	WSCD1	WSC doma	ENSG0000018.692369	-1.50339	1.969445	-0.76336
ENSG0000018683	SRSF9	serine and	ENSG00000111.47788	-1.28775	1.687008	-0.76333
ENSG00000123379	ICE1	interactor	ENSG00000196.70535	-0.54454	0.713429	-0.76327
ENSG000001408	ARRB1	arrestin be	ENSG00000130.65485	0.810056	1.061505	0.76312
ENSG00000183595	SOX7	SRY-box 7	ENSG0000018.591799	-1.48805	1.950134	-0.76305
ENSG00000151332	SPTBN5	spectrin be	ENSG0000018.591799	-1.48805	1.950134	-0.76305
ENSG00000123076	RRP1B	ribosomal	ENSG00000122.12085	-0.95246	1.248448	-0.76291
ENSG0000010256837			ENSG0000015.498301	-1.90113	2.492025	-0.76289
ENSG0000011973	EIF4A1	eukaryotic	ENSG0000015.498301	-1.90113	2.492025	-0.76289
ENSG0000010264596			ENSG0000015.498301	-1.90113	2.492025	-0.76289
ENSG0000017789	ZXDA	zinc finger	ENSG0000015.498301	-1.90113	2.492025	-0.76289
ENSG0000018087	FXR1	FMR1 auto	ENSG000001172.274	-0.47838	0.627238	-0.76267
ENSG00000122978	NT5C2	5'-nucleoti	ENSG00000143.30335	0.707643	0.928273	0.762323
ENSG0000018528	DDO	D-aspartat	ENSG00000126.16134	0.8397	1.101551	0.762288
ENSG0000015984	RFC4	replication	ENSG0000013.966594	1.91956	2.518738	0.762112
ENSG0000010267364			ENSG0000013.966594	1.91956	2.518738	0.762112
ENSG000001284756	C2orf197	chromosor	ENSG0000013.966594	1.91956	2.518738	0.762112
ENSG00000110216	PRG4	proteoglyc	ENSG00000112.79654	-1.48397	1.947388	-0.76203
ENSG0000010279839			ENSG0000011.989966	-3.06259	4.020742	-0.7617
ENSG0000011491	CTH	cystathioni	ENSG0000011.989966	-3.06259	4.020742	-0.7617
ENSG000001666	BOK	BCL2 famil	ENSG0000011.989966	-3.06259	4.020742	-0.7617
ENSG000001285220	EPHA6	EPH recept	ENSG0000011.989966	-3.06259	4.020742	-0.7617
ENSG0000010206417			ENSG0000011.989966	-3.06259	4.020742	-0.7617
ENSG0000017018	TF	transferrin	ENSG0000011.989966	-3.06259	4.020742	-0.7617
ENSG000001693155	MIR570	microRNA	ENSG0000011.989966	-3.06259	4.020742	-0.7617
ENSG0000010270681			ENSG0000011.989966	-3.06259	4.020742	-0.7617
ENSG000001100874239	ARHGAP26	ARHGAP26	ENSG0000011.989966	-3.06259	4.020742	-0.7617
ENSG0000010273489			ENSG0000011.989966	-3.06259	4.020742	-0.7617
ENSG000001101927003	PKIA-AS1	PKIA antise	ENSG0000011.989966	-3.06259	4.020742	-0.7617
ENSG00000190990	KIFC2	kinesin fan	ENSG0000011.989966	-3.06259	4.020742	-0.7617
ENSG0000010228169			ENSG0000011.989966	-3.06259	4.020742	-0.7617
ENSG0000010261324			ENSG0000011.989966	-3.06259	4.020742	-0.7617
ENSG00000184070	FAM186B	family with	ENSG0000011.989966	-3.06259	4.020742	-0.7617
ENSG0000010259425			ENSG0000011.989966	-3.06259	4.020742	-0.7617
ENSG000001100463285	MTRNR2L4	MT-RNR2	ENSG0000011.989966	-3.06259	4.020742	-0.7617
ENSG0000010261669			ENSG0000011.989966	-3.06259	4.020742	-0.7617

ENSG0000I	ENSG00000279589		ENSG0000I	1.989966	-3.06259	4.020742	-0.7617	
ENSG0000I	ENSG0000I(92340	PRR29	proline ric	ENSG0000I	1.989966	-3.06259	4.020742	-0.7617
ENSG0000I	ENSG0000I(374887	YJEFN3	YjeF N-terr	ENSG0000I	1.989966	-3.06259	4.020742	-0.7617
ENSG0000I	ENSG0000I(164312	LRRN4	leucine ric	ENSG0000I	1.989966	-3.06259	4.020742	-0.7617
ENSG0000I	ENSG0000I(56683	CFAP298	cilia and fl	ENSG0000I	1.989966	-3.06259	4.020742	-0.7617
ENSG0000I	ENSG0000I(8933	RTL8C	retrotransç	ENSG0000I	94.1767	0.540282	0.709433	0.761568
ENSG0000I	ENSG0000I(10124	ARL4A	ADP ribosy	ENSG0000I	10.84189	1.222163	1.605057	0.761445
ENSG0000I	ENSG0000I(84875	PARP10	poly(ADP-r	ENSG0000I	10.84189	1.222163	1.605057	0.761445
ENSG0000I	ENSG0000I(51361	HOOK1	hook micrc	ENSG0000I	11.4389	-1.28471	1.687467	-0.76132
ENSG0000I	ENSG0000I(8082	SSPN	sarcospan	ENSG0000I	35.63107	0.747204	0.981635	0.761183
ENSG0000I	ENSG0000I(1522	CTSZ	cathepsin z	ENSG0000I	122.8021	0.520413	0.683749	0.761116
ENSG0000I	ENSG0000I(7581	ZNF33A	zinc finger	ENSG0000I	105.4527	0.526938	0.692424	0.761005
ENSG0000I	ENSG00000259828		ENSG0000I	9.401467	1.315395	1.728813	0.760866	
ENSG0000I	ENSG0000I(8312	AXIN1	axin 1	ENSG0000I	24.5424	0.861603	1.133036	0.760438
ENSG0000I	ENSG0000I(7111	TMOD1	tropomodt	ENSG0000I	127.2689	-0.50578	0.665156	-0.76039
ENSG0000I	ENSG0000I(152185	SPICE1	spindle anc	ENSG0000I	14.17916	-1.15482	1.519164	-0.76017
ENSG0000I	ENSG0000I(57461	ISY1	ISY1 splicin	ENSG0000I	8.028919	1.384051	1.821832	0.759703
ENSG0000I	ENSG0000I(727851	RGPD8	RANBP2-li	ENSG0000I	5.520926	-1.91206	2.517278	-0.75957
ENSG0000I	ENSG0000I(55076	TMEM45A	transmeml	ENSG0000I	5.520926	-1.91206	2.517278	-0.75957
ENSG0000I	ENSG0000I(1840	DTX1	deltex E3 u	ENSG0000I	5.520926	-1.91206	2.517278	-0.75957
ENSG0000I	ENSG0000I(51172	NAGPA	N-acetylgl	ENSG0000I	5.520926	-1.91206	2.517278	-0.75957
ENSG0000I	ENSG0000I(5096	PCCB	propionyl-(	ENSG0000I	73.64955	0.610173	0.803453	0.759438
ENSG0000I	ENSG0000I(25946	ZNF385A	zinc finger	ENSG0000I	12.07123	-1.36872	1.802546	-0.75932
ENSG0000I	ENSG0000I(9107	MTMR6	myotubula	ENSG0000I	58.32004	0.620312	0.816991	0.759264
ENSG0000I	ENSG0000I(51726	DNAJB11	DnaJ heat s	ENSG0000I	15.3354	1.054116	1.388371	0.759247
ENSG0000I	ENSG0000I(11212	PLPBP	pyridoxal p	ENSG0000I	46.59655	0.6922	0.913287	0.757922
ENSG0000I	ENSG0000I(148534	TMEM56	transmeml	ENSG0000I	76.32442	0.567702	0.749483	0.757459
ENSG0000I	ENSG0000I(6609	SMPD1	sphingomy	ENSG0000I	32.06741	-0.80077	1.057418	-0.75729
ENSG0000I	ENSG0000I(1844	DUSP2	dual specif	ENSG0000I	6.510549	1.563233	2.064341	0.757255
ENSG0000I	ENSG0000I(3073	HEXA	hexosamin	ENSG0000I	14.14019	-1.15229	1.522584	-0.7568
ENSG0000I	ENSG0000I(4849	CNOT3	CCR4-NOT	ENSG0000I	16.8641	-1.07041	1.414392	-0.7568
ENSG0000I	ENSG0000I(25824	PRDX5	peroxiredo	ENSG0000I	115.2731	0.518766	0.685714	0.756535
ENSG0000I	ENSG0000I(23168	RTF1	RTF1 homc	ENSG0000I	63.38898	-0.61593	0.81468	-0.75604
ENSG0000I	ENSG0000I(64798	DEPTOR	DEP domai	ENSG0000I	14.33126	-1.17982	1.560555	-0.75602
ENSG0000I	ENSG0000I(6192	RPS4Y1	ribosomal	ENSG0000I	81.27802	0.55605	0.735531	0.755985
ENSG0000I	ENSG0000I(34	ACADM	acyl-CoA d	ENSG0000I	236.2722	0.474878	0.628251	0.755872
ENSG0000I	ENSG0000I(2104	ESRRG	estrogen r	ENSG0000I	65.75965	-0.6083	0.804833	-0.75581
ENSG0000I	ENSG0000I(6283	S100A12	S100 calciu	ENSG0000I	6.633745	1.505692	1.992356	0.755735
ENSG0000I	ENSG0000I(100628315	DNM3OS	DNM3 opp	ENSG0000I	6.633745	1.505692	1.992356	0.755735
ENSG0000I	ENSG0000I(25934	NIPSNAP3	nipsnap ho	ENSG0000I	12.42186	1.134992	1.502089	0.755609
ENSG0000I	ENSG00000257261		ENSG0000I	5.238572	1.694706	2.243585	0.755356	
ENSG0000I	ENSG0000I(5427	POLE2	DNA polyn	ENSG0000I	5.238572	1.694706	2.243585	0.755356
ENSG0000I	ENSG0000I(55839	CENPN	centromer	ENSG0000I	5.238572	1.694706	2.243585	0.755356
ENSG0000I	ENSG0000I(29899	GPSM2	G protein s	ENSG0000I	8.552826	-1.48408	1.96501	-0.75525
ENSG0000I	ENSG0000I(10965	ACOT2	acyl-CoA t	ENSG0000I	27.36504	-0.87599	1.160091	-0.75511
ENSG0000I	ENSG0000I(23341	DNAJC16	DnaJ heat s	ENSG0000I	39.50376	-0.73929	0.979269	-0.75494
ENSG0000I	ENSG0000I(51560	RAB6B	RAB6B, me	ENSG0000I	39.50376	-0.73929	0.979269	-0.75494

ENSG0000019906	SLC35E2A	solute carr	ENSG000001967341	-3.03685	4.024865	-0.75452
ENSG00000171423	PDIA3P1	protein dis	ENSG000001967341	-3.03685	4.024865	-0.75452
ENSG00000232626			ENSG000001967341	-3.03685	4.024865	-0.75452
ENSG00000151127	TRIM17	tripartite r	ENSG000001967341	-3.03685	4.024865	-0.75452
ENSG000001403150	FLJ13136	uncharacte	ENSG000001967341	-3.03685	4.024865	-0.75452
ENSG000001285266	ENTPD3-AS	ENTPD3 an	ENSG000001967341	-3.03685	4.024865	-0.75452
ENSG0000019435	CHST2	carbohydr	ENSG000001967341	-3.03685	4.024865	-0.75452
ENSG00000151555	PEX5L	peroxisom	ENSG000001967341	-3.03685	4.024865	-0.75452
ENSG00000155330	BLOC1S4	biogenesis	ENSG000001967341	-3.03685	4.024865	-0.75452
ENSG00000279522			ENSG000001967341	-3.03685	4.024865	-0.75452
ENSG00000253811			ENSG000001967341	-3.03685	4.024865	-0.75452
ENSG00000238035			ENSG000001967341	-3.03685	4.024865	-0.75452
ENSG00000282024			ENSG000001967341	-3.03685	4.024865	-0.75452
ENSG00000101928307	LOC101928	uncharacte	ENSG000001967341	-3.03685	4.024865	-0.75452
ENSG00000235286			ENSG000001967341	-3.03685	4.024865	-0.75452
ENSG000001624	BDKRB2	bradykinin	ENSG000001967341	-3.03685	4.024865	-0.75452
ENSG00000267504			ENSG000001967341	-3.03685	4.024865	-0.75452
ENSG00000148203	ZNF738	zinc finger	ENSG000001967341	-3.03685	4.024865	-0.75452
ENSG00000278917			ENSG000001967341	-3.03685	4.024865	-0.75452
ENSG00000184701	COX4I2	cytochrom	ENSG000001967341	-3.03685	4.024865	-0.75452
ENSG000001150248	C22orf15	chromosom	ENSG000001967341	-3.03685	4.024865	-0.75452
ENSG00000101927352	PLS3-AS1	PLS3 antise	ENSG000001967341	-3.03685	4.024865	-0.75452
ENSG000001563	AZGP1	alpha-2-gly	ENSG000001701135	1.177561	1.560844	0.754439
ENSG000001390595	UBAP1L	ubiquitin a	ENSG0000018569173	-1.48065	1.963315	-0.75416
ENSG00000111091	WDR5	WD repeat	ENSG000001937431	-0.989	1.311421	-0.75414
ENSG00000127185	DISC1	DISC1 scaff	ENSG000001341743	0.749129	0.99348	0.754045
ENSG000001152518	NFXL1	nuclear tra	ENSG0000012130831	0.937254	1.243206	0.753901
ENSG0000019941	EXOG	exo/endon	ENSG0000012730344	-0.87206	1.156763	-0.75388
ENSG00000154492	NEURL1B	neuralized	ENSG0000014687851	-0.69581	0.923197	-0.75369
ENSG00000155729	ATF7IP	activating t	ENSG0000011755523	0.457837	0.607495	0.753648
ENSG0000014338	MOCS2	molybdent	ENSG0000015517645	0.62752	0.832675	0.75362
ENSG0000016117	RPA1	replication	ENSG0000014905431	-0.67683	0.898114	-0.75362
ENSG000001139221	MUM1L1	MUM1 like	ENSG0000011686005	1.001164	1.328605	0.753545
ENSG00000123112	TNRC6B	trinucleoti	ENSG0000013009335	-0.42006	0.557582	-0.75335
ENSG00000179811	SLTM	SAFB like tr	ENSG0000011060485	-0.5302	0.703875	-0.75326
ENSG00000110267	RAMP1	receptor ac	ENSG0000014213194	0.692454	0.919383	0.753173
ENSG0000015621	PRNP	prion prote	ENSG0000012052022	0.446216	0.592453	0.753168
ENSG0000015101	PCDH9	protocadhe	ENSG0000011786556	-0.46897	0.622834	-0.75296
ENSG00000125979	DHRS7B	dehydroge	ENSG0000012004261	0.920527	1.223152	0.752586
ENSG00000126517	TIMM13	translocase	ENSG0000011670795	1.040921	1.383215	0.752537
ENSG0000017881	KCNAB1	potassium	ENSG0000011415654	-1.15022	1.528803	-0.75237
ENSG0000011181	CLCN2	chloride vc	ENSG0000015436703	-1.88401	2.504829	-0.75215
ENSG000001339201	ASB16-AS1	ASB16 anti	ENSG0000015436703	-1.88401	2.504829	-0.75215
ENSG000001125061	AFMID	arylforman	ENSG0000012196875	-0.93574	1.245157	-0.7515
ENSG0000016136	RPL12	ribosomal	ENSG0000012278205	0.460556	0.612853	0.751495
ENSG00000157606	SLAIN2	SLAIN moti	ENSG0000019646902	-0.53897	0.717423	-0.75126
ENSG0000014713	NDUFB7	NADH:ubic	ENSG0000012742704	0.855518	1.139367	0.750871

ENSG00000111309	SLCO2B1	solute carr	ENSG00000177.14468	0.684397	0.911595	0.750768
ENSG0000013131	HLF	HLF, PAR b	ENSG00000153.62774	0.705977	0.940406	0.750716
ENSG00000179750	ZNF385D	zinc finger	ENSG00000117.20099	-1.10881	1.477147	-0.75064
ENSG000001115004	CGAS	cyclic GMP	ENSG0000018.090517	1.362002	1.815278	0.750299
ENSG00000157001	SDHAF3	succinate c	ENSG0000018.090517	1.362002	1.815278	0.750299
ENSG0000015496	PPM1G	protein ph	ENSG00000144.1219	-0.69734	0.929422	-0.75029
ENSG0000016613	SUMO2	small ubiq	ENSG00000158.48848	0.612046	0.815799	0.750241
ENSG0000012764	GMFB	glia matur	ENSG00000151.99389	0.636538	0.848575	0.750126
ENSG000001282991	BLOC1S2	biogenesis	ENSG00000118.40104	0.962658	1.283341	0.750118
ENSG0000013707	ITPKB	inositol-tri	ENSG00000147.28707	-0.71101	0.948183	-0.74987
ENSG000001158	ADSL	adenylosuc	ENSG00000139.0663	0.706047	0.941621	0.749821
ENSG0000016767	ST13	ST13, Hsp7	ENSG000001190.364	0.451332	0.601951	0.749781
ENSG0000019905	SGSM2	small G prc	ENSG00000131.95049	-0.7969	1.063113	-0.74959
ENSG00000164081	PBLD	phenazine	ENSG00000110.85824	1.233318	1.645546	0.749488
ENSG000001119587	CPXM2	carboxypep	ENSG00000111.94424	-1.36627	1.823067	-0.74944
ENSG00000155153	SDAD1	SDA1 dom	ENSG00000124.46262	-0.88859	1.185845	-0.74933
ENSG0000015817	PVR	poliovirus	ENSG00000160.87248	-0.61946	0.826688	-0.74932
ENSG000001100113407	TMEM170I	transmembr	ENSG00000127.90975	0.802477	1.071012	0.74927
ENSG000001148738	HJV	hemojuvel	ENSG00000140.69152	0.693503	0.925739	0.749135
ENSG0000016874	TAF4	TATA-box b	ENSG00000114.05597	-1.14045	1.522657	-0.74899
ENSG000001284131	ENDOV	endonucle	ENSG00000112.39923	1.146165	1.530836	0.748719
ENSG0000015201	PFDN1	prefoldin s	ENSG00000139.08893	0.703385	0.939535	0.748652
ENSG0000010280434			ENSG0000018.507576	-1.46918	1.962683	-0.74856
ENSG0000013903	LAIR1	leukocyte	ENSG00000115.56022	1.234531	1.649739	0.748319
ENSG000001114049	BUD23	BUD23, rRI	ENSG00000142.08041	0.700963	0.936793	0.748258
ENSG0000016202	RPS8	ribosomal	ENSG000001282.109	0.445922	0.595959	0.748243
ENSG0000016218	RPS17	ribosomal	ENSG000001150.3267	0.477376	0.63804	0.748191
ENSG0000015743	PTGS2	prostaglan	ENSG0000014.028192	1.866502	2.49554	0.747935
ENSG000001100874058	COX10-AS1	COX10 anti	ENSG0000014.028192	1.866502	2.49554	0.747935
ENSG000001100506215	PAXBP1-AS	PAXBP1 an	ENSG0000014.028192	1.866502	2.49554	0.747935
ENSG00000158493	INIP	INTS3 and	ENSG00000118.46264	0.954085	1.27569	0.747897
ENSG00000183938	LRMDA	leucine ric	ENSG00000115.397	1.043449	1.395316	0.747823
ENSG0000010281969			ENSG0000015.176974	1.733826	2.318594	0.747792
ENSG00000123584	VSIG2	V-set and i	ENSG0000015.176974	1.733826	2.318594	0.747792
ENSG00000126519	TIMM10	translocase	ENSG0000016.695343	1.477997	1.976702	0.747708
ENSG0000019097	USP14	ubiquitin s	ENSG00000158.60238	-0.63092	0.843864	-0.74766
ENSG00000156975	FAM20C	FAM20C, g	ENSG00000116.69565	-1.0504	1.405293	-0.74746
ENSG000001388610	TRNP1	TMF1-regu	ENSG00000113.94023	1.078592	1.44303	0.74745
ENSG0000014882	NPR2	natriuretic	ENSG00000122.06932	-0.94237	1.260912	-0.74737
ENSG000001389136	VGLL3	vestigial lik	ENSG00000151.44761	-0.66526	0.890865	-0.74676
ENSG000001124245	ZC3H18	zinc finger	ENSG00000124.38467	-0.88539	1.186306	-0.74634
ENSG00000192370	PXYLP1	2-phospho	ENSG00000120.00364	0.922266	1.236175	0.746064
ENSG00000156943	ENY2	ENY2, tran	ENSG00000129.53497	0.77979	1.045626	0.745764
ENSG00000184262	PSMG3	proteasom	ENSG0000019.38512	1.301309	1.745187	0.745656
ENSG00000158472	SQOR	sulfide qui	ENSG0000019.38512	1.301309	1.745187	0.745656
ENSG00000164963	MRPS11	mitochond	ENSG00000116.7736	-1.05484	1.414661	-0.74565
ENSG00000157616	TSHZ3	teashirt zin	ENSG0000018.491228	-1.47262	1.977014	-0.74487

ENSG000001277496		ENSG000001277496	8.491228	-1.47262	1.977014	-0.74487	
ENSG00000181846	SBF2	SET binding	ENSG00000181846	84.72252	-0.56018	0.752053	-0.74486
ENSG00000127246	RNF115	ring finger	ENSG00000127246	242.4266	0.426887	0.573142	0.744818
ENSG0000015052	PRDX1	peroxiredo	ENSG0000015052	74.8513	0.564684	0.758428	0.744546
ENSG00000157649	PHF12	PHD finger	ENSG00000157649	36.72453	-0.74276	0.997767	-0.74442
ENSG0000016733	SRPK2	SRSF prote	ENSG0000016733	48.80505	0.649735	0.872882	0.744356
ENSG00000155207	ARL8B	ADP ribosy	ENSG00000155207	92.96632	0.531561	0.714199	0.744276
ENSG00000155825	PECR	peroxisom	ENSG00000155825	6.448952	1.593786	2.141624	0.744195
ENSG00000136	ACADSB	acyl-CoA d	ENSG00000136	99.49989	0.523294	0.703355	0.743997
ENSG000001256302	NATD1	N-acetyltra	ENSG000001256302	37.04886	-0.75695	1.017603	-0.74386
ENSG000001118487	CHCHD1	coiled-coil	ENSG000001118487	9.508316	1.264406	1.700569	0.74352
ENSG00000154851	ANKRD49	ankyrin reğ	ENSG00000154851	9.508316	1.264406	1.700569	0.74352
ENSG000001728	C5AR1	compleme	ENSG000001728	9.508316	1.264406	1.700569	0.74352
ENSG00000151258	MRPL51	mitochond	ENSG00000151258	60.27587	0.600488	0.807657	0.743494
ENSG0000014094	MAF	MAF bZIP t	ENSG0000014094	45.97678	0.71773	0.965424	0.743435
ENSG0000019784	SNX17	sorting nex	ENSG0000019784	51.97754	0.635628	0.855823	0.74271
ENSG000001150776	LOC150776	sphingomy	ENSG000001150776	22.02028	-0.94579	1.273573	-0.74262
ENSG0000014642	MYO1D	myosin ID	ENSG0000014642	22.02028	-0.94579	1.273573	-0.74262
ENSG00000127086	FOXP1	forkhead b	ENSG00000127086	84.57919	-0.55948	0.753649	-0.74236
ENSG00000122881	ANKRD6	ankyrin reğ	ENSG00000122881	8.445978	-1.45764	1.963624	-0.74232
ENSG0000011602	DACH1	dachshund	ENSG0000011602	8.445978	-1.45764	1.963624	-0.74232
ENSG00000154531	MIER2	MIER famil	ENSG00000154531	8.445978	-1.45764	1.963624	-0.74232
ENSG00000154165	DCUN1D1	defective ii	ENSG00000154165	48.9119	0.642702	0.866902	0.741377
ENSG00000110398	MYL9	myosin ligł	ENSG00000110398	741.1356	0.376755	0.508306	0.741197
ENSG00000110742	RAI2	retinoic aci	ENSG00000110742	19.22849	-0.97478	1.315382	-0.74106
ENSG000001137735	ABRA	actin bindiı	ENSG000001137735	18.45636	0.96554	1.303084	0.740965
ENSG0000015425	POLD2	DNA polyn	ENSG0000015425	51.06744	0.688267	0.929107	0.740783
ENSG00000191404	SESTD1	SEC14 and	ENSG00000191404	56.04692	-0.63459	0.856813	-0.74064
ENSG0000019831	ZNF623	zinc finger	ENSG0000019831	26.79431	-0.84143	1.136389	-0.74044
ENSG0000013054	HCFC1	host cell fa	ENSG0000013054	70.1025	-0.58299	0.78747	-0.74033
ENSG0000010251615			ENSG0000010251615	5.375105	-1.86665	2.521504	-0.74029
ENSG0000014674	NAP1L2	nucleosom	ENSG0000014674	8.608146	-1.48503	2.00659	-0.74008
ENSG00000123133	PHF8	PHD finger	ENSG00000123133	36.62396	-0.73865	0.998629	-0.73967
ENSG000001151887	CCDC80	coiled-coil	ENSG000001151887	261.608	0.490191	0.662862	0.739507
ENSG00000111314	CD300A	CD300a mç	ENSG00000111314	15.24857	3.082408	4.168235	0.7395
ENSG0000016341	SCO1	SCO1, cyto	ENSG0000016341	39.05622	-0.72046	0.974395	-0.73939
ENSG00000183638	C11orf68	chromosor	ENSG00000183638	11.27046	-1.25566	1.69863	-0.73922
ENSG0000017402	UTRN	utrophin	ENSG0000017402	486.8096	-0.39941	0.540355	-0.73916
ENSG000001472	ATM	ATM serinç	ENSG000001472	144.6266	0.467807	0.63297	0.739066
ENSG0000019052	GPRC5A	G protein-ç	ENSG0000019052	5.35248	-1.8552	2.510444	-0.73899
ENSG00000128512	NKIRAS1	NFKB inhib	ENSG00000128512	15.56545	1.005933	1.361512	0.738835
ENSG00000110988	METAP2	methionyl	ENSG00000110988	65.26844	0.582702	0.788832	0.73869
ENSG0000010215158			ENSG0000010215158	9.569914	1.246435	1.687385	0.738678
ENSG000001171392	ZNF675	zinc finger	ENSG000001171392	9.569914	1.246435	1.687385	0.738678
ENSG00000159084	ENPP5	ectonucleo	ENSG00000159084	8.152115	1.340211	1.815032	0.738395
ENSG000001286410	ATP11C	ATPase phç	ENSG000001286410	30.27623	-0.87711	1.188056	-0.73827
ENSG00000179832	QSER1	glutamine	ENSG00000179832	70.0409	-0.58138	0.787585	-0.73818

ENSG0000010383	TUBB4B	tubulin bet	ENSG00000128.0424	0.513479	0.695608	0.738172
ENSG0000027253	PCDH17	protocadherin	ENSG0000011.23149	-1.25257	1.697043	-0.73809
ENSG000005878	RAB5C	RAB5C, member	ENSG0000013.98548	1.059364	1.435653	0.737897
ENSG000008431	NR0B2	nuclear receptor	ENSG000001.905743	-2.99363	4.05786	-0.73774
ENSG0000100505795	LOC100505795	uncharacterized	ENSG000001.905743	-2.99363	4.05786	-0.73774
ENSG000009293	GPR52	G protein-coupled	ENSG000001.905743	-2.99363	4.05786	-0.73774
ENSG00000339803	LOC339803	uncharacterized	ENSG000001.905743	-2.99363	4.05786	-0.73774
ENSG0000101927023	LOC101927023	uncharacterized	ENSG000001.905743	-2.99363	4.05786	-0.73774
ENSG00000227249			ENSG000001.905743	-2.99363	4.05786	-0.73774
ENSG00000232533			ENSG000001.905743	-2.99363	4.05786	-0.73774
ENSG00000251468			ENSG000001.905743	-2.99363	4.05786	-0.73774
ENSG00000254088			ENSG000001.905743	-2.99363	4.05786	-0.73774
ENSG00000230112			ENSG000001.905743	-2.99363	4.05786	-0.73774
ENSG00000268659			ENSG000001.905743	-2.99363	4.05786	-0.73774
ENSG00000272734			ENSG000001.905743	-2.99363	4.05786	-0.73774
ENSG00000280550			ENSG000001.905743	-2.99363	4.05786	-0.73774
ENSG00000283212	KLHL35	kelch like family	ENSG000001.905743	-2.99363	4.05786	-0.73774
ENSG0000028022	BLOC1S1-R	BLOC1S1-R	ENSG000001.905743	-2.99363	4.05786	-0.73774
ENSG0000025895	EEF1AKMT	EEF1A lysine	ENSG000001.905743	-2.99363	4.05786	-0.73774
ENSG00000250091			ENSG000001.905743	-2.99363	4.05786	-0.73774
ENSG00000274471			ENSG000001.905743	-2.99363	4.05786	-0.73774
ENSG00000348094	ANKDD1A	ankyrin repeat	ENSG000001.905743	-2.99363	4.05786	-0.73774
ENSG00000278668			ENSG000001.905743	-2.99363	4.05786	-0.73774
ENSG00000201501	ZBTB7C	zinc finger	ENSG000001.905743	-2.99363	4.05786	-0.73774
ENSG000002805549	LOC10050549	uncharacterized	ENSG000001.905743	-2.99363	4.05786	-0.73774
ENSG0000084330	ZNF414	zinc finger	ENSG000001.905743	-2.99363	4.05786	-0.73774
ENSG00000268438			ENSG000001.905743	-2.99363	4.05786	-0.73774
ENSG0000084807	NFKBID	NFKB inhibitor	ENSG000001.905743	-2.99363	4.05786	-0.73774
ENSG0000055321	TMEM74B	transmembrane	ENSG000001.905743	-2.99363	4.05786	-0.73774
ENSG00000150082	LCA5L	LCA5L, leucine	ENSG000001.905743	-2.99363	4.05786	-0.73774
ENSG0000090625	ERVH48-1	endogenous	ENSG000001.905743	-2.99363	4.05786	-0.73774
ENSG000002747	GLUD2	glutamate	ENSG000001.905743	-2.99363	4.05786	-0.73774
ENSG000005188	GATB	glutamyl-tRNA	ENSG0000066.54905	0.653079	0.885462	0.737558
ENSG000006640	SNTA1	syntrophin	ENSG00000122.2605	0.503628	0.682974	0.737404
ENSG0000024140	FTSJ1	FtsJ RNA	ENSG0000017.10644	0.96384	1.307566	0.737126
ENSG0000084062	DTNBP1	dystrobrevin	ENSG0000014.03962	-1.1424	1.550124	-0.73697
ENSG000006232	RPS27	ribosomal	ENSG0000052.24028	0.625315	0.848562	0.736912
ENSG0000055835	CENPJ	centromere	ENSG0000011.25411	-1.25831	1.707551	-0.73691
ENSG000009853	RUSC2	RUN and SMC	ENSG0000043.85288	-0.68587	0.930847	-0.73682
ENSG000003909	LAMA3	laminin subunit	ENSG0000019.77908	-1.03248	1.401572	-0.73666
ENSG0000080135	RPF1	ribosome	ENSG0000024.91198	0.824506	1.119822	0.736283
ENSG0000023086	EXPH5	exophilin 5	ENSG0000011.43263	-1.27677	1.734336	-0.73617
ENSG00000203	AK1	adenylate	ENSG0000022.47788	-0.97325	1.322517	-0.73591
ENSG000008894	EIF2S2	eukaryotic	ENSG0000066.93891	0.575391	0.782262	0.735547
ENSG00000387119	CEP85L	centrosome	ENSG0000045.76831	0.652909	0.887668	0.735533
ENSG0000027301	APEX2	apurinic/apyrimidinic	ENSG000008.38438	-1.44602	1.96614	-0.73546
ENSG0000056108	PCDHGA7	protocadherin	ENSG0000024.26147	-0.8767	1.192128	-0.7354

ENSG0000018542	APOL1	apolipopro	ENSG00000139.25109	0.694667	0.94496	0.735128
ENSG00000110521	DDX17	DEAD-box	ENSG000001575.4594	-0.38717	0.526854	-0.73487
ENSG0000015978	REST	RE1 silenci	ENSG000001119.8422	0.486738	0.662362	0.734851
ENSG00000110898	CPSF4	cleavage a	ENSG00000116.58881	-1.03625	1.410647	-0.73459
ENSG00000151002	TPRKB	TP53RK bir	ENSG0000018.48495	-1.46182	1.990357	-0.73445
ENSG00000154951	COMMD8	COMM dor	ENSG00000111.08828	1.160826	1.580673	0.734387
ENSG00000155695	NSUN5	NOP2/Sun	ENSG00000111.08828	1.160826	1.580673	0.734387
ENSG00000155145	THAP1	THAP dom	ENSG00000111.08828	1.160826	1.580673	0.734387
ENSG00000110656	KHDRBS3	KH RNA bir	ENSG00000111.08828	1.160826	1.580673	0.734387
ENSG000001120	ADD3	adducin 3	ENSG000001201.8978	0.449075	0.611681	0.734166
ENSG000001133957	CCDC127	coiled-coil	ENSG00000131.63622	-0.77714	1.059089	-0.73378
ENSG0000010243302			ENSG00000111.20886	-1.24675	1.699126	-0.73376
ENSG00000151279	C1RL	compleme	ENSG00000146.24383	-0.7907	1.077896	-0.73356
ENSG000001130074	FAM168B	family with	ENSG000001133.4381	-0.48625	0.662924	-0.73349
ENSG00000129957	SLC25A24	solute carr	ENSG00000138.94938	-0.71426	0.973887	-0.73342
ENSG00000179178	THTPA	thiamine tr	ENSG0000015.391453	-1.86139	2.538137	-0.73337
ENSG0000014293	MAP3K9	mitogen-a	ENSG0000015.391453	-1.86139	2.538137	-0.73337
ENSG00000155654	TMEM127	transmeml	ENSG000001133.0132	-0.4806	0.655426	-0.73326
ENSG0000011605	DAG1	dystroglyc	ENSG000001239.7913	-0.42755	0.583121	-0.73321
ENSG000001130612	TMEM198	transmeml	ENSG0000011.928368	-3.01985	4.118742	-0.7332
ENSG00000151365	PLA1A	phospholip	ENSG0000011.928368	-3.01985	4.118742	-0.7332
ENSG0000010111788			ENSG0000011.928368	-3.01985	4.118742	-0.7332
ENSG0000010257957			ENSG0000011.928368	-3.01985	4.118742	-0.7332
ENSG00000110003343C	SNORD116	small nucle	ENSG0000011.928368	-3.01985	4.118742	-0.7332
ENSG000001101059918	GOLGA8R	golgin A8 f	ENSG0000011.928368	-3.01985	4.118742	-0.7332
ENSG0000011548	CYP2A6	cytochrom	ENSG0000011.928368	-3.01985	4.118742	-0.7332
ENSG0000010279006			ENSG0000011.928368	-3.01985	4.118742	-0.7332
ENSG0000019060	PAPSS2	3'-phosphc	ENSG00000135.57823	-0.8384	1.143525	-0.73317
ENSG00000155508	SLC35E3	solute carr	ENSG00000118.60218	0.941905	1.285193	0.73289
ENSG00000156833	SLAMF8	SLAM fami	ENSG0000019.261924	1.340101	1.830323	0.732166
ENSG000001195827	PRXL2C	peroxiredo	ENSG00000136.90304	-0.74933	1.023544	-0.73209
ENSG0000019810	RNF40	ring finger	ENSG00000131.93794	-0.79133	1.080972	-0.73205
ENSG00000127339	PRPF19	pre-mRNA	ENSG00000129.16498	-0.8039	1.098162	-0.73204
ENSG00000155786	ZNF415	zinc finger	ENSG00000119.36804	-0.98431	1.345081	-0.73178
ENSG0000012752	GLUL	glutamate-	ENSG000001623.2493	-0.47402	0.647779	-0.73176
ENSG00000128964	GIT1	GIT ArfGAP	ENSG00000134.04587	-0.75129	1.027284	-0.73134
ENSG000001114928	GPRASP2	G protein-c	ENSG00000116.59508	-1.04193	1.425114	-0.73112
ENSG00000151182	HSPA14	heat shock	ENSG00000117.16804	0.954664	1.306192	0.730876
ENSG000001219988	PATL1	PAT1 hom	ENSG00000143.76866	-0.68185	0.932973	-0.73084
ENSG00000126270	FBXO6	F-box prot	ENSG00000110.91984	1.217106	1.665656	0.730707
ENSG0000017264	TSTA3	tissue spec	ENSG0000018.423352	-1.45014	1.985747	-0.73028
ENSG0000019580	SOX13	SRY-box 13	ENSG00000124.19988	-0.87233	1.195567	-0.72963
ENSG00000123344	ESYT1	extended s	ENSG00000174.52957	-0.56319	0.771968	-0.72955
ENSG00000184364	ARFGAP2	ADP ribosy	ENSG00000162.75037	-0.59717	0.818715	-0.7294
ENSG000001100507062	PSMD6-AS	PSMD6 ant	ENSG0000015.290882	-1.83754	2.520009	-0.72918
ENSG00000155529	PIP4P2	phosphatic	ENSG00000123.26414	0.859745	1.179426	0.728952
ENSG0000017163	TPD52	tumor prot	ENSG00000111.04931	1.16296	1.595644	0.728834

ENSG00000184872	ZC3H10	zinc finger	ENSG00000184872	8.345407	-1.44197	1.978609	-0.72878
ENSG000001873	CBR1	carbonyl re	ENSG000001873	8.345407	-1.44197	1.978609	-0.72878
ENSG0000018455	ATRN	attractin	ENSG0000018455	104.9661	-0.50984	0.699726	-0.72863
ENSG0000015991	RFX3	regulatory	ENSG0000015991	16.48823	-1.0278	1.410658	-0.72859
ENSG00000123768	FLRT2	fibronectin	ENSG00000123768	11.36096	-1.27799	1.75445	-0.72843
ENSG0000019683	N4BP1	NEDD4 bin	ENSG0000019683	50.89702	-0.64215	0.881775	-0.72825
ENSG000001547	KIF1A	kinesin fan	ENSG000001547	2.152134	-3.16192	4.342212	-0.72818
ENSG0000011404	HAPLN1	hyaluronar	ENSG0000011404	2.152134	-3.16192	4.342212	-0.72818
ENSG0000018074	FGF23	fibroblast g	ENSG0000018074	2.152134	-3.16192	4.342212	-0.72818
ENSG000001399668	SMIM10L2	small integ	ENSG000001399668	2.152134	-3.16192	4.342212	-0.72818
ENSG0000010238018			ENSG0000010238018	13.84855	-1.11386	1.530207	-0.72791
ENSG00000165258	MPPE1	metallopho	ENSG00000165258	13.84855	-1.11386	1.530207	-0.72791
ENSG0000015996	RGS1	regulator c	ENSG0000015996	8.051544	1.364392	1.874571	0.727842
ENSG00000151696	HECA	hdc homol	ENSG00000151696	132.5134	0.484392	0.665553	0.727803
ENSG00000155324	ABCF3	ATP bindin	ENSG00000155324	46.27888	-0.67169	0.923028	-0.72771
ENSG0000019846	GAB2	GRB2 asso	ENSG0000019846	93.44276	0.518878	0.713304	0.72743
ENSG0000019722	NOS1AP	nitric oxide	ENSG0000019722	5.313507	-1.84904	2.542402	-0.72728
ENSG00000184295	PHF6	PHD finger	ENSG00000184295	19.08267	-0.96042	1.320588	-0.72727
ENSG00000151606	ATP6V1H	ATPase H+	ENSG00000151606	29.15871	-0.80071	1.10116	-0.72716
ENSG00000184081	NSRP1	nuclear spe	ENSG00000184081	36.65665	-0.73741	1.014255	-0.72704
ENSG000001153090	DAB2IP	DAB2 inter	ENSG000001153090	83.82118	-0.54065	0.743808	-0.72687
ENSG000001607	BCL9	B cell CLL/I	ENSG000001607	24.132	-0.86406	1.189028	-0.72669
ENSG0000013297	HSF1	heat shock	ENSG0000013297	41.23582	-0.69176	0.95218	-0.7265
ENSG0000011026	CDKN1A	cyclin depe	ENSG0000011026	62.6825	-0.59408	0.817822	-0.72642
ENSG000001196403	DTX3	deltex E3 u	ENSG000001196403	19.06632	-0.96194	1.324352	-0.72635
ENSG00000189848	FCHSD1	FCH and dc	ENSG00000189848	5.423365	1.585291	2.182745	0.726283
ENSG00000100277734			ENSG00000100277734	5.423365	1.585291	2.182745	0.726283
ENSG00000111051	NUDT21	nudix hydr	ENSG00000111051	68.81052	0.562716	0.775023	0.726063
ENSG0000012335	FN1	fibronectin	ENSG0000012335	842.1001	0.390214	0.537472	0.726018
ENSG00000126750	RPS6KC1	ribosomal	ENSG00000126750	34.58914	0.716873	0.987412	0.726012
ENSG0000016601	SMARCC2	SWI/SNF re	ENSG0000016601	121.0718	-0.48725	0.671248	-0.72588
ENSG0000018412	BCAR3	BCAR3, NS	ENSG0000018412	24.58765	0.852718	1.175128	0.725638
ENSG0000016477	SIAH1	siah E3 ubi	ENSG0000016477	8.361755	-1.4384	1.982537	-0.72553
ENSG0000019743	ARHGAP32	Rho GTPas	ENSG0000019743	21.64441	-0.91293	1.258343	-0.7255
ENSG0000019367	RAB9A	RAB9A, me	ENSG0000019367	23.45521	0.831881	1.146709	0.72545
ENSG00000123274	CLEC16A	C-type lect	ENSG00000123274	43.60649	-0.67582	0.931745	-0.72533
ENSG0000011984	EIF5A	eukaryotic	ENSG0000011984	73.76412	0.550224	0.758724	0.725197
ENSG000001100996717	NOTCH2NL	notch 2 N-I	ENSG000001100996717	11.11091	1.147933	1.583035	0.725147
ENSG0000015502	PPP1R1A	protein ph	ENSG0000015502	48.38681	-0.64975	0.896096	-0.72509
ENSG00000179411	GLB1L	galactosid	ENSG00000179411	4.08979	1.814729	2.503364	0.724916
ENSG00000100224745			ENSG00000100224745	4.08979	1.814729	2.503364	0.724916
ENSG00000100230724			ENSG00000100230724	4.08979	1.814729	2.503364	0.724916
ENSG00000100258676			ENSG00000100258676	4.08979	1.814729	2.503364	0.724916
ENSG00000123673	STX12	syntaxin 12	ENSG00000123673	41.21948	-0.69232	0.955296	-0.72471
ENSG0000018629	JRK	Jrk helix-tu	ENSG0000018629	26.66484	-0.82996	1.145364	-0.72463
ENSG0000019320	TRIP12	thyroid ho	ENSG0000019320	310.0841	-0.40223	0.555095	-0.72461
ENSG00000111052	CPSF6	cleavage a	ENSG00000111052	67.43011	-0.58204	0.803251	-0.7246

ENSG0000019948	WDR1	WD repeat	ENSG0000019948	195.255	0.430956	0.594831	0.724501
ENSG0000017029	TFDP2	transcripti	ENSG0000017029	112.0141	-0.50051	0.691476	-0.72383
ENSG0000015098	PCDHGC3	protocadhe	ENSG0000015098	36.37756	-0.72675	1.004471	-0.72351
ENSG00000127316	RBMX	RNA bindir	ENSG00000127316	143.626	-0.49286	0.681299	-0.72342
ENSG0000011604	CD55	CD55 mole	ENSG0000011604	81.84875	0.54042	0.747259	0.723203
ENSG0000018707	B3GALT2	beta-1,3-g	ENSG0000018707	70.25186	0.680303	0.940842	0.723079
ENSG0000018019	BRD3	bromodorr	ENSG0000018019	19.02107	-0.95494	1.320703	-0.72306
ENSG000001342945	ZSCAN22	zinc finger	ENSG000001342945	9.693109	1.211186	1.675353	0.722943
ENSG000001285335	SLC9C1	solute carr	ENSG000001285335	9.171423	1.40432	1.942702	0.722869
ENSG00000158499	ZNF462	zinc finger	ENSG00000158499	83.8765	-0.54112	0.748595	-0.72285
ENSG000001713	C1QB	compleme	ENSG000001713	116.847	1.756531	2.430556	0.722687
ENSG00000110020	GNE	glucosamir	ENSG00000110020	43.9872	0.666867	0.923513	0.722098
ENSG00000110954	PDIA5	protein dis	ENSG00000110954	8.368032	-1.44934	2.007571	-0.72194
ENSG00000190634	N4BP2L1	NEDD4 bin	ENSG00000190634	8.368032	-1.44934	2.007571	-0.72194
ENSG000001729438	CASTOR2	cytosolic a	ENSG000001729438	17.61334	-1.13736	1.575478	-0.72192
ENSG00000130850	CDR2L	cerebellar	ENSG00000130850	24.57953	-0.89392	1.238404	-0.72183
ENSG0000019821	RB1CC1	RB1 inducil	ENSG0000019821	209.8702	-0.43897	0.608276	-0.72166
ENSG00000157104	PNPLA2	patatin like	ENSG00000157104	74.36112	-0.55843	0.774105	-0.72139
ENSG0000010235655			ENSG0000010235655	6.818539	1.423905	1.973948	0.721349
ENSG000001377677	CA13	carbonic ar	ENSG000001377677	6.818539	1.423905	1.973948	0.721349
ENSG00000123387	SIK3	SIK family I	ENSG00000123387	79.06977	-0.54973	0.762419	-0.72104
ENSG0000010281501			ENSG0000010281501	5.268257	-1.8258	2.532896	-0.72083
ENSG000001140739	UBE2F	ubiquitin c	ENSG000001140739	12.52871	1.099802	1.526173	0.720628
ENSG0000018932	MBD2	methyl-Cp	ENSG0000018932	70.39676	0.559659	0.776694	0.720566
ENSG00000130011	SH3KBP1	SH3 domai	ENSG00000130011	55.27074	0.626211	0.869093	0.720534
ENSG000001151011	SEPT10	septin 10	ENSG000001151011	76.72172	-0.55496	0.7707	-0.72007
ENSG00000178996	CYREN	cell cycle r	ENSG00000178996	21.75126	-0.92363	1.282829	-0.72
ENSG00000111315	PARK7	Parkinsoni	ENSG00000111315	83.76561	0.528656	0.734363	0.719884
ENSG000001167691	LCA5	LCA5, lebe	ENSG000001167691	8.261184	-1.42251	1.976034	-0.71988
ENSG000001400618	SOX9-AS1	SOX9 antis	ENSG000001400618	8.261184	-1.42251	1.976034	-0.71988
ENSG00000164794	DDX31	DEAD-box	ENSG00000164794	11.17251	1.133094	1.574196	0.719792
ENSG0000015738	PTGFRN	prostaglan	ENSG0000015738	164.057	-0.46795	0.650155	-0.71976
ENSG00000110801	SEPT9	septin 9	ENSG00000110801	97.84157	-0.51575	0.716737	-0.71958
ENSG0000017879	RAB7A	RAB7A, me	ENSG0000017879	154.6648	-0.47303	0.657396	-0.71956
ENSG00000111078	TRIOBP	TRIO and F	ENSG00000111078	76.64757	-0.55147	0.766535	-0.71943
ENSG0000011837	DTNA	dystrobrev	ENSG0000011837	156.8077	0.452198	0.628561	0.719418
ENSG00000123276	KLHL18	kelch like f	ENSG00000123276	21.58281	-0.90806	1.263126	-0.7189
ENSG00000155622	TTC27	tetratricop	ENSG00000155622	20.33425	0.877906	1.221236	0.718867
ENSG0000015283	PIGH	phosphatic	ENSG0000015283	5.229284	-1.81966	2.532363	-0.71856
ENSG000001114044	MCM3AP-1	MCM3AP a	ENSG000001114044	5.229284	-1.81966	2.532363	-0.71856
ENSG00000154059	YBEY	ybeY meta	ENSG00000154059	5.229284	-1.81966	2.532363	-0.71856
ENSG00000126512	INTS6	integrator	ENSG00000126512	60.13331	-0.59729	0.831657	-0.71819
ENSG000001107984921	LINC01772	long interg	ENSG000001107984921	1.844145	-2.94911	4.106449	-0.71817
ENSG0000010230953			ENSG0000010230953	1.844145	-2.94911	4.106449	-0.71817
ENSG000001101927560	LOC101927	uncharacte	ENSG000001101927560	1.844145	-2.94911	4.106449	-0.71817
ENSG000001333926	PPM1J	protein ph	ENSG000001333926	1.844145	-2.94911	4.106449	-0.71817
ENSG000001116143	WDR92	WD repeat	ENSG000001116143	1.844145	-2.94911	4.106449	-0.71817

ENSG00000184620	ST6GAL2	ST6 beta-g	ENSG000001844145	-2.94911	4.106449	-0.71817
ENSG00000130574	LYPD6	LY6/PLAUR	ENSG000001844145	-2.94911	4.106449	-0.71817
ENSG00000235579			ENSG000001844145	-2.94911	4.106449	-0.71817
ENSG00000231063			ENSG000001844145	-2.94911	4.106449	-0.71817
ENSG00000105377105	FLNB-AS1	FLNB antis	ENSG000001844145	-2.94911	4.106449	-0.71817
ENSG00000234742			ENSG000001844145	-2.94911	4.106449	-0.71817
ENSG00000151166	AADAT	aminoadip	ENSG000001844145	-2.94911	4.106449	-0.71817
ENSG00000156126	PCDHB10	protocadh	ENSG000001844145	-2.94911	4.106449	-0.71817
ENSG00000123286	WWC1	WW and C	ENSG000001844145	-2.94911	4.106449	-0.71817
ENSG0000016941	TCF19	transcripti	ENSG000001844145	-2.94911	4.106449	-0.71817
ENSG00000238156			ENSG000001844145	-2.94911	4.106449	-0.71817
ENSG00000249852			ENSG000001844145	-2.94911	4.106449	-0.71817
ENSG00000244490			ENSG000001844145	-2.94911	4.106449	-0.71817
ENSG00000228368			ENSG000001844145	-2.94911	4.106449	-0.71817
ENSG0000017984	ARHGEF5	Rho guanir	ENSG000001844145	-2.94911	4.106449	-0.71817
ENSG00000253516			ENSG000001844145	-2.94911	4.106449	-0.71817
ENSG00000254141			ENSG000001844145	-2.94911	4.106449	-0.71817
ENSG00000277959			ENSG000001844145	-2.94911	4.106449	-0.71817
ENSG00000246889			ENSG000001844145	-2.94911	4.106449	-0.71817
ENSG00000184324	SARNP	SAP domai	ENSG000001844145	-2.94911	4.106449	-0.71817
ENSG00000122402	TDRD9	tudor dom	ENSG000001844145	-2.94911	4.106449	-0.71817
ENSG00000276107			ENSG000001844145	-2.94911	4.106449	-0.71817
ENSG0000011245	GPR176	G protein-c	ENSG000001844145	-2.94911	4.106449	-0.71817
ENSG00000100137047	JMJD7	jumonji do	ENSG000001844145	-2.94911	4.106449	-0.71817
ENSG00000259921			ENSG000001844145	-2.94911	4.106449	-0.71817
ENSG00000151025	PAM16	presequen	ENSG000001844145	-2.94911	4.106449	-0.71817
ENSG00000275056			ENSG000001844145	-2.94911	4.106449	-0.71817
ENSG00000172888	NPIP11	nuclear po	ENSG000001844145	-2.94911	4.106449	-0.71817
ENSG00000200556			ENSG000001844145	-2.94911	4.106449	-0.71817
ENSG00000260859			ENSG000001844145	-2.94911	4.106449	-0.71817
ENSG000001399512	SLC25A35	solute carr	ENSG000001844145	-2.94911	4.106449	-0.71817
ENSG000001388336	SHISA6	shisa famil	ENSG000001844145	-2.94911	4.106449	-0.71817
ENSG00000279762			ENSG000001844145	-2.94911	4.106449	-0.71817
ENSG00000279792			ENSG000001844145	-2.94911	4.106449	-0.71817
ENSG00000273368			ENSG000001844145	-2.94911	4.106449	-0.71817
ENSG00000123767	FLRT3	fibronectin	ENSG000001844145	-2.94911	4.106449	-0.71817
ENSG00000123424	TDRD7	tudor dom	ENSG0000023.47784	0.82697	1.151586	0.718114
ENSG0000018872	CDC123	cell divisio	ENSG0000023.47784	0.82697	1.151586	0.718114
ENSG00000154664	TMEM106l	transmeml	ENSG00000139.4241	0.477157	0.664916	0.71762
ENSG0000017374	UNG	uracil DNA	ENSG0000025.09678	0.806257	1.123584	0.717576
ENSG0000014144	MAT2A	methionin	ENSG0000097.65299	-0.51377	0.716473	-0.71708
ENSG0000013091	HIF1A	hypoxia inc	ENSG00000133.3984	0.468618	0.65359	0.716991
ENSG00000179098	C1orf116	chromosor	ENSG000003.843398	2.036252	2.840345	0.716903
ENSG00000110578	GNLY	granulysin	ENSG000003.843398	2.036252	2.840345	0.716903
ENSG0000016456	SH3GL2	SH3 domai	ENSG000003.843398	2.036252	2.840345	0.716903
ENSG000001100874261	CCDC200	coiled-coil	ENSG000003.843398	2.036252	2.840345	0.716903
ENSG000001116541	MRPL54	mitochond	ENSG0000018.57956	0.948053	1.322444	0.716895

ENSG0000023381	SMG5	SMG5, non	ENSG0000022845	128.4051	-0.48456	0.676017	-0.71678
ENSG000004691	NCL	nucleolin	ENSG0000022845	272.6939	-0.40575	0.566069	-0.71678
ENSG000003373	HYAL1	hyaluronid	ENSG0000022845	51.07554	-0.64713	0.90309	-0.71658
ENSG0000010589	DRAP1	DR1 associ	ENSG0000022845	33.13237	0.717503	1.0016	0.716357
ENSG000005303	PIN4	peptidylpro	ENSG0000022845	14.23187	1.013836	1.415853	0.71606
ENSG0000023051	ZHX3	zinc finger	ENSG0000022845	99.78734	-0.50589	0.706611	-0.71593
ENSG00000154214	RNF217	ring finger	ENSG0000022845	36.20912	-0.7171	1.001786	-0.71582
ENSG0000026355	FAM162A	family with	ENSG0000022845	61.42844	0.619171	0.865195	0.715644
ENSG0000066004	LYNX1	Ly6/neurot	ENSG0000022845	140.6924	-0.51737	0.723072	-0.71552
ENSG0000022996	TTC39A	tetratricop	ENSG0000022845	21.77768	-0.91726	1.282089	-0.71544
ENSG000001339	COX6A2	cytochrom	ENSG0000022845	105.5358	0.490173	0.685145	0.71543
ENSG0000026503	SLC17A5	solute carr	ENSG0000022845	18.9205	-0.94747	1.324818	-0.71517
ENSG0000091624	NEXN	nexilin F-ac	ENSG0000022845	470.2235	0.386492	0.540443	0.71514
ENSG0000091663	MYADM	myeloid as	ENSG0000022845	64.03543	0.572389	0.800403	0.715125
ENSG0000064149	C17orf75	chromosor	ENSG0000022845	21.86897	0.863053	1.206994	0.715044
ENSG0000064172	OSGEPL1	O-sialoglyc	ENSG0000022845	11.06304	-1.22285	1.710889	-0.71474
ENSG0000084327	ZBED3	zinc finger	ENSG0000022845	11.06304	-1.22285	1.710889	-0.71474
ENSG000009068	ANGPTL1	angiopoiet	ENSG0000022845	31.02064	0.767503	1.074022	0.714606
ENSG00000270571			ENSG0000022845	2.074189	-3.12586	4.375565	-0.71439
ENSG00000211938			ENSG0000022845	2.074189	-3.12586	4.375565	-0.71439
ENSG00000794	CALB2	calbindin 2	ENSG0000022845	2.074189	-3.12586	4.375565	-0.71439
ENSG0000023194	FBXL7	F-box and l	ENSG0000022845	31.41246	-0.76556	1.071637	-0.71438
ENSG00000883	KYAT1	kynurenine	ENSG0000022845	11.04669	-1.22559	1.716331	-0.71408
ENSG0000025988	HINFP	histone H4	ENSG0000022845	11.04669	-1.22559	1.716331	-0.71408
ENSG00000148206	ZNF714	zinc finger	ENSG0000022845	11.04669	-1.22559	1.716331	-0.71408
ENSG0000025936	NSL1	NSL1, MIS1	ENSG0000022845	20.43482	0.868675	1.216831	0.713882
ENSG0000058191	CXCL16	C-X-C moti	ENSG0000022845	13.09198	2.940857	4.12104	0.71362
ENSG0000022924	MAPRE3	microtubul	ENSG0000022845	31.54572	-0.76877	1.077404	-0.71353
ENSG00000164045	HFM1	HFM1, ATP	ENSG0000022845	6.779566	1.425666	1.99886	0.713239
ENSG0000051278	IER5	immediate	ENSG0000022845	26.74462	0.776725	1.089093	0.713185
ENSG0000080014	WWC2	WW and C	ENSG0000022845	81.19784	-0.53798	0.754393	-0.71313
ENSG0000051533	PHF7	PHD finger	ENSG0000022845	5.206659	-1.80774	2.535394	-0.713
ENSG00000279314			ENSG0000022845	5.206659	-1.80774	2.535394	-0.713
ENSG000005387	PMS2P3	PMS1 hom	ENSG0000022845	5.251909	-1.83115	2.568775	-0.71285
ENSG000004128	MAOA	monoamin	ENSG0000022845	165.0499	-0.45112	0.632852	-0.71284
ENSG00000138199	CARNMT1	carnosine l	ENSG0000022845	16.54355	-1.02845	1.442837	-0.7128
ENSG00000154091	SLC2A12	solute carr	ENSG0000022845	31.39023	0.73838	1.035925	0.712774
ENSG0000055746	NUP133	nucleopor	ENSG0000022845	57.63944	-0.6013	0.843674	-0.71272
ENSG00000143689	PIWIL4	piwi like R	ENSG0000022845	5.339142	1.655815	2.323562	0.712619
ENSG0000065986	ZBTB10	zinc finger	ENSG0000022845	86.0561	-0.53265	0.74756	-0.71252
ENSG000007518	XRCC4	X-ray repai	ENSG0000022845	8.297936	1.2785	1.794656	0.712393
ENSG00000387032	ZKSCAN4	zinc finger	ENSG0000022845	9.754707	1.19382	1.675795	0.71239
ENSG00000138241	C9orf85	chromosor	ENSG0000022845	9.754707	1.19382	1.675795	0.71239
ENSG0000010901	DHRS4	dehydroge	ENSG0000022845	12.7135	1.061011	1.490027	0.712075
ENSG0000051433	ANAPC5	anaphase p	ENSG0000022845	90.68131	0.507752	0.713203	0.711932
ENSG00000151613	TTC14	tetratricop	ENSG0000022845	26.78359	0.775287	1.089025	0.71191
ENSG00000138639	PTPDC1	protein tyr	ENSG0000022845	26.51902	-0.81943	1.15107	-0.71188

ENSG0000I	ENSG0000I	92935	MARS2	methionyl-	ENSG0000I	11.21148	1.130895	1.588928	0.711734
ENSG0000I	ENSG0000I	3192	HNRNPU	heterogen	ENSG0000I	318.1601	-0.39366	0.553095	-0.71173
ENSG0000I	ENSG0000I	83605	CCM2	CCM2 scaff	ENSG0000I	25.07415	0.810651	1.140096	0.711038
ENSG0000I	ENSG0000I	836	CASP3	caspase 3	ENSG0000I	18.89383	0.895624	1.260147	0.71073
ENSG0000I	ENSG0000I	8615	USO1	USO1 vesic	ENSG0000I	204.0235	0.423196	0.595518	0.710636
ENSG0000I	ENSG0000I	91749	MFSD4B	major facil	ENSG0000I	16.31979	-1.00707	1.417336	-0.71054
ENSG0000I	ENSG0000I	2145	EZH1	enhancer c	ENSG0000I	118.1179	-0.47893	0.674492	-0.71006
ENSG0000I	ENSG0000I	27018	BEX3	brain expr	ENSG0000I	45.1335	0.694512	0.978751	0.70959
ENSG0000I	ENSG0000I	79594	MUL1	mitochond	ENSG0000I	24.02515	-0.85414	1.204025	-0.70941
ENSG0000I	ENSG0000I	79815	NIPAL2	NIPA like d	ENSG0000I	26.76097	0.779411	1.098748	0.709362
ENSG0000I	ENSG0000I	5575	PRKAR1B	protein kin	ENSG0000I	12.75247	1.058923	1.492889	0.709311
ENSG0000I	ENSG0000I	2113	ETS1	ETS proto-	ENSG0000I	164.356	-0.44325	0.625028	-0.70917
ENSG0000I	ENSG0000I	26873	OPLAH	5-oxoprolir	ENSG0000I	18.8589	-0.94194	1.328284	-0.70914
ENSG0000I	ENSG0000I	196513	DCP1B	decapping	ENSG0000I	18.8589	-0.94194	1.328284	-0.70914
ENSG0000I	ENSG0000I	10426	TUBGCP3	tubulin gar	ENSG0000I	31.35086	-0.76211	1.074757	-0.7091
ENSG0000I	ENSG0000I	644150	WIPF3	WAS/WAS	ENSG0000I	11.16361	-1.23537	1.744051	-0.70833
ENSG0000I	ENSG0000I	387700	SLC16A12	solute carr	ENSG0000I	13.7417	-1.0969	1.548656	-0.70829
ENSG0000I	ENSG0000I	50940	PDE11A	phosphodi	ENSG0000I	9.715735	1.196021	1.688741	0.708232
ENSG0000I	ENSG0000I	55334	SLC39A9	solute carr	ENSG0000I	43.27588	-0.66164	0.934277	-0.70818
ENSG0000I	ENSG0000I	30835	CD209	CD209 mol	ENSG0000I	22.67144	-1.00113	1.413755	-0.70814
ENSG0000I	ENSG0000I	66008	TRAK2	trafficking	ENSG0000I	424.4534	0.375289	0.530071	0.707999
ENSG0000I	ENSG0000I	55885	LMO3	LIM domai	ENSG0000I	11.06932	-1.23128	1.739455	-0.70785
ENSG0000I	ENSG0000I	26959	HBP1	HMG-box t	ENSG0000I	75.84314	0.532413	0.752195	0.707813
ENSG0000I	ENSG0000I	5867	RAB4A	RAB4A, me	ENSG0000I	36.46075	0.685989	0.969267	0.70774
ENSG0000I	ENSG0000I	55860	ACTR10	actin relat	ENSG0000I	36.46075	0.685989	0.969267	0.70774
ENSG0000I	ENSG0000I	23534	TNPO3	transportir	ENSG0000I	66.8858	-0.56552	0.799262	-0.70755
ENSG0000I	ENSG0000I	8803	SUCLA2	succinate-	ENSG0000I	109.9778	0.49811	0.704	0.707543
ENSG0000I	ENSG0000I	1845	DUSP3	dual specif	ENSG0000I	458.5993	-0.39901	0.564023	-0.70744
ENSG0000I	ENSG0000I	79733	E2F8	E2F transcr	ENSG0000I	8.176961	-1.40272	1.983149	-0.70732
ENSG0000I	ENSG0000I	10956	OS9	OS9, endo	ENSG0000I	116.9576	0.479963	0.678671	0.70721
ENSG0000I	ENSG0000I	205428	DIPK2A	divergent	ENSG0000I	15.73389	0.969385	1.370851	0.707141
ENSG0000I	ENSG00000280347				ENSG0000I	11.15354	-1.24579	1.7618	-0.70711
ENSG0000I	ENSG0000I	58516	SINHCAF	SIN3-HDAC	ENSG0000I	10.96247	-1.21056	1.711996	-0.70711
ENSG0000I	ENSG0000I	89890	KBTBD6	kelch repe	ENSG0000I	26.31788	-0.80829	1.143157	-0.70707
ENSG0000I	ENSG0000I	2009	EML1	echinoderr	ENSG0000I	53.58575	-0.64026	0.905698	-0.70693
ENSG0000I	ENSG0000I	104355295	SGMS1-AS	SGMS1 ant	ENSG0000I	5.167686	-1.80153	2.548732	-0.70684
ENSG0000I	ENSG00000257438				ENSG0000I	5.167686	-1.80153	2.548732	-0.70684
ENSG0000I	ENSG0000I	10535	RNASEH2A	ribonuclea	ENSG0000I	5.167686	-1.80153	2.548732	-0.70684
ENSG0000I	ENSG0000I	27154	BRPF3	bromodorr	ENSG0000I	41.47842	-0.70674	1.000242	-0.70657
ENSG0000I	ENSG00000233836				ENSG0000I	5.484963	1.550154	2.194438	0.706401
ENSG0000I	ENSG0000I	23549	DNPEP	aspartyl an	ENSG0000I	44.61953	0.634874	0.898791	0.706364
ENSG0000I	ENSG0000I	8567	MADD	MAP kinas	ENSG0000I	87.93398	-0.51893	0.734762	-0.70626
ENSG0000I	ENSG0000I	7289	TULP3	tubby like	ENSG0000I	18.88153	-0.94542	1.338638	-0.70625
ENSG0000I	ENSG0000I	2356	FPGS	folylpolygl	ENSG0000I	23.82401	-0.84194	1.192947	-0.70577
ENSG0000I	ENSG0000I	54856	GON4L	gon-4 like	ENSG0000I	85.50799	-0.52152	0.738975	-0.70573
ENSG0000I	ENSG0000I	23060	ZNF609	zinc finger	ENSG0000I	101.7595	-0.49556	0.702456	-0.70547
ENSG0000I	ENSG0000I	11311	VPS45	vacuolar pi	ENSG0000I	47.83099	0.619432	0.878071	0.705446

ENSG00000151123	ZNF706	zinc finger	ENSG00000128.75015	-0.77706	1.102272	-0.70496
ENSG00000154108	CHRAC1	chromatin	ENSG00000118.81365	-0.93483	1.326105	-0.70494
ENSG00000110155	TRIM28	tripartite n	ENSG00000164.49878	-0.5716	0.81124	-0.7046
ENSG0000012961	GTF2E2	general tra	ENSG00000113.6801	-1.08941	1.546549	-0.70441
ENSG0000019646	CTR9	CTR9 homc	ENSG00000159.34078	0.574517	0.815934	0.704122
ENSG000001375484	SIMC1	SUMO inte	ENSG0000015.145061	-1.78948	2.541469	-0.70411
ENSG0000010268713			ENSG0000015.145061	-1.78948	2.541469	-0.70411
ENSG00000110465	PPIH	peptidylpro	ENSG0000019.777332	1.178799	1.674387	0.704018
ENSG0000015025	P2RX4	purinergic	ENSG0000019.777332	1.178799	1.674387	0.704018
ENSG00000184456	L3MBTL3	L3MBTL3, f	ENSG0000016.902762	1.373218	1.951615	0.703632
ENSG000001112399	EGLN3	egl-9 famil	ENSG00000189.2269	0.551668	0.784816	0.702927
ENSG0000018497	PPFIA4	PTPRF inte	ENSG00000131.23773	-0.75147	1.069082	-0.70291
ENSG000001169714	QSOX2	quiescin su	ENSG00000114.31609	0.993549	1.413944	0.702679
ENSG0000016643	SNX2	sorting nex	ENSG00000144.56421	0.634757	0.903542	0.702521
ENSG00000110116	FEM1B	fem-1 hom	ENSG000001134.2482	0.455019	0.648819	0.701303
ENSG00000125927	CNRIP1	cannabinoid	ENSG00000113.60216	-1.08413	1.545931	-0.70128
ENSG0000016819	SULT1C2	sulfotransf	ENSG0000015.30723	-1.83277	2.613708	-0.70122
ENSG000001116988	AGAP3	ArfGAP wit	ENSG00000126.23365	-0.80166	1.143461	-0.70108
ENSG00000164097	EPB41L4A	erythrocyte	ENSG00000121.26855	-0.87913	1.254167	-0.70096
ENSG0000016201	RPS7	ribosomal	ENSG000001169.6271	0.449501	0.641419	0.700791
ENSG00000151629	SLC25A39	solute carr	ENSG00000126.27263	-0.80317	1.146185	-0.70074
ENSG0000017174	TPP2	tripeptidyl	ENSG00000179.27837	0.521405	0.744177	0.700647
ENSG0000015729	PTGDR	prostaglan	ENSG0000015.445991	1.551141	2.213902	0.700637
ENSG0000013550	IK	IK cytokine	ENSG000001100.5558	0.49433	0.705595	0.700585
ENSG000001114987	WDR31	WD repeat	ENSG00000129.64521	-0.82777	1.18167	-0.7005
ENSG000001142685	ASB15	ankyrin re	ENSG00000176.18369	-0.54143	0.773228	-0.70021
ENSG0000012954	GSTZ1	glutathione	ENSG0000019.816305	1.176577	1.680396	0.700178
ENSG00000123564	DDAH2	dimethylar	ENSG00000113.6185	-1.08189	1.545262	-0.70013
ENSG00000126031	OSBPL3	oxysterol b	ENSG00000115.89606	0.947532	1.353468	0.700077
ENSG00000156658	TRIM39	tripartite n	ENSG0000018.115363	-1.39066	1.986708	-0.69998
ENSG000001414189	AGAP6	ArfGAP wit	ENSG0000018.115363	-1.39066	1.986708	-0.69998
ENSG000001254359	ZDHHC24	zinc finger	ENSG0000018.115363	-1.39066	1.986708	-0.69998
ENSG00000192856	IMP4	IMP4, U3 s	ENSG00000123.78504	-0.84028	1.200484	-0.69995
ENSG00000155144	LRRC8D	leucine ric	ENSG00000112.8367	1.035833	1.48011	0.699835
ENSG00000185369	STRIP1	striatin int	ENSG00000128.49303	0.74416	1.063885	0.699474
ENSG0000014205	MEF2A	myocyte ei	ENSG000001305.3192	0.390262	0.55815	0.699207
ENSG00000157162	PELI1	pellino E3	ENSG00000133.36241	0.697781	0.998273	0.698988
ENSG0000010240342			ENSG00000126.38575	-0.81576	1.16714	-0.69894
ENSG0000013320	HSP90AA1	heat shock	ENSG000001484.9815	-0.37193	0.532181	-0.69887
ENSG0000018089	YEATS4	YEATS dom	ENSG00000111.27308	1.116027	1.59807	0.698359
ENSG0000012769	GNA15	G protein s	ENSG0000015.115376	1.777212	2.545247	0.698247
ENSG00000158515	SELENOK	selenoprot	ENSG00000149.67998	0.602273	0.862783	0.698059
ENSG0000015170	PDPK1	3-phospho	ENSG00000141.24589	-0.68929	0.987495	-0.69802
ENSG0000017009	TMBIM6	transmem	ENSG000001377.616	0.378598	0.542445	0.697948
ENSG0000019422	ZNF264	zinc finger	ENSG00000169.01008	-0.55357	0.793517	-0.69761
ENSG00000148	ACO1	aconitase 1	ENSG000001108.9369	-0.48969	0.702002	-0.69756
ENSG0000016792	CDKL5	cyclin depe	ENSG00000147.86512	-0.62815	0.900714	-0.6974

ENSG0000025996	REXO2	RNA exonu	ENSG0000043.05591	0.640614	0.918802	0.697227
ENSG00000152687	ZNF595	zinc finger	ENSG0000016.15762	-0.99207	1.423039	-0.69715
ENSG0000025980	AAR2	AAR2 splici	ENSG0000016.26447	-1.00649	1.444231	-0.6969
ENSG0000064225	ATL2	atlastin GT	ENSG0000045.43913	-0.63938	0.91781	-0.69664
ENSG0000055841	WWC3	WWC fami	ENSG00000101.669	-0.49313	0.707865	-0.69664
ENSG000002965	GTF2H1	general tra	ENSG0000033.48521	-0.71965	1.033372	-0.69641
ENSG0000064850	ETNPPL	ethanolam	ENSG000005.184034	-1.796	2.579588	-0.69623
ENSG00000118812	MORN4	MORN rep	ENSG000005.184034	-1.796	2.579588	-0.69623
ENSG00000333	APLP1	amyloid be	ENSG000005.184034	-1.796	2.579588	-0.69623
ENSG000009219	MTA2	metastasis	ENSG0000045.65283	-0.64995	0.933712	-0.69609
ENSG00000270344			ENSG000008.160613	-1.40624	2.020533	-0.69598
ENSG0000051103	NDUFAF1	NADH:ubic	ENSG0000027.88085	0.811755	1.166938	0.695628
ENSG00000269737			ENSG000001.782547	-2.90313	4.174236	-0.69549
ENSG00000619518	SSBP3-AS1	SSBP3 anti	ENSG000001.782547	-2.90313	4.174236	-0.69549
ENSG00000152330	CNTN4	contactin 4	ENSG000001.782547	-2.90313	4.174236	-0.69549
ENSG00000238278			ENSG000001.782547	-2.90313	4.174236	-0.69549
ENSG00000273340			ENSG000001.782547	-2.90313	4.174236	-0.69549
ENSG00000100847048	MIR5690	microRNA	ENSG000001.782547	-2.90313	4.174236	-0.69549
ENSG00000261629			ENSG000001.782547	-2.90313	4.174236	-0.69549
ENSG000004920	ROR2	receptor ty	ENSG000001.782547	-2.90313	4.174236	-0.69549
ENSG000005031	P2RY6	pyrimidine	ENSG000001.782547	-2.90313	4.174236	-0.69549
ENSG00000259290	TAS2R31	taste 2 rec	ENSG000001.782547	-2.90313	4.174236	-0.69549
ENSG00000144233	BCDIN3D	BCDIN3 do	ENSG000001.782547	-2.90313	4.174236	-0.69549
ENSG00000279283			ENSG000001.782547	-2.90313	4.174236	-0.69549
ENSG000007223	TRPC4	transient r	ENSG000001.782547	-2.90313	4.174236	-0.69549
ENSG0000055451	LINC00216	long interg	ENSG000001.782547	-2.90313	4.174236	-0.69549
ENSG00000261191			ENSG000001.782547	-2.90313	4.174236	-0.69549
ENSG00000664618	HSP90AB4	heat shock	ENSG000001.782547	-2.90313	4.174236	-0.69549
ENSG00000220	ALDH1A3	aldehyde d	ENSG000001.782547	-2.90313	4.174236	-0.69549
ENSG00000780776	TVP23A	trans-golgi	ENSG000001.782547	-2.90313	4.174236	-0.69549
ENSG00000238045			ENSG000001.782547	-2.90313	4.174236	-0.69549
ENSG00000283932	FBXL19-AS	FBXL19 ant	ENSG000001.782547	-2.90313	4.174236	-0.69549
ENSG00000100506713	ALOX12-AS	ALOX12 an	ENSG000001.782547	-2.90313	4.174236	-0.69549
ENSG000008735	MYH13	myosin he	ENSG000001.782547	-2.90313	4.174236	-0.69549
ENSG0000078995	C17orf53	chromosor	ENSG000001.782547	-2.90313	4.174236	-0.69549
ENSG00000104355426	LENG8-AS1	LENG8 anti	ENSG000001.782547	-2.90313	4.174236	-0.69549
ENSG0000091319	DERL3	derlin 3	ENSG000001.782547	-2.90313	4.174236	-0.69549
ENSG00000100506697	LINC00327	long interg	ENSG000003.943969	1.975672	2.842286	0.6951
ENSG00000818	CAMK2G	calcium/ca	ENSG0000030.08935	0.734436	1.056977	0.694845
ENSG0000057221	ARFGEF3	ARFGEF far	ENSG0000016.17397	-0.9902	1.425182	-0.69479
ENSG000001857	DVL3	dishevellec	ENSG0000073.61567	-0.53898	0.775827	-0.69471
ENSG0000058504	ARHGAP22	Rho GTPas	ENSG000004.174013	1.713484	2.466479	0.694708
ENSG00000101929145	PPP3CB-AS	PPP3CB an	ENSG000004.174013	1.713484	2.466479	0.694708
ENSG0000091057	CCDC34	coiled-coil	ENSG000004.174013	1.713484	2.466479	0.694708
ENSG0000026074	CFAP61	cilia and fl	ENSG0000045.65662	-0.64576	0.929548	-0.69471
ENSG0000057188	ADAMTSL3	ADAMTS lil	ENSG0000052.48326	-0.60375	0.869071	-0.69471
ENSG00000254295	PHYHD1	phytanoyl-	ENSG0000010.91722	-1.19856	1.725527	-0.69461

ENSG0000010794	ZNF460	zinc finger	ENSG00000166.55519	-0.55609	0.800702	-0.69451
ENSG00000155075	UACA	uveal auto	ENSG000001133.0497	-0.47975	0.690774	-0.6945
ENSG0000010261553			ENSG00000118.72943	-0.92568	1.332958	-0.69446
ENSG000001728554	LOC728554	THO compl	ENSG0000014.112415	1.762307	2.537783	0.694428
ENSG0000016150	MRPL23	mitochond	ENSG0000014.112415	1.762307	2.537783	0.694428
ENSG0000013606	IL18	interleukin	ENSG0000014.112415	1.762307	2.537783	0.694428
ENSG00000157862	ZNF410	zinc finger	ENSG0000014.112415	1.762307	2.537783	0.694428
ENSG00000110859	LILRB1	leukocyte i	ENSG0000014.112415	1.762307	2.537783	0.694428
ENSG00000181792	ADAMTS12	ADAM met	ENSG0000015.083463	-1.77101	2.550323	-0.69443
ENSG0000010228653			ENSG0000015.083463	-1.77101	2.550323	-0.69443
ENSG000001102724555	LOC102724	uncharacte	ENSG0000015.083463	-1.77101	2.550323	-0.69443
ENSG00000122995	CEP152	centrosom	ENSG0000015.083463	-1.77101	2.550323	-0.69443
ENSG000001595101	SMG1P5	SMG1 pset	ENSG0000015.083463	-1.77101	2.550323	-0.69443
ENSG000001147804	TPM3P9	tropomyos	ENSG0000015.083463	-1.77101	2.550323	-0.69443
ENSG000001150368	PHETA2	PH domain	ENSG0000015.083463	-1.77101	2.550323	-0.69443
ENSG00000151604	PIGT	phosphatic	ENSG000001106.1128	0.47721	0.687237	0.694389
ENSG00000129110	TBK1	TANK bindi	ENSG00000136.69079	0.668277	0.962763	0.694124
ENSG000001146223	CMTM4	CKLF like N	ENSG00000123.72344	-0.8358	1.204118	-0.69412
ENSG0000019727	RAB11FIP3	RAB11 fam	ENSG00000126.25	-0.80064	1.153603	-0.69403
ENSG00000123582	CCNDBP1	cyclin D1 b	ENSG00000151.36052	0.595629	0.858254	0.694001
ENSG00000154475	NLE1	notchless t	ENSG0000015.106088	-1.78313	2.56944	-0.69398
ENSG00000123201	FAM168A	family with	ENSG00000173.87841	-0.54498	0.785396	-0.69389
ENSG000001118433	RPL23AP7	ribosomal	ENSG0000016.96436	1.347757	1.94237	0.693873
ENSG000001119392	SFR1	SWI5 depe	ENSG0000016.96436	1.347757	1.94237	0.693873
ENSG00000156987	BBX	BBX, HMG-	ENSG000001126.742	-0.45989	0.662896	-0.69375
ENSG00000151008	ASCC1	activating s	ENSG00000136.65182	0.66946	0.964984	0.693753
ENSG0000015451	POU2F1	POU class ;	ENSG00000150.37154	-0.62534	0.90146	-0.6937
ENSG00000179140	CCDC28B	coiled-coil	ENSG0000011.82152	-2.9215	4.215236	-0.69308
ENSG000001101928118	LOC101928	uncharacte	ENSG0000011.82152	-2.9215	4.215236	-0.69308
ENSG0000010219881			ENSG0000011.82152	-2.9215	4.215236	-0.69308
ENSG0000010253116			ENSG0000011.82152	-2.9215	4.215236	-0.69308
ENSG00000129901	SAC3D1	SAC3 domæ	ENSG0000011.82152	-2.9215	4.215236	-0.69308
ENSG0000016540	SLC6A13	solute carr	ENSG0000011.82152	-2.9215	4.215236	-0.69308
ENSG0000010258987			ENSG0000011.82152	-2.9215	4.215236	-0.69308
ENSG0000019153	SLC28A2	solute carr	ENSG0000011.82152	-2.9215	4.215236	-0.69308
ENSG00000184446	BRSK1	BR serine/t	ENSG0000011.82152	-2.9215	4.215236	-0.69308
ENSG000001100132288	TEKT4P2	tektin 4 ps	ENSG0000011.82152	-2.9215	4.215236	-0.69308
ENSG00000128232	SLCO3A1	solute carr	ENSG00000145.43285	-0.63744	0.919747	-0.69306
ENSG0000010229127			ENSG0000015.384393	1.587017	2.290571	0.692847
ENSG000001727	C5	compleme	ENSG0000015.384393	1.587017	2.290571	0.692847
ENSG00000155149	MTPAP	mitochond	ENSG00000128.62067	-0.76628	1.106054	-0.6928
ENSG000001285282	RABL3	RAB, meml	ENSG00000122.20586	0.814356	1.175455	0.692801
ENSG0000015295	PIK3R1	phosphoin	ENSG000001386.5739	0.394022	0.569188	0.692252
ENSG00000157630	SH3RF1	SH3 domai	ENSG00000138.20392	-0.6779	0.979536	-0.69206
ENSG00000110235	RASGRP2	RAS guanyl	ENSG00000122.24483	0.812743	1.174422	0.692037
ENSG0000015147	PDE6D	phosphodi	ENSG00000112.89829	1.023391	1.478862	0.692012
ENSG000001207	AKT1	AKT serine,	ENSG00000180.63339	-0.52639	0.760936	-0.69177

ENSG00000283987	HID1	HID1 domain	ENSG00000283987	8.07639	-1.38646	2.004421	-0.6917
ENSG00000440498	HSBP1L1	heat shock protein 1-like 1	ENSG00000440498	8.07639	-1.38646	2.004421	-0.6917
ENSG0000079739	TTLL7	tubulin tyrosine lyase 7	ENSG0000079739	15.95766	0.937675	1.355663	0.691673
ENSG0000026973	CHORDC1	cysteine arylamidase 1	ENSG0000026973	35.79428	-0.69521	1.005147	-0.69165
ENSG00000167838	TXLNB	taxilin beta	ENSG00000167838	220.7597	0.417767	0.604236	0.691397
ENSG0000084981	MIR22HG	MIR22 host gene	ENSG0000084981	23.65557	-0.8273	1.196775	-0.69127
ENSG00000283229	CRACR2B	calcium release-activated calcium receptor 2B	ENSG00000283229	5.122436	-1.77742	2.572259	-0.691
ENSG00000201931	TMEM192	transmembrane protein 192	ENSG00000201931	33.40726	-0.71716	1.038039	-0.69088
ENSG000007372	UMPS	uridine monophosphate synthetase	ENSG000007372	10.83927	-1.19211	1.725516	-0.69087
ENSG00000211895			ENSG00000211895	17.24323	-3.67515	5.320679	-0.69073
ENSG000009127	P2RX6	purinergic receptor P2X6	ENSG000009127	5.430426	-1.8695	2.706779	-0.69067
ENSG0000023589	CARHSP1	calcium release-activated calcium receptor homolog 1	ENSG0000023589	16.09602	-0.98564	1.427489	-0.69047
ENSG000003760	KCNJ3	potassium channel, voltage-independent, Shal-like A	ENSG000003760	4.151388	1.763392	2.554029	0.690436
ENSG00000101929425	BTBD9-AS1	BTBD9 antisense 1	ENSG00000101929425	4.151388	1.763392	2.554029	0.690436
ENSG000009692	KIAA0391	KIAA0391	ENSG000009692	5.569186	1.483461	2.149551	0.690126
ENSG0000023400	ATP13A2	ATPase class 2, type 13A, isoform 2	ENSG0000023400	12.79772	1.038083	1.504218	0.690115
ENSG0000080219	COQ10B	coenzyme Q10, ubiquinol, biosynthetic form	ENSG0000080219	27.05261	0.74892	1.085889	0.689684
ENSG0000026140	TTLL3	tubulin tyrosine lyase 3	ENSG0000026140	22.13798	0.829791	1.204486	0.688917
ENSG000009935	MAFB	MAF bZIP transcription factor B	ENSG000009935	21.40509	0.907533	1.317843	0.68865
ENSG0000084868	HAVCR2	hepatitis A virus cell receptor 2	ENSG0000084868	12.61293	1.07682	1.563883	0.688556
ENSG0000027347	STK39	serine/threonine kinase 39	ENSG0000027347	38.28187	-0.68016	0.987814	-0.68855
ENSG00000339855	KY	kyphoscoliosis 1	ENSG00000339855	14.33244	1.000222	1.452781	0.688488
ENSG0000023307	FKBP15	FK506 binding protein 15	ENSG0000023307	76.35855	0.516185	0.749799	0.688431
ENSG0000027248	ERLEC1	endoplasmic reticulum chaperone 1	ENSG0000027248	56.45993	0.569545	0.828111	0.687764
ENSG000001285	COL4A3	collagen type IV alpha 3 chain	ENSG000001285	18.7684	-0.9278	1.349077	-0.68773
ENSG000009581	PREPL	prolyl 4-hydroxylase	ENSG000009581	130.0014	-0.47112	0.685395	-0.68736
ENSG0000054989	ZNF770	zinc finger protein 770	ENSG0000054989	80.55296	-0.52216	0.75966	-0.68736
ENSG000001346	COX7A1	cytochrome c oxidase subunit 7A1	ENSG000001346	237.2081	0.398505	0.580049	0.68702
ENSG000001490	CTGF	connective tissue growth factor	ENSG000001490	48.13271	0.607305	0.884463	0.686637
ENSG000005905	RANGAP1	Ran GTPase-activating protein 1	ENSG000005905	41.68336	0.63264	0.921712	0.686374
ENSG000007582	ZNF33B	zinc finger protein 33B	ENSG000007582	30.89077	-0.73272	1.067564	-0.68635
ENSG0000026578	OSTF1	osteoclast stromal cell derived factor 1	ENSG0000026578	26.97466	0.751851	1.095438	0.686347
ENSG000004864	NPC1	NPC intracellular chaperone 1	ENSG000004864	31.18869	-0.75371	1.098367	-0.68621
ENSG00000728661	SLC35E2B	solute carrier family 35, member 2B	ENSG00000728661	33.30041	-0.70988	1.034505	-0.6862
ENSG0000079724	ZNF768	zinc finger protein 768	ENSG0000079724	21.1001	-0.86278	1.257604	-0.68605
ENSG0000022885	ABLIM3	actin binding LIM domain protein 3	ENSG0000022885	201.9786	0.408932	0.596436	0.685625
ENSG0000079142	PHF23	PHD finger protein 23	ENSG0000079142	20.72646	0.827534	1.2072	0.685499
ENSG0000093621	MRFAP1	Morf4 family protein 1	ENSG0000093621	104.607	0.473501	0.690901	0.685339
ENSG00000116225	ZMYND19	zinc finger MYND domain containing 19	ENSG00000116225	8.03114	-1.37042	2.000112	-0.68517
ENSG0000080312	TET1	tet methylase 1	ENSG0000080312	22.05376	0.841666	1.228544	0.685092
ENSG0000084816	RTN4IP1	reticulon 4 interacting protein 1	ENSG0000084816	11.20258	-1.23941	1.809663	-0.68488
ENSG0000027101	CACYBP	calcyclin binding protein	ENSG0000027101	30.31939	0.71264	1.040726	0.684753
ENSG0000090268	OTULIN	OTU deubiquitinase	ENSG0000090268	47.55713	-0.61652	0.900545	-0.6846
ENSG0000059342	SCPEP1	serine carboxylase 1	ENSG0000059342	84.42304	0.506449	0.73979	0.684585
ENSG00000261189			ENSG00000261189	4.235611	1.666683	2.435112	0.684438
ENSG0000027099	SND1-IT1	SND1 intron 1	ENSG0000027099	4.235611	1.666683	2.435112	0.684438
ENSG00000240527			ENSG00000240527	4.235611	1.666683	2.435112	0.684438

ENSG00000103625	ENSG00000225422		ENSG000004235611	1.666683	2.435112	0.684438	
ENSG00000103625	ENSG0000018787	RGS9	regulator c	ENSG000004235611	1.666683	2.435112	0.684438
ENSG00000103625	ENSG00000103625	RNU6-2	RNA, U6 sn	ENSG000004235611	1.666683	2.435112	0.684438
ENSG00000103625	ENSG00000127439	TMEM121	transmembr	ENSG000004235611	1.666683	2.435112	0.684438
ENSG00000103625	ENSG0000019619	ABCG1	ATP bindin	ENSG0000026.34678	-0.81402	1.189426	-0.68438
ENSG00000103625	ENSG00000123326	USP22	ubiquitin s	ENSG00000188.6963	-0.44402	0.648942	-0.68422
ENSG00000103625	ENSG00000155039	TRMT12	tRNA meth	ENSG0000011.4189	1.075068	1.571287	0.684196
ENSG00000103625	ENSG00000110039	PARP3	poly(ADP-r	ENSG0000016.04188	0.920141	1.345092	0.684073
ENSG00000103625	ENSG0000018463	TEAD2	TEA domai	ENSG0000049.90518	-0.60514	0.884782	-0.68394
ENSG00000103625	ENSG000001221303	FAM162B	family with	ENSG000005.021865	-1.7523	2.562136	-0.68392
ENSG00000103625	ENSG0000010279518			ENSG000005.021865	-1.7523	2.562136	-0.68392
ENSG00000103625	ENSG0000019719	ADAMTSL2	ADAMTS li	ENSG000005.021865	-1.7523	2.562136	-0.68392
ENSG00000103625	ENSG000001219333	USP12	ubiquitin s	ENSG0000041.72861	0.627846	0.9185	0.683556
ENSG00000103625	ENSG000001441027	TMEM150	transmembr	ENSG0000023.53237	-0.81827	1.197341	-0.6834
ENSG00000103625	ENSG0000010228056			ENSG000001.759922	-2.87431	4.207056	-0.68321
ENSG00000103625	ENSG0000010279484			ENSG000001.759922	-2.87431	4.207056	-0.68321
ENSG00000103625	ENSG0000010234737			ENSG000001.759922	-2.87431	4.207056	-0.68321
ENSG00000103625	ENSG000001199223	TTC21A	tetratricop	ENSG000001.759922	-2.87431	4.207056	-0.68321
ENSG00000103625	ENSG0000010243384			ENSG000001.759922	-2.87431	4.207056	-0.68321
ENSG00000103625	ENSG0000010241344			ENSG000001.759922	-2.87431	4.207056	-0.68321
ENSG00000103625	ENSG000001401164	LINC01060	long interg	ENSG000001.759922	-2.87431	4.207056	-0.68321
ENSG00000103625	ENSG0000010249057			ENSG000001.759922	-2.87431	4.207056	-0.68321
ENSG00000103625	ENSG0000019796	PHYHIP	phytanoyl-	ENSG000001.759922	-2.87431	4.207056	-0.68321
ENSG00000103625	ENSG0000010212125			ENSG000001.759922	-2.87431	4.207056	-0.68321
ENSG00000103625	ENSG0000010255864			ENSG000001.759922	-2.87431	4.207056	-0.68321
ENSG00000103625	ENSG00000164067	NPAS3	neuronal P	ENSG000001.759922	-2.87431	4.207056	-0.68321
ENSG00000103625	ENSG00000123729	SHPK	sedoheptu	ENSG000001.759922	-2.87431	4.207056	-0.68321
ENSG00000103625	ENSG00000151168	MYO15A	myosin XV	ENSG000001.759922	-2.87431	4.207056	-0.68321
ENSG00000103625	ENSG000001100505715	LOC100505	uncharacte	ENSG000001.759922	-2.87431	4.207056	-0.68321
ENSG00000103625	ENSG0000010280384			ENSG000001.759922	-2.87431	4.207056	-0.68321
ENSG00000103625	ENSG0000016173	RPL36A	ribosomal	ENSG000001.759922	-2.87431	4.207056	-0.68321
ENSG00000103625	ENSG0000019087	TMSB4Y	thymosin b	ENSG000001.759922	-2.87431	4.207056	-0.68321
ENSG00000103625	ENSG0000017322	UBE2D2	ubiquitin c	ENSG0000053.06368	0.587473	0.859893	0.683194
ENSG00000103625	ENSG00000151114	ZDHHC9	zinc finger	ENSG0000026.16578	-0.79402	1.162266	-0.68317
ENSG00000103625	ENSG0000015378	PMS1	PMS1 hom	ENSG0000025.43367	0.764691	1.119636	0.682982
ENSG00000103625	ENSG000001677767	SCARNA7	small Cajal	ENSG00000121.3005	0.456357	0.668298	0.682865
ENSG00000103625	ENSG00000110133	OPTN	optineurin	ENSG00000226.3971	0.409539	0.599893	0.682687
ENSG00000103625	ENSG00000123658	LSM5	LSM5 hom	ENSG0000016.01926	0.927852	1.359445	0.682523
ENSG00000103625	ENSG00000123235	SIK2	salt inducik	ENSG00000101.7633	-0.49417	0.724114	-0.68245
ENSG00000103625	ENSG00000155890	GPRC5C	G protein-c	ENSG0000010.95619	-1.20212	1.761884	-0.68229
ENSG00000103625	ENSG00000126061	HACL1	2-hydroxya	ENSG0000015.94131	0.931897	1.366241	0.682089
ENSG00000103625	ENSG0000015160	PDHA1	pyruvate d	ENSG00000302.101	0.429531	0.629911	0.681891
ENSG00000103625	ENSG00000125923	ATL3	atlastin GT	ENSG00000105.7227	-0.47815	0.701324	-0.68178
ENSG00000103625	ENSG00000157169	ZNFX1	zinc finger	ENSG00000156.9776	0.423931	0.621805	0.681774
ENSG00000103625	ENSG0000013489	IGFBP6	insulin like	ENSG0000016.08974	-0.97965	1.437026	-0.68172
ENSG00000103625	ENSG0000016188	RPS3	ribosomal	ENSG00000223.9271	0.416192	0.610704	0.681495
ENSG00000103625	ENSG0000016345	SRL	sarcalumer	ENSG00000742.1984	-0.34896	0.51209	-0.68144

ENSG0000016903	TBCC	tubulin fold	ENSG0000016903	7.025958	1.322651	1.94113	0.681382
ENSG000001159	ADSS	adenylosuccinyl	ENSG000001159	8.014792	-1.3742	2.018197	-0.68091
ENSG0000019562	MINPP1	multiple in	ENSG0000019562	8.014792	-1.3742	2.018197	-0.68091
ENSG0000011893	ECM1	extracellular	ENSG0000011893	30.84552	-0.72835	1.069798	-0.68083
ENSG000001100653233	LOC100653233	uncharacterized	ENSG000001100653233	5.546561	1.515231	2.225643	0.680806
ENSG0000018764	TNFRSF14	TNF receptor	ENSG0000018764	14.46191	0.962764	1.414264	0.680753
ENSG0000016095	RORA	RAR related	ENSG0000016095	70.88169	-0.53486	0.785699	-0.68074
ENSG0000018721	EDF1	endothelial	ENSG0000018721	72.97864	0.527096	0.774373	0.680674
ENSG000001126731	CCSAP	centriole, c	ENSG000001126731	9.962126	1.12841	1.657894	0.680629
ENSG00000155093	WDYHV1	WDYHV motif	ENSG00000155093	9.962126	1.12841	1.657894	0.680629
ENSG0000016814	STXBP3	syntaxin binding	ENSG0000016814	41.68964	0.628954	0.924302	0.680464
ENSG00000110556	RPP30	ribonucleoprotein	ENSG00000110556	13.39474	-1.05648	1.552777	-0.68038
ENSG0000016259	RYK	receptor-like	ENSG0000016259	88.22158	0.489071	0.718945	0.680263
ENSG00000151451	LCMT1	leucine carboxyl	ENSG00000151451	20.78806	0.820238	1.205806	0.68024
ENSG0000013660	IRF2	interferon	ENSG0000013660	37.9965	-0.6675	0.981285	-0.68023
ENSG00000151035	UBXN1	UBX domain	ENSG00000151035	38.45555	0.650391	0.95626	0.680141
ENSG00000164430	PCNX4	pecanex 4	ENSG00000164430	68.56634	-0.5397	0.793857	-0.67985
ENSG0000011797	DXO	decapping	ENSG0000011797	5.044491	-1.76443	2.595733	-0.67974
ENSG0000016297	SALL2	spalt like transcription	ENSG0000016297	5.044491	-1.76443	2.595733	-0.67974
ENSG0000010263072			ENSG0000010263072	5.044491	-1.76443	2.595733	-0.67974
ENSG00000127352	SGSM3	small G protein	ENSG00000127352	21.07748	-0.85959	1.264681	-0.67969
ENSG0000019725	TMEM63A	transmembrane	ENSG0000019725	49.92152	-0.60473	0.889828	-0.6796
ENSG00000151091	SEPSECS	Sep (O-phospho)	ENSG00000151091	17.64447	0.877985	1.292104	0.6795
ENSG00000154971	BANP	BTG3 associated	ENSG00000154971	17.5439	0.888628	1.307911	0.679426
ENSG000001147727	ILF3-DT	ILF3 divergent	ENSG000001147727	17.5439	0.888628	1.307911	0.679426
ENSG00000110605	PAIP1	poly(A) binding	ENSG00000110605	73.13702	0.518647	0.763446	0.67935
ENSG00000181490	PTDSS2	phosphatidylserine	ENSG00000181490	18.58361	-0.91083	1.340999	-0.67922
ENSG00000123111	SPART	spartin	ENSG00000123111	78.15222	0.507784	0.747634	0.679188
ENSG000001113178	SCAMP4	secretory carrier	ENSG000001113178	10.73242	-1.17054	1.723941	-0.67899
ENSG00000159272	ACE2	angiotensin II	ENSG00000159272	47.67405	-0.61938	0.91238	-0.67887
ENSG00000151309	ARMCX1	armadillo repeat	ENSG00000151309	25.94201	-0.78005	1.149085	-0.67884
ENSG0000012055	CLN8	CLN8, transmembrane	ENSG0000012055	33.17722	-0.70333	1.036415	-0.67862
ENSG00000155604	CARMIL1	capping protein	ENSG00000155604	23.99325	0.771368	1.137253	0.678273
ENSG000001200765	TIGD1	tigger transcription	ENSG000001200765	2.778839	2.202817	3.248808	0.678039
ENSG0000011233	CCR4	C-C motif containing	ENSG0000011233	2.778839	2.202817	3.248808	0.678039
ENSG00000126996	GPR160	G protein-coupled	ENSG00000126996	2.778839	2.202817	3.248808	0.678039
ENSG000001285638	LOC285638	uncharacterized	ENSG000001285638	2.778839	2.202817	3.248808	0.678039
ENSG000001101929140	LOC101929140	uncharacterized	ENSG000001101929140	2.778839	2.202817	3.248808	0.678039
ENSG000001284029	LINC00324	long intergenic	ENSG000001284029	2.778839	2.202817	3.248808	0.678039
ENSG0000010240531			ENSG0000010240531	2.778839	2.202817	3.248808	0.678039
ENSG000001360	AQP3	aquaporin	ENSG000001360	13.41108	-1.05418	1.555053	-0.67791
ENSG0000016542	SLC7A2	solute carrier	ENSG0000016542	106.0206	-0.48427	0.714397	-0.67787
ENSG0000011195	CLK1	CDC like kinase	ENSG0000011195	113.6581	0.481963	0.711082	0.677789
ENSG0000016294	SAFB	scaffold attachment	ENSG0000016294	57.10769	-0.5848	0.863012	-0.67763
ENSG000001160518	DENND5B	DENN domain	ENSG000001160518	117.1135	-0.46142	0.681137	-0.67742
ENSG0000015756	TWF1	twinfilin associated	ENSG0000015756	28.35793	-0.75208	1.111052	-0.67691
ENSG0000010229436			ENSG0000010229436	4.99924	-1.73976	2.570336	-0.67686

ENSG0000I	ENSG00000270108		ENSG0000I	4.99924	-1.73976	2.570336	-0.67686	
ENSG0000I	ENSG0000I 283848	CES4A	carboxyles	ENSG0000I	4.99924	-1.73976	2.570336	-0.67686
ENSG0000I	ENSG0000I 9953	HS3ST3B1	heparan su	ENSG0000I	4.99924	-1.73976	2.570336	-0.67686
ENSG0000I	ENSG0000I 57719	ANO8	anoctamin	ENSG0000I	4.99924	-1.73976	2.570336	-0.67686
ENSG0000I	ENSG0000I 342908	ZNF404	zinc finger	ENSG0000I	4.99924	-1.73976	2.570336	-0.67686
ENSG0000I	ENSG0000I 22934	RPIA	ribose 5-ph	ENSG0000I	10.833	-1.18334	1.74833	-0.67684
ENSG0000I	ENSG0000I 55244	SLC47A1	solute carr	ENSG0000I	10.833	-1.18334	1.74833	-0.67684
ENSG0000I	ENSG0000I 23633	KPNA6	karyopheri	ENSG0000I	175.7015	-0.43412	0.641586	-0.67664
ENSG0000I	ENSG0000I 55768	NGLY1	N-glycanas	ENSG0000I	33.69302	0.672748	0.994346	0.676573
ENSG0000I	ENSG0000I 11149	BVES	blood vess	ENSG0000I	82.6367	0.557338	0.823896	0.676467
ENSG0000I	ENSG0000I 23203	PMPCA	peptidase,	ENSG0000I	48.2559	0.601236	0.888831	0.676434
ENSG0000I	ENSG0000I 1019	CDK4	cyclin depe	ENSG0000I	21.01588	-0.85455	1.263494	-0.67634
ENSG0000I	ENSG0000I 2197	FAU	FAU, ubiqu	ENSG0000I	84.63046	0.500367	0.739855	0.676304
ENSG0000I	ENSG0000I 1603	DAD1	defender a	ENSG0000I	36.95981	0.649608	0.960602	0.676251
ENSG0000I	ENSG0000I 27244	SESN1	sestrin 1	ENSG0000I	67.62655	0.553885	0.819223	0.67611
ENSG0000I	ENSG0000I 5533	PPP3CC	protein ph	ENSG0000I	47.39496	-0.61089	0.903958	-0.6758
ENSG0000I	ENSG0000I 958	CD40	CD40 mole	ENSG0000I	9.861555	1.147592	1.698212	0.675765
ENSG0000I	ENSG0000I 7417	VDAC2	voltage de	ENSG0000I	156.7966	0.427773	0.633237	0.675533
ENSG0000I	ENSG0000I 9261	MAPKAPK2	mitogen-ac	ENSG0000I	304.9077	-0.38347	0.567687	-0.6755
ENSG0000I	ENSG0000I 57698	SHTN1	shootin 1	ENSG0000I	8.505355	1.19964	1.776021	0.675465
ENSG0000I	ENSG0000I 23265	EXOC7	exocyst co	ENSG0000I	45.14121	-0.62472	0.925006	-0.67536
ENSG0000I	ENSG0000I 22849	CPEB3	cytoplasm	ENSG0000I	28.35166	-0.74875	1.108665	-0.67536
ENSG0000I	ENSG0000I 63899	NSUN3	NOP2/Sun	ENSG0000I	11.50312	1.049097	1.553624	0.675258
ENSG0000I	ENSG0000I 142891	SAMD8	sterile alph	ENSG0000I	98.4875	-0.48077	0.712283	-0.67497
ENSG0000I	ENSG0000I 9843	HEPH	hephaestir	ENSG0000I	30.32567	0.706996	1.04752	0.674923
ENSG0000I	ENSG0000I 2821	GPI	glucose-6- β	ENSG0000I	351.4346	-0.36843	0.545924	-0.67488
ENSG0000I	ENSG0000I 51105	PHF20L1	PHD finger	ENSG0000I	101.7878	0.466076	0.690731	0.674757
ENSG0000I	ENSG0000I 160418	TMTC3	transmeml	ENSG0000I	33.11562	-0.70004	1.037724	-0.6746
ENSG0000I	ENSG0000I 23067	SETD1B	SET domai	ENSG0000I	33.11562	-0.70004	1.037724	-0.6746
ENSG0000I	ENSG0000I 7077	TIMP2	TIMP meta	ENSG0000I	144.3661	-0.43426	0.6438	-0.67452
ENSG0000I	ENSG0000I 7592	ZNF41	zinc finger	ENSG0000I	35.33459	0.661498	0.981055	0.674272
ENSG0000I	ENSG0000I 5241	PGR	progestero	ENSG0000I	53.38422	0.568727	0.843485	0.674258
ENSG0000I	ENSG0000I 79886	CAAP1	caspase ac	ENSG0000I	9.923153	1.130776	1.67771	0.673999
ENSG0000I	ENSG0000I 3638	INSIG1	insulin ind	ENSG0000I	13.67003	-1.09768	1.629005	-0.67383
ENSG0000I	ENSG0000I 50717	DCAF8	DDB1 and (	ENSG0000I	73.01604	-0.52326	0.776642	-0.67374
ENSG0000I	ENSG0000I 9158	FIBP	FGF1 intrac	ENSG0000I	20.81069	0.814662	1.209571	0.673514
ENSG0000I	ENSG0000I 8690	JRKL	JRK like	ENSG0000I	10.7714	-1.17389	1.743474	-0.67331
ENSG0000I	ENSG0000I 126231	ZNF573	zinc finger	ENSG0000I	10.7714	-1.17389	1.743474	-0.67331
ENSG0000I	ENSG0000I 440944	THUMPD3	THUMPD3	ENSG0000I	22.45225	0.787368	1.169458	0.673276
ENSG0000I	ENSG0000I 2935	GSPT1	G1 to S ph	ENSG0000I	150.5835	0.422953	0.628332	0.673136
ENSG0000I	ENSG0000I 57798	GATAD1	GATA zinc	ENSG0000I	28.27371	-0.7459	1.108464	-0.67291
ENSG0000I	ENSG0000I 84836	ABHD14B	abhydrolas	ENSG0000I	13.31051	-1.04381	1.551329	-0.67285
ENSG0000I	ENSG0000I 221545	C6orf136	chromosor	ENSG0000I	13.31051	-1.04381	1.551329	-0.67285
ENSG0000I	ENSG0000I 24144	TFIP11	tuftelin int	ENSG0000I	32.05146	0.685066	1.018397	0.67269
ENSG0000I	ENSG0000I 2140	EYA3	EYA transci	ENSG0000I	35.54161	-0.68036	1.01145	-0.67265
ENSG0000I	ENSG0000I 3739	KCNA4	potassium	ENSG0000I	10.71608	-1.17337	1.744543	-0.67259
ENSG0000I	ENSG0000I 23176	SEPT8	septin 8	ENSG0000I	47.31074	-0.60714	0.902831	-0.67249

ENSG00000201965	RWDD4	RWD domain	ENSG0000013.04412	0.98873	1.470328	0.672455
ENSG0000093654	ST7-AS2	ST7 antisense	ENSG000004.960268	-1.73332	2.578141	-0.67231
ENSG000002877	GPX2	glutathione peroxidase 2	ENSG000004.960268	-1.73332	2.578141	-0.67231
ENSG00000260257			ENSG000004.960268	-1.73332	2.578141	-0.67231
ENSG0000023157	SEPT6	septin 6	ENSG0000028.88525	0.709405	1.055738	0.671951
ENSG0000010952	SEC61B	Sec61 transmembrane protein beta	ENSG0000016.1261	0.902819	1.344127	0.671677
ENSG00000138050	HGSNAT	heparanase	ENSG0000059.05724	-0.56278	0.837919	-0.67164
ENSG000006873	TAF2	TATA-box binding protein 25	ENSG0000033.16087	-0.70406	1.048397	-0.67156
ENSG000001200	TPP1	tripeptidyl aminopeptidase 1	ENSG00000115.315	0.448946	0.668653	0.671419
ENSG000005208	PFKFB2	6-phosphofructokinase beta	ENSG00000167.0875	-0.44583	0.664012	-0.67142
ENSG0000057156	TMEM63C	transmembrane protein 63C	ENSG000007.907944	-1.34564	2.004195	-0.67141
ENSG0000011141	IL1RAPL1	interleukin 1 receptor accessory protein 1	ENSG000007.907944	-1.34564	2.004195	-0.67141
ENSG000004097	MAFG	MAF bZIP transcription factor 1	ENSG0000036.99878	0.648406	0.966416	0.670939
ENSG000002067	ERCC1	ERCC excision repair factor 1	ENSG0000040.18134	0.635072	0.946604	0.670895
ENSG00000153768	PRELID2	PRELI domain containing 2	ENSG0000019.26969	0.836664	1.247315	0.670772
ENSG0000051135	IRAK4	interleukin 1 receptor-associated kinase 4	ENSG0000019.26969	0.836664	1.247315	0.670772
ENSG000006049	RNF6	ring finger protein 6	ENSG0000041.77386	0.623132	0.92919	0.670619
ENSG0000057573	ZNF471	zinc finger protein 471	ENSG0000015.90495	-0.96007	1.431891	-0.67049
ENSG000005520	PPP2R2A	protein phosphatase 2 regulatory subunit 2A	ENSG0000052.12375	-0.58891	0.878437	-0.6704
ENSG000001052	CEBPD	CCAAT enhancer binding protein delta	ENSG0000025.88669	-0.77954	1.163203	-0.67017
ENSG00000355	FAS	Fas cell surface receptor	ENSG0000020.87228	0.80742	1.205763	0.669634
ENSG000003303	HSPA1A	heat shock protein 70 class A class 1 member 1A	ENSG0000072.93182	-0.52081	0.777899	-0.66951
ENSG00000117608	ZNF354B	zinc finger protein 354B	ENSG000007.953194	-1.36181	2.034179	-0.66946
ENSG0000055208	DCUN1D2	defective in cerebellar ataxia with axonal spheroid degeneration 2	ENSG0000089.44608	-0.49644	0.741641	-0.66937
ENSG00000115560	ZNF501	zinc finger protein 501	ENSG000006.986985	1.324978	1.979897	0.669216
ENSG000001880	GPR183	G protein-coupled receptor 183	ENSG000006.986985	1.324978	1.979897	0.669216
ENSG00000145282	MIPOL1	mirror-image polyoma virus PTA1	ENSG0000016.06712	-0.97565	1.458174	-0.66909
ENSG000009921	RNF10	ring finger protein 10	ENSG00000248.8135	-0.38533	0.576146	-0.6688
ENSG00000201176	ARHGAP27	Rho GTPase activating protein 27	ENSG0000038.70822	0.63122	0.943825	0.668789
ENSG00000169841	ZNF169	zinc finger protein 169	ENSG000004.937642	-1.72062	2.574848	-0.66824
ENSG0000083733	SLC25A18	solute carrier family 25 member 18	ENSG000004.937642	-1.72062	2.574848	-0.66824
ENSG000007317	UBA1	ubiquitin ligase 1	ENSG00000132.5768	-0.43878	0.657001	-0.66786
ENSG0000057413	TMIGD3	transmembrane protein 3	ENSG000004.297209	1.621149	2.428308	0.667604
ENSG000007980	TFPI2	tissue inhibitor of metalloproteinase 2	ENSG000004.297209	1.621149	2.428308	0.667604
ENSG00000235027			ENSG000004.297209	1.621149	2.428308	0.667604
ENSG00000200316	APOBEC3F	apolipoprotein B editing catalase 3F	ENSG000004.297209	1.621149	2.428308	0.667604
ENSG000006004	RGS16	regulator of G protein signaling 16	ENSG000001.720949	-2.85542	4.27785	-0.66749
ENSG0000056660	KCNK12	potassium channel subfamily K member 12	ENSG000001.720949	-2.85542	4.27785	-0.66749
ENSG00000152189	CMTM8	CKLF like motif containing transmembrane protein 8	ENSG000001.720949	-2.85542	4.27785	-0.66749
ENSG00000241738			ENSG000001.720949	-2.85542	4.27785	-0.66749
ENSG00000654254	ZNF732	zinc finger protein 732	ENSG000001.720949	-2.85542	4.27785	-0.66749
ENSG00000230826			ENSG000001.720949	-2.85542	4.27785	-0.66749
ENSG00000271335			ENSG000001.720949	-2.85542	4.27785	-0.66749
ENSG00000741	ZNHIT2	zinc finger protein 741	ENSG000001.720949	-2.85542	4.27785	-0.66749
ENSG00000256712			ENSG000001.720949	-2.85542	4.27785	-0.66749
ENSG00000225349			ENSG000001.720949	-2.85542	4.27785	-0.66749
ENSG0000010330	CNPY2	canopy FGF receptor 2	ENSG000001.720949	-2.85542	4.27785	-0.66749

ENSG0000015105	ENSG0000015105	PCK1	phosphoer	ENSG0000015105	1.720949	-2.85542	4.27785	-0.66749
ENSG0000023641	ENSG0000023641	LDOC1	LDOC1, reg	ENSG0000023641	1.720949	-2.85542	4.27785	-0.66749
ENSG00000260197	ENSG00000260197			ENSG00000260197	1.720949	-2.85542	4.27785	-0.66749
ENSG000005791	ENSG000005791	PTPRE	protein tyr	ENSG000005791	54.0465	0.604939	0.906768	0.667137
ENSG000006536	ENSG000006536	SLC6A9	solute carr	ENSG000006536	1.698324	-2.82581	4.236061	-0.66708
ENSG00000284615	ENSG00000284615	ANKRD34A	ankyrin re	ENSG00000284615	1.698324	-2.82581	4.236061	-0.66708
ENSG00000375260	ENSG00000375260	WASH2P	WAS prote	ENSG00000375260	1.698324	-2.82581	4.236061	-0.66708
ENSG00000213225	ENSG00000213225			ENSG00000213225	1.698324	-2.82581	4.236061	-0.66708
ENSG000008927	ENSG000008927	BSN	bassoon pr	ENSG000008927	1.698324	-2.82581	4.236061	-0.66708
ENSG000008372	ENSG000008372	HYAL3	hyaluronid	ENSG000008372	1.698324	-2.82581	4.236061	-0.66708
ENSG00000251332	ENSG00000251332			ENSG00000251332	1.698324	-2.82581	4.236061	-0.66708
ENSG000004085	ENSG000004085	MAD2L1	mitotic arr	ENSG000004085	1.698324	-2.82581	4.236061	-0.66708
ENSG0000056132	ENSG0000056132	PCDHB3	protocadhe	ENSG0000056132	1.698324	-2.82581	4.236061	-0.66708
ENSG00000253218	ENSG00000253218			ENSG00000253218	1.698324	-2.82581	4.236061	-0.66708
ENSG00000237234	ENSG00000237234			ENSG00000237234	1.698324	-2.82581	4.236061	-0.66708
ENSG00000218596	ENSG00000218596			ENSG00000218596	1.698324	-2.82581	4.236061	-0.66708
ENSG00000101927021	ENSG00000101927021	LOC101927	uncharacte	ENSG00000101927021	1.698324	-2.82581	4.236061	-0.66708
ENSG00000225224	ENSG00000225224			ENSG00000225224	1.698324	-2.82581	4.236061	-0.66708
ENSG0000055290	ENSG0000055290	BRF2	BRF2, RNA	ENSG0000055290	1.698324	-2.82581	4.236061	-0.66708
ENSG00000271833	ENSG00000271833			ENSG00000271833	1.698324	-2.82581	4.236061	-0.66708
ENSG0000094233	ENSG0000094233	OPN4	opsin 4	ENSG0000094233	1.698324	-2.82581	4.236061	-0.66708
ENSG00000183562	ENSG00000183562			ENSG00000183562	1.698324	-2.82581	4.236061	-0.66708
ENSG0000010192896	ENSG0000010192896	LOC101928	uncharacte	ENSG0000010192896	1.698324	-2.82581	4.236061	-0.66708
ENSG00000440078	ENSG00000440078	FAM66C	family with	ENSG00000440078	1.698324	-2.82581	4.236061	-0.66708
ENSG00000259683	ENSG00000259683			ENSG00000259683	1.698324	-2.82581	4.236061	-0.66708
ENSG00000259295	ENSG00000259295			ENSG00000259295	1.698324	-2.82581	4.236061	-0.66708
ENSG00000374659	ENSG00000374659	HDDC3	HD domair	ENSG00000374659	1.698324	-2.82581	4.236061	-0.66708
ENSG000007473	ENSG000007473	WNT3	Wnt family	ENSG000007473	1.698324	-2.82581	4.236061	-0.66708
ENSG00000279382	ENSG00000279382			ENSG00000279382	1.698324	-2.82581	4.236061	-0.66708
ENSG000004225	ENSG000004225	MEP1B	meprin A s	ENSG000004225	1.698324	-2.82581	4.236061	-0.66708
ENSG00000278897	ENSG00000278897			ENSG00000278897	1.698324	-2.82581	4.236061	-0.66708
ENSG00000229598	ENSG00000229598			ENSG00000229598	1.698324	-2.82581	4.236061	-0.66708
ENSG00000253190	ENSG00000253190	SERHL2	serine hyd	ENSG00000253190	1.698324	-2.82581	4.236061	-0.66708
ENSG000007403	ENSG000007403	KDM6A	lysine dem	ENSG000007403	37.77274	-0.65767	0.986372	-0.66676
ENSG0000058526	ENSG0000058526	MID1IP1	MID1 inter	ENSG0000058526	31.7045	0.709906	1.064744	0.666739
ENSG00000546	ENSG00000546	ATRX	ATRX, chro	ENSG00000546	274.9538	-0.38723	0.580871	-0.66663
ENSG00000255798	ENSG00000255798	SMCO1	single-pass	ENSG00000255798	43.04963	0.643595	0.965452	0.666625
ENSG0000010419	ENSG0000010419	PRMT5	protein arg	ENSG0000010419	11.56472	1.035174	1.553057	0.666539
ENSG00000114609	ENSG00000114609	TIRAP	TIR domair	ENSG00000114609	7.946917	-1.34999	2.025458	-0.66651
ENSG0000090678	ENSG0000090678	LRSAM1	leucine ricl	ENSG0000090678	38.58358	-0.69264	1.039298	-0.66645
ENSG000001611	ENSG000001611	DAP	death asso	ENSG000001611	23.9153	0.774658	1.162422	0.666417
ENSG0000010825	ENSG0000010825	NEU3	neuraminic	ENSG0000010825	28.26743	-0.74255	1.114261	-0.6664
ENSG000001719	ENSG000001719	DHFR	dihydrofol	ENSG000001719	8.566953	1.180035	1.770816	0.666379
ENSG0000051586	ENSG0000051586	MED15	mediator c	ENSG0000051586	28.23474	-0.74444	1.117159	-0.66637
ENSG0000079741	ENSG0000079741	CCDC7	coiled-coil	ENSG0000079741	11.46415	1.051472	1.578551	0.6661
ENSG0000085459	ENSG0000085459	CEP295	centrosom	ENSG0000085459	30.66701	-0.72079	1.082124	-0.66608
ENSG0000023394	ENSG0000023394	ADNP	activity de	ENSG0000023394	81.99966	-0.4981	0.747949	-0.66596

ENSG000010461	MERTK	MER proto	ENSG000010461	39.3705	0.678618	1.019025	0.665948
ENSG000018853	ASAP2	ArfGAP wit	ENSG000018853	33.04775	-0.69392	1.042376	-0.66571
ENSG0000157636	ARHGAP23	Rho GTPase	ENSG0000157636	47.16492	-0.60102	0.903084	-0.66552
ENSG000018443	GNPAT	glyceroneph	ENSG000018443	71.81351	0.513164	0.771462	0.665184
ENSG000013685	ITGAV	integrin sub	ENSG000013685	443.5444	0.352767	0.53039	0.66511
ENSG000015500	PPP1CB	protein phosphatase	ENSG000015500	350.0026	0.36533	0.549299	0.665084
ENSG00001225	ABCD2	ATP binding cassette	ENSG00001225	24.45006	-0.88275	1.327659	-0.66489
ENSG0000184817	TXNDC17	thioredoxin domain	ENSG0000184817	10.04635	1.097931	1.651521	0.6648
ENSG00001113277	TMEM106	transmembrane	ENSG00001113277	10.04635	1.097931	1.651521	0.6648
ENSG000012135	EXTL2	exostosin like	ENSG000012135	10.6482	-1.15489	1.73756	-0.66466
ENSG0000181926	ABHD17A	abhydrolase	ENSG0000181926	10.6482	-1.15489	1.73756	-0.66466
ENSG0000123174	ZCCHC14	zinc finger	ENSG0000123174	47.48546	-0.61632	0.927289	-0.66465
ENSG0000191833	WDR20	WD repeat	ENSG0000191833	30.56016	-0.71288	1.072598	-0.66463
ENSG00001283624	LINC00641	long intergenic	ENSG00001283624	15.827	-0.95543	1.437687	-0.66456
ENSG000012235	FECH	ferrochelatase	ENSG000012235	40.32716	0.625376	0.94116	0.664474
ENSG000018912	CACNA1H	calcium voltage	ENSG000018912	7.868971	-1.34136	2.019273	-0.66428
ENSG00001253725	WASHC2C	WASH complex	ENSG00001253725	56.93637	0.548498	0.826042	0.664008
ENSG0000180816	ASXL3	ASXL transcrip	ENSG0000180816	7.846346	-1.3331	2.008936	-0.66358
ENSG000013251	HPRT1	hypoxanthine phosphoribosyl	ENSG000013251	7.846346	-1.3331	2.008936	-0.66358
ENSG000015716	PSMD10	proteasome	ENSG000015716	11.52575	1.037449	1.564381	0.663169
ENSG000012200	FBN1	fibrillin 1	ENSG000012200	461.6642	-0.41201	0.621524	-0.66291
ENSG0000157484	RNF150	ring finger	ENSG0000157484	159.8105	-0.41703	0.629133	-0.66286
ENSG0000151138	COPS4	COP9 signal	ENSG0000151138	45.38761	0.590674	0.891253	0.662745
ENSG0000179660	PPP1R3B	protein phosphatase	ENSG0000179660	132.3568	-0.43469	0.655972	-0.66267
ENSG000012137	EXTL3	exostosin like	ENSG000012137	104.8805	-0.46127	0.696521	-0.66225
ENSG000015563	PRKAA2	protein kinase	ENSG000015563	431.2539	0.356339	0.538158	0.662146
ENSG000012804	GOLGB1	golgin B1	ENSG000012804	370.7769	-0.36013	0.543883	-0.66214
ENSG0000184913	ATOX1	atonal bHLH	ENSG0000184913	18.32087	-0.88964	1.34463	-0.66163
ENSG00001100131067	CKMT2-AS1	CKMT2 ant	ENSG00001100131067	15.88233	-0.95589	1.445905	-0.6611
ENSG0000125839	COG4	component	ENSG0000125839	53.65324	0.556243	0.841687	0.660866
ENSG000011725	DHPS	deoxyhypusine	ENSG000011725	19.16912	0.846646	1.281121	0.660863
ENSG0000126057	ANKRD17	ankyrin repeat	ENSG0000126057	266.2553	-0.37578	0.569114	-0.66029
ENSG0000122893	BAHD1	bromo domain	ENSG0000122893	21.09382	-0.85852	1.300243	-0.66028
ENSG0000157545	CC2D2A	coiled-coil	ENSG0000157545	30.25152	0.722633	1.094466	0.66026
ENSG0000157708	MIER1	MIER1 transcrip	ENSG0000157708	65.34782	0.519725	0.787508	0.659961
ENSG0000100225302			ENSG0000100225302	5.038213	-1.74695	2.64714	-0.65994
ENSG000014969	OGN	osteoglycin	ENSG000014969	30.56579	0.693127	1.050741	0.659656
ENSG00001163702	IFNL1	interferon	ENSG00001163702	4.89867	-1.71406	2.59862	-0.6596
ENSG00001283870	BRICD5	BRICHOS domain	ENSG00001283870	4.89867	-1.71406	2.59862	-0.6596
ENSG0000191695	RRP7BP	ribosomal	ENSG0000191695	4.89867	-1.71406	2.59862	-0.6596
ENSG0000190673	PPP1R3E	protein phosphatase	ENSG0000190673	10.54763	-1.14203	1.732913	-0.65903
ENSG000014685	NCAM2	neural cell	ENSG000014685	13.29417	-1.0459	1.587247	-0.65894
ENSG000017916	PRRC2A	proline rich	ENSG000017916	232.0755	-0.38299	0.581389	-0.65875
ENSG0000164285	RHBDL1	rhomboide	ENSG0000164285	15.74278	-0.94459	1.434025	-0.6587
ENSG00001100033428	SNORD116	small nucleolar	ENSG00001100033428	4.876044	-1.70124	2.582842	-0.65867
ENSG00001140699	MROH8	maestro h	ENSG00001140699	4.876044	-1.70124	2.582842	-0.65867
ENSG0000123233	EXOC6B	exocyst complex	ENSG0000123233	247.309	-0.39158	0.594558	-0.6586

ENSG0000026528	DAZAP1	DAZ associ	ENSG0000025.04688	-0.56687	0.860794	-0.65854
ENSG00000271533			ENSG0000025.65665	-0.76186	1.156927	-0.65852
ENSG0000028519	IFITM1	interferon	ENSG0000054.26058	-0.57581	0.874858	-0.65817
ENSG000002801	CALM1	calmodulin	ENSG00000456.7012	-0.39059	0.593497	-0.65812
ENSG00000255629	PNRC2	proline rich	ENSG0000072.08881	0.502313	0.763332	0.658052
ENSG0000028666	EIF3G	eukaryotic	ENSG0000060.39422	0.53152	0.807774	0.658005
ENSG00000210181	RBM5	RNA binding	ENSG0000079.59629	-0.50106	0.761565	-0.65793
ENSG00000264114	TMBIM1	transmembr	ENSG00000144.4196	0.417886	0.635211	0.657869
ENSG00000226025	PCDHGA12	protocadher	ENSG0000018.3435	-0.89323	1.35791	-0.6578
ENSG00000210240	MRPS31	mitochondri	ENSG0000015.82073	-0.94927	1.443145	-0.65778
ENSG00000284791	LINC00467	long interg	ENSG0000010.10795	1.081822	1.644729	0.657751
ENSG00000257571	CARNS1	carnosine s	ENSG0000010.10795	1.081822	1.644729	0.657751
ENSG00000265018	PINK1	PTEN induc	ENSG0000070.80126	-0.52997	0.806293	-0.65729
ENSG000002219855	SLC37A2	solute carr	ENSG0000012.64968	2.741377	4.171532	0.657163
ENSG00000211325	DDX42	DEAD-box	ENSG00000113.8704	-0.44888	0.68309	-0.65713
ENSG0000023177	SLC29A2	solute carr	ENSG0000018.31459	-0.88432	1.345966	-0.65702
ENSG00000280023	NRSN2	neurensin	ENSG0000018.31459	-0.88432	1.345966	-0.65702
ENSG0000021593	CYP27A1	cytochrom	ENSG0000018.66156	-0.91546	1.393587	-0.65691
ENSG00000229104	N6AMT1	N-6 adenin	ENSG0000027.46745	0.708278	1.078371	0.656804
ENSG00000251647	CIAO2B	cytosolic in	ENSG0000029.04742	0.69781	1.062718	0.656628
ENSG0000026533	SLC6A6	solute carr	ENSG00000150.5238	1.179539	1.796948	0.656412
ENSG0000027690	ZNF131	zinc finger	ENSG0000018.23665	-0.88021	1.340984	-0.65639
ENSG00000266005	CHID1	chitinase d	ENSG0000017.75132	0.85586	1.304053	0.656307
ENSG00000255342	STRBP	spermatid	ENSG0000025.6114	-0.75655	1.152818	-0.65626
ENSG00000283930	STARD3NL	STARD3 N-	ENSG0000025.82588	0.725602	1.106105	0.655998
ENSG000002117583	PARD3B	par-3 famil	ENSG0000030.71226	-0.72495	1.105424	-0.65582
ENSG00000227335	EIF3K	eukaryotic	ENSG00000178.3834	0.397176	0.605758	0.655667
ENSG0000020231691			ENSG0000018.86677	-2.97396	4.53722	-0.65546
ENSG000002400945	LINC01376	long interg	ENSG0000018.86677	-2.97396	4.53722	-0.65546
ENSG0000020265912			ENSG0000018.86677	-2.97396	4.53722	-0.65546
ENSG0000021825	DSC3	desmocolli	ENSG0000018.86677	-2.97396	4.53722	-0.65546
ENSG00000210490	VTI1B	vesicle trar	ENSG0000046.99648	0.582816	0.889254	0.655399
ENSG00000210245	TIMM17B	translocase	ENSG0000024.22329	0.743572	1.135796	0.654671
ENSG0000026671	SP4	Sp4 transcr	ENSG0000023.35385	-0.8085	1.235057	-0.65462
ENSG000002114791	TUBGCP5	tubulin gar	ENSG0000028.12161	-0.73248	1.119686	-0.65418
ENSG0000022531	KDSR	3-ketodihy	ENSG0000047.44649	-0.61525	0.940527	-0.65415
ENSG00000257122	NUP107	nucleopori	ENSG0000025.57242	-0.75501	1.154663	-0.65388
ENSG0000027181	NR2C1	nuclear rec	ENSG0000025.57242	-0.75501	1.154663	-0.65388
ENSG0000022898	GRIK2	glutamate	ENSG0000010.68717	-1.15848	1.77233	-0.65365
ENSG000002100500878	MIR3679	microRNA	ENSG0000018.83118	-2.96912	4.543694	-0.65346
ENSG000002285596	FAM153A	family with	ENSG0000018.83118	-2.96912	4.543694	-0.65346
ENSG000002102724933	LINC02412	long interg	ENSG0000018.83118	-2.96912	4.543694	-0.65346
ENSG0000028482	SEMA7A	semaphori	ENSG0000018.83118	-2.96912	4.543694	-0.65346
ENSG00000210382	TUBB4A	tubulin bet	ENSG0000018.83118	-2.96912	4.543694	-0.65346
ENSG000002106144593	NOP53-AS1	NOP53 ant	ENSG0000018.83118	-2.96912	4.543694	-0.65346
ENSG0000020235111			ENSG0000018.83118	-2.96912	4.543694	-0.65346
ENSG000002107987373	LOC107987395	ribosom	ENSG0000018.83118	-2.96912	4.543694	-0.65346

ENSG00000157050	UTP3	UTP3, small	ENSG00000157050	18.253	-0.87854	1.344543	-0.65341
ENSG00000154954	FAM120C	family with	ENSG00000154954	18.253	-0.87854	1.344543	-0.65341
ENSG0000019351	SLC9A3R2	SLC9A3 reg	ENSG0000019351	52.24067	-0.59177	0.905853	-0.65327
ENSG0000016444	SGCD	sarcoglyca	ENSG0000016444	288.7582	0.363818	0.556925	0.653263
ENSG000001128866	CHMP4B	charged m	ENSG000001128866	54.01798	-0.56405	0.863505	-0.65321
ENSG0000017923	HSD17B8	hydroxyste	ENSG0000017923	4.915017	-1.708	2.615638	-0.653
ENSG00000123161	SNX13	sorting nex	ENSG00000123161	125.9827	-0.44983	0.689231	-0.65265
ENSG0000015610	EIF2AK2	eukaryotic	ENSG0000015610	110.8316	0.442725	0.678437	0.652566
ENSG0000016591	SNAI2	snail family	ENSG0000016591	10.59288	-1.15429	1.769933	-0.65216
ENSG000001101928036	HRAT17	heart tissu	ENSG000001101928036	16.27193	0.876341	1.344508	0.651793
ENSG0000012050	EPHB4	EPH recept	ENSG0000012050	25.75094	-0.76395	1.172109	-0.65178
ENSG0000019649	RALGPS1	Ral GEF wit	ENSG0000019649	25.75094	-0.76395	1.172109	-0.65178
ENSG0000016309	SC5D	sterol-C5-d	ENSG0000016309	30.71788	0.674652	1.035155	0.65174
ENSG00000157679	ALS2	ALS2, alsin	ENSG00000157679	93.19557	-0.47157	0.723643	-0.65166
ENSG0000016478	SIAH2	siah E3 ubi	ENSG0000016478	29.15426	0.685462	1.052063	0.651541
ENSG00000129099	COMMD9	COMM dor	ENSG00000129099	27.52905	0.702917	1.079012	0.651445
ENSG0000016990	DYNLT3	dynein ligh	ENSG0000016990	27.52905	0.702917	1.079012	0.651445
ENSG00000191949	COG7	componen	ENSG00000191949	10.48603	-1.13241	1.738391	-0.65141
ENSG000001187762			ENSG000001187762	4.050817	1.816399	2.789299	0.651203
ENSG000001145482	PTGR2	prostaglan	ENSG000001145482	13.10309	-1.01535	1.559331	-0.65115
ENSG00000155229	PANK4	pantotheni	ENSG00000155229	20.64629	-0.82397	1.265694	-0.651
ENSG00000164072	CDH23	cadherin re	ENSG00000164072	14.7699	0.909462	1.397459	0.650797
ENSG00000154858	PGPEP1	pyroglutan	ENSG00000154858	74.92283	-0.5094	0.783031	-0.65055
ENSG000001441951	ZFAS1	ZNF1 anti	ENSG000001441951	8.466382	1.202817	1.84906	0.650502
ENSG0000014306	NR3C2	nuclear rec	ENSG0000014306	49.36086	-0.58272	0.895929	-0.6504
ENSG0000017791	ZYX	zyxin	ENSG0000017791	58.8922	0.530463	0.815603	0.650394
ENSG000001267023			ENSG000001267023	15.69753	-0.93598	1.439665	-0.65013
ENSG0000013312	HSPA8	heat shock	ENSG0000013312	1006.258	0.34715	0.534014	0.650076
ENSG0000019512	PMPCB	peptidase,	ENSG0000019512	52.16757	0.556663	0.856556	0.649886
ENSG000001217165			ENSG000001217165	5.653409	1.42073	2.186865	0.649665
ENSG0000012444	FRK	fyn related	ENSG0000012444	49.58463	-0.59052	0.908987	-0.64965
ENSG00000193183	PIGM	phosphatic	ENSG00000193183	7.762123	-1.312	2.020611	-0.64931
ENSG00000154949	SDHAF2	succinate c	ENSG00000154949	7.762123	-1.312	2.020611	-0.64931
ENSG00000184138	SLC7A6OS	solute carr	ENSG00000184138	7.762123	-1.312	2.020611	-0.64931
ENSG00000155915	LANCL2	LanC like 2	ENSG00000155915	10.50866	-1.13865	1.753688	-0.64929
ENSG000001222256	CDHR3	cadherin re	ENSG000001222256	22.4716	-0.97182	1.496942	-0.6492
ENSG00000151621	KLF13	Kruppel lik	ENSG00000151621	140.9554	0.422436	0.65088	0.649023
ENSG0000016159	RPL29	ribosomal	ENSG0000016159	125.5264	0.435875	0.671822	0.648796
ENSG00000179637	ARMC7	armadillo r	ENSG00000179637	7.149154	1.273134	1.962445	0.648749
ENSG00000127063	ANKRD1	ankyrin re	ENSG00000127063	2336.129	1.16911	1.803171	0.648363
ENSG000001279384			ENSG000001279384	4.814447	-1.68162	2.594444	-0.64816
ENSG000001100874188	LINC00571	long interg	ENSG000001100874188	4.814447	-1.68162	2.594444	-0.64816
ENSG000001379	ARL4D	ADP ribosy	ENSG000001379	4.814447	-1.68162	2.594444	-0.64816
ENSG000001249116			ENSG000001249116	5.715007	1.388991	2.143234	0.648082
ENSG00000181931	ZNF93	zinc finger	ENSG00000181931	5.715007	1.388991	2.143234	0.648082
ENSG00000154472	TOLLIP	toll interac	ENSG00000154472	25.4882	-0.74812	1.154391	-0.64807
ENSG0000013965	LGALS9	galectin 9	ENSG0000013965	13.22891	0.952767	1.470273	0.648021

ENSG0000I	ENSG0000I	11034	DSTN	destrin, act	ENSG0000I	287.4246	0.361133	0.557318	0.647985
ENSG0000I	ENSG0000I	10079	ATP9A	ATPase ph	ENSG0000I	84.25093	-0.491	0.757757	-0.64796
ENSG0000I	ENSG0000I	6872	TAF1	TATA-box t	ENSG0000I	90.75951	-0.47365	0.731307	-0.64767
ENSG0000I	ENSG0000I	55204	GOLPH3L	golgi phos	ENSG0000I	20.62367	-0.82066	1.267172	-0.64763
ENSG0000I	ENSG0000I	159090	FAM122B	family with	ENSG0000I	20.72424	-0.82771	1.278171	-0.64757
ENSG0000I	ENSG00000235535				ENSG0000I	189.8473	-0.40848	0.630901	-0.64746
ENSG0000I	ENSG0000I	100873932	DPYD-AS1	DPYD antis	ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG0000I	5016	OVGP1	oviductal g	ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG00000260766				ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG0000I	89866	SEC16B	SEC16 hom	ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG00000226876				ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG00000229816				ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG0000I	618	BCYRN1	brain cyto	ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG00000273302				ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG00000279512				ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG0000I	91149	RAPGEF4- l	RAPGEF4 a	ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG0000I	23671	TMEFF2	transmeml	ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG0000I	100009676	ZBTB11-AS	ZBTB11 an	ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG00000243415				ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG0000I	202374	STK32A	serine/thre	ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG0000I	170679	PSORS1C1	psoriasis st	ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG0000I	100874353	RPS6KA2- l	RPS6KA2 ir	ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG0000I	27342	RABGEF1	RAB guanir	ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG0000I	10603	SH2B2	SH2B adap	ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG0000I	168433	RNF133	ring finger	ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG0000I	79870	BAALC	BAALC, MA	ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG0000I	105375724	LOC105375	uncharacte	ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG0000I	84904	ARHGEF39	Rho guanir	ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG00000246851				ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG00000235279				ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG0000I	118881	COMTD1	catechol-O	ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG0000I	143630	UBQLNL	ubiquilin lil	ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG0000I	387856	CCDC184	coiled-coil	ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG0000I	196385	DNAH10	dynein axo	ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG0000I	51016	EMC9	ER membr	ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG00000280188				ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG00000273729				ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG00000261659				ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG0000I	283887	LINC02175	long interg	ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG0000I	2300	FOXL1	forkhead b	ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG00000276337				ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG0000I	284023	RNF227	ring finger	ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG00000266371				ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG00000273576				ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG00000279880				ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG00000277476				ENSG0000I	1.636726	-2.77572	4.287291	-0.64743
ENSG0000I	ENSG00000267731				ENSG0000I	1.636726	-2.77572	4.287291	-0.64743

ENSG000002232	FDXR	ferredoxin	ENSG000001636726	-2.77572	4.287291	-0.64743
ENSG00000279744			ENSG000001636726	-2.77572	4.287291	-0.64743
ENSG00000267317			ENSG000001636726	-2.77572	4.287291	-0.64743
ENSG00000280061			ENSG000001636726	-2.77572	4.287291	-0.64743
ENSG00000199746	U2AF1L4	U2 small n	ENSG000001636726	-2.77572	4.287291	-0.64743
ENSG0000057469	PNMA8B	PNMA fam	ENSG000001636726	-2.77572	4.287291	-0.64743
ENSG00000278999			ENSG000001636726	-2.77572	4.287291	-0.64743
ENSG0000051807	TUBA8	tubulin alp	ENSG000001636726	-2.77572	4.287291	-0.64743
ENSG00000257240	KLHL34	kelch like f	ENSG000001636726	-2.77572	4.287291	-0.64743
ENSG0000055613	MTMR8	myotubula	ENSG000001636726	-2.77572	4.287291	-0.64743
ENSG000008723	SNX4	sorting nex	ENSG000002412272	0.751467	1.160744	0.647401
ENSG0000023321	TRIM2	tripartite n	ENSG000004211559	-0.6098	0.941948	-0.64738
ENSG000002760	GM2A	GM2 gangl	ENSG000008173954	0.492305	0.760522	0.647325
ENSG0000083862	TMEM120	transmeml	ENSG000003274603	-0.68014	1.050845	-0.64723
ENSG00000641700	ECSCR	endothelia	ENSG000004853419	-1.6883	2.609915	-0.64688
ENSG0000026268	FBXO9	F-box prot	ENSG000003037092	0.700465	1.083107	0.646718
ENSG0000065250	CPLANE1	ciliogenesi	ENSG000007456331	-0.49903	0.771929	-0.64647
ENSG0000090139	TSPAN18	tetraspanir	ENSG000009921791	-0.49216	0.761439	-0.64635
ENSG0000081545	FBXO38	F-box prot	ENSG000006720309	0.507684	0.785517	0.646306
ENSG0000022796	COG2	componen	ENSG000002793682	-0.72084	1.115492	-0.6462
ENSG00000257397	TAB3	TGF-beta a	ENSG000004394718	0.588144	0.910165	0.646195
ENSG0000084925	DIRC2	disrupted i	ENSG000002269864	0.760744	1.177329	0.646161
ENSG0000010944	C11orf58	chromosor	ENSG000001023157	0.452115	0.69978	0.646082
ENSG000007768	ZNF225	zinc finger	ENSG000008651176	1.143866	1.771189	0.645818
ENSG0000055164	SHQ1	SHQ1, H/A	ENSG000001563593	-0.9293	1.438949	-0.64582
ENSG00000475	ATOX1	antioxidan	ENSG000001168791	1.007577	1.560377	0.645726
ENSG00000401491	VLDLR-AS1	VLDLR anti	ENSG000001168791	1.007577	1.560377	0.645726
ENSG00000240207			ENSG000004837072	-1.69447	2.62481	-0.64556
ENSG0000089845	ABCC10	ATP bindin	ENSG00000181298	-0.86692	1.343341	-0.64535
ENSG0000084064	HDHD2	haloacid d	ENSG00000181298	-0.86692	1.343341	-0.64535
ENSG000005099	PCDH7	protocadh	ENSG000001002032	-0.46701	0.723674	-0.64533
ENSG0000027044	SND1	staphyloco	ENSG000001330845	0.416745	0.646094	0.645022
ENSG0000027309	ZNF330	zinc finger	ENSG000009759598	0.452344	0.701683	0.644656
ENSG0000051132	RLIM	ring finger	ENSG000001111458	0.435441	0.675513	0.644608
ENSG0000022826	DNAJC8	DnaJ heat	ENSG00000688283	0.505067	0.783526	0.644607
ENSG00000137872	ADHFE1	alcohol del	ENSG000003266181	-0.67475	1.046823	-0.64457
ENSG00000221491	SMIM29	small integ	ENSG000004358806	1.576394	2.445701	0.644557
ENSG00000100505854	APTR	Alu-mediat	ENSG000004358806	1.576394	2.445701	0.644557
ENSG00000283970	PDXDC2P-I	nuclear po	ENSG000004921295	-1.72591	2.677787	-0.64453
ENSG0000055863	TMEM126	transmeml	ENSG000002591011	0.715724	1.110994	0.644219
ENSG0000027095	TRAPPC3	trafficking	ENSG000003265553	-0.67187	1.043076	-0.64412
ENSG000007251	TSG101	tumor susc	ENSG000004405403	0.580474	0.901211	0.644105
ENSG0000022818	COPZ1	coatomer	ENSG000005882433	0.535071	0.830739	0.644091
ENSG0000079648	MCPH1	microceph	ENSG000003500986	-0.65429	1.016094	-0.64392
ENSG000009736	USP34	ubiquitin s	ENSG000002433707	-0.38016	0.590389	-0.64391
ENSG0000023097	CDK19	cyclin depe	ENSG00000275743	0.695122	1.079716	0.6438
ENSG00000375341	C3orf62	chromosor	ENSG000001014692	1.079205	1.67639	0.643767

ENSG0000I	ENSG0000I	10920	COPS8	COP9 signa	ENSG0000I	55.66439	0.53679	0.833952	0.64367
ENSG0000I	ENSG0000I	10396	ATP8A1	ATPase ph	ENSG0000I	77.1983	0.491222	0.763159	0.643669
ENSG0000I	ENSG0000I	6612	SUMO3	small ubiq	ENSG0000I	57.33486	0.529509	0.82268	0.643639
ENSG0000I	ENSG0000I	147687	ZNF417	zinc finger	ENSG0000I	22.58173	0.765853	1.189901	0.643628
ENSG0000I	ENSG0000I	9728	SECISBP2L	SECIS bindi	ENSG0000I	140.556	-0.4151	0.645178	-0.6434
ENSG0000I	ENSG0000I	23143	LRCH1	leucine ric	ENSG0000I	49.08178	-0.57447	0.893424	-0.64299
ENSG0000I	ENSG0000I	132321	C4orf33	chromosor	ENSG0000I	8.690148	1.141395	1.77549	0.642862
ENSG0000I	ENSG0000I	3141	HLCS	holocarbox	ENSG0000I	19.57768	0.797771	1.241136	0.642775
ENSG0000I	ENSG0000I	51422	PRKAG2	protein kin	ENSG0000I	77.36674	0.485337	0.755235	0.642631
ENSG0000I	ENSG0000I	29071	C1GALT1C	C1GALT1 s	ENSG0000I	22.78287	0.749315	1.166303	0.64247
ENSG0000I	ENSG0000I	65251	ZNF649	zinc finger	ENSG0000I	7.745775	-1.31595	2.048562	-0.64238
ENSG0000I	ENSG0000I	0218283			ENSG0000I	7.700525	-1.29916	2.022828	-0.64225
ENSG0000I	ENSG0000I	401024	FSIP2	fibrous she	ENSG0000I	7.700525	-1.29916	2.022828	-0.64225
ENSG0000I	ENSG0000I	51669	SARAF	store-oper	ENSG0000I	169.6452	0.406195	0.632459	0.642247
ENSG0000I	ENSG0000I	79699	ZYG11B	zyg-11 fam	ENSG0000I	169.962	-0.42312	0.659297	-0.64177
ENSG0000I	ENSG0000I	7057	THBS1	thrombosp	ENSG0000I	337.2543	-0.45243	0.705048	-0.6417
ENSG0000I	ENSG0000I	23417	MLYCD	malonyl-Cc	ENSG0000I	111.9284	-0.45519	0.709621	-0.64146
ENSG0000I	ENSG0000I	7515	XRCC1	X-ray repai	ENSG0000I	10.40181	-1.11629	1.740374	-0.64141
ENSG0000I	ENSG0000I	9712	USP6NL	USP6 N-ter	ENSG0000I	18.16877	-0.86905	1.355169	-0.64128
ENSG0000I	ENSG0000I	64780	MICAL1	microtubul	ENSG0000I	17.99771	0.821855	1.281856	0.641144
ENSG0000I	ENSG0000I	2115	ETV1	ETS variant	ENSG0000I	47.35979	0.567563	0.885568	0.640903
ENSG0000I	ENSG0000I	84725	PLEKHA8	pleckstrin	ENSG0000I	18.0682	-0.86109	1.343574	-0.64089
ENSG0000I	ENSG0000I	157506	RDH10	retinol deh	ENSG0000I	18.0682	-0.86109	1.343574	-0.64089
ENSG0000I	ENSG0000I	79884	MAP9	microtubul	ENSG0000I	13.01887	-1.00227	1.564054	-0.64082
ENSG0000I	ENSG0000I	123920	CMTM3	CKLF like	ENSG0000I	10.13057	1.068392	1.66738	0.640761
ENSG0000I	ENSG0000I	7629	ZNF76	zinc finger	ENSG0000I	32.55496	-0.66724	1.042123	-0.64027
ENSG0000I	ENSG0000I	84892	POMGNT2	protein O-l	ENSG0000I	15.67491	-0.93174	1.45522	-0.64027
ENSG0000I	ENSG0000I	100113386	UCKL1-AS1	UCKL1 anti	ENSG0000I	7.801096	-1.31661	2.056589	-0.64019
ENSG0000I	ENSG0000I	59274	TLNRD1	talin rod d	ENSG0000I	13.11944	-1.01304	1.582568	-0.64012
ENSG0000I	ENSG0000I	2773	GNAI3	G protein s	ENSG0000I	78.47276	0.495879	0.774862	0.639958
ENSG0000I	ENSG0000I	977	CD151	CD151 mol	ENSG0000I	94.19972	0.458101	0.715997	0.639808
ENSG0000I	ENSG0000I	715	C1R	compleme	ENSG0000I	238.0421	-0.93426	1.460747	-0.63958
ENSG0000I	ENSG0000I	3858	KRT10	keratin 10	ENSG0000I	8.712773	1.12493	1.759028	0.639518
ENSG0000I	ENSG0000I	00279722			ENSG0000I	4.791821	-1.6684	2.608854	-0.63952
ENSG0000I	ENSG0000I	5739	PTGIR	prostaglan	ENSG0000I	4.791821	-1.6684	2.608854	-0.63952
ENSG0000I	ENSG0000I	23191	CYFIP1	cytoplasm	ENSG0000I	83.71538	-0.48133	0.75266	-0.6395
ENSG0000I	ENSG0000I	51006	SLC35C2	solute carr	ENSG0000I	15.53536	-0.92025	1.439856	-0.63913
ENSG0000I	ENSG0000I	4703	NEB	nebulin	ENSG0000I	22.97171	-0.77268	1.208966	-0.63912
ENSG0000I	ENSG0000I	3399	ID3	inhibitor o	ENSG0000I	25.36501	-0.73965	1.157364	-0.63908
ENSG0000I	ENSG0000I	1528	CYB5A	cytochrom	ENSG0000I	32.5279	0.646994	1.012611	0.638936
ENSG0000I	ENSG0000I	6721	SREBF2	sterol regu	ENSG0000I	126.341	-0.45203	0.707635	-0.63878
ENSG0000I	ENSG0000I	83743	GRWD1	glutamate	ENSG0000I	13.08675	-1.01754	1.593203	-0.63868
ENSG0000I	ENSG0000I	4650	MYO9B	myosin IXB	ENSG0000I	80.62973	0.478909	0.749998	0.638547
ENSG0000I	ENSG0000I	5413	SEPT5	septin 5	ENSG0000I	67.52742	0.497672	0.78014	0.637927
ENSG0000I	ENSG0000I	2033	EP300	E1A bindin	ENSG0000I	191.113	-0.39683	0.622126	-0.63786
ENSG0000I	ENSG0000I	51534	VTA1	vesicle traf	ENSG0000I	40.82622	0.593099	0.929924	0.637792
ENSG0000I	ENSG0000I	56957	OTUD7B	OTU deubi	ENSG0000I	86.10867	-0.48006	0.752699	-0.63779

ENSG00000179005	SCNM1	sodium ch	ENSG00000110192	10.19217	1.052481	1.651132	0.63743
ENSG00000125771	TBC1D22A	TBC1 dom	ENSG00000122766	22.76652	0.746065	1.170613	0.637328
ENSG0000016886	TAL1	TAL bHLH t	ENSG00000121073	21.07343	0.789287	1.238487	0.637299
ENSG000001143888	KDEL2	KDEL motif	ENSG00000132622	32.62284	-0.67342	1.0572	-0.63699
ENSG0000012271	FH	fumarate h	ENSG00000113671	136.7146	0.41091	0.645119	0.636951
ENSG0000012553	GABPB1	GA binding	ENSG00000127697	27.69749	0.684517	1.07468	0.636949
ENSG0000018050	PDHX	pyruvate d	ENSG00000111356	113.5641	0.454676	0.713937	0.636857
ENSG000001622	BDH1	3-hydroxy	ENSG00000149254	49.25402	-0.57781	0.907453	-0.63674
ENSG0000010276517			ENSG00000147528	4.752849	-1.66171	2.610008	-0.63667
ENSG0000013656	IRAK2	interleukin	ENSG00000147528	4.752849	-1.66171	2.610008	-0.63667
ENSG000001284129	SLC26A11	solute carr	ENSG00000147528	4.752849	-1.66171	2.610008	-0.63667
ENSG00000192305	TMEM129	transmeml	ENSG00000130122	30.12269	-0.68463	1.075481	-0.63658
ENSG00000180727	TTYH3	tweety far	ENSG00000111548	11.54837	1.02663	1.612855	0.63653
ENSG00000155799	CACNA2D3	calcium vo	ENSG00000132571	32.57131	-0.66643	1.047151	-0.63642
ENSG000001128077	LIX1L	limb and C	ENSG00000141986	41.98611	-0.60235	0.946506	-0.63639
ENSG000001260293	CYP4X1	cytochrom	ENSG00000176615	7.661552	-1.29479	2.034979	-0.63627
ENSG0000015192	PEX10	peroxisom	ENSG00000177394	7.739498	-1.30368	2.049146	-0.6362
ENSG00000110165	SLC25A13	solute carr	ENSG00000115512	15.51274	-0.91586	1.439594	-0.63619
ENSG0000019475	ROCK2	Rho associ	ENSG00000117418	174.1852	-0.39102	0.614825	-0.63599
ENSG00000129928	TIMM22	translocas	ENSG00000122867	22.86709	0.737932	1.160326	0.63597
ENSG0000016500	SKP1	S-phase kir	ENSG00000111646	116.469	0.425559	0.669273	0.635853
ENSG0000013945	LDHB	lactate deh	ENSG00000191616	916.167	0.320632	0.504303	0.635792
ENSG000001274	BIN1	bridging in	ENSG00000118059	18.05931	0.813492	1.279644	0.635717
ENSG00000155845	BRK1	BRICK1, SC	ENSG00000160870	60.87066	0.512071	0.805849	0.635443
ENSG0000018496	PPFIBP1	PPFIA bind	ENSG00000152532	525.3222	-0.3308	0.520658	-0.63535
ENSG00000178986	DUSP26	dual specif	ENSG00000145841	45.84142	0.566482	0.891691	0.63529
ENSG000001103611081	LOC103611	uncharacte	ENSG00000112957	12.95727	-0.99432	1.565418	-0.63518
ENSG000001116150	NUS1	NUS1, deh	ENSG00000120461	20.4615	-0.80844	1.27336	-0.63489
ENSG00000183943	IMMP2L	inner mito	ENSG00000110362	10.36284	-1.11293	1.753461	-0.63471
ENSG00000123071	ERP44	endoplasm	ENSG00000139246	39.24625	0.596417	0.939764	0.634645
ENSG00000155971	BAIAP2L1	BAI1 assoc	ENSG00000176389	7.638927	-1.28621	2.026952	-0.63456
ENSG000001112849	L3HYPDH	trans-L-3-h	ENSG00000176389	7.638927	-1.28621	2.026952	-0.63456
ENSG0000017248	TSC1	TSC compl	ENSG00000112905	129.0521	-0.4221	0.665578	-0.63419
ENSG00000110612	TRIM3	tripartite n	ENSG00000110379	10.37918	-1.10985	1.750341	-0.63408
ENSG0000012000	ELF4	E74 like ET	ENSG00000114915	14.91572	0.880378	1.388527	0.634037
ENSG00000157673	BEND3	BEN domai	ENSG00000143814	4.381432	1.533593	2.421104	0.633427
ENSG000001100132707	PAXIP1-AS	PAXIP1 ant	ENSG00000143814	4.381432	1.533593	2.421104	0.633427
ENSG000001102724826	ZNF337-AS	ZNF337 an	ENSG00000143814	4.381432	1.533593	2.421104	0.633427
ENSG00000110179	RBM7	RNA bindir	ENSG00000114893	14.8931	0.88856	1.403475	0.633114
ENSG0000013006	HIST1H1C	histone clu	ENSG00000111083	110.8339	0.480146	0.758433	0.633076
ENSG000001143098	MPP7	membrane	ENSG00000126027	26.02702	0.711068	1.123304	0.633015
ENSG000001253782	CERS6	ceramide s	ENSG00000111994	119.9432	0.420791	0.664772	0.632985
ENSG00000154732	TMED9	transmeml	ENSG00000125319	25.31976	-0.73424	1.160016	-0.63296
ENSG00000154963	UCKL1	uridine-cyt	ENSG00000125319	25.31976	-0.73424	1.160016	-0.63296
ENSG0000011293	COL6A3	collagen ty	ENSG00000152198	521.9854	-0.36279	0.573226	-0.63289
ENSG000001121512	FGD4	FYVE, Rho	ENSG00000113211	132.1192	-0.43301	0.684248	-0.63283
ENSG0000019693	RAPGEF2	Rap guanir	ENSG00000116576	165.766	-0.40219	0.635581	-0.63279

ENSG00000151652	CHMP3	charged m	ENSG00000170.98528	0.485726	0.767654	0.63274
ENSG00000183478	ARHGAP24	Rho GTPas	ENSG00000132.64546	-0.6754	1.067845	-0.63249
ENSG00000157291	DANCR	differentia	ENSG00000135.97947	0.613381	0.97039	0.632098
ENSG000001114881	OSBPL7	oxysterol b	ENSG0000014.319834	1.577349	2.495923	0.63197
ENSG00000110266	RAMP2	receptor ac	ENSG00000118.20775	-0.87134	1.378779	-0.63196
ENSG0000019903	KLHL21	kelch like f	ENSG000001101.518	-0.44353	0.702128	-0.6317
ENSG00000163939	FAM217B	family with	ENSG00000142.55201	0.580903	0.919818	0.631542
ENSG000001221442	ADCY10P1	adenylate c	ENSG0000018.774371	1.106246	1.751974	0.631428
ENSG0000018800	PEX11A	peroxisom	ENSG0000018.774371	1.106246	1.751974	0.631428
ENSG000001145407	ARMH4	armadillo-l	ENSG00000116.02187	-0.96825	1.534127	-0.63114
ENSG000001158880	USP51	ubiquitin s	ENSG0000015.838203	1.328037	2.104377	0.631083
ENSG00000129092	LINC00339	long interg	ENSG0000014.730223	-1.64829	2.611896	-0.63107
ENSG000001100131998	RRN3P3	RRN3 hom	ENSG0000014.730223	-1.64829	2.611896	-0.63107
ENSG000001101927547	ANKRD44-I	ANKRD44 i	ENSG0000013.047856	1.812034	2.871514	0.631038
ENSG0000014521	NUDT1	nudix hydr	ENSG0000013.047856	1.812034	2.871514	0.631038
ENSG00000100205740			ENSG0000013.047856	1.812034	2.871514	0.631038
ENSG000001399715	LOC399715	uncharacte	ENSG0000013.047856	1.812034	2.871514	0.631038
ENSG000001727708	SNORD116	small nucle	ENSG0000013.047856	1.812034	2.871514	0.631038
ENSG00000179001	VKORC1	vitamin K e	ENSG0000013.047856	1.812034	2.871514	0.631038
ENSG00000151003	MED31	mediator c	ENSG0000013.047856	1.812034	2.871514	0.631038
ENSG00000100280295			ENSG0000013.047856	1.812034	2.871514	0.631038
ENSG00000151136	RNFT1	ring finger	ENSG0000013.047856	1.812034	2.871514	0.631038
ENSG00000185001	MGC16275	uncharacte	ENSG0000013.047856	1.812034	2.871514	0.631038
ENSG000001284	ANGPT1	angiopoiet	ENSG00000116.41775	0.85041	1.347775	0.630973
ENSG0000015501	PPP1CC	protein ph	ENSG000001163.7791	0.39626	0.62803	0.630957
ENSG00000179652	TMEM204	transmeml	ENSG00000115.45114	-0.9091	1.440975	-0.63089
ENSG00000110328	EMC8	ER membr	ENSG00000115.45114	-0.9091	1.440975	-0.63089
ENSG0000016672	SP100	SP100 nucl	ENSG000001126.4956	0.417746	0.662193	0.630851
ENSG00000123315	SLC9A8	solute carr	ENSG00000126.1565	0.693132	1.098996	0.630695
ENSG0000018315	BRAP	BRCA1 ass	ENSG00000130.70154	0.672911	1.067329	0.630462
ENSG0000019329	GTF3C4	general tra	ENSG00000134.82506	-0.64483	1.022919	-0.63038
ENSG00000155967	NDUFA12	NADH:ubic	ENSG00000180.39721	0.490718	0.77856	0.630289
ENSG00000153343	NUDT9	nudix hydr	ENSG00000120.41625	-0.80174	1.27205	-0.63027
ENSG0000017528	YY1	YY1 transcr	ENSG00000192.40108	-0.45617	0.72406	-0.63002
ENSG0000019656	MDC1	mediator o	ENSG00000132.47702	-0.66465	1.055132	-0.62992
ENSG0000017008	TEF	TEF, PAR b	ENSG00000134.95833	-0.64779	1.028438	-0.62988
ENSG0000013995	FADS3	fatty acid d	ENSG00000130.12897	-0.68773	1.091969	-0.6298
ENSG00000180114	BICC1	BicC family	ENSG00000147.05428	-0.59964	0.952208	-0.62974
ENSG0000019776	ATG13	autophagy	ENSG00000155.71108	-0.53536	0.850144	-0.62973
ENSG0000014665	NAB2	NGFI-A bin	ENSG00000118.12091	0.805172	1.278671	0.629694
ENSG0000011277	COL1A1	collagen ty	ENSG00000153.99013	0.538784	0.855848	0.629532
ENSG00000180173	IFT74	intraflagell	ENSG00000121.21925	0.769832	1.222894	0.629516
ENSG0000019674	KIAA0040	KIAA0040	ENSG00000166.12021	-0.54629	0.868131	-0.62927
ENSG0000011939	EIF2D	eukaryotic	ENSG00000134.79616	-0.6402	1.017489	-0.6292
ENSG000001128061	C1orf131	chromosor	ENSG0000017.294975	1.204821	1.914882	0.629188
ENSG00000154976	C2orf27	chromosor	ENSG0000017.294975	1.204821	1.914882	0.629188
ENSG00000183642	SELENOO	selenoprot	ENSG0000017.294975	1.204821	1.914882	0.629188

ENSG00000154914	FOCAD	focadhesin	ENSG00000172.70479	0.482677	0.767659	0.628764
ENSG00000151341	ZBTB7A	zinc finger	ENSG00000125.21919	-0.7284	1.158624	-0.62868
ENSG0000016051	RNPEP	arginyl ami	ENSG00000117.52756	0.885373	1.408773	0.628471
ENSG00000125864	ABHD14A	abhydrolas	ENSG00000110.29274	1.034351	1.646082	0.628371
ENSG00000181691	REXO5	RNA exonu	ENSG0000017.210752	1.24853	1.98849	0.627878
ENSG0000011486	CTBS	chitobiase	ENSG00000118.08194	0.807043	1.2858	0.627658
ENSG0000018347	HIST1H2BC	histone clu	ENSG00000118.08194	0.807043	1.2858	0.627658
ENSG00000155769	ZNF83	zinc finger	ENSG00000132.34754	-0.65501	1.044152	-0.62731
ENSG00000151010	EXOSC3	exosome c	ENSG00000113.3521	0.929078	1.481196	0.627248
ENSG0000011894	ECT2	epithelial c	ENSG00000112.94093	-0.99667	1.589277	-0.62712
ENSG00000164781	CERK	ceramide k	ENSG000001128.9428	-0.41871	0.667763	-0.62703
ENSG00000154465	ETAA1	ETAA1, ATf	ENSG00000110.27861	-1.09664	1.749292	-0.62691
ENSG000001596	BCL2	BCL2, apop	ENSG00000139.29151	0.591376	0.943388	0.626864
ENSG0000015797	PTPRM	protein tyr	ENSG000001367.5437	-0.34204	0.546045	-0.62639
ENSG0000014489	MT1A	metallothio	ENSG0000015.212937	-1.82128	2.907682	-0.62637
ENSG000001254394	MCM9	minichrom	ENSG00000120.42252	-0.8065	1.28773	-0.6263
ENSG0000016522	SLC4A2	solute carr	ENSG00000120.42252	-0.8065	1.28773	-0.6263
ENSG00000193643	TJAP1	tight juncti	ENSG00000117.90603	-0.84726	1.352908	-0.62625
ENSG00000181556	INTS14	integrator	ENSG00000117.90603	-0.84726	1.352908	-0.62625
ENSG00000154868	TMEM104	transmembr	ENSG0000017.577329	-1.27316	2.033044	-0.62623
ENSG00000151755	CDK12	cyclin depe	ENSG00000176.26647	-0.4786	0.764388	-0.62612
ENSG0000017469	NELFA	negative el	ENSG00000110.31537	1.021303	1.631275	0.626077
ENSG00000110282	BET1	Bet1 golgi	ENSG00000110.31537	1.021303	1.631275	0.626077
ENSG0000017358	UGDH	UDP-gluco	ENSG00000120.35465	-0.7965	1.272259	-0.62605
ENSG00000123259	DDHD2	DDHD dom	ENSG00000169.40531	0.485298	0.775238	0.625999
ENSG00000179921	TCEAL4	transcripti	ENSG00000142.58091	0.575151	0.918843	0.625951
ENSG00000157226	LYRM2	LYR motif c	ENSG00000154.37607	0.523734	0.836733	0.625927
ENSG0000012475	MTOR	mechanisti	ENSG000001135.5557	-0.41087	0.656455	-0.62589
ENSG000001253769	WDR27	WD repeat	ENSG00000117.88341	-0.84345	1.347716	-0.62584
ENSG00000126093	CCDC9	coiled-coil	ENSG00000117.88341	-0.84345	1.347716	-0.62584
ENSG00000154960	GEMIN8	gem nucle	ENSG0000017.616302	-1.27758	2.041967	-0.62566
ENSG000001387707	CC2D2B	coiled-coil	ENSG0000014.443029	1.491656	2.384539	0.625553
ENSG000001125950	RAVER1	ribonucleo	ENSG0000014.443029	1.491656	2.384539	0.625553
ENSG000001113835	ZNF257	zinc finger	ENSG0000014.443029	1.491656	2.384539	0.625553
ENSG000001125893	ZNF816	zinc finger	ENSG0000014.443029	1.491656	2.384539	0.625553
ENSG00000127166	PRELID1	PRELI dom	ENSG0000017.256002	1.207382	1.930453	0.62544
ENSG00000155063	ZCWPW1	zinc finger	ENSG0000017.256002	1.207382	1.930453	0.62544
ENSG00000163891	RNF123	ring finger	ENSG00000130.01585	-0.67646	1.081886	-0.62526
ENSG0000016513	SLC2A1	solute carr	ENSG00000139.34683	0.591591	0.946351	0.625128
ENSG000001642	BLMH	bleomycin	ENSG00000118.02295	-0.85362	1.365906	-0.62495
ENSG00000123764	MAFF	MAF bZIP t	ENSG00000118.02295	-0.85362	1.365906	-0.62495
ENSG00000123467	NPTXR	neuronal p	ENSG00000130.17801	-0.68519	1.096482	-0.6249
ENSG000001113622	ADPRHL1	ADP-ribosy	ENSG000001429.4149	-0.34116	0.546074	-0.62475
ENSG0000013065	HDAC1	histone de	ENSG00000129.9379	-0.67373	1.078623	-0.62462
ENSG000001269967			ENSG0000011.575128	-2.7238	4.360782	-0.62461
ENSG000001200172	SLFNL1	schlafen lik	ENSG0000011.575128	-2.7238	4.360782	-0.62461
ENSG000001177452			ENSG0000011.575128	-2.7238	4.360782	-0.62461

ENSG000001645676	ASH1L-AS1	ASH1L anti	ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG00000157863	CADM3	cell adhesi	ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG00000110896	OCLM	oculomedi	ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG0000010227417			ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG000001101928185	NCKAP5-A	NCKAP5 ar	ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG000001132158	GLYCTK	glycerate k	ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG000001776	CACNA1D	calcium vo	ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG0000010241985			ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG000001654502	IQCJ	IQ motif cc	ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG000001285463	CTBP1-AS	CTBP1 anti	ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG0000012261	FGFR3	fibroblast g	ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG000001100506462	SRD5A3-AS	SRD5A3 an	ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG0000010249947			ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG0000010278925			ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG0000010229108			ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG0000010253649			ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG0000010272505			ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG0000010249258			ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG0000010254272			ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG0000010225017			ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG000001375686	SPATC1	spermatog	ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG0000010255396			ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG0000010230911			ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG0000013	A2MP1	alpha-2-m	ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG0000011272	CNTN1	contactin 1	ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG0000010270429			ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG0000010234925			ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG000001100507091	PITPNM2-1	PITPNM2 a	ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG0000010237672			ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG0000010258983			ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG0000010258581			ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG0000010241061			ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG00000180154	GOLGA2P1	GOLGA2 ps	ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG0000010239763			ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG000001102724009	LOC102724	uncharacte	ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG00000110400	PEMT	phosphatic	ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG0000010267708			ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG0000010266965			ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG0000010267838			ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG0000010241054			ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG00000123119	HIC2	HIC ZBTB ti	ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG000001100132163	PHKA2-AS1	PHKA2 ant	ENSG000001575128	-2.7238	4.360782	-0.62461
ENSG00000159277	NTN4	netrin 4	ENSG000001108.449	-0.4368	0.699362	-0.62458
ENSG0000011608	DGKG	diacylglyce	ENSG00000193.14144	0.443154	0.709607	0.624506
ENSG00000179065	ATG9A	autophagy	ENSG00000185.36701	-0.46118	0.738861	-0.62418
ENSG0000011152	CKB	creatine ki	ENSG00000174.00946	0.493364	0.790478	0.624134
ENSG00000126576	SRPK3	SRSF prote	ENSG00000116.54094	0.83196	1.33305	0.624103

ENSG00000151106	TFB1M	transcripti	ENSG0000014691251	-1.64149	2.630209	-0.62409
ENSG00000273599			ENSG0000014691251	-1.64149	2.630209	-0.62409
ENSG0000015830	PEX5	peroxisom	ENSG00000132.30857	-0.65373	1.047789	-0.62391
ENSG00000184617	TUBB6	tubulin bet	ENSG00000157.76605	0.512215	0.821013	0.623882
ENSG000001103	ADAR	adenosine	ENSG000001224.1049	0.362784	0.581709	0.623652
ENSG0000019255	AIMP1	aminoacyl	ENSG00000129.5075	0.653407	1.048455	0.62321
ENSG000001125058	TBC1D16	TBC1 doma	ENSG00000144.03245	-0.57977	0.930352	-0.62317
ENSG00000151542	VPS54	VPS54, GAI	ENSG00000139.33008	-0.60176	0.965974	-0.62296
ENSG00000154552	GNL3L	G protein r	ENSG00000134.63399	-0.63264	1.015594	-0.62293
ENSG0000015352	PLOD2	procollage	ENSG00000137.02101	-0.61733	0.991171	-0.62283
ENSG00000123132	RAD54L2	RAD54 like	ENSG00000157.8517	-0.52207	0.83824	-0.62282
ENSG00000180000	GREB1L	GREB1 like	ENSG00000122.76429	-0.75558	1.213301	-0.62275
ENSG00000180011	FAM192A	family with	ENSG00000162.73599	0.50198	0.80633	0.622549
ENSG00000110263	CDK2AP2	cyclin depe	ENSG00000123.01291	0.720226	1.157335	0.622314
ENSG00000181563	C1orf21	chromosom	ENSG000001117.963	-0.43744	0.703016	-0.62223
ENSG00000150865	HEBP1	heme bind	ENSG00000117.86078	-0.83961	1.349401	-0.62221
ENSG00000123318	TUT4	terminal ur	ENSG00000192.08681	-0.44909	0.722224	-0.62182
ENSG000001286101	ZNF252P	zinc finger	ENSG00000152.7345	0.526913	0.847478	0.621742
ENSG00000110505	SEMA4F	ssemaphor	ENSG0000014.668626	-1.62792	2.618815	-0.62162
ENSG00000233766			ENSG0000014.668626	-1.62792	2.618815	-0.62162
ENSG00000157537	SORCS2	sortilin rel	ENSG0000014.668626	-1.62792	2.618815	-0.62162
ENSG000001114991	ZNF618	zinc finger	ENSG0000014.668626	-1.62792	2.618815	-0.62162
ENSG00000277152			ENSG0000014.668626	-1.62792	2.618815	-0.62162
ENSG000001729852	UMAD1	UBAP1-MV	ENSG00000114.99995	0.86201	1.38795	0.621067
ENSG0000012802	GOLGA3	golgin A3	ENSG00000160.35564	-0.51974	0.837187	-0.62081
ENSG000001200205	IBA57	IBA57, iron	ENSG00000125.17393	-0.72296	1.164927	-0.6206
ENSG0000012542	SLC37A4	solute carr	ENSG0000017.3176	1.184362	1.908475	0.62058
ENSG00000123731	TMEM245	transmeml	ENSG000001355.6276	-0.35358	0.569838	-0.62049
ENSG0000013159	HMGA1	high mobil	ENSG00000127.83704	0.67627	1.090831	0.619958
ENSG00000184248	FYTTD1	forty-two-t	ENSG000001123.1358	0.422932	0.68254	0.619644
ENSG000001114826	SMYD4	SET and M	ENSG00000120.36093	-0.80125	1.293509	-0.61944
ENSG000001404672	GTF2H5	general tra	ENSG00000124.6771	0.696886	1.125069	0.619416
ENSG00000125999	CLIP3	CAP-Gly dc	ENSG0000017.554704	-1.2644	2.041335	-0.6194
ENSG00000151366	UBR5	ubiquitin p	ENSG000001213.8177	-0.36595	0.590859	-0.61935
ENSG00000123588	KLHDC2	kelch doma	ENSG00000152.7961	0.524221	0.846402	0.619352
ENSG00000180746	TSEN2	tRNA splici	ENSG00000115.32794	-0.89549	1.44593	-0.61932
ENSG000001196951	FAM227B	family with	ENSG00000111.89533	0.95628	1.544206	0.61927
ENSG00000122223	KIAA1324L	KIAA1324 l	ENSG00000115.35057	-0.89991	1.453732	-0.61904
ENSG0000011455	CSNK1G2	casein kina	ENSG00000113.45895	0.89896	1.452731	0.618807
ENSG00000110226	PLIN3	perilipin 3	ENSG00000113.45895	0.89896	1.452731	0.618807
ENSG0000012776	GNAQ	G protein s	ENSG00000171.27692	0.47531	0.768197	0.618735
ENSG000001122830	NAA30	N(alpha)-a	ENSG00000154.45401	0.521891	0.843738	0.618546
ENSG00000125825	BACE2	beta-secre	ENSG00000130.00578	-0.68043	1.1001	-0.61851
ENSG000001284184	NDUFAF8	NADH:ubic	ENSG00000110.37696	1.005972	1.626808	0.618372
ENSG00000184804	MFS9	major facil	ENSG0000015.899801	1.29841	2.101084	0.617971
ENSG00000110793	ZNF273	zinc finger	ENSG0000015.899801	1.29841	2.101084	0.617971
ENSG00000156986	DTWD1	DTW doma	ENSG00000122.68635	-0.75216	1.217401	-0.61784

ENSG0000025797	QPCT	glutaminyl	ENSG000005815578	1.355277	2.193821	0.61777
ENSG0000057577	CCDC191	coiled-coil	ENSG000005815578	1.355277	2.193821	0.61777
ENSG00000264853			ENSG000005815578	1.355277	2.193821	0.61777
ENSG0000010514	MYBBP1A	MYB bindir	ENSG0000022.66372	-0.74914	1.212833	-0.61768
ENSG0000011167	FSTL1	follicle-stimulating li	ENSG00000455.1946	-0.35339	0.572388	-0.6174
ENSG0000057611	ISLR2	immunoglobulin-like	ENSG000004.830794	-1.67625	2.715131	-0.61737
ENSG0000051111	KMT5B	lysine methyltransferase	ENSG0000055.46468	-0.52723	0.854056	-0.61732
ENSG0000051735	RAPGEF6	Rap guanine nucleotide exchange factor 6	ENSG000007.515731	-1.25998	2.041209	-0.61727
ENSG000008266	UBL4A	ubiquitin-like protein 4A	ENSG0000057.88924	0.507304	0.821998	0.61716
ENSG000003590	IL11RA	interleukin 11 receptor A	ENSG0000020.23145	-0.78598	1.274117	-0.61688
ENSG00000130497	OSR1	odd-skipped-like protein 1	ENSG000007.852624	-1.34339	2.17828	-0.61672
ENSG00000280138			ENSG0000020.2767	-0.79272	1.285554	-0.61663
ENSG000003958	LGALS3	galectin 3	ENSG00000113.7465	0.413942	0.671302	0.616625
ENSG0000090338	ZNF160	zinc finger protein 160	ENSG0000060.17084	-0.51406	0.833918	-0.61644
ENSG000007375	USP4	ubiquitin-specific protease 4	ENSG0000059.55971	0.501158	0.813132	0.61633
ENSG000008881	CDC16	cell division cycle 16	ENSG0000036.93679	-0.6125	0.99473	-0.61574
ENSG0000051338	MS4A4A	membrane-spanning domain 4A	ENSG0000021.57353	0.884922	1.437226	0.615716
ENSG000006678	SPARC	secreted phosphoprotein 1	ENSG00000545.3418	-0.36203	0.587997	-0.6157
ENSG0000025778	DSTYK	dual serine/threonine kinase	ENSG0000039.28483	-0.59832	0.972029	-0.61553
ENSG0000059339	PLEKHA2	pleckstrin homology domain 2	ENSG0000096.76774	0.43176	0.701452	0.615523
ENSG000003608	ILF2	interleukin 1 family, class 2, member 2	ENSG0000064.31217	0.497626	0.808561	0.615447
ENSG00000729082	OIP5-AS1	OIP5 antisense 1	ENSG00000251.925	0.351604	0.571709	0.615005
ENSG0000023597	ACOT9	acyl-CoA thioesterase 9	ENSG0000066.36229	0.48197	0.783755	0.61495
ENSG000004200	ME2	malic enzyme 2	ENSG0000078.13482	0.460863	0.749973	0.614506
ENSG0000064801	ARV1	ARV1 homolog	ENSG0000017.99144	0.832181	1.354542	0.614363
ENSG000005518	PPP2R1A	protein phosphatase 2 regulatory subunit 1A	ENSG00000199.0063	0.365122	0.594317	0.614355
ENSG00000273270			ENSG000007.356573	1.181709	1.92378	0.614264
ENSG0000080146	UXS1	UDP-glucuronosyltransferase 1	ENSG0000024.7387	0.690959	1.124857	0.614264
ENSG0000023215	PRRC2C	proline-rich protein 2C	ENSG00000283.8087	-0.35182	0.572848	-0.61415
ENSG00000124411	ZNF720	zinc finger protein 720	ENSG0000031.25592	0.630443	1.026584	0.614118
ENSG0000051530	ZC3HC1	zinc finger protein C3HC1	ENSG0000018.26673	0.782308	1.273961	0.614075
ENSG00000961	CD47	CD47 molecule	ENSG0000096.60936	0.437683	0.713022	0.613843
ENSG00000256158	HMCN2	hemicentrin 2	ENSG0000030.09379	-0.67938	1.106895	-0.61377
ENSG00000387680	WASHC2A	WASH complex component 2A	ENSG0000072.61429	0.487284	0.794108	0.613625
ENSG000008502	PKP4	plakophilin 4	ENSG0000096.73386	-0.44616	0.727117	-0.6136
ENSG000007107	GPR137B	G protein-coupled receptor 137B	ENSG0000042.8889	0.558416	0.910192	0.613515
ENSG00000445	ASS1	argininosuccinate lyase 1	ENSG0000064.43536	0.4932	0.804058	0.613388
ENSG0000084687	PPP1R9B	protein phosphatase 1 regulatory subunit 9B	ENSG0000031.03215	0.645902	1.05364	0.613019
ENSG000009684	LRRC14	leucine-rich repeat-containing protein 14	ENSG0000010.23336	-1.08356	1.767593	-0.61301
ENSG000004983	OPHN1	oligophrenin 1	ENSG0000022.68007	-0.74783	1.219991	-0.61298
ENSG0000051071	DERA	deoxyribosyltransferase	ENSG0000018.10456	0.800842	1.306645	0.612899
ENSG00000283417	DPY19L2	dpy-19 like 2	ENSG0000057.66063	-0.51469	0.839871	-0.61282
ENSG00000989	SEPT7	septin 7	ENSG00000178.6413	0.371977	0.607025	0.612787
ENSG00000114879	OSBPL5	oxysterol-binding protein-like 5	ENSG0000012.74986	-0.96485	1.574542	-0.61278
ENSG000006386	SDCBP	syndecan-binding protein	ENSG00000182.6899	-0.38039	0.620786	-0.61276
ENSG0000055798	METTL2B	methyltransferase 2B	ENSG0000022.60212	-0.74439	1.214856	-0.61274
ENSG0000050485	SMARCAL1	SWI/SNF related, complex associated, like 1	ENSG000007.493106	-1.25113	2.042734	-0.61248

ENSG00000114905	C1QTNF7	C1q and TNF	ENSG0000017493106	-1.25113	2.042734	-0.61248
ENSG0000012065	ERBB3	erb-b2 receptor tyrosine kinase	ENSG0000017493106	-1.25113	2.042734	-0.61248
ENSG0000018671	SLC4A4	solute carrier family 4 member 4	ENSG0000015759132	0.522384	0.852998	0.61241
ENSG00000184955	NUDCD1	NudC domain containing 1	ENSG0000012019248	-0.78409	1.280382	-0.61239
ENSG0000013832	KIF11	kinesin family class I member 11	ENSG0000014420404	1.531809	2.502162	0.612194
ENSG00000110625	IVNS1ABP	influenza virus NS1 associated protein	ENSG0000011514084	0.383676	0.626993	0.61193
ENSG0000018545	CGGBP1	CGG triplet repeat binding protein 1	ENSG0000019404264	-0.43939	0.718109	-0.61188
ENSG000001161823	ADAL	adenosine deaminase 1	ENSG0000012781441	0.679851	1.111133	0.611854
ENSG00000157478	USP31	ubiquitin specific protease 31	ENSG0000011076608	-0.42405	0.693173	-0.61175
ENSG000001149478	BTBD19	BTB domain containing 19	ENSG0000014607028	-1.60728	2.629642	-0.61121
ENSG000001440957	SMIM4	small intestine mucin 4	ENSG0000014607028	-1.60728	2.629642	-0.61121
ENSG00000205664			ENSG0000014607028	-1.60728	2.629642	-0.61121
ENSG00000151061	TXNDC11	thioredoxin domain containing 11	ENSG0000012975311	-0.66274	1.084314	-0.61121
ENSG0000019925	ZBTB5	zinc finger protein 5	ENSG0000011816616	0.792504	1.296923	0.611065
ENSG0000017092	TLL1	tolloid like 1	ENSG0000014713876	-1.6541	2.707107	-0.61102
ENSG00000155959	SULF2	sulfatase 2	ENSG0000017145347	-0.48282	0.790464	-0.61081
ENSG0000019465	AKAP7	A-kinase anchoring protein 7	ENSG0000011822148	0.794824	1.301382	0.610754
ENSG0000016868	ADAM17	ADAM metallopeptidase with thrombospondin type 1 motifs 17	ENSG0000013288113	0.618655	1.013011	0.610709
ENSG00000110463	SLC30A9	solute carrier family 30 member 9	ENSG0000011423621	0.398714	0.652984	0.610604
ENSG00000151191	HERC5	HECT and E3 ubiquitin protein ligase 5	ENSG0000018897567	1.069456	1.751742	0.61051
ENSG00000110286	BCAS2	BCAS2, precursor	ENSG0000012153351	0.726436	1.190052	0.610424
ENSG0000016837	MED22	mediator complex subunit 22	ENSG0000012153351	0.726436	1.190052	0.610424
ENSG000001114800	CCDC85A	coiled-coil domain containing 85A	ENSG0000014629653	-1.62093	2.656267	-0.61023
ENSG0000017433	VIPR1	vasoactive intestinal peptide receptor 1	ENSG0000014629653	-1.62093	2.656267	-0.61023
ENSG00000184930	MASTL	microtubule associated serine/threonine kinase like 1	ENSG0000014629653	-1.62093	2.656267	-0.61023
ENSG0000018812	CCNK	cyclin K	ENSG0000018858594	1.072053	1.756888	0.6102
ENSG0000017082	TJP1	tight junction protein 1	ENSG0000013901792	-0.32865	0.538639	-0.61015
ENSG000001100101467	ZSCAN30	zinc finger protein 30	ENSG0000013238024	-0.65352	1.071437	-0.60994
ENSG000001140461	ASB8	ankyrin repeat domain containing 8	ENSG0000018845686	0.439667	0.720928	0.609863
ENSG0000011066	CES1	carboxylesterase 1	ENSG0000013460065	0.607113	0.995516	0.609847
ENSG000001129787	TMEM18	transmembrane protein 18	ENSG0000011027639	1.024217	1.679525	0.609826
ENSG0000019337	CNOT8	CCR4-NOT complex subunit 8	ENSG0000013910631	-0.59217	0.971288	-0.60967
ENSG000001116154	PHACTR3	phosphatase and actin regulator 3	ENSG0000011043856	0.990776	1.625669	0.609457
ENSG0000018625	RFXANK	regulatory factor X associated nuclear core protein	ENSG0000011013279	-1.07007	1.756035	-0.60936
ENSG00000110432	RBM14	RNA binding motif protein 14	ENSG0000012970786	-0.65812	1.0805	-0.60909
ENSG0000019117	SEC22C	SEC22 homolog	ENSG000001460436	-0.55399	0.909647	-0.60902
ENSG00000111282	MGAT4B	alpha-1,3-mannosylglyucosyltransferase 4B	ENSG0000016144767	0.489744	0.804849	0.608492
ENSG000001196441	ZFC3H1	zinc finger protein 3H1	ENSG0000016897595	-0.48179	0.791858	-0.60843
ENSG0000013099	HK2	hexokinase 2	ENSG0000014387028	-0.57362	0.942948	-0.60833
ENSG0000011107	CHD3	chromodomain helicase domain protein 3	ENSG0000014969149	0.525197	0.863443	0.608259
ENSG0000018659	ALDH4A1	aldehyde dehydrogenase family 4 member A1	ENSG0000011017177	-1.0735	1.765092	-0.60818
ENSG00000110192855C	SMC2-AS1	SMC2 antisense 1	ENSG0000014646	-1.61431	2.65552	-0.60791
ENSG0000011478	CSTF2	cleavage stimulation factor 2	ENSG0000014646	-1.61431	2.65552	-0.60791
ENSG00000155737	VPS35	VPS35, retrograde	ENSG0000011378258	0.390375	0.642254	0.60782
ENSG000001129303	TMEM150	transmembrane protein 150	ENSG0000017454134	-1.24666	2.051614	-0.60765
ENSG0000011649	DDIT3	DNA damage inducible transcript 3	ENSG0000017454134	-1.24666	2.051614	-0.60765
ENSG00000123541	SEC14L2	SEC14 like 2	ENSG0000017454134	-1.24666	2.051614	-0.60765

ENSG0000I	ENSG00000253284			ENSG0000I	17.97391	-0.858	1.412155	-0.60758
ENSG0000I	ENSG0000I(9976	CLEC2B	C-type lect	ENSG0000I	11.81739	0.961436	1.582441	0.607565
ENSG0000I	ENSG0000I(54788	DNAJB12	DnaJ heat s	ENSG0000I	41.37014	-0.57562	0.947422	-0.60756
ENSG0000I	ENSG0000I(5464	PPA1	pyrophosp	ENSG0000I	66.52446	0.47693	0.785219	0.607385
ENSG0000I	ENSG0000I(23171	GPD1L	glycerol-3-	ENSG0000I	485.5735	0.318484	0.52464	0.607053
ENSG0000I	ENSG0000I(80155	NAA15	N(alpha)-a	ENSG0000I	69.92072	0.467825	0.771221	0.606603
ENSG0000I	ENSG0000I(3709	ITPR2	inositol 1,4	ENSG0000I	112.5152	-0.42615	0.702557	-0.60657
ENSG0000I	ENSG0000I(283871	PGP	phosphogl	ENSG0000I	15.20475	-0.88174	1.453945	-0.60645
ENSG0000I	ENSG0000I(4724	NDUFS4	NADH:ubic	ENSG0000I	64.56235	0.49311	0.813785	0.605946
ENSG0000I	ENSG0000I(160857	CCDC122	coiled-coil	ENSG0000I	7.532079	-1.25583	2.075423	-0.6051
ENSG0000I	ENSG0000I(6575	SLC20A2	solute carr	ENSG0000I	108.2134	0.430926	0.712362	0.604926
ENSG0000I	ENSG00000116883			ENSG0000I	1.552503	-2.69123	4.449447	-0.60484
ENSG0000I	ENSG00000223519			ENSG0000I	1.552503	-2.69123	4.449447	-0.60484
ENSG0000I	ENSG00000248115			ENSG0000I	1.552503	-2.69123	4.449447	-0.60484
ENSG0000I	ENSG00000278974			ENSG0000I	1.552503	-2.69123	4.449447	-0.60484
ENSG0000I	ENSG0000I(153218	SPINK13	serine pep	ENSG0000I	1.552503	-2.69123	4.449447	-0.60484
ENSG0000I	ENSG0000I(102724404	LOC102724	uncharacte	ENSG0000I	1.552503	-2.69123	4.449447	-0.60484
ENSG0000I	ENSG0000I(285755	PPIL6	peptidylpro	ENSG0000I	1.552503	-2.69123	4.449447	-0.60484
ENSG0000I	ENSG00000255200			ENSG0000I	1.552503	-2.69123	4.449447	-0.60484
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ENSG0000I	ENSG00000262402			ENSG0000I	1.552503	-2.69123	4.449447	-0.60484
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ENSG0000I	ENSG0000I(1828	DSG1	desmoglein	ENSG0000I	1.552503	-2.69123	4.449447	-0.60484
ENSG0000I	ENSG0000I(2354	FOSB	FosB proto	ENSG0000I	1.552503	-2.69123	4.449447	-0.60484
ENSG0000I	ENSG0000I(140680	C20orf96	chromosom	ENSG0000I	1.552503	-2.69123	4.449447	-0.60484
ENSG0000I	ENSG0000I(5126	PCSK2	proprotein	ENSG0000I	1.552503	-2.69123	4.449447	-0.60484
ENSG0000I	ENSG0000I(54795	TRPM4	transient r	ENSG0000I	22.65744	-0.74486	1.231893	-0.60465
ENSG0000I	ENSG0000I(23190	UBXN4	UBX domai	ENSG0000I	102.1462	0.420348	0.695255	0.604595
ENSG0000I	ENSG0000I(8915	BCL10	B cell CLL/I	ENSG0000I	13.48158	0.889925	1.471937	0.604594
ENSG0000I	ENSG0000I(9801	MRPL19	mitochond	ENSG0000I	53.20465	-0.53354	0.882671	-0.60447
ENSG0000I	ENSG0000I(8301	PICALM	phosphatic	ENSG0000I	220.8959	0.36095	0.597205	0.604399
ENSG0000I	ENSG0000I(118987	PDZD8	PDZ domai	ENSG0000I	73.40302	-0.46831	0.775061	-0.60423
ENSG0000I	ENSG0000I(144108	SPTY2D1	SPT2 chron	ENSG0000I	20.08563	-0.77194	1.277596	-0.60422
ENSG0000I	ENSG0000I(5578	PRKCA	protein kin	ENSG0000I	52.98089	-0.5262	0.871052	-0.6041
ENSG0000I	ENSG0000I(148252	DIRAS1	DIRAS fami	ENSG0000I	147.7699	-0.41418	0.6859	-0.60385
ENSG0000I	ENSG0000I(221302	ZUP1	zinc finger	ENSG0000I	7.440796	1.139516	1.887285	0.603786
ENSG0000I	ENSG0000I(441250	TYW1B	tRNA-gamma	ENSG0000I	7.440796	1.139516	1.887285	0.603786
ENSG0000I	ENSG0000I(57097	PARP11	poly(ADP-r	ENSG0000I	7.440796	1.139516	1.887285	0.603786
ENSG0000I	ENSG0000I(54470	ARMCX6	armadillo r	ENSG0000I	7.440796	1.139516	1.887285	0.603786
ENSG0000I	ENSG0000I(9392	TGFBRAP1	transformi	ENSG0000I	27.27559	-0.67644	1.120326	-0.60378
ENSG0000I	ENSG0000I(8974	P4HA2	prolyl 4-hy	ENSG0000I	44.60841	0.551297	0.913188	0.603705
ENSG0000I	ENSG0000I(1902	LPAR1	lysophosph	ENSG0000I	47.94935	0.532681	0.882507	0.6036
ENSG0000I	ENSG0000I(23256	SCFD1	sec1 family	ENSG0000I	43.02845	0.552932	0.916456	0.603337
ENSG0000I	ENSG0000I(80110	ZNF614	zinc finger	ENSG0000I	17.65336	-0.8178	1.355472	-0.60333
ENSG0000I	ENSG0000I(10311	VPS26C	VPS26 end	ENSG0000I	61.55452	0.484524	0.803228	0.60322
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ENSG0000018420	SNHG3	small nucle	ENSG0000017476759	-1.25524	2.082928	-0.60263
ENSG00000129685	TAF8	TATA-box k	ENSG00000158.20351	0.49285	0.818054	0.602467
ENSG0000014216	MAP3K4	mitogen-ac	ENSG00000159.9408	-0.5062	0.84029	-0.60241
ENSG00000181035	COLEC12	collectin su	ENSG00000139.6569	-0.62208	1.032655	-0.6024
ENSG0000017919	DDX39B	DExD-box k	ENSG00000146.43202	-0.57397	0.952888	-0.60235
ENSG0000011809	DPYSL3	dihydropyr	ENSG00000157.49218	-0.50844	0.84437	-0.60216
ENSG00000155582	KIF27	kinesin fan	ENSG00000112.04115	0.919592	1.527376	0.602073
ENSG000001730102	CRYZL2P	crystallin z	ENSG00000117.61439	-0.81569	1.355208	-0.6019
ENSG00000183737	ITCH	itchy E3 ub	ENSG00000151.47887	0.514553	0.854918	0.601874
ENSG00000184331	MCRIP2	MAPK regu	ENSG00000117.63702	-0.81958	1.361755	-0.60185
ENSG0000018220	ESS2	ess-2 splici	ENSG0000015.860828	1.301253	2.162349	0.601777
ENSG00000123054	NCOA6	nuclear rec	ENSG00000175.65049	-0.46347	0.770352	-0.60163
ENSG00000191368	CDKN2AIP1	CDKN2A in	ENSG00000121.40404	0.748415	1.244087	0.601578
ENSG0000015837	PYGM	glycogen p	ENSG000001129.0308	-0.41922	0.696896	-0.60156
ENSG00000192591	ASB16	ankyrin re	ENSG00000110.09382	-1.0666	1.773275	-0.60149
ENSG00000110894	LYVE1	lymphatic	ENSG000001100.3502	-1.17577	1.955295	-0.60132
ENSG00000151631	LUC7L2	LUC7 like 2	ENSG00000120.04666	-0.77005	1.280774	-0.60124
ENSG00000156267	KYAT3	kynurenine	ENSG00000112.64928	-0.95387	1.586682	-0.60117
ENSG0000010280077			ENSG0000014.584402	-1.59333	2.651685	-0.60088
ENSG000001387640	SKIDA1	SKI/DACH 1	ENSG0000014.584402	-1.59333	2.651685	-0.60088
ENSG00000164800	EFCAB6	EF-hand ca	ENSG0000014.584402	-1.59333	2.651685	-0.60088
ENSG000001673	BRAF	B-Raf prot	ENSG00000164.30248	-0.4901	0.815738	-0.60081
ENSG0000010272501			ENSG0000015.922426	1.271727	2.116738	0.600796
ENSG0000011763	DNA2	DNA replic	ENSG0000017.470481	-1.24236	2.068972	-0.60047
ENSG0000013730	ANOS1	anosmin 1	ENSG00000118.3673	0.772212	1.286642	0.600176
ENSG00000190780	PYGO2	pygopus fa	ENSG00000120.06928	-0.77345	1.288771	-0.60015
ENSG000001199990	FAAP20	FA core co	ENSG0000014.54543	-1.58633	2.644667	-0.59982
ENSG00000151601	LIPT1	lipoyltrans	ENSG0000014.54543	-1.58633	2.644667	-0.59982
ENSG000001100131117	ZBTB20-AS	ZBTB20 an	ENSG0000014.54543	-1.58633	2.644667	-0.59982
ENSG000001169166	SNX31	sorting nex	ENSG0000014.54543	-1.58633	2.644667	-0.59982
ENSG00000184108	PCGF6	polycomb g	ENSG0000014.54543	-1.58633	2.644667	-0.59982
ENSG00000156052	ALG1	ALG1, chit	ENSG0000014.54543	-1.58633	2.644667	-0.59982
ENSG0000010278931			ENSG0000014.54543	-1.58633	2.644667	-0.59982
ENSG0000018642	DCHS1	dachsous c	ENSG00000134.42029	-0.61837	1.031092	-0.59972
ENSG0000018880	FUBP1	far upstrea	ENSG00000198.26857	-0.42792	0.713622	-0.59964
ENSG00000184133	ZNRF3	zinc and rir	ENSG00000120.02403	-0.7666	1.278572	-0.59958
ENSG00000179758	DHRS12	dehydroge	ENSG00000110.50016	0.975689	1.627762	0.599405
ENSG00000110014	HDAC5	histone de	ENSG00000177.98219	-0.46119	0.769476	-0.59936
ENSG00000123515	MORC3	MORC fam	ENSG00000171.79233	0.458334	0.764794	0.59929
ENSG00000126010	SPATS2L	spermatog	ENSG00000170.9871	-0.46838	0.781801	-0.59911
ENSG0000018939	FUBP3	far upstrea	ENSG00000138.95422	-0.58234	0.972574	-0.59876
ENSG00000110694	CCT8	chaperonir	ENSG00000175.20493	0.451172	0.753948	0.598412
ENSG0000016902	TBCA	tubulin fol	ENSG00000128.2129	0.639114	1.068677	0.598042
ENSG00000192106	OXNAD1	oxidoreduc	ENSG00000131.91008	-0.62806	1.050237	-0.59802
ENSG00000155205	ZNF532	zinc finger	ENSG000001134.2333	-0.39156	0.654931	-0.59787
ENSG00000123245	ASTN2	astrotactin	ENSG0000018.959165	1.05127	1.758431	0.597846
ENSG0000015213	PFKM	phosphofru	ENSG000001700.8339	0.317427	0.531073	0.597709

ENSG0000010082	GPC6	glypican 6	ENSG0000010082	8.98179	1.0361	1.734805	0.597243
ENSG0000025977	NECAP1	NECAP enc	ENSG0000025977	31.23957	0.628712	1.052853	0.597151
ENSG000008568	RRP1	ribosomal	ENSG000008568	10.04857	-1.05321	1.764123	-0.59702
ENSG00000272482			ENSG00000272482	1.51353	-2.66977	4.472259	-0.59696
ENSG000008438	RAD54L	RAD54 like	ENSG000008438	1.51353	-2.66977	4.472259	-0.59696
ENSG00000339398	LINGO4	leucine ric	ENSG00000339398	1.51353	-2.66977	4.472259	-0.59696
ENSG00000148304	C1orf74	chromosom	ENSG00000148304	1.51353	-2.66977	4.472259	-0.59696
ENSG00000225900			ENSG00000225900	1.51353	-2.66977	4.472259	-0.59696
ENSG0000050636	ANO7	anoctamin	ENSG0000050636	1.51353	-2.66977	4.472259	-0.59696
ENSG000008536	CAMK1	calcium/ca	ENSG000008536	1.51353	-2.66977	4.472259	-0.59696
ENSG00000236732			ENSG00000236732	1.51353	-2.66977	4.472259	-0.59696
ENSG0000027094	KCNMB3	potassium	ENSG0000027094	1.51353	-2.66977	4.472259	-0.59696
ENSG00000276396			ENSG00000276396	1.51353	-2.66977	4.472259	-0.59696
ENSG0000054798	DCHS2	dachsous c	ENSG0000054798	1.51353	-2.66977	4.472259	-0.59696
ENSG00000243914			ENSG00000243914	1.51353	-2.66977	4.472259	-0.59696
ENSG00000105379152	LOC105379152	uncharacte	ENSG00000105379152	1.51353	-2.66977	4.472259	-0.59696
ENSG000003136	HLA-H	major histc	ENSG000003136	1.51353	-2.66977	4.472259	-0.59696
ENSG0000027232	GNMT	glycine N-r	ENSG0000027232	1.51353	-2.66977	4.472259	-0.59696
ENSG00000441151	TMEM151	transmeml	ENSG00000441151	1.51353	-2.66977	4.472259	-0.59696
ENSG00000102724484	LOC102724484	uncharacte	ENSG00000102724484	1.51353	-2.66977	4.472259	-0.59696
ENSG00000235475			ENSG00000235475	1.51353	-2.66977	4.472259	-0.59696
ENSG00000243554			ENSG00000243554	1.51353	-2.66977	4.472259	-0.59696
ENSG00000100505869	CFAP58-DT	CFAP58 div	ENSG00000100505869	1.51353	-2.66977	4.472259	-0.59696
ENSG00000101928069	LOC101928069	uncharacte	ENSG00000101928069	1.51353	-2.66977	4.472259	-0.59696
ENSG00000255318			ENSG00000255318	1.51353	-2.66977	4.472259	-0.59696
ENSG00000254528			ENSG00000254528	1.51353	-2.66977	4.472259	-0.59696
ENSG0000050838	TAS2R13	taste 2 rec	ENSG0000050838	1.51353	-2.66977	4.472259	-0.59696
ENSG00000243854			ENSG00000243854	1.51353	-2.66977	4.472259	-0.59696
ENSG0000091523	PCED1B	PC-esteras	ENSG0000091523	1.51353	-2.66977	4.472259	-0.59696
ENSG00000278112			ENSG00000278112	1.51353	-2.66977	4.472259	-0.59696
ENSG000004081	MAB21L1	mab-21 lik	ENSG000004081	1.51353	-2.66977	4.472259	-0.59696
ENSG00000100874064	PCDH9-AS1	PCDH9 ant	ENSG00000100874064	1.51353	-2.66977	4.472259	-0.59696
ENSG00000283208			ENSG00000283208	1.51353	-2.66977	4.472259	-0.59696
ENSG0000057096	RPGRIP1	RPGR inter	ENSG0000057096	1.51353	-2.66977	4.472259	-0.59696
ENSG00000271075			ENSG00000271075	1.51353	-2.66977	4.472259	-0.59696
ENSG00000260582			ENSG00000260582	1.51353	-2.66977	4.472259	-0.59696
ENSG000004832	NME3	NME/NM2	ENSG000004832	1.51353	-2.66977	4.472259	-0.59696
ENSG0000079905	TMC7	transmeml	ENSG0000079905	1.51353	-2.66977	4.472259	-0.59696
ENSG00000276259			ENSG00000276259	1.51353	-2.66977	4.472259	-0.59696
ENSG0000022843	PPM1E	protein ph	ENSG0000022843	1.51353	-2.66977	4.472259	-0.59696
ENSG0000054938	SARS2	seryl-tRNA	ENSG0000054938	1.51353	-2.66977	4.472259	-0.59696
ENSG00000268543			ENSG00000268543	1.51353	-2.66977	4.472259	-0.59696
ENSG00000100507629	LINC00658	long interg	ENSG00000100507629	1.51353	-2.66977	4.472259	-0.59696
ENSG00000236559			ENSG00000236559	1.51353	-2.66977	4.472259	-0.59696
ENSG00000281530			ENSG00000281530	1.51353	-2.66977	4.472259	-0.59696
ENSG00000278960			ENSG00000278960	1.51353	-2.66977	4.472259	-0.59696
ENSG0000010628	TXNIP	thioredoxin	ENSG0000010628	2046.475	-0.31299	0.524309	-0.59695

ENSG0000I	ENSG0000I	23129	PLXND1	plexin D1	ENSG0000I	91.40923	-0.43518	0.729121	-0.59685
ENSG0000I	ENSG0000I	55973	BCAP29	B cell recep	ENSG0000I	109.1562	0.408884	0.685129	0.596798
ENSG0000I	ENSG0000I	55156	ARMC1	armadillo r	ENSG0000I	38.1817	0.567144	0.950439	0.596718
ENSG0000I	ENSG0000I	23593	HEBP2	heme bind	ENSG0000I	73.54074	0.453126	0.759385	0.596701
ENSG0000I	ENSG0000I	29117	BRD7	bromodorr	ENSG0000I	56.63989	0.493199	0.826612	0.596651
ENSG0000I	ENSG0000I	2560	GABRB1	gamma-arr	ENSG0000I	2.986258	1.884829	3.159934	0.596477
ENSG0000I	ENSG0000I	3248	HPGD	15-hydroxy	ENSG0000I	2.986258	1.884829	3.159934	0.596477
ENSG0000I	ENSG0000I	283392	TRHDE-AS1	TRHDE anti	ENSG0000I	2.986258	1.884829	3.159934	0.596477
ENSG0000I	ENSG0000I	79856	SNX22	sorting nex	ENSG0000I	2.986258	1.884829	3.159934	0.596477
ENSG0000I	ENSG0000I	64793	CEP85	centrosom	ENSG0000I	111.8706	-0.45333	0.760455	-0.59613
ENSG0000I	ENSG0000I	440026	TMEM41B	transmeml	ENSG0000I	29.76318	-0.65871	1.105217	-0.596
ENSG0000I	ENSG0000I	339287	MSL1	male speci	ENSG0000I	71.49061	0.466563	0.782881	0.595957
ENSG0000I	ENSG0000I	10161	LPAR6	lysophosph	ENSG0000I	27.22027	-0.67596	1.135022	-0.59555
ENSG0000I	ENSG0000I	5899	RALB	RAS like pr	ENSG0000I	56.66251	0.491591	0.825452	0.595541
ENSG0000I	ENSG0000I	83732	RIOK1	RIO kinase	ENSG0000I	18.45152	0.757966	1.273013	0.595411
ENSG0000I	ENSG0000I	339487	ZBTB8OS	zinc finger	ENSG0000I	16.84893	0.786932	1.32252	0.595025
ENSG0000I	ENSG0000I	64901	RANBP17	RAN bindir	ENSG0000I	7.408883	-1.22882	2.065364	-0.59496
ENSG0000I	ENSG0000I	4598	MVK	mevalonat	ENSG0000I	7.408883	-1.22882	2.065364	-0.59496
ENSG0000I	ENSG0000I	6002	RGS12	regulator c	ENSG0000I	15.19847	-0.87521	1.471196	-0.59489
ENSG0000I	ENSG0000I	8705	B3GALT4	beta-1,3-g	ENSG0000I	4.566225	1.410957	2.372233	0.59478
ENSG0000I	ENSG0000I	84902	CEP89	centrosom	ENSG0000I	21.63408	0.717787	1.206933	0.59472
ENSG0000I	ENSG0000I	6422	SFRP1	secreted fr	ENSG0000I	33.48769	-0.7261	1.220977	-0.59469
ENSG0000I	ENSG0000I	65056	GPBP1	GC-rich prc	ENSG0000I	99.10951	0.414963	0.697826	0.594651
ENSG0000I	ENSG0000I	4712	NDUFB6	NADH:ubic	ENSG0000I	38.05222	0.578507	0.973618	0.594183
ENSG0000I	ENSG0000I	79175	ZNF343	zinc finger	ENSG0000I	10.0096	-1.04978	1.766893	-0.59414
ENSG0000I	ENSG0000I	63931	MRPS14	mitochond	ENSG0000I	12.56506	-0.94024	1.583291	-0.59385
ENSG0000I	ENSG0000I	23109	DDN	dendrin	ENSG0000I	3.025231	1.882768	3.170959	0.593754
ENSG0000I	ENSG0000I	145781	GCOM1	GRINL1A c	ENSG0000I	27.11342	-0.66694	1.123731	-0.5935
ENSG0000I	ENSG0000I	284565	NBPF15	NBPF mem	ENSG0000I	12.7046	-0.9543	1.608388	-0.59333
ENSG0000I	ENSG0000I	1105	CHD1	chromodor	ENSG0000I	73.08875	-0.45936	0.774205	-0.59333
ENSG0000I	ENSG0000I	389541	LAMTOR4	late endos	ENSG0000I	26.47076	0.658941	1.110586	0.593327
ENSG0000I	ENSG0000I	7108	TM7SF2	transmeml	ENSG0000I	38.79205	-0.57549	0.969999	-0.59329
ENSG0000I	ENSG0000I	5585	PKN1	protein kin	ENSG0000I	80.00342	-0.44878	0.756506	-0.59323
ENSG0000I	ENSG0000I	11218	DDX20	DEAD-box	ENSG0000I	15.05893	-0.86332	1.455633	-0.59309
ENSG0000I	ENSG0000I	9026	HIP1R	huntingtin	ENSG0000I	15.05893	-0.86332	1.455633	-0.59309
ENSG0000I	ENSG0000I	94120	SYTL3	synaptotag	ENSG0000I	13.62112	0.873854	1.473648	0.592987
ENSG0000I	ENSG0000I	6881	TAF10	TATA-box k	ENSG0000I	28.19655	0.636852	1.073984	0.59298
ENSG0000I	ENSG0000I	22897	CEP164	centrosom	ENSG0000I	19.54499	0.791011	1.334425	0.592773
ENSG0000I	ENSG0000I	0231992			ENSG0000I	1.659351	-2.80416	4.730642	-0.59276
ENSG0000I	ENSG0000I	0224895			ENSG0000I	1.659351	-2.80416	4.730642	-0.59276
ENSG0000I	ENSG0000I	0226541			ENSG0000I	1.659351	-2.80416	4.730642	-0.59276
ENSG0000I	ENSG0000I	414224	AGAP12P	ArfGAP wit	ENSG0000I	1.659351	-2.80416	4.730642	-0.59276
ENSG0000I	ENSG0000I	0231132			ENSG0000I	1.659351	-2.80416	4.730642	-0.59276
ENSG0000I	ENSG0000I	6288	SAA1	serum amy	ENSG0000I	1.659351	-2.80416	4.730642	-0.59276
ENSG0000I	ENSG0000I	0211966			ENSG0000I	1.659351	-2.80416	4.730642	-0.59276
ENSG0000I	ENSG0000I	0266385			ENSG0000I	1.659351	-2.80416	4.730642	-0.59276
ENSG0000I	ENSG0000I	388550	CEACAM22	carcinoeml	ENSG0000I	1.659351	-2.80416	4.730642	-0.59276

ENSG0000I	ENSG00000268568			ENSG0000I	1.659351	-2.80416	4.730642	-0.59276
ENSG0000I	ENSG0000I 837	CASP4	caspase 4	ENSG0000I	38.805	0.618297	1.043172	0.592709
ENSG0000I	ENSG0000I 146722	CD300LF	CD300 mol	ENSG0000I	4.258236	1.625731	2.742992	0.592685
ENSG0000I	ENSG0000I 10175240C	CAPN10-D	CAPN10 di	ENSG0000I	4.522805	-1.57212	2.652783	-0.59263
ENSG0000I	ENSG0000I 245812	CNPY4	canopy FGI	ENSG0000I	4.522805	-1.57212	2.652783	-0.59263
ENSG0000I	ENSG0000I 29083	GTPBP8	GTP bindin	ENSG0000I	18.47415	0.751792	1.268604	0.592614
ENSG0000I	ENSG0000I 54946	SLC41A3	solute carr	ENSG0000I	27.12977	-0.66586	1.123865	-0.59248
ENSG0000I	ENSG0000I 64236	PDLIM2	PDZ and LI	ENSG0000I	7.502394	1.117536	1.886263	0.59246
ENSG0000I	ENSG0000I 374395	TMEM179I	transmeml	ENSG0000I	7.502394	1.117536	1.886263	0.59246
ENSG0000I	ENSG0000I 400073	C12orf76	chromosor	ENSG0000I	7.502394	1.117536	1.886263	0.59246
ENSG0000I	ENSG0000I 7003	TEAD1	TEA domai	ENSG0000I	222.1187	-0.35598	0.60101	-0.5923
ENSG0000I	ENSG0000I 55106	SLFN12	schlafen fa	ENSG0000I	10.03222	-1.05641	1.784534	-0.59198
ENSG0000I	ENSG0000I 7772	ZNF229	zinc finger	ENSG0000I	16.87156	0.780036	1.318558	0.591583
ENSG0000I	ENSG0000I 54455	FBXO42	F-box prot	ENSG0000I	57.23572	-0.50234	0.849216	-0.59153
ENSG0000I	ENSG0000I 1523	CUX1	cut like hor	ENSG0000I	223.4485	-0.34761	0.587721	-0.59145
ENSG0000I	ENSG0000I 3270	HRC	histidine ri	ENSG0000I	1120.247	0.328861	0.556343	0.591112
ENSG0000I	ENSG0000I 165324	UBXN2A	UBX domai	ENSG0000I	43.40391	-0.55001	0.930566	-0.59105
ENSG0000I	ENSG0000I 550	AUP1	AUP1, lipid	ENSG0000I	34.11858	-0.60495	1.023667	-0.59097
ENSG0000I	ENSG0000I 57801	HES4	hes family	ENSG0000I	1.490905	-2.63587	4.460363	-0.59095
ENSG0000I	ENSG00000224238			ENSG0000I	1.490905	-2.63587	4.460363	-0.59095
ENSG0000I	ENSG00000250249			ENSG0000I	1.490905	-2.63587	4.460363	-0.59095
ENSG0000I	ENSG0000I 285456	RPL34-AS1	RPL34 anti	ENSG0000I	1.490905	-2.63587	4.460363	-0.59095
ENSG0000I	ENSG00000249002			ENSG0000I	1.490905	-2.63587	4.460363	-0.59095
ENSG0000I	ENSG00000248206			ENSG0000I	1.490905	-2.63587	4.460363	-0.59095
ENSG0000I	ENSG0000I 101929505	LINC02150	long interg	ENSG0000I	1.490905	-2.63587	4.460363	-0.59095
ENSG0000I	ENSG0000I 100852408	EGFLAM-A	EGFLAM ar	ENSG0000I	1.490905	-2.63587	4.460363	-0.59095
ENSG0000I	ENSG00000224431			ENSG0000I	1.490905	-2.63587	4.460363	-0.59095
ENSG0000I	ENSG00000225364			ENSG0000I	1.490905	-2.63587	4.460363	-0.59095
ENSG0000I	ENSG00000260645			ENSG0000I	1.490905	-2.63587	4.460363	-0.59095
ENSG0000I	ENSG0000I 135295	SRSF12	serine and	ENSG0000I	1.490905	-2.63587	4.460363	-0.59095
ENSG0000I	ENSG0000I 389432	SAMD5	sterile alph	ENSG0000I	1.490905	-2.63587	4.460363	-0.59095
ENSG0000I	ENSG00000230358			ENSG0000I	1.490905	-2.63587	4.460363	-0.59095
ENSG0000I	ENSG0000I 5382	PMS2P4	PMS1 hom	ENSG0000I	1.490905	-2.63587	4.460363	-0.59095
ENSG0000I	ENSG0000I 100463482	MTRNR2L6	MT-RNR2 l	ENSG0000I	1.490905	-2.63587	4.460363	-0.59095
ENSG0000I	ENSG00000254165			ENSG0000I	1.490905	-2.63587	4.460363	-0.59095
ENSG0000I	ENSG00000254225			ENSG0000I	1.490905	-2.63587	4.460363	-0.59095
ENSG0000I	ENSG00000280035			ENSG0000I	1.490905	-2.63587	4.460363	-0.59095
ENSG0000I	ENSG00000227914			ENSG0000I	1.490905	-2.63587	4.460363	-0.59095
ENSG0000I	ENSG00000235619			ENSG0000I	1.490905	-2.63587	4.460363	-0.59095
ENSG0000I	ENSG0000I 3698	ITIH2	inter-alpha	ENSG0000I	1.490905	-2.63587	4.460363	-0.59095
ENSG0000I	ENSG00000233343			ENSG0000I	1.490905	-2.63587	4.460363	-0.59095
ENSG0000I	ENSG00000252036			ENSG0000I	1.490905	-2.63587	4.460363	-0.59095
ENSG0000I	ENSG00000228485			ENSG0000I	1.490905	-2.63587	4.460363	-0.59095
ENSG0000I	ENSG00000254988			ENSG0000I	1.490905	-2.63587	4.460363	-0.59095
ENSG0000I	ENSG0000I 10192934C	LOC101929	uncharacte	ENSG0000I	1.490905	-2.63587	4.460363	-0.59095
ENSG0000I	ENSG00000274598			ENSG0000I	1.490905	-2.63587	4.460363	-0.59095
ENSG0000I	ENSG00000279700			ENSG0000I	1.490905	-2.63587	4.460363	-0.59095

ENSG00000187769	GGACT	gamma-gl	ENSG000001490905	-2.63587	4.460363	-0.59095
ENSG000001100874205	ATP11A-AS	ATP11A an	ENSG000001490905	-2.63587	4.460363	-0.59095
ENSG0000010279970			ENSG000001490905	-2.63587	4.460363	-0.59095
ENSG0000017755	ZNF205	zinc finger	ENSG000001490905	-2.63587	4.460363	-0.59095
ENSG0000010280254			ENSG000001490905	-2.63587	4.460363	-0.59095
ENSG0000010264057			ENSG000001490905	-2.63587	4.460363	-0.59095
ENSG0000010263731			ENSG000001490905	-2.63587	4.460363	-0.59095
ENSG0000010267800			ENSG000001490905	-2.63587	4.460363	-0.59095
ENSG000001664701	ZNF826P	zinc finger	ENSG000001490905	-2.63587	4.460363	-0.59095
ENSG000001100131496	LOC100131	uncharacte	ENSG000001490905	-2.63587	4.460363	-0.59095
ENSG0000010264490			ENSG000001490905	-2.63587	4.460363	-0.59095
ENSG00000179631	EFL1	elongation	ENSG0000031.48596	0.610205	1.032893	0.590773
ENSG00000164940	STAG3L4	stromal an	ENSG0000010.08754	-1.05682	1.788913	-0.59076
ENSG00000181571	MIR600HG	MIR600 ho	ENSG000009.986972	-1.04298	1.765649	-0.59071
ENSG000001643008	SMIM5	small integ	ENSG000009.986972	-1.04298	1.765649	-0.59071
ENSG0000013597	IL13RA1	interleukin	ENSG0000092.41377	0.419306	0.70996	0.590604
ENSG0000019344	TAOK2	TAO kinase	ENSG0000047.96046	-0.52914	0.896001	-0.59056
ENSG0000011352	COX10	cytochrom	ENSG0000047.16243	-0.59612	1.009793	-0.59034
ENSG00000123464	GCAT	glycine C-a	ENSG0000012.54244	-0.93476	1.584117	-0.59009
ENSG0000014355	MPP2	membrane	ENSG0000017.4912	-0.80358	1.361827	-0.59008
ENSG0000019104	RGN	regucalcin	ENSG0000013.5369	0.89375	1.514763	0.590026
ENSG0000019829	DNAJC6	DnaJ heat s	ENSG0000012.64301	-0.946	1.603601	-0.58993
ENSG0000012074	ERCC6	ERCC excis	ENSG0000047.97681	-0.52867	0.896207	-0.5899
ENSG0000018828	NRP2	neuropilin	ENSG0000024.97907	-0.71465	1.211985	-0.58965
ENSG00000151477	ISYNA1	inositol-3-p	ENSG000007.415161	-1.24171	2.106472	-0.58947
ENSG00000164145	RBSN	rabenosyn,	ENSG0000066.9393	0.46162	0.783206	0.589397
ENSG0000019857	CEP350	centrosom	ENSG00000230.3229	-0.34825	0.590995	-0.58925
ENSG00000155819	RNF130	ring finger	ENSG0000060.06884	0.482879	0.819565	0.58919
ENSG00000154206	ERRFI1	ERBB receç	ENSG0000024.81062	-0.70073	1.189611	-0.58904
ENSG00000183871	RAB34	RAB34, me	ENSG0000018.37358	0.761853	1.293536	0.58897
ENSG000001440145	MZT1	mitotic spi	ENSG000007.347285	-1.21518	2.063611	-0.58886
ENSG00000129085	PHPT1	phosphohi:	ENSG0000045.0069	0.526983	0.895018	0.588795
ENSG000001329	BIRC2	baculoviral	ENSG0000070.3519	0.453788	0.770991	0.588577
ENSG0000018660	IRS2	insulin rec	ENSG0000047.8714	0.534931	0.908924	0.588532
ENSG00000184920	ALG10	ALG10, alp	ENSG000009.043388	1.018452	1.730587	0.588501
ENSG00000110668	CGRRF1	cell growth	ENSG000009.043388	1.018452	1.730587	0.588501
ENSG00000110846	PDE10A	phosphodi:	ENSG0000035.29901	-0.66338	1.127603	-0.58831
ENSG0000019931	HELZ	helicase wi	ENSG00000167.259	-0.36507	0.620584	-0.58827
ENSG00000123760	PITPNB	phosphatic	ENSG0000066.84788	-0.4936	0.839113	-0.58824
ENSG00000110671	DCTN6	dynactin st	ENSG0000018.51312	0.749915	1.274976	0.58818
ENSG0000019644	SH3PXD2A	SH3 and P>	ENSG00000169.7341	-0.36605	0.6225	-0.58804
ENSG00000189891	WDR34	WD repeat	ENSG0000010.58438	0.94849	1.613156	0.587972
ENSG0000016623	SNCG	synuclein g	ENSG000007.308313	-1.21063	2.059298	-0.58788
ENSG000001105369827	LOC105369	uncharacte	ENSG000007.308313	-1.21063	2.059298	-0.58788
ENSG00000153407	STX18	syntaxin 1&	ENSG0000015.10418	-0.87221	1.48417	-0.58768
ENSG0000018446	DUSP11	dual specif	ENSG0000015.30794	0.812036	1.381814	0.587659
ENSG0000011660	DHX9	DExH-box †	ENSG00000109.1854	-0.40873	0.695524	-0.58765

ENSG0000I	ENSG0000I	113791	PIK3IP1	phosphoin	ENSG0000I	43.20317	0.538548	0.916855	0.587386
ENSG0000I	ENSG0000I	8260	NAA10	N(alpha)-a	ENSG0000I	4.483832	-1.56506	2.664524	-0.58737
ENSG0000I	ENSG0000I	54482	TRMT13	tRNA meth	ENSG0000I	16.70939	0.800157	1.362382	0.587322
ENSG0000I	ENSG0000I	148268	ZNF570	zinc finger	ENSG0000I	18.53575	0.743804	1.266654	0.58722
ENSG0000I	ENSG0000I	10253	SPRY2	sprouty RT	ENSG0000I	41.08477	-0.56369	0.959975	-0.5872
ENSG0000I	ENSG0000I	6366	CCL21	C-C motif c	ENSG0000I	11.02067	-2.99758	5.109045	-0.58672
ENSG0000I	ENSG0000I	9455	HOMER2	homer scaf	ENSG0000I	53.38945	0.499253	0.851325	0.586442
ENSG0000I	ENSG0000I	5511	PPP1R8	protein ph	ENSG0000I	22.27151	-0.71729	1.223396	-0.58631
ENSG0000I	ENSG0000I	401237	CASC15	cancer sus	ENSG0000I	6.045622	1.215036	2.072423	0.586287
ENSG0000I	ENSG0000I	2796	GNRH1	gonadotro	ENSG0000I	6.045622	1.215036	2.072423	0.586287
ENSG0000I	ENSG0000I	1875	E2F5	E2F transcr	ENSG0000I	6.045622	1.215036	2.072423	0.586287
ENSG0000I	ENSG0000I	81544	GDPD5	glycerophc	ENSG0000I	6.045622	1.215036	2.072423	0.586287
ENSG0000I	ENSG0000I	79736	TEFM	transcripti	ENSG0000I	6.045622	1.215036	2.072423	0.586287
ENSG0000I	ENSG0000I	8459	TPST2	tyrosylprot	ENSG0000I	30.02291	0.611107	1.042611	0.586131
ENSG0000I	ENSG0000I	1384	CRAT	carnitine O	ENSG0000I	55.13786	-0.51239	0.874297	-0.58606
ENSG0000I	ENSG0000I	55552	ZNF823	zinc finger	ENSG0000I	7.463421	1.120392	1.912501	0.585826
ENSG0000I	ENSG0000I	154807	VKORC1L1	vitamin K e	ENSG0000I	50.06735	0.505401	0.862732	0.585814
ENSG0000I	ENSG0000I	5094	PCBP2	poly(rC) bi	ENSG0000I	63.81977	-0.47427	0.809588	-0.58581
ENSG0000I	ENSG0000I	29803	REPIN1	replication	ENSG0000I	36.39875	-0.58453	0.997952	-0.58573
ENSG0000I	ENSG0000I	2066	ERBB4	erb-b2 rec	ENSG0000I	39.19433	-0.5917	1.010575	-0.58551
ENSG0000I	ENSG0000I	23412	COMMD3	COMM dor	ENSG0000I	5.877176	1.32338	2.260274	0.585495
ENSG0000I	ENSG0000I	10146	G3BP1	G3BP stres	ENSG0000I	225.0637	-0.34181	0.584179	-0.58512
ENSG0000I	ENSG0000I	9221	NOLC1	nucleolar a	ENSG0000I	54.9103	-0.50871	0.869548	-0.58502
ENSG0000I	ENSG0000I	142678	MIB2	mindbomb	ENSG0000I	14.9747	-0.8517	1.456546	-0.58474
ENSG0000I	ENSG0000I	26020	LRP10	LDL recept	ENSG0000I	123.1561	0.388052	0.663752	0.584634
ENSG0000I	ENSG0000I	9748	SLK	STE20 like	ENSG0000I	177.0347	-0.36924	0.631827	-0.5844
ENSG0000I	ENSG0000I	26064	RAI14	retinoic aci	ENSG0000I	17.44595	-0.79566	1.361803	-0.58427
ENSG0000I	ENSG0000I	29062	WDR91	WD repeat	ENSG0000I	12.48084	-0.92644	1.585669	-0.58426
ENSG0000I	ENSG0000I	51747	LUC7L3	LUC7 like 3	ENSG0000I	70.68539	-0.46142	0.789789	-0.58423
ENSG0000I	ENSG0000I	7412	VCAM1	vascular ce	ENSG0000I	23.26558	0.687285	1.176412	0.584221
ENSG0000I	ENSG0000I	4758	NEU1	neuraminic	ENSG0000I	23.26558	0.687285	1.176412	0.584221
ENSG0000I	ENSG0000I	163087	ZNF383	zinc finger	ENSG0000I	19.83924	-0.75047	1.284691	-0.58416
ENSG0000I	ENSG0000I	80745	THUMPD2	THUMP do	ENSG0000I	9.925374	-1.03268	1.768536	-0.58392
ENSG0000I	ENSG0000I	339175	METTL2A	methyltrar	ENSG0000I	9.925374	-1.03268	1.768536	-0.58392
ENSG0000I	ENSG0000I	27351	DES11	desumoyla	ENSG0000I	66.26211	-0.47223	0.808785	-0.58388
ENSG0000I	ENSG0000I	221749	PXDC1	PX domain	ENSG0000I	17.4296	-0.79749	1.366124	-0.58376
ENSG0000I	ENSG0000I	8353	HIST1H3E	histone clu	ENSG0000I	12.08013	0.916742	1.570599	0.583689
ENSG0000I	ENSG0000I	90407	TMEM41A	transmeml	ENSG0000I	15.01368	-0.85414	1.463434	-0.58366
ENSG0000I	ENSG0000I	256471	MFSD8	major facil	ENSG0000I	15.16839	0.826449	1.416783	0.583328
ENSG0000I	ENSG0000I	101926918	GTF2IP12	general tra	ENSG0000I	4.461207	-1.55065	2.658319	-0.58332
ENSG0000I	ENSG0000I	401190	RGS7BP	regulator c	ENSG0000I	4.461207	-1.55065	2.658319	-0.58332
ENSG0000I	ENSG0000I	23523	CABIN1	calcineurin	ENSG0000I	63.75817	-0.47247	0.810073	-0.58325
ENSG0000I	ENSG0000I	27	ABL2	ABL proto-	ENSG0000I	61.70805	-0.48681	0.834765	-0.58317
ENSG0000I	ENSG0000I	80167	ABHD18	abhydrolas	ENSG0000I	49.31183	0.539305	0.92506	0.582995
ENSG0000I	ENSG0000I	79018	GID4	GID compl	ENSG0000I	24.59693	-0.6809	1.168037	-0.58294
ENSG0000I	ENSG0000I	719	C3AR1	compleme	ENSG0000I	22.28564	2.644762	4.53798	0.582806
ENSG0000I	ENSG0000I	56122	PCDHB14	protocadh	ENSG0000I	7.285687	-1.20144	2.064065	-0.58207

ENSG0000026033	ATRN1L	attractin li	ENSG0000010.81325	-2.96846	5.099803	-0.58207
ENSG0000064770	CCDC14	coiled-coil	ENSG0000022.22626	-0.71104	1.221668	-0.58203
ENSG0000053838	C11orf24	chromosom	ENSG0000012.51981	-0.92932	1.596808	-0.58199
ENSG000005064	PALM	paralemmi	ENSG0000012.51981	-0.92932	1.596808	-0.58199
ENSG0000055783	CMTR2	cap methyl	ENSG0000021.82516	0.689213	1.184523	0.581849
ENSG0000010152	ABI2	abl interac	ENSG0000088.55585	-0.42438	0.7296	-0.58166
ENSG0000011014	KDEL2	KDEL endo	ENSG0000061.4491	-0.4767	0.819649	-0.58159
ENSG000009258	MFHAS1	malignant	ENSG0000038.58463	-0.56507	0.971634	-0.58157
ENSG0000029970	SCHIP1	schwannor	ENSG0000025.05297	0.654689	1.125768	0.581549
ENSG000003778	KCNMA1	potassium	ENSG000009.843378	2.400299	4.128881	0.581344
ENSG0000051526	OSER1	oxidative s	ENSG0000028.39769	0.623767	1.073196	0.581224
ENSG0000051805	COQ3	coenzyme	ENSG0000016.89418	0.773265	1.330522	0.581175
ENSG00000233559			ENSG0000016.89418	0.773265	1.330522	0.581175
ENSG000005713	PSMD7	proteasom	ENSG0000045.1301	0.520697	0.895984	0.581145
ENSG0000064118	DUS1L	dihydrouri	ENSG0000017.45222	-0.80135	1.379344	-0.58097
ENSG00000284371	ZNF841	zinc finger	ENSG0000017.45222	-0.80135	1.379344	-0.58097
ENSG00000498	ATP5F1A	ATP syntha	ENSG000001359.198	0.302919	0.52173	0.580605
ENSG0000051479	ANKFY1	ankyrin re	ENSG0000090.95542	-0.42555	0.733217	-0.58038
ENSG000004174	MCM5	minichrom	ENSG0000013.78957	0.834065	1.437428	0.580248
ENSG0000023492	CBX7	chromobo	ENSG0000070.73064	-0.46322	0.798519	-0.5801
ENSG0000010084	PQBP1	polyglutar	ENSG0000018.55837	0.737721	1.271796	0.580063
ENSG0000063925	ZNF335	zinc finger	ENSG0000019.88449	-0.75729	1.3056	-0.58004
ENSG0000056034	PDGFC	platelet de	ENSG0000023.38878	0.674713	1.163284	0.580007
ENSG0000063894	VIPAS39	VPS33B int	ENSG0000016.99475	0.76248	1.314703	0.579964
ENSG0000083706	FERMT3	fermitin fa	ENSG0000018.20736	2.577079	4.44598	0.579642
ENSG00000653784	MZT2A	mitotic spi	ENSG0000015.39216	0.794585	1.371185	0.579488
ENSG000009677	PPIP5K1	diphospho	ENSG0000015.39216	0.794585	1.371185	0.579488
ENSG0000010743	RAI1	retinoic aci	ENSG0000024.5743	-0.67807	1.170757	-0.57917
ENSG0000054491	OTULINL	OTU deubi	ENSG000008.88122	1.057676	1.826298	0.579137
ENSG0000010847	SRCAP	Snf2 relate	ENSG000009.004415	1.021316	1.76364	0.579095
ENSG00000131870	NUDT16	nudix hydr	ENSG00000126.9773	0.378548	0.653881	0.578925
ENSG0000080144	FRAS1	Fraser extr	ENSG0000019.77764	-0.74504	1.287755	-0.57856
ENSG000006510	SLC1A5	solute carr	ENSG0000012.54871	-0.94246	1.630304	-0.57809
ENSG0000011043	MID2	midline 2	ENSG0000012.54871	-0.94246	1.630304	-0.57809
ENSG000001315	COPB1	coatomer p	ENSG0000079.11032	0.430398	0.744788	0.57788
ENSG0000055120	FANCL	FA comple	ENSG0000016.95578	0.764465	1.32318	0.577748
ENSG00000255104	TMCO4	transmeml	ENSG0000012.0864	0.899077	1.556212	0.577734
ENSG0000010371	SEMA3A	semaphori	ENSG0000010.42221	0.981658	1.699823	0.577506
ENSG0000029093	MRPL22	mitochond	ENSG0000012.45821	-0.92093	1.594929	-0.57741
ENSG00000125170	MIEF2	mitochond	ENSG0000012.45821	-0.92093	1.594929	-0.57741
ENSG0000010127	ZNF263	zinc finger	ENSG0000017.368	-0.79136	1.37111	-0.57716
ENSG000007594	ZNF43	zinc finger	ENSG0000017.368	-0.79136	1.37111	-0.57716
ENSG0000011276	SYNRG	synergini g	ENSG0000068.24056	-0.45908	0.795438	-0.57714
ENSG0000084193	SETD3	SET domai	ENSG00000128.8036	0.375683	0.651049	0.577043
ENSG00000133308	SLC9B2	solute carr	ENSG000009.886402	-1.02917	1.78378	-0.57696
ENSG0000011073	TOPBP1	DNA topoi	ENSG0000029.27039	-0.62875	1.089859	-0.57691
ENSG0000081631	MAP1LC3B	microtubul	ENSG00000111.2393	-0.40094	0.695034	-0.57686

ENSG00000184298	LLPH	LLP homol	ENSG0000019902749	-1.02581	1.778903	-0.57665
ENSG0000019825	SPATA2	spermatog	ENSG0000019902749	-1.02581	1.778903	-0.57665
ENSG00000154919	DNAAF5	dynein axo	ENSG000001505265	-0.85676	1.48602	-0.57655
ENSG00000160681	FKBP10	FK506 bind	ENSG000001246449	-0.92895	1.612665	-0.57603
ENSG00000111216	AKAP10	A-kinase ar	ENSG000001382106	0.560779	0.973749	0.575897
ENSG0000017227	TRPS1	transcripti	ENSG0000014809621	-0.53727	0.933944	-0.57527
ENSG0000015875	RABGGTA	Rab gerany	ENSG000001137506	0.836356	1.454183	0.575138
ENSG0000014359	MPZ	myelin pro	ENSG0000017353563	-1.22797	2.135204	-0.57511
ENSG00000151206	GP6	glycoprote	ENSG000001610722	1.187501	2.065404	0.574948
ENSG00000156925	LXN	latexin	ENSG0000017586617	1.077177	1.873906	0.57483
ENSG000001126017	ZNF813	zinc finger	ENSG0000017586617	1.077177	1.873906	0.57483
ENSG0000017337	UBE3A	ubiquitin p	ENSG0000011665824	0.355476	0.618536	0.574705
ENSG000001379025	PSMA3-AS	PSMA3 ant	ENSG0000014341059	0.526553	0.916269	0.574671
ENSG00000192104	TTC30A	tetratricop	ENSG0000017224089	-1.18759	2.066684	-0.57464
ENSG0000017186	TRAF2	TNF recept	ENSG0000017224089	-1.18759	2.066684	-0.57464
ENSG000001128826	MIR1-1HG	MIR1-1 ho	ENSG0000017224089	-1.18759	2.066684	-0.57464
ENSG0000015428	POLG	DNA polyn	ENSG0000014535975	-0.52492	0.91387	-0.57439
ENSG0000019404	LPXN	leupaxin	ENSG0000011060701	0.936471	1.630813	0.574236
ENSG00000123648	SSBP3	single strar	ENSG0000014305695	-0.53601	0.933491	-0.5742
ENSG0000012037	EPB41L2	erythrocyt	ENSG0000011308381	-0.37639	0.655976	-0.57379
ENSG00000179639	TMEM53	transmembr	ENSG0000014561777	-1.58022	2.754455	-0.5737
ENSG00000111005	SPINK5	serine pep	ENSG0000014561777	-1.58022	2.754455	-0.5737
ENSG0000010251034			ENSG0000014422234	-1.54341	2.690413	-0.57367
ENSG000001286319	TUSC1	tumor sup	ENSG0000014422234	-1.54341	2.690413	-0.57367
ENSG000001493861	EID3	EP300 inte	ENSG0000014422234	-1.54341	2.690413	-0.57367
ENSG00000163916	ELMO2	engulfmen	ENSG0000014311227	-0.53647	0.935162	-0.57367
ENSG00000191445	RNF185	ring finger	ENSG0000012210306	-0.70127	1.222572	-0.5736
ENSG000001324	APC	APC, WNT	ENSG0000011424641	0.369008	0.643475	0.573462
ENSG0000015723	PSPH	phosphose	ENSG000001732466	-1.20635	2.104586	-0.5732
ENSG0000016327	SCN2B	sodium vol	ENSG0000012204748	0.845478	1.475031	0.573194
ENSG000001100293516	ZNF587B	zinc finger	ENSG0000011973239	-0.738	1.287551	-0.57318
ENSG0000018976	WASL	Wiskott-Al	ENSG0000015897786	-0.47659	0.831541	-0.57314
ENSG00000123333	DPY19L1	dpy-19 like	ENSG0000016217049	0.461767	0.805741	0.573096
ENSG00000110413	YAP1	Yes associa	ENSG0000011064427	-0.40002	0.69803	-0.57307
ENSG000001151877	MAGI1-IT1	MAGI1 intr	ENSG0000014399609	-1.52888	2.668165	-0.57301
ENSG00000184948	TIGD5	tigger tran	ENSG0000014399609	-1.52888	2.668165	-0.57301
ENSG00000179104	MEG8	maternally	ENSG0000014399609	-1.52888	2.668165	-0.57301
ENSG00000179968	WDR76	WD repeat	ENSG0000014399609	-1.52888	2.668165	-0.57301
ENSG00000110622	POLR3G	RNA polym	ENSG000001323265	1.621184	2.829986	0.57286
ENSG000001220965	FAM13C	family with	ENSG0000011487413	-0.84217	1.470708	-0.57263
ENSG00000157661	PHRF1	PHD and ri	ENSG0000013611339	-0.57107	0.997507	-0.5725
ENSG00000184069	PLEKHN1	pleckstrin	ENSG0000011614101	-2.74655	4.797566	-0.57249
ENSG0000010225632			ENSG0000011614101	-2.74655	4.797566	-0.57249
ENSG0000010188004			ENSG0000011614101	-2.74655	4.797566	-0.57249
ENSG0000010207044			ENSG0000011614101	-2.74655	4.797566	-0.57249
ENSG0000010256657			ENSG0000011614101	-2.74655	4.797566	-0.57249
ENSG00000123426	GRIP1	glutamate	ENSG0000011614101	-2.74655	4.797566	-0.57249

ENSG00000259969			ENSG000001614101	-2.74655	4.797566	-0.57249
ENSG00000224578			ENSG000001614101	-2.74655	4.797566	-0.57249
ENSG00000642938	INSYN2	inhibitory s	ENSG000004627823	1.371518	2.395928	0.572437
ENSG0000010569	SLU7	SLU7 homc	ENSG0000069.04095	0.443235	0.774477	0.572302
ENSG000002329	FMO4	flavin cont	ENSG000004.500179	-1.55834	2.724641	-0.57194
ENSG0000079864	JHY	junctional c	ENSG000004.500179	-1.55834	2.724641	-0.57194
ENSG000001656	DDX6	DEAD-box	ENSG00000300.3114	-0.32244	0.5638	-0.57191
ENSG000007884	SLBP	stem-loop	ENSG0000012.2096	0.873722	1.52779	0.571886
ENSG0000028974	C19orf53	chromosor	ENSG0000030.19136	0.594786	1.040079	0.571866
ENSG0000051663	ZFR	zinc finger	ENSG00000156.5193	0.355947	0.622637	0.571676
ENSG00000101060200	ZNF891	zinc finger	ENSG0000012.38027	-0.91517	1.601476	-0.57145
ENSG00000339263	C17orf51	chromosor	ENSG0000012.35764	-0.90964	1.591807	-0.57145
ENSG00000201292	TRIM65	tripartite n	ENSG0000012.35764	-0.90964	1.591807	-0.57145
ENSG0000025829	TMEM184l	transmeml	ENSG0000033.94386	-0.59162	1.035726	-0.57122
ENSG000006347	CCL2	C-C motif c	ENSG0000020.30561	-0.79939	1.399966	-0.57101
ENSG00000122553	TRAPPC6B	trafficking	ENSG0000041.94754	0.523871	0.917463	0.571
ENSG00000253039	CUTALP	cutA divale	ENSG000004.650448	1.335893	2.340696	0.570725
ENSG0000084957	RELT	RELT, TNF r	ENSG000004.650448	1.335893	2.340696	0.570725
ENSG0000085415	RHPN2	rhopilin R	ENSG000004.650448	1.335893	2.340696	0.570725
ENSG00000223509			ENSG000009.127611	0.986352	1.728986	0.57048
ENSG0000055168	MRPS18A	mitochond	ENSG0000015.43113	0.792362	1.390572	0.56981
ENSG0000023158	TBC1D9	TBC1 domæ	ENSG0000054.62245	-0.49451	0.867903	-0.56978
ENSG000005514	PPP1R10	protein ph	ENSG0000057.16158	0.469523	0.824066	0.569763
ENSG0000024149	ZNF318	zinc finger	ENSG0000045.30443	-0.52444	0.920577	-0.56969
ENSG00000143884	CWF19L2	CWF19 like	ENSG0000026.76018	-0.64149	1.126897	-0.56926
ENSG000002014	EMP3	epithelial r	ENSG0000017.07898	0.747063	1.312877	0.569027
ENSG0000064400	AKTIP	AKT intera	ENSG0000055.30004	0.484887	0.852244	0.568953
ENSG00000548644	POLR2J3	RNA polym	ENSG000009.802179	-1.01187	1.778574	-0.56892
ENSG000001051	CEBPB	CCAAT enh	ENSG0000020.24519	0.702539	1.234932	0.568889
ENSG0000023358	USP24	ubiquitin s	ENSG00000217.3746	-0.33439	0.58784	-0.56885
ENSG0000026000	TBC1D10B	TBC1 domæ	ENSG0000025.13719	0.6448	1.13376	0.568727
ENSG00000284119	CAVIN1	caveolæ a	ENSG00000329.9321	-0.32252	0.567226	-0.5686
ENSG000008943	AP3D1	adaptor rel	ENSG00000107.4609	-0.41768	0.734742	-0.56847
ENSG00000311	ANXA11	annexin A1	ENSG00000349.5736	0.311706	0.54834	0.568455
ENSG0000090488	TMEM263	transmeml	ENSG0000043.6507	0.516828	0.909474	0.568271
ENSG00000689	BTF3	basic trans	ENSG00000175.5444	0.345973	0.609101	0.568006
ENSG000008396	PIP4K2B	phosphatic	ENSG0000095.35739	-0.41488	0.730805	-0.5677
ENSG00000272789			ENSG000004.438582	-1.53633	2.707751	-0.56738
ENSG00000279608			ENSG000004.438582	-1.53633	2.707751	-0.56738
ENSG000004860	PNP	purine nuc	ENSG000004.438582	-1.53633	2.707751	-0.56738
ENSG000003835	KIF22	kinesin fan	ENSG000004.438582	-1.53633	2.707751	-0.56738
ENSG00000117	ADCYAP1R	ADCYAP re	ENSG0000012.2712	0.861272	1.518	0.567373
ENSG0000023510	KCTD2	potassium	ENSG0000066.05717	-0.4699	0.828233	-0.56735
ENSG00000136371	ASB10	ankyrin re	ENSG000009.941722	-1.02963	1.814958	-0.5673
ENSG0000051107	APH1A	aph-1 hom	ENSG0000040.62468	-0.54061	0.953169	-0.56718
ENSG000006506	SLC1A2	solute carr	ENSG0000012.33502	-0.90404	1.594178	-0.56709
ENSG00000466	ATF1	activating t	ENSG0000023.63517	0.650018	1.146878	0.566772

ENSG0000018725	URI1	URI1, pref	ENSG00000160.63578	0.457712	0.807653	0.566719
ENSG000001847	DUSP5	dual specif	ENSG00000113.87379	0.81452	1.437311	0.566697
ENSG00000268912			ENSG0000017.162492	-1.17362	2.071489	-0.56656
ENSG00000151635	DHRS7	dehydroge	ENSG00000121.97098	0.670986	1.184497	0.566474
ENSG00000154739	XAF1	XIAP assoc	ENSG00000121.97098	0.670986	1.184497	0.566474
ENSG00000154436	SH3TC1	SH3 domai	ENSG0000017.648215	1.056102	1.864563	0.566407
ENSG0000018818	DPM2	dolichyl-ph	ENSG0000017.648215	1.056102	1.864563	0.566407
ENSG0000018453	CUL2	cullin 2	ENSG00000141.96389	0.525025	0.927308	0.566181
ENSG000001388969	C2orf68	chromosor	ENSG00000129.06925	-0.6184	1.092274	-0.56616
ENSG000001162	AP1B1	adaptor rel	ENSG00000147.52927	-0.51258	0.905396	-0.56614
ENSG000001754	PTTG1IP	PTTG1 inte	ENSG000001161.9267	0.350025	0.618372	0.566042
ENSG00000151015	ISOC1	isochorism	ENSG00000143.62808	0.518961	0.916892	0.566
ENSG000001283459	GATC	glutamyl-tf	ENSG00000117.32903	-0.78902	1.394756	-0.5657
ENSG0000017139	TNNT2	troponin T	ENSG0000014301.015	0.277568	0.490688	0.565671
ENSG00000271430			ENSG00000117.22218	-0.77505	1.370662	-0.56545
ENSG000001140685	ZBTB46	zinc finger	ENSG00000114.81254	-0.83503	1.477507	-0.56516
ENSG00000184665	MYPN	myopalladi	ENSG000001332.2982	-0.3504	0.620086	-0.56508
ENSG00000184317	CCDC115	coiled-coil	ENSG00000115.51536	0.775255	1.372109	0.56501
ENSG000001117584	RFFL	ring finger	ENSG00000115.51536	0.775255	1.372109	0.56501
ENSG00000260244			ENSG00000131.97874	0.574129	1.016216	0.564967
ENSG00000190865	IL33	interleukin	ENSG00000145.34968	-0.52735	0.933685	-0.56481
ENSG0000013096	HIVEP1	human imr	ENSG00000149.83835	-0.50542	0.895072	-0.56467
ENSG00000156890	MDM1	Mdm1 nuc	ENSG0000017.625589	1.074154	1.902405	0.56463
ENSG000001401612	SLC25A53	solute carr	ENSG00000110.7302	0.907485	1.60727	0.564613
ENSG00000126091	HERC4	HECT and F	ENSG00000177.39708	0.43073	0.763033	0.564497
ENSG00000193974	ATP5IF1	ATP syntha	ENSG00000155.36163	0.482313	0.854565	0.564396
ENSG00000123389	MED13L	mediator c	ENSG000001238.0067	-0.33553	0.594878	-0.56404
ENSG00000126471	NUPR1	nuclear prc	ENSG00000141.21464	0.562133	0.996688	0.564001
ENSG0000016330	SCN4B	sodium vol	ENSG00000115.15322	-0.8669	1.537334	-0.5639
ENSG00000110233	LRRC23	leucine ricl	ENSG0000017.201464	-1.17834	2.090304	-0.56372
ENSG00000184915	FAM222A	family with	ENSG0000017.201464	-1.17834	2.090304	-0.56372
ENSG0000019403	SELENOF	selenoprot	ENSG00000142.07074	0.517151	0.917481	0.563664
ENSG00000156993	TOMM22	translocase	ENSG00000142.07074	0.517151	0.917481	0.563664
ENSG00000110892	MALT1	MALT1 par	ENSG00000145.15233	-0.51593	0.915331	-0.56366
ENSG00000164083	GOLPH3	golgi phos	ENSG00000156.63609	-0.482	0.855213	-0.5636
ENSG0000012070	EYA4	EYA transci	ENSG00000136.92423	-0.60839	1.079934	-0.56336
ENSG000001904	CCNT1	cyclin T1	ENSG00000156.52924	-0.47765	0.847969	-0.56329
ENSG000001127253	TYW3	tRNA- γ W s	ENSG00000126.67596	-0.63478	1.127504	-0.56299
ENSG00000154887	UHRF1BP1	UHRF1 bin	ENSG000001105.9888	-0.39168	0.696589	-0.56228
ENSG00000129103	DNAJC15	DnaJ heat s	ENSG00000159.03318	0.457941	0.814962	0.561917
ENSG00000156672	AKIP1	A-kinase in	ENSG00000112.3328	0.84895	1.510827	0.561911
ENSG000001254048	UBN2	ubinnuclein	ENSG00000192.46124	-0.40506	0.720881	-0.56189
ENSG0000019696	CROCC	ciliary root	ENSG0000014.338011	-1.50678	2.682516	-0.56171
ENSG000001129831	RBM45	RNA bindir	ENSG0000014.338011	-1.50678	2.682516	-0.56171
ENSG000001199221	DZIP1L	DAZ intera	ENSG0000014.338011	-1.50678	2.682516	-0.56171
ENSG000001441194	PMS2CL	PMS2 C-te	ENSG0000014.338011	-1.50678	2.682516	-0.56171
ENSG00000151700	CYB5R2	cytochrom	ENSG0000014.338011	-1.50678	2.682516	-0.56171

ENSG00000179190	IRX6	iroquois hc	ENSG0000014338011	-1.50678	2.682516	-0.56171
ENSG00000260884			ENSG0000014338011	-1.50678	2.682516	-0.56171
ENSG00000114112	TXNRD3	thioredoxin	ENSG0000017207742	-1.19184	2.122158	-0.56162
ENSG0000015360	PLTP	phospholip	ENSG0000017052087	-0.52816	0.940444	-0.56161
ENSG0000017520	XRCC5	X-ray repair	ENSG0000012312159	0.32419	0.577341	0.561523
ENSG00000125973	PARS2	prolyl-tRNA	ENSG0000016168818	1.160349	2.066757	0.561435
ENSG0000016356	CCL11	C-C motif c	ENSG0000016168818	1.160349	2.066757	0.561435
ENSG00000184867	PTPN5	protein tyros	ENSG0000012127342	-0.89553	1.59532	-0.56135
ENSG0000017873	MANF	mesencephal	ENSG0000013193539	0.803747	1.431985	0.561282
ENSG000001493812	HCG11	HLA complex	ENSG0000013193539	0.803747	1.431985	0.561282
ENSG00000183464	APH1B	aph-1 homolog	ENSG0000011704	0.749199	1.335583	0.560953
ENSG0000015954	RCN1	reticulocalc	ENSG0000014545652	-0.53265	0.949678	-0.56087
ENSG00000179363	CPLANE2	ciliogenesis	ENSG0000014376984	-1.51414	2.699882	-0.56082
ENSG0000018703	B4GALT3	beta-1,4-gal	ENSG0000011878214	0.712191	1.269992	0.560784
ENSG000001376940	ZC3H6	zinc finger	ENSG0000019255802	-0.40863	0.728822	-0.56068
ENSG000001262	AMD1	adenosylmeth	ENSG0000011355245	0.372007	0.663606	0.560585
ENSG000001783	CACNB2	calcium volta	ENSG0000018815108	-0.41402	0.738712	-0.56046
ENSG000001965	CD58	CD58 molecule	ENSG0000012531571	0.634279	1.131733	0.560449
ENSG00000127245	AHDC1	AT-hook domain	ENSG0000013134942	-0.59355	1.059166	-0.56039
ENSG000001100302692	FTX	FTX transcrip	ENSG0000011959285	-0.72863	1.300334	-0.56034
ENSG00000157707	MEAK7	MTOR associa	ENSG0000011228755	0.868588	1.550351	0.560252
ENSG00000122902	RUFY3	RUN and F-box	ENSG0000015192745	-0.48771	0.870701	-0.56014
ENSG00000156674	TMEM9B	TMEM9 domain	ENSG0000013037615	0.580656	1.036709	0.560095
ENSG0000010078319			ENSG0000014712046	1.29894	2.320159	0.559849
ENSG000001150076			ENSG0000014712046	1.29894	2.320159	0.559849
ENSG00000123284	ADGRL3	adhesion GPCR	ENSG000001195476	-0.72154	1.289089	-0.55973
ENSG000001124454	EARS2	glutamyl-tRNA	ENSG0000012871196	0.592862	1.059838	0.55939
ENSG000001116985	ARAP1	ArfGAP with	ENSG0000017958675	0.415933	0.743628	0.559329
ENSG00000111016	ATF7	activating trans	ENSG0000013127148	-0.59091	1.056721	-0.55919
ENSG00000123545	ATP6V0A2	ATPase H+ trans	ENSG0000013127148	-0.59091	1.056721	-0.55919
ENSG00000127068	PPA2	pyrophosphat	ENSG0000014720913	0.49323	0.882221	0.559078
ENSG00000181537	SGPP1	sphingosin phosph	ENSG0000011713796	-0.76479	1.368225	-0.55896
ENSG00000111070	TMEM115	transmembrane	ENSG0000011716058	-0.76882	1.375477	-0.55895
ENSG00000125959	KANK2	KN motif a	ENSG0000013164885	-0.31022	0.555008	-0.55895
ENSG0000015906	RAP1A	RAP1A, member	ENSG0000017664718	-0.42591	0.76219	-0.5588
ENSG00000164420	SUSD1	sushi domain	ENSG000001268856	0.618747	1.107517	0.55868
ENSG00000128992	MACROD1	MACRO domain	ENSG0000012462962	-0.67886	1.21575	-0.55839
ENSG0000012595	GANC	glucosidase	ENSG0000013525181	0.554505	0.993062	0.558379
ENSG00000179850	FAM57A	family with	ENSG0000014360636	-1.52134	2.724667	-0.55836
ENSG00000160492	CCDC90B	coiled-coil	ENSG000001171016	0.740502	1.326338	0.558306
ENSG00000156945	MRPS22	mitochondrial	ENSG0000013675762	0.564295	1.010996	0.558157
ENSG00000157109	REXO4	REX4 homolog	ENSG0000011474466	-0.821	1.470922	-0.55815
ENSG0000011263	PLK3	polo like kinase	ENSG0000019717955	-0.9943	1.781737	-0.55805
ENSG00000184750	FUT10	fucosyltransfer	ENSG0000019717955	-0.9943	1.781737	-0.55805
ENSG0000012313	FLI1	Fli-1 proto-onc	ENSG0000016051886	0.460335	0.825153	0.557879
ENSG00000151058	ZNF691	zinc finger	ENSG0000017100894	-1.15952	2.078556	-0.55785
ENSG000001285855	RPL7L1	ribosomal	ENSG0000019810275	0.39758	0.712754	0.557808

ENSG000001347344	ZNF81	zinc finger	ENSG0000012046895	20.46895	0.67924	1.217753	0.557781
ENSG0000014943	TBC1D25	TBC1 domain	ENSG0000012046895	20.46895	0.67924	1.217753	0.557781
ENSG0000010140	ADORA3	adenosine	ENSG0000013255275	3.255275	1.562013	2.800674	0.557727
ENSG0000010225963			ENSG0000013255275	3.255275	1.562013	2.800674	0.557727
ENSG000001055315	SLC29A3	solute carrier	ENSG0000013255275	3.255275	1.562013	2.800674	0.557727
ENSG00000106932	TCF7	transcription factor	ENSG0000019763206	9.763206	-1.00818	1.807755	-0.5577
ENSG000001146059	CDAN1	codanin 1	ENSG0000019763206	9.763206	-1.00818	1.807755	-0.5577
ENSG000001051150	SDF4	stromal cell derived factor 4	ENSG0000015637714	56.37714	-0.47087	0.844482	-0.55758
ENSG00000102058	EPRS	glutamyl-prolyl isomerase	ENSG0000011245532	124.5532	-0.38632	0.693	-0.55746
ENSG00000108161	COIL	coilin	ENSG0000011223445	12.23445	-0.89264	1.602226	-0.55713
ENSG000001057129	MRPL47	mitochondrial ribosomal protein L47	ENSG0000012189564	21.89564	-0.6833	1.226638	-0.55705
ENSG000001079763	ISOC2	isochorismate mutase	ENSG0000011557695	15.57695	0.765652	1.374831	0.556906
ENSG000001055326	AGPAT5	1-acylglycerol 3-phosphate acyltransferase 5	ENSG0000016068247	6.068247	1.191001	2.139353	0.556711
ENSG000001093973	ACTR8	ARP8 actin-binding protein	ENSG0000014388075	43.88075	0.502849	0.903494	0.55656
ENSG000001051218	GLRX5	glutaredoxin 5	ENSG0000013709451	37.09451	0.53869	0.967954	0.556525
ENSG0000010348801	LNP1	leukemia-inhibitory factor 1	ENSG0000017709812	7.709812	1.035296	1.860911	0.556338
ENSG0000010643911	CRNDE	colorectal cancer-related nuclear domain 5	ENSG0000017709812	7.709812	1.035296	1.860911	0.556338
ENSG00000101730	DIAPH2	diaphanous GTPase domain 2	ENSG0000015858565	58.58565	-0.46378	0.834232	-0.55593
ENSG000001051119	SBDS	SBDS, ribosome biogenesis defect 1	ENSG0000011292675	129.2675	0.368285	0.662481	0.555918
ENSG000001051069	MRPL2	mitochondrial ribosomal protein L2	ENSG0000011711533	17.11533	-0.7607	1.368532	-0.55585
ENSG00000101911	PHC1	polyhomeotic protein 1	ENSG0000011952497	19.52497	-0.71796	1.293022	-0.55525
ENSG00000105871	MAP4K2	mitogen-activated protein kinase 4	ENSG0000011221182	12.21182	-0.88698	1.597495	-0.55523
ENSG000001058480	RHOU	ras homolog family member H	ENSG000001315078	31.5078	-0.60861	1.096183	-0.55521
ENSG00000106300	MAPK12	mitogen-activated protein kinase 12	ENSG0000011399699	13.99699	0.793056	1.428573	0.555139
ENSG00000109685	CLINT1	clathrin interacting protein 1	ENSG0000018137414	81.37414	0.411421	0.741159	0.555105
ENSG00000109338	TCEAL1	transcription factor 1	ENSG0000011377322	13.77322	0.82822	1.493067	0.554711
ENSG00000107905	REEP5	receptor expression modulator 5	ENSG0000011468811	146.8811	0.350355	0.631674	0.554645
ENSG000001057380	MRS2	magnesium transporter 2	ENSG0000015565328	55.65328	0.468971	0.845772	0.554488
ENSG0000010712	C1QA	complement component 1qA	ENSG0000017179927	71.79927	1.299772	2.344675	0.554351
ENSG000001056907	SPIRE1	spire type 1	ENSG000001642269	64.2269	0.444694	0.802393	0.55421
ENSG00000104170	MCL1	MCL1, BCL2-like 1	ENSG0000013469177	346.9177	0.305825	0.552226	0.553803
ENSG000001081502	HM13	histocompatibility protein 13	ENSG0000013599647	35.99647	-0.56737	1.024683	-0.55371
ENSG0000010677	ZFP36L1	ZFP36 ring finger protein 1	ENSG000001943781	94.3781	-0.39588	0.715643	-0.55318
ENSG00000100273557			ENSG0000014315386	4.315386	-1.49171	2.698294	-0.55283
ENSG000001026240	FAM50B	family with sequence similarity 50B	ENSG0000014315386	4.315386	-1.49171	2.698294	-0.55283
ENSG00000100279029			ENSG0000014315386	4.315386	-1.49171	2.698294	-0.55283
ENSG000001010858	CYP46A1	cytochrome P450 46A1	ENSG0000014315386	4.315386	-1.49171	2.698294	-0.55283
ENSG000001056623	INPP5E	inositol polyphosphate 5-phosphatase E	ENSG0000011464409	14.64409	-0.81131	1.468602	-0.55243
ENSG000001051390	AIG1	androgen-inducible protein 1	ENSG0000014904176	49.04176	0.479391	0.867986	0.552302
ENSG000001023365	ARHGEF12	Rho guanine nucleotide exchange factor 12	ENSG0000015010993	501.0993	-0.28874	0.522916	-0.55217
ENSG000001090416	CCDC32	coiled-coil domain containing 32	ENSG0000019678983	9.678983	-0.99073	1.794805	-0.552
ENSG00000106649	SOD3	superoxide dismutase 3	ENSG0000011556061	15.56061	0.760409	1.377921	0.551852
ENSG00000102806	GOT2	glutamic-oxaloacetic transaminase 2	ENSG000001372019	372.019	0.309615	0.561462	0.551445
ENSG000001055718	POLR3E	RNA polymerase III subunit epsilon	ENSG0000014033304	40.33304	-0.52612	0.954165	-0.55139
ENSG00000100277452			ENSG0000013316873	3.316873	1.50534	2.730084	0.551389
ENSG00000104794	NFKBIE	NF-kappa-B inhibitor epsilon	ENSG0000013316873	3.316873	1.50534	2.730084	0.551389
ENSG0000010414328	IDNK	IDNK, glucocorticoid-inducible nuclear factor	ENSG0000013316873	3.316873	1.50534	2.730084	0.551389

ENSG00000181029	WNT5B	Wnt family	ENSG000003316873	1.50534	2.730084	0.551389
ENSG00000270039			ENSG000003316873	1.50534	2.730084	0.551389
ENSG00000105371743	LINC02001	long interg	ENSG000003316873	1.50534	2.730084	0.551389
ENSG00000105221694	BISPR	BST2 interf	ENSG000003316873	1.50534	2.730084	0.551389
ENSG00000128497	SPATA25	spermatog	ENSG000003316873	1.50534	2.730084	0.551389
ENSG00000224003			ENSG000003316873	1.50534	2.730084	0.551389
ENSG000002882	GPX7	glutathionε	ENSG000006191443	1.13658	2.062422	0.55109
ENSG00000284004	HEXD	hexosamin	ENSG000006191443	1.13658	2.062422	0.55109
ENSG0000023163	GGA3	golgi assoc	ENSG000004376383	0.506091	0.91836	0.551081
ENSG0000055320	MIS18BP1	MIS18 binc	ENSG000002534461	0.623585	1.132006	0.550868
ENSG0000051705	EMCN	endomucir	ENSG000007665725	-0.42468	0.771702	-0.55032
ENSG00000118429	ANTXR2	ANTXR cell	ENSG000008770277	0.412848	0.750517	0.550084
ENSG0000081627	TRMT1L	tRNA meth	ENSG000003372088	0.561271	1.020342	0.550081
ENSG00000252839	TMEM9	transmeml	ENSG00000969533	-0.98724	1.794826	-0.55004
ENSG00000200916	RPL22L1	ribosomal	ENSG000006006649	1.219794	2.218294	0.549879
ENSG000007716	VEZF1	vascular er	ENSG000001193791	0.365476	0.664751	0.549794
ENSG00000826	CAPNS1	calpain sm	ENSG000001937552	0.32844	0.597496	0.549695
ENSG000006574	SLC20A1	solute carr	ENSG000001944703	-0.71405	1.299142	-0.54963
ENSG00000222194	RSBN1L	round sper	ENSG000003117091	-0.58601	1.066229	-0.54961
ENSG000009767	JADE3	jade family	ENSG00000194244	-0.71047	1.29285	-0.54954
ENSG0000084179	SLC49A3	solute carr	ENSG000004276413	-1.48433	2.701945	-0.54936
ENSG00000349075	ZNF713	zinc finger	ENSG000004276413	-1.48433	2.701945	-0.54936
ENSG0000057194	ATP10A	ATPase ph	ENSG000004276413	-1.48433	2.701945	-0.54936
ENSG00000147991	DPY19L3	dpy-19 like	ENSG000001468934	-0.82062	1.493941	-0.5493
ENSG000008243	SMC1A	structural r	ENSG000001215879	-0.37933	0.690846	-0.54908
ENSG0000056006	SMG9	SMG9, non	ENSG00000121892	-0.88129	1.60512	-0.54905
ENSG00000278576			ENSG000007039296	-1.14527	2.088029	-0.54849
ENSG000003661	IRF3	interferon	ENSG000007039296	-1.14527	2.088029	-0.54849
ENSG00000113391335	LOC113391	uncharacte	ENSG000001367709	-2.51895	4.593076	-0.54842
ENSG00000100874278	ERI3-IT1	ERI3 intron	ENSG000001367709	-2.51895	4.593076	-0.54842
ENSG00000280378			ENSG000001367709	-2.51895	4.593076	-0.54842
ENSG00000645030	NFIA-AS1	NFIA antisε	ENSG000001367709	-2.51895	4.593076	-0.54842
ENSG00000234383			ENSG000001367709	-2.51895	4.593076	-0.54842
ENSG00000100506474	LOC100506	uncharacte	ENSG000001367709	-2.51895	4.593076	-0.54842
ENSG00000271590			ENSG000001367709	-2.51895	4.593076	-0.54842
ENSG00000225398			ENSG000001367709	-2.51895	4.593076	-0.54842
ENSG00000233611			ENSG000001367709	-2.51895	4.593076	-0.54842
ENSG00000271964			ENSG000001367709	-2.51895	4.593076	-0.54842
ENSG00000282978			ENSG000001367709	-2.51895	4.593076	-0.54842
ENSG000001427	CRYGS	crystallin g	ENSG000001367709	-2.51895	4.593076	-0.54842
ENSG0000084740	AFAP1-AS1	AFAP1 anti	ENSG000001367709	-2.51895	4.593076	-0.54842
ENSG00000249373			ENSG000001367709	-2.51895	4.593076	-0.54842
ENSG00000248873			ENSG000001367709	-2.51895	4.593076	-0.54842
ENSG00000206338	LVRN	laeverin	ENSG000001367709	-2.51895	4.593076	-0.54842
ENSG00000248923			ENSG000001367709	-2.51895	4.593076	-0.54842
ENSG00000105377708	LOC105377	uncharacte	ENSG000001367709	-2.51895	4.593076	-0.54842
ENSG00000256227	STEAP1B	STEAP fam	ENSG000001367709	-2.51895	4.593076	-0.54842

ENSG0000I	ENSG0000I	223075	ITPRID1	ITPR intera	ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG0000I	22932	POMZP3	POM121 ai	ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG00000I	243107			ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG00000I	241026			ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG0000I	10050715	LOC100507	uncharacte	ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG00000I	251203			ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG0000I	10012875	C RBPMS-AS	RBPMS ant	ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG00000I	269924			ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG0000I	643763	NKAIN3-IT:	NKAIN3 int	ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG00000I	254557			ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG0000I	10192692	RDH10-AS:	RDH10 ant	ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG0000I	26233	FBXL6	F-box and l	ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG00000I	237768			ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG00000I	273372			ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG0000I	116535	MRGPRF	MAS relate	ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG0000I	10012849	LOC100128	uncharacte	ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG0000I	55138	FAM90A1	family with	ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG00000I	234428			ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG0000I	29951	PDZRN4	PDZ domai	ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG00000I	257298			ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG00000I	279581			ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG00000I	234535			ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG0000I	283507	SUGT1P3	SUGT1 pse	ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG00000I	229473			ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG00000I	214359			ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG00000I	258951			ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG00000I	274995			ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG00000I	259767			ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG0000I	65990	FAM173A	family with	ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG00000I	262118			ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG0000I	23594	ORC6	origin reco	ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG00000I	262777			ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG0000I	10192826	LOC101928	uncharacte	ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG0000I	9618	TRAF4	TNF recept	ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG00000I	269693			ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG0000I	10050737	LOC100507	uncharacte	ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG00000I	267375			ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG00000I	237788			ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG00000I	230982			ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG0000I	10050673	LINC01589	long interg	ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG00000I	196741			ENSG0000I	1.367709	-2.51895	4.593076	-0.54842
ENSG0000I	ENSG0000I	7832	BTG2	BTG anti-pi	ENSG0000I	110.319	0.380813	0.694387	0.548417
ENSG0000I	ENSG0000I	2702	GJA5	gap junctio	ENSG0000I	14.05858	0.782436	1.426993	0.548311
ENSG0000I	ENSG0000I	79875	THSD4	thrombosp	ENSG0000I	236.7926	-0.34269	0.625028	-0.54828
ENSG0000I	ENSG0000I	55764	IFT122	intraflagell	ENSG0000I	26.46854	-0.61974	1.130535	-0.54818
ENSG0000I	ENSG0000I	5708	PSMD2	proteasom	ENSG0000I	165.743	-0.34572	0.631139	-0.54777
ENSG0000I	ENSG0000I	26276	VPS33B	VPS33B, la	ENSG0000I	7.146144	-1.17764	2.150807	-0.54754

ENSG00000154841	BIVM	basic, imm	ENSG00000124.15947	-0.64544	1.178879	-0.5475
ENSG00000111345	GABARAPL	GABA type	ENSG00000188.49099	0.394556	0.721	0.547234
ENSG000001367	AR	androgen r	ENSG00000168.10481	-0.4535	0.828838	-0.54715
ENSG00000110904	BLCAP	BLCAP, apc	ENSG00000160.92114	-0.45788	0.837023	-0.54703
ENSG000001283489	CHAMP1	chromosom	ENSG00000119.46965	-0.71755	1.311725	-0.54703
ENSG0000018869	ST3GAL5	ST3 beta-g	ENSG00000110.62963	0.925496	1.692036	0.546972
ENSG00000151096	UTP18	UTP18, sm	ENSG00000110.62963	0.925496	1.692036	0.546972
ENSG00000110869	USP19	ubiquitin s	ENSG00000167.35557	-0.4343	0.794202	-0.54684
ENSG000001163882	CNST	consortin, c	ENSG00000180.96937	0.425266	0.777856	0.546716
ENSG0000014841	NONO	non-POU d	ENSG000001147.1564	0.34548	0.632017	0.54663
ENSG00000184706	GPT2	glutamic--p	ENSG00000127.32463	-0.67468	1.234924	-0.54633
ENSG00000192293	TMEM132	transmembr	ENSG0000017.547644	1.081477	1.9801	0.546173
ENSG0000018898	MTMR2	myotubula	ENSG00000131.08668	-0.58024	1.062388	-0.54616
ENSG0000015337	PLD1	phospholip	ENSG000001104.9582	0.394405	0.722398	0.545966
ENSG00000150810	HDGFL3	HDGF like 3	ENSG00000174.8016	0.412689	0.755889	0.545965
ENSG00000164168	NECAB1	N-terminal	ENSG00000128.89676	0.578021	1.058882	0.545879
ENSG00000180790	CMIP	c-Maf indu	ENSG00000128.75721	0.58584	1.073451	0.545754
ENSG000001157697	ERICH1	glutamate	ENSG00000114.01961	0.784697	1.438178	0.545618
ENSG00000151222	ZNF219	zinc finger	ENSG00000114.01961	0.784697	1.438178	0.545618
ENSG00000110325	RRAGB	Ras relatec	ENSG00000114.01961	0.784697	1.438178	0.545618
ENSG00000190324	CCDC97	coiled-coil	ENSG00000116.99213	-0.74814	1.371215	-0.5456
ENSG000001348487	FAM131C	family with	ENSG0000014.773644	1.262776	2.314626	0.545564
ENSG000001728323	LINC01881	long interg	ENSG0000014.773644	1.262776	2.314626	0.545564
ENSG0000015594	MAPK1	mitogen-act	ENSG000001169.7438	0.334295	0.613162	0.545198
ENSG00000155023	PHIP	pleckstrin l	ENSG000001141.0836	-0.35695	0.654738	-0.54519
ENSG00000164682	ANAPC1	anaphase p	ENSG00000128.79396	-0.59733	1.095662	-0.54518
ENSG0000015411	PNN	pinin, desn	ENSG00000151.62573	-0.47844	0.877691	-0.54511
ENSG0000016915	TBXA2R	thromboxa	ENSG0000014.482002	1.484976	2.725473	0.544851
ENSG0000013600	IL15	interleukin	ENSG0000017.77141	1.014705	1.862698	0.54475
ENSG00000190379	DCAF15	DDB1 and c	ENSG0000017.77141	1.014705	1.862698	0.54475
ENSG00000155212	BBS7	Bardet-Bie	ENSG0000019.633732	-0.97651	1.79363	-0.54443
ENSG00000157720	GPR107	G protein-c	ENSG00000169.54145	-0.42856	0.787277	-0.54436
ENSG0000017743	ZNF189	zinc finger	ENSG00000167.74007	0.434442	0.798152	0.54431
ENSG0000012923	PDIA3	protein dis	ENSG000001169.8116	0.33301	0.612021	0.544116
ENSG0000017334	UBE2N	ubiquitin c	ENSG00000154.287	0.456131	0.838347	0.544084
ENSG000001388561	ZNF761	zinc finger	ENSG00000112.1276	-0.87264	1.604765	-0.54378
ENSG00000130816	ERVW-1	endogenou	ENSG0000017.016671	-1.13562	2.088688	-0.5437
ENSG00000127257	LSM1	LSM1 hom	ENSG0000017.016671	-1.13562	2.088688	-0.5437
ENSG00000110367	MICU1	mitochond	ENSG00000147.50077	0.47746	0.878174	0.543696
ENSG00000179085	SLC25A23	solute carr	ENSG00000187.77522	-0.40521	0.745297	-0.54369
ENSG0000016433	SFSWAP	splicing fac	ENSG00000137.96865	-0.53583	0.985617	-0.54365
ENSG000001152815	THAP6	THAP dom	ENSG00000115.6838	0.741483	1.363953	0.543628
ENSG00000154503	ZDHHC13	zinc finger	ENSG0000017.732438	1.017683	1.872178	0.543583
ENSG0000018742	TNFSF12	TNF superf	ENSG0000017.732438	1.017683	1.872178	0.543583
ENSG00000155337	C19orf66	chromosom	ENSG0000017.732438	1.017683	1.872178	0.543583
ENSG00000156981	PRDM11	PR/SET dor	ENSG00000135.6822	-0.5493	1.010626	-0.54352
ENSG0000012583	B4GALNT1	beta-1,4-N	ENSG0000017.178839	-1.16957	2.151959	-0.54349

ENSG00000155760	DHX32	DEAH-box	ENSG00000140553	40.55053	-0.5334	0.981452	-0.54348
ENSG0000014801	NFYB	nuclear tra	ENSG00000156046	56.04653	-0.45949	0.845473	-0.54348
ENSG0000019448	MAP4K4	mitogen-ac	ENSG00000121653	216.5336	0.319063	0.58721	0.543355
ENSG00000151093	RRNAD1	ribosomal	ENSG00000109476	9.59476	-0.97294	1.790877	-0.54327
ENSG000001100288413	ERVMER34	endogenot	ENSG00000162530	6.253041	1.11037	2.043889	0.543263
ENSG00000164776	C11orf1	chromosom	ENSG00000162530	6.253041	1.11037	2.043889	0.543263
ENSG0000015692	PSMB4	proteasom	ENSG00000180024	80.02422	0.402302	0.740612	0.543203
ENSG00000179089	TMUB2	transmeml	ENSG00000122278	22.27897	0.638334	1.175527	0.54302
ENSG00000129997	NOP53	NOP53 rib	ENSG00000131216	31.21616	-0.59027	1.087407	-0.54282
ENSG000001283377	SPRYD4	SPRY doma	ENSG00000115722	15.72278	0.739396	1.363051	0.542457
ENSG0000017343	UBTF	upstream k	ENSG00000163123	63.12336	-0.45044	0.83041	-0.54243
ENSG0000011054	CEBPG	CCAAT enh	ENSG00000133467	33.46742	-0.56438	1.040474	-0.54242
ENSG00000179956	ERMP1	endoplasm	ENSG00000135753	35.75387	-0.54906	1.012361	-0.54235
ENSG0000011240	CMKLR1	chemerin c	ENSG00000120575	20.5758	0.661592	1.220015	0.542282
ENSG00000157449	PLEKHG5	pleckstrin l	ENSG00000122256	22.25634	0.643086	1.186128	0.542172
ENSG0000015770	PTPN1	protein tyr	ENSG00000149226	49.22656	0.470841	0.868746	0.541978
ENSG00000154780	NSMCE4A	NSE4 hom	ENSG00000114711	14.71197	-0.82498	1.522648	-0.54181
ENSG00000111313	LYPLA2	lysophosp	ENSG00000117347	17.34799	0.706399	1.303956	0.541735
ENSG00000154556	ING3	inhibitor of	ENSG00000117347	17.34799	0.706399	1.303956	0.541735
ENSG00000151362	CDC40	cell divisio	ENSG00000127255	27.25519	0.586975	1.083511	0.541734
ENSG0000019788	MTSS1	MTSS1, I-B	ENSG00000162766	62.76633	-0.4421	0.816128	-0.54171
ENSG000001308	ANXA5	annexin A5	ENSG00000114368	143.6885	0.346967	0.640871	0.541399
ENSG00000157463	AMIGO1	adhesion n	ENSG00000131404	31.40474	-0.59431	1.097879	-0.54133
ENSG00000110641	NPRL2	NPR2 like,	ENSG00000114081	14.08121	0.774107	1.430285	0.541226
ENSG0000011798	DPAGT1	dolichyl-ph	ENSG00000114081	14.08121	0.774107	1.430285	0.541226
ENSG00000155254	TMEM39A	transmeml	ENSG00000126367	26.36797	-0.61406	1.135258	-0.5409
ENSG00000100211893			ENSG00000109153	9.153896	-2.71159	5.013372	-0.54087
ENSG00000179691	QTRT2	queuine tR	ENSG00000114120	14.12018	0.771876	1.427187	0.540837
ENSG0000011606	DGKA	diacylglyce	ENSG00000116939	16.93943	0.760995	1.407347	0.54073
ENSG0000017090	TLE3	transducin	ENSG00000122077	22.07782	0.654965	1.211764	0.540505
ENSG0000019970	NR1I3	nuclear rec	ENSG00000142990	42.99038	-1.49875	2.773147	-0.54045
ENSG00000184164	ASCC2	activating s	ENSG00000129056	29.0567	-0.61198	1.1325	-0.54038
ENSG00000180818	ZNF436	zinc finger	ENSG00000146945	46.94599	-0.48766	0.902545	-0.54032
ENSG0000015045	FURIN	furin, paire	ENSG00000173929	73.92955	-0.41788	0.77341	-0.5403
ENSG00000154974	THG1L	tRNA-histic	ENSG00000109270	9.027041	1.00845	1.866503	0.540288
ENSG00000179768	KATNBL1	katanin reg	ENSG00000123920	23.92053	0.624089	1.156059	0.539842
ENSG0000015973	RENBP	renin bindi	ENSG00000144656	44.65655	1.457392	2.700585	0.539658
ENSG0000013418	IDH2	isocitrate c	ENSG00000152556	52.55652	-0.2878	0.533316	-0.53964
ENSG000001157769	FAM91A1	family with	ENSG00000153615	53.61571	0.482732	0.894584	0.539617
ENSG00000123293	SMG6	SMG6, non	ENSG00000142586	42.58679	-0.51647	0.957255	-0.53954
ENSG00000157677	ZFP14	ZFP14 zinc	ENSG00000114520	14.52089	-0.79675	1.476842	-0.5395
ENSG00000110885	WDR3	WD repeat	ENSG00000128980	28.98098	0.569601	1.0562	0.539293
ENSG00000179628	SH3TC2	SH3 domai	ENSG00000128332	28.33282	-0.74253	1.377347	-0.5391
ENSG0000013423	IDS	iduronate ;	ENSG00000110426	104.2657	0.370387	0.687073	0.539081
ENSG00000155312	RFK	riboflavin k	ENSG00000125500	25.5005	0.617048	1.14552	0.538662
ENSG0000017978	MTERF1	mitochond	ENSG00000115745	15.7454	0.73213	1.359392	0.538571
ENSG00000157475	PLEKHH1	pleckstrin l	ENSG00000112166	12.16657	-0.8757	1.62604	-0.53855

ENSG0000010188	TNK2	tyrosine kinase	ENSG000001206374	0.654577	1.215545	0.538505
ENSG0000013628	INPP1	inositol polyphosphatase	ENSG00000112066	-0.86394	1.605463	-0.53813
ENSG000001646168	LRRC77P	leucine rich repeat domain containing 77	ENSG00000112066	-0.86394	1.605463	-0.53813
ENSG0000016103	RPGR	retinitis pigmentosa 1	ENSG0000011697579	-0.74995	1.394409	-0.53782
ENSG0000010271204			ENSG0000011454352	-0.80147	1.490589	-0.53768
ENSG000001493869	GPX8	glutathione peroxidase 8	ENSG0000017794036	0.997338	1.855035	0.537638
ENSG00000184326	METTL26	methyltransferase 26	ENSG0000017794036	0.997338	1.855035	0.537638
ENSG00000156931	DUS3L	dihydrouridine triphosphatase 3	ENSG0000017794036	0.997338	1.855035	0.537638
ENSG0000012580	GAK	cyclin G associated kinase 1	ENSG0000013564402	0.527802	0.981872	0.537546
ENSG00000184909	C9orf3	chromosome 9 open reading frame 3	ENSG0000019412163	-0.3918	0.729061	-0.5374
ENSG00000155255	WDR41	WD repeat domain 41	ENSG0000013034725	0.588668	1.095466	0.537368
ENSG00000191272	BOD1	biorientation 1	ENSG000001289335	-0.60424	1.124532	-0.53732
ENSG00000191392	ZNF502	zinc finger protein 502	ENSG000001933503	0.921818	1.715579	0.537322
ENSG00000126511	CHIC2	cysteine rich 2	ENSG000001933503	0.921818	1.715579	0.537322
ENSG000001125488	TTC39C	tetratricopeptide repeat domain containing 39C	ENSG000001933503	0.921818	1.715579	0.537322
ENSG0000013396	MRPL58	mitochondrial ribosomal protein L58	ENSG0000011409756	0.779999	1.451782	0.53727
ENSG0000015128	CDK17	cyclin dependent kinase 17	ENSG000001671318	-0.42843	0.797486	-0.53722
ENSG0000011287	COL4A5	collagen type IV alpha 5 chain	ENSG0000012234056	0.631879	1.17631	0.537171
ENSG00000164397	ZNF106	zinc finger protein 106	ENSG0000012782745	-0.28031	0.52189	-0.53711
ENSG0000012153	F5	coagulation factor V	ENSG0000017276846	-1.58442	2.950447	-0.53701
ENSG000001231	AKR1B1	aldo-keto reductase family 1 member B1	ENSG000001990844	0.418335	0.77904	0.536988
ENSG0000016520	SLC3A2	solute carrier family 3 member A2	ENSG0000011932383	-0.70288	1.309019	-0.53695
ENSG0000011497	CTNS	cystinosis, 1	ENSG0000011932383	-0.70288	1.309019	-0.53695
ENSG00000154440	SASH3	SAM and S-nitrosyltransferase 3	ENSG0000011050644	0.956275	1.781163	0.536882
ENSG0000013321	IGSF3	immunoglobulin superfamily member 3	ENSG0000014876019	0.497801	0.927356	0.536796
ENSG000001115677	NOSTRIN	nitric oxide synthase 1	ENSG000001355301	-0.53839	1.003093	-0.53673
ENSG0000015627	PROS1	protein S	ENSG0000011090647	-0.40805	0.760278	-0.53671
ENSG00000154811	ZNF562	zinc finger protein 562	ENSG0000016129701	0.431922	0.80481	0.536676
ENSG000001122704	MRPL52	mitochondrial ribosomal protein L52	ENSG0000011740959	0.698011	1.301664	0.536245
ENSG000001114815	SORCS1	sortilin related receptor class C member 1	ENSG000001964001	-0.98676	1.840416	-0.53616
ENSG0000012588	GALNS	galactosaminase	ENSG0000011414281	0.76361	1.424357	0.536109
ENSG00000184253	GARNL3	GTPase activating protein 3	ENSG0000013320468	-0.55177	1.029445	-0.53599
ENSG00000191	ACVR1B	activin A receptor type 1B	ENSG0000012630637	-0.60988	1.137871	-0.53598
ENSG000001114034	TOE1	target of E2F1	ENSG0000014214815	-1.46147	2.727615	-0.53581
ENSG0000016877	TAF5	TATA-box binding protein 5	ENSG0000014214815	-1.46147	2.727615	-0.53581
ENSG0000010276248			ENSG0000014214815	-1.46147	2.727615	-0.53581
ENSG000001100128927	ZBTB42	zinc finger protein 42	ENSG0000014214815	-1.46147	2.727615	-0.53581
ENSG00000127079	RPUSD2	RNA pseudouridine C5-ribose 2-syltransferase 2	ENSG0000014214815	-1.46147	2.727615	-0.53581
ENSG000001126069	ZNF491	zinc finger protein 491	ENSG0000014214815	-1.46147	2.727615	-0.53581
ENSG0000010261295			ENSG0000014214815	-1.46147	2.727615	-0.53581
ENSG0000015983	RFC3	replication factor C subunit 3	ENSG0000016955073	-1.12114	2.092706	-0.53574
ENSG0000019537	TP53I11	tumor protein 53 isoform 11	ENSG0000014687812	-0.48328	0.903293	-0.53502
ENSG00000154948	MRPL16	mitochondrial ribosomal protein L16	ENSG0000014566186	0.494492	0.924336	0.53497
ENSG00000155181	SMG8	SMG8, non-muscle type	ENSG0000011558323	0.753443	1.408709	0.534847
ENSG00000179671	NLRX1	NLR family X member 1	ENSG0000012417581	-0.64435	1.204768	-0.53484
ENSG00000151651	PTRH2	peptidyl transferase 2	ENSG0000011093762	0.853818	1.596483	0.534812
ENSG0000016284	S100A13	S100 calcium binding protein A13	ENSG0000011254022	0.803022	1.501865	0.534683

ENSG0000019775	EIF4A3	eukaryotic	ENSG000001272782	0.58326	1.090894	0.534662
ENSG00000184187	TMEM164	transmembr	ENSG000001118.2782	-0.36092	0.675405	-0.53438
ENSG00000184912	SLC35B4	solute carr	ENSG00000116.86894	-0.73547	1.376563	-0.53428
ENSG00000180031	SEMA6D	semaphori	ENSG00000119.07378	0.669713	1.253572	0.534244
ENSG00000157136	APMAP	adipocyte j	ENSG00000135.78356	0.52141	0.976	0.534231
ENSG00000110138	YAF2	YY1 associ	ENSG00000159.63282	0.433791	0.812078	0.534174
ENSG000001353116	RILPL1	Rab intera	ENSG00000140.46631	-0.529	0.990607	-0.53402
ENSG00000122921	MSRB2	methionin	ENSG00000161.03806	0.444954	0.833325	0.533951
ENSG00000151306	FAM13B	family with	ENSG00000161.11849	0.436754	0.817994	0.533933
ENSG00000122878	TRAPPC8	trafficking	ENSG00000174.01756	-0.41795	0.782974	-0.53379
ENSG0000011185	CLCN6	chloride vc	ENSG00000140.02505	-0.51211	0.959443	-0.53376
ENSG00000110211	FLOT1	flotillin 1	ENSG000001166.7359	0.328626	0.615791	0.533665
ENSG0000015525	PPP2R5A	protein ph	ENSG00000179.80424	0.411204	0.770567	0.533638
ENSG0000013176	HNMT	histamine |	ENSG00000119.03481	0.67157	1.258511	0.533623
ENSG0000019533	POLR1C	RNA polym	ENSG0000014.19219	-1.44595	2.710556	-0.53345
ENSG0000010217680			ENSG0000014.19219	-1.44595	2.710556	-0.53345
ENSG000001374654	KIF7	kinesin fan	ENSG0000014.19219	-1.44595	2.710556	-0.53345
ENSG0000010272617			ENSG0000014.19219	-1.44595	2.710556	-0.53345
ENSG0000010123870			ENSG0000014.19219	-1.44595	2.710556	-0.53345
ENSG00000179986	ZNF702P	zinc finger	ENSG0000014.19219	-1.44595	2.710556	-0.53345
ENSG000001348327	ZNF530	zinc finger	ENSG0000014.19219	-1.44595	2.710556	-0.53345
ENSG000001388962	BOLA3	bolA famil	ENSG00000115.5317	0.779337	1.460953	0.533445
ENSG0000012677	GGCX	gamma-gl	ENSG00000140.18094	-0.51651	0.968401	-0.53336
ENSG0000010273329			ENSG0000016.314639	1.084631	2.033699	0.533329
ENSG0000019520	NPEPPS	aminopept	ENSG00000198.22189	-0.37779	0.708372	-0.53333
ENSG0000015976	UPF1	UPF1, RNA	ENSG00000151.33409	-0.46696	0.875849	-0.53315
ENSG000001160851	DGKH	diacylglyce	ENSG00000162.55263	-0.43415	0.814346	-0.53313
ENSG000001143458	LDLRAD3	low densit	ENSG0000019.555787	-0.9692	1.818273	-0.53304
ENSG000001199704	ZNF585A	zinc finger	ENSG00000119.35653	-0.69968	1.312914	-0.53292
ENSG00000183468	GLT8D2	glycosyltra	ENSG00000114.18178	0.761368	1.429121	0.532753
ENSG00000156160	NSMC3	NSE3 hom	ENSG00000114.18178	0.761368	1.429121	0.532753
ENSG00000111072	DUSP14	dual specif	ENSG00000110.9766	0.851231	1.597812	0.532748
ENSG00000155719	SLF2	SMC5-SMC	ENSG00000167.00233	-0.42372	0.795404	-0.53271
ENSG0000018409	UXT	ubiquitous	ENSG00000117.37062	0.700026	1.31433	0.532611
ENSG0000018514	KCNAB2	potassium	ENSG00000138.17986	-0.54114	1.016031	-0.5326
ENSG0000014238	MFAP3	microfibril	ENSG00000142.26625	-0.4989	0.936747	-0.53259
ENSG00000126354	GNL3	G protein r	ENSG00000144.83427	-0.50573	0.950398	-0.53213
ENSG00000179156	PLEKHF1	pleckstrin |	ENSG00000112.0044	-0.85521	1.607228	-0.5321
ENSG000001127829	ARL8A	ADP ribosy	ENSG00000123.91307	-0.62719	1.179163	-0.5319
ENSG00000184142	ABRAXAS1	abraxas 1,	ENSG00000112.57919	0.800618	1.505327	0.531857
ENSG00000150804	MYEF2	myelin exp	ENSG0000019.510537	-0.95486	1.795699	-0.53175
ENSG00000150814	NSDHL	NAD(P) de	ENSG0000019.510537	-0.95486	1.795699	-0.53175
ENSG00000110265	IRX5	iroquois hc	ENSG0000017.833008	0.99428	1.870023	0.531694
ENSG0000014803	NGF	nerve grow	ENSG0000016.994045	-1.12605	2.117923	-0.53167
ENSG00000154700	RRN3	RRN3 hom	ENSG00000139.9798	-0.50865	0.956828	-0.5316
ENSG00000164837	KLC2	kinesin lig	ENSG00000121.56503	-0.65502	1.232811	-0.53132
ENSG00000164925	CCDC71	coiled-coil	ENSG0000019.396628	0.905407	1.704491	0.531189

ENSG0000I	ENSG0000I	84197	POMK	protein-O-	ENSG0000I	9.396628	0.905407	1.704491	0.531189
ENSG0000I	ENSG0000I	84649	DGAT2	diacylglyce	ENSG0000I	9.396628	0.905407	1.704491	0.531189
ENSG0000I	ENSG0000I	80781	COL18A1	collagen ty	ENSG0000I	30.69042	0.55222	1.03986	0.531052
ENSG0000I	ENSG0000I	7562	ZNF708	zinc finger	ENSG0000I	23.98095	-0.63589	1.197446	-0.53104
ENSG0000I	ENSG0000I	9647	PPM1F	protein ph	ENSG0000I	32.25404	0.548602	1.033105	0.531023
ENSG0000I	ENSG0000I	5873	RAB27A	RAB27A, m	ENSG0000I	15.70643	0.734391	1.382994	0.531016
ENSG0000I	ENSG0000I	221662	RBM24	RNA bindir	ENSG0000I	145.0282	-0.37663	0.709478	-0.53085
ENSG0000I	ENSG0000I	55787	TXLNG	taxilin gam	ENSG0000I	20.59843	0.656515	1.237018	0.530724
ENSG0000I	ENSG0000I	55770	EXOC2	exocyst co	ENSG0000I	30.83401	-0.56271	1.060585	-0.53057
ENSG0000I	ENSG0000I	123722	FSD2	fibronectin	ENSG0000I	67.34301	-0.4319	0.814185	-0.53046
ENSG0000I	ENSG0000I	23369	PUM2	pumilio RN	ENSG0000I	140.1119	-0.34199	0.644849	-0.53035
ENSG0000I	ENSG0000I	27336	HTATSF1	HIV-1 Tat s	ENSG0000I	107.9637	0.36242	0.68339	0.530328
ENSG0000I	ENSG0000I	81857	MED25	mediator c	ENSG0000I	24.05262	-0.63516	1.197999	-0.53019
ENSG0000I	ENSG0000I	60685	ZFAND3	zinc finger	ENSG0000I	49.18091	-0.47572	0.89733	-0.53015
ENSG0000I	ENSG0000I	80142	PTGES2	prostaglan	ENSG0000I	37.31828	0.525826	0.991931	0.530103
ENSG0000I	ENSG0000I	84893	FBH1	F-box DNA	ENSG0000I	100.2846	-0.37272	0.703125	-0.53009
ENSG0000I	ENSG0000I	6713	SQLE	squalene e	ENSG0000I	7.855633	0.977312	1.843937	0.530014
ENSG0000I	ENSG0000I	9139	CBFA2T2	CBFA2/RUI	ENSG0000I	35.44588	-0.53327	1.00623	-0.52997
ENSG0000I	ENSG0000I	6605	SMARCE1	SWI/SNF r	ENSG0000I	46.00503	0.471366	0.889639	0.52984
ENSG0000I	ENSG0000I	6695	SPOCK1	SPARC (ost	ENSG0000I	70.108	0.457259	0.863032	0.529829
ENSG0000I	ENSG0000I	55599	RNPC3	RNA bindir	ENSG0000I	39.94083	-0.50757	0.958037	-0.5298
ENSG0000I	ENSG0000I	54940	OCIAD1	OCIA dom	ENSG0000I	83.69956	0.391735	0.739543	0.529698
ENSG0000I	ENSG0000I	84340	GFM2	G elongatic	ENSG0000I	42.39507	0.501358	0.946506	0.529693
ENSG0000I	ENSG0000I	54973	INTS11	integrator	ENSG0000I	46.71595	-0.47746	0.902214	-0.52921
ENSG0000I	ENSG0000I	1295	COL8A1	collagen ty	ENSG0000I	70.38498	-0.44869	0.848027	-0.52909
ENSG0000I	ENSG0000I	150472	CBWD2	COBW don	ENSG0000I	17.43222	0.691643	1.307715	0.528894
ENSG0000I	ENSG0000I	89781	HPS4	HPS4, biog	ENSG0000I	23.8741	-0.62555	1.182965	-0.5288
ENSG0000I	ENSG0000I	653121	ZBTB8A	zinc finger	ENSG0000I	12.60181	0.791167	1.496341	0.528734
ENSG0000I	ENSG0000I	0266469			ENSG0000I	12.60181	0.791167	1.496341	0.528734
ENSG0000I	ENSG0000I	9555	H2AFY	H2A histon	ENSG0000I	90.72212	0.3778	0.714696	0.528617
ENSG0000I	ENSG0000I	1655	DDX5	DEAD-box	ENSG0000I	413.9002	-0.28939	0.547686	-0.52839
ENSG0000I	ENSG0000I	54834	GDAP2	ganglioside	ENSG0000I	52.79126	0.450287	0.85229	0.528326
ENSG0000I	ENSG0000I	3694	ITGB6	integrin su	ENSG0000I	4.835242	1.227179	2.323893	0.52807
ENSG0000I	ENSG0000I	494470	RNF165	ring finger	ENSG0000I	4.835242	1.227179	2.323893	0.52807
ENSG0000I	ENSG0000I	55203	LGI2	leucine ricl	ENSG0000I	6.9161	-1.1163	2.114801	-0.52785
ENSG0000I	ENSG0000I	54932	EXD3	exonucleas	ENSG0000I	6.9161	-1.1163	2.114801	-0.52785
ENSG0000I	ENSG0000I	2778	GNAS	GNAS com	ENSG0000I	857.0917	0.264596	0.501384	0.527731
ENSG0000I	ENSG0000I	10574	CCT7	chaperonir	ENSG0000I	154.5712	0.333782	0.632624	0.527615
ENSG0000I	ENSG0000I	3716	JAK1	Janus kinas	ENSG0000I	291.7962	-0.29573	0.560513	-0.5276
ENSG0000I	ENSG0000I	11261	CHP1	calcineurin	ENSG0000I	105.9789	0.370739	0.702985	0.527378
ENSG0000I	ENSG0000I	84935	MEDAG	mesenteric	ENSG0000I	14.41405	-0.77969	1.478544	-0.52734
ENSG0000I	ENSG0000I	201140	DHRS7C	dehydroge	ENSG0000I	14.41405	-0.77969	1.478544	-0.52734
ENSG0000I	ENSG0000I	10073	SNUPN	snurportin	ENSG0000I	6.893475	-1.10652	2.099107	-0.52714
ENSG0000I	ENSG0000I	147929	ZNF565	zinc finger	ENSG0000I	6.893475	-1.10652	2.099107	-0.52714
ENSG0000I	ENSG0000I	51654	CDK5RAP1	CDK5 regul	ENSG0000I	21.52606	-0.65322	1.239348	-0.52707
ENSG0000I	ENSG0000I	285590	SH3PXD2B	SH3 and P	ENSG0000I	39.14084	0.502138	0.952724	0.527056
ENSG0000I	ENSG0000I	0261269			ENSG0000I	28.62551	-0.58479	1.109574	-0.52704

ENSG0000I	ENSG0000I	65975	STK33	serine/thre	ENSG0000I	32.51678	0.532814	1.010962	0.527037
ENSG0000I	ENSG0000I	1278	COL1A2	collagen ty	ENSG0000I	214.9348	0.318671	0.604656	0.527028
ENSG0000I	ENSG0000I	3631	INPP4A	inositol pol	ENSG0000I	63.20759	0.421327	0.79946	0.527015
ENSG0000I	ENSG0000I	8761	PABPC4	poly(A) bin	ENSG0000I	110.1507	-0.38053	0.722078	-0.527
ENSG0000I	ENSG0000I	493754	GS1-124K5	RAB guanir	ENSG0000I	11.96543	-0.85225	1.6172	-0.52699
ENSG0000I	ENSG0000I	55070	DET1	DET1, COP:	ENSG0000I	11.96543	-0.85225	1.6172	-0.52699
ENSG0000I	ENSG000000260948				ENSG0000I	3.193677	1.62458	3.083615	0.526843
ENSG0000I	ENSG0000I	6286	S100P	S100 calciu	ENSG0000I	3.193677	1.62458	3.083615	0.526843
ENSG0000I	ENSG000000272933				ENSG0000I	3.193677	1.62458	3.083615	0.526843
ENSG0000I	ENSG0000I	10653	SPINT2	serine pepi	ENSG0000I	3.193677	1.62458	3.083615	0.526843
ENSG0000I	ENSG0000I	4318	MMP9	matrix met	ENSG0000I	3.193677	1.62458	3.083615	0.526843
ENSG0000I	ENSG0000I	3459	IFNGR1	interferon	ENSG0000I	151.3597	0.331852	0.629923	0.526813
ENSG0000I	ENSG0000I	10526	IPO8	importin 8	ENSG0000I	58.05768	-0.44391	0.842809	-0.5267
ENSG0000I	ENSG0000I	4891	SLC11A2	solute carr	ENSG0000I	50.47212	0.481995	0.915288	0.526605
ENSG0000I	ENSG0000I	200894	ARL13B	ADP ribosy	ENSG0000I	9.471564	-0.95123	1.80639	-0.52659
ENSG0000I	ENSG000000253406				ENSG0000I	9.471564	-0.95123	1.80639	-0.52659
ENSG0000I	ENSG0000I	80737	VWA7	von Willeb	ENSG0000I	9.471564	-0.95123	1.80639	-0.52659
ENSG0000I	ENSG0000I	55780	ERMARD	ER membr:	ENSG0000I	9.471564	-0.95123	1.80639	-0.52659
ENSG0000I	ENSG0000I	7074	TIAM1	T cell lymp	ENSG0000I	14.10384	0.766108	1.455079	0.526506
ENSG0000I	ENSG0000I	4285	MIPEP	mitochond	ENSG0000I	16.78472	-0.72489	1.377	-0.52643
ENSG0000I	ENSG0000I	5229	PGGT1B	protein ger	ENSG0000I	42.14305	-0.49354	0.937571	-0.5264
ENSG0000I	ENSG0000I	7094	TLN1	talin 1	ENSG0000I	843.3972	0.263963	0.50149	0.526357
ENSG0000I	ENSG0000I	58517	RBM25	RNA bindir	ENSG0000I	98.02702	-0.37507	0.712858	-0.52615
ENSG0000I	ENSG0000I	80162	PGGHG	protein-glu	ENSG0000I	18.93424	0.681417	1.295282	0.526076
ENSG0000I	ENSG0000I	605	BCL7A	BCL tumor	ENSG0000I	16.82369	-0.7271	1.382516	-0.52593
ENSG0000I	ENSG0000I	79934	COQ8B	coenzyme	ENSG0000I	16.82369	-0.7271	1.382516	-0.52593
ENSG0000I	ENSG0000I	163732	CITED4	Cbp/p300 i	ENSG0000I	6.932448	-1.11137	2.113318	-0.52589
ENSG0000I	ENSG0000I	84074	QRICH2	glutamine	ENSG0000I	6.932448	-1.11137	2.113318	-0.52589
ENSG0000I	ENSG0000I	5733	PTGER3	prostaglan	ENSG0000I	1.451932	-2.61163	4.968545	-0.52563
ENSG0000I	ENSG000000239951				ENSG0000I	1.451932	-2.61163	4.968545	-0.52563
ENSG0000I	ENSG0000I	2895	GRID2	glutamate	ENSG0000I	1.451932	-2.61163	4.968545	-0.52563
ENSG0000I	ENSG0000I	115827	RAB3C	RAB3C, me	ENSG0000I	1.451932	-2.61163	4.968545	-0.52563
ENSG0000I	ENSG000000273419				ENSG0000I	1.451932	-2.61163	4.968545	-0.52563
ENSG0000I	ENSG0000I	619207	SCART1	scavenger	ENSG0000I	1.451932	-2.61163	4.968545	-0.52563
ENSG0000I	ENSG0000I	619383	SCARNA9	small Cajal	ENSG0000I	1.451932	-2.61163	4.968545	-0.52563
ENSG0000I	ENSG000000211890				ENSG0000I	1.451932	-2.61163	4.968545	-0.52563
ENSG0000I	ENSG000000240445				ENSG0000I	1.451932	-2.61163	4.968545	-0.52563
ENSG0000I	ENSG0000I	729220	FLJ45513	uncharacte	ENSG0000I	1.451932	-2.61163	4.968545	-0.52563
ENSG0000I	ENSG000000279917				ENSG0000I	1.451932	-2.61163	4.968545	-0.52563
ENSG0000I	ENSG000000279885				ENSG0000I	1.451932	-2.61163	4.968545	-0.52563
ENSG0000I	ENSG000000283529				ENSG0000I	1.451932	-2.61163	4.968545	-0.52563
ENSG0000I	ENSG0000I	158801	NKAPP1	NFKB activ	ENSG0000I	1.451932	-2.61163	4.968545	-0.52563
ENSG0000I	ENSG000000237859				ENSG0000I	1.451932	-2.61163	4.968545	-0.52563
ENSG0000I	ENSG0000I	55716	LMBR1L	limb devel	ENSG0000I	26.18317	-0.60147	1.144357	-0.5256
ENSG0000I	ENSG0000I	65244	SPATS2	spermatog	ENSG0000I	11.98178	-0.84938	1.6168	-0.52535
ENSG0000I	ENSG0000I	51164	DCTN4	dynactin st	ENSG0000I	92.37375	0.379773	0.722953	0.525308
ENSG0000I	ENSG0000I	23303	KIF13B	kinesin fan	ENSG0000I	47.65287	0.466826	0.889004	0.525112

ENSG0000I	ENSG0000I	84938	ATG4C	autophagy	ENSG0000I	9.435601	0.902547	1.718818	0.525097
ENSG0000I	ENSG0000I	2339	FNTA	farnesyltra	ENSG0000I	35.92938	0.510863	0.973142	0.524963
ENSG0000I	ENSG0000I	0271452			ENSG0000I	4.231163	-1.45394	2.769877	-0.52491
ENSG0000I	ENSG0000I	23683	PRKD3	protein kin	ENSG0000I	53.43574	-0.45471	0.866471	-0.52478
ENSG0000I	ENSG0000I	3326	HSP90AB1	heat shock	ENSG0000I	859.9925	0.270944	0.516316	0.524764
ENSG0000I	ENSG0000I	8504	PEX3	peroxisom	ENSG0000I	20.82219	0.633757	1.207715	0.524757
ENSG0000I	ENSG0000I	23761	PISD	phosphatic	ENSG0000I	20.82219	0.633757	1.207715	0.524757
ENSG0000I	ENSG0000I	619208	FAM229B	family with	ENSG0000I	22.48639	0.614354	1.170823	0.52472
ENSG0000I	ENSG0000I	5202	PFDN2	prefoldin s	ENSG0000I	9.448939	-0.94393	1.798994	-0.5247
ENSG0000I	ENSG0000I	8540	AGPS	alkylglycer	ENSG0000I	54.61134	0.444036	0.846325	0.524664
ENSG0000I	ENSG0000I	55743	CHFR	checkpoint	ENSG0000I	27.47896	0.569914	1.086566	0.524509
ENSG0000I	ENSG0000I	26015	RPAP1	RNA polym	ENSG0000I	23.82885	-0.61963	1.18217	-0.52415
ENSG0000I	ENSG0000I	2213	FCGR2B	Fc fragmer	ENSG0000I	13.79585	0.821073	1.566997	0.523978
ENSG0000I	ENSG0000I	57089	ENTPD7	ectonucleo	ENSG0000I	14.266	0.74285	1.417975	0.523881
ENSG0000I	ENSG0000I	140707	BRI3BP	BRI3 bindir	ENSG0000I	9.458226	0.889192	1.697371	0.523864
ENSG0000I	ENSG0000I	9766	SUSD6	sushi domæ	ENSG0000I	80.4843	0.387766	0.740272	0.523816
ENSG0000I	ENSG0000I	5903	RANBP2	RAN bindir	ENSG0000I	282.6768	-0.29443	0.562311	-0.52361
ENSG0000I	ENSG0000I	93035	PKHD1L1	PKHD1 like	ENSG0000I	68.36378	2.664739	5.08917	0.52361
ENSG0000I	ENSG0000I	1629	DBT	dihydrolip	ENSG0000I	86.7733	-0.38387	0.73314	-0.52359
ENSG0000I	ENSG0000I	84803	GPAT3	glycerol-3-	ENSG0000I	49.5798	0.453011	0.865429	0.523452
ENSG0000I	ENSG0000I	4152	MBD1	methyl-Cp	ENSG0000I	51.1204	-0.45718	0.873775	-0.52322
ENSG0000I	ENSG0000I	79871	RPAP2	RNA polym	ENSG0000I	49.09669	-0.47203	0.902515	-0.52302
ENSG0000I	ENSG0000I	93343	MVB12A	multivesic	ENSG0000I	4.734671	1.266675	2.422792	0.522816
ENSG0000I	ENSG0000I	128434	VSTM2L	V-set and t	ENSG0000I	10.10612	2.277024	4.355347	0.522811
ENSG0000I	ENSG0000I	185	AGTR1	angiotensii	ENSG0000I	9.494189	-0.95828	1.833018	-0.52279
ENSG0000I	ENSG0000I	387590	TPTEP1	TPTE pseuc	ENSG0000I	9.494189	-0.95828	1.833018	-0.52279
ENSG0000I	ENSG0000I	25854	FAM149A	family with	ENSG0000I	11.03819	0.837405	1.602481	0.522568
ENSG0000I	ENSG0000I	5244	ABCB4	ATP bindin	ENSG0000I	11.03819	0.837405	1.602481	0.522568
ENSG0000I	ENSG0000I	23383	MAU2	MAU2 sist	ENSG0000I	51.25615	-0.46509	0.890107	-0.52251
ENSG0000I	ENSG0000I	23517	MTREX	Mtr4 exosc	ENSG0000I	78.83646	0.388634	0.743858	0.522458
ENSG0000I	ENSG0000I	54865	GPATCH4	G-patch do	ENSG0000I	19.05743	0.665996	1.275159	0.522284
ENSG0000I	ENSG0000I	4038	LRP4	LDL recept	ENSG0000I	58.07651	-0.44829	0.85835	-0.52227
ENSG0000I	ENSG0000I	100873987	FGF12-AS2	FGF12 anti	ENSG0000I	4.130592	-1.42257	2.724045	-0.52223
ENSG0000I	ENSG0000I	10584	COLEC10	collectin s	ENSG0000I	4.130592	-1.42257	2.724045	-0.52223
ENSG0000I	ENSG0000I	0250280			ENSG0000I	4.130592	-1.42257	2.724045	-0.52223
ENSG0000I	ENSG0000I	5994	RFXAP	regulatory	ENSG0000I	4.130592	-1.42257	2.724045	-0.52223
ENSG0000I	ENSG0000I	2643	GCH1	GTP cycloh	ENSG0000I	4.130592	-1.42257	2.724045	-0.52223
ENSG0000I	ENSG0000I	170463	SSBP4	single strar	ENSG0000I	4.130592	-1.42257	2.724045	-0.52223
ENSG0000I	ENSG0000I	51622	CCZ1	CCZ1 hom	ENSG0000I	12.50124	0.805842	1.543249	0.522172
ENSG0000I	ENSG0000I	4885	NPTX2	neuronal p	ENSG0000I	14.35245	-0.77228	1.479097	-0.52213
ENSG0000I	ENSG0000I	5915	RARB	retinoic aci	ENSG0000I	24.07263	0.600803	1.151096	0.52194
ENSG0000I	ENSG0000I	3841	KPNA5	karyopheri	ENSG0000I	24.07263	0.600803	1.151096	0.52194
ENSG0000I	ENSG0000I	260425	MAGI3	membrane	ENSG0000I	23.86782	-0.62132	1.190723	-0.5218
ENSG0000I	ENSG0000I	221037	JMJD1C	jumonji do	ENSG0000I	149.6176	0.332397	0.637153	0.521691
ENSG0000I	ENSG0000I	114795	TMEM132I	transmeml	ENSG0000I	10.22709	-1.07771	2.066273	-0.52157
ENSG0000I	ENSG0000I	11142	PKIG	cAMP-dep	ENSG0000I	75.40123	0.393796	0.755035	0.52156
ENSG0000I	ENSG0000I	25981	DNAH1	dynein axo	ENSG0000I	32.15347	0.554682	1.06366	0.521484

ENSG00000190423	ATP6V1E2	ATPase H+	ENSG00000163723	6.376237	1.059266	2.031347	0.52146
ENSG0000017039	TGFA	transformi	ENSG00000163723	6.376237	1.059266	2.031347	0.52146
ENSG00000110938	EHD1	EH domain	ENSG00000130891	30.89156	0.54032	1.03671	0.521187
ENSG0000010729	C6	compleme	ENSG00000113097	130.9779	-0.41172	0.79004	-0.52114
ENSG00000124148	PRPF6	pre-mRNA	ENSG00000164469	64.46949	-0.41982	0.805628	-0.52111
ENSG000001149428	BNIP1	BCL2 inter	ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG0000010233040			ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG0000010283031			ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG0000010273035			ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG000001151258	SLC38A11	solute carr	ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG000001494513	PJK1	pejvakin	ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG0000010238829			ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG000001093463	LOC93463	uncharacte	ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG000001100131635	LOC100131635	hCG16450	ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG000001131578	LRRC15	leucine ricl	ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG000001107986251	LINC02600	long interg	ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG0000010251286			ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG0000010207129			ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG0000010219085			ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG000001084870	RSPO3	R-spondin	ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG0000010233231			ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG00000103834	KIF25	kinesin fan	ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG000001442524	DPY19L2P3	DPY19L2 p	ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG00000101395	CRHR2	corticotrop	ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG0000010272941			ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG000001079989	TTC26	tetratricop	ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG0000010260484			ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG0000010226823			ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG00000103293	HSD17B3	hydroxyste	ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG000001056624	ASAH2	N-acylsphii	ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG0000010230661			ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG000001023529	CLCF1	cardiotrop	ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG0000010276179			ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG0000010338817	LINC01252	long interg	ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG0000010255565			ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG0000010255968			ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG00000102262	GPC5	glypican 5	ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG0000010283	ANG	angiogenin	ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG000001102723809	LOC102723809	uncharacte	ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG0000010258930			ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG000001064150	DIO3OS	DIO3 oppo	ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG0000010283726	SAXO2	stabilizer o	ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG0000010252690			ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG000001113000	RPUSD1	RNA pseud	ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG0000010260816			ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG0000010240898			ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097
ENSG0000010116	ADCYAP1	adenylate	ENSG00000113061	1.306111	-2.45661	4.715494	-0.52097

ENSG000001000000279989		ENSG000001000000279989	1.306111	-2.45661	4.715494	-0.52097	
ENSG00000100000010050607C	RBFADN	RBFA down	ENSG00000100000010050607C	1.306111	-2.45661	4.715494	-0.52097
ENSG00000100000054831	BEST2	bestrophin	ENSG00000100000054831	1.306111	-2.45661	4.715494	-0.52097
ENSG0000010000000242100			ENSG0000010000000242100	1.306111	-2.45661	4.715494	-0.52097
ENSG0000010000006855	SYP	synaptoph	ENSG0000010000006855	1.306111	-2.45661	4.715494	-0.52097
ENSG00000100000010272477C	LOC10272477C	protein DG	ENSG00000100000010272477C	1.306111	-2.45661	4.715494	-0.52097
ENSG00000100000010272478E	LOC10272478E	proline de	ENSG00000100000010272478E	1.306111	-2.45661	4.715494	-0.52097
ENSG000001000000483	ATP1B3	ATPase Na	ENSG000001000000483	37.50856	-0.51065	0.980617	-0.52075
ENSG0000010000000273381			ENSG0000010000000273381	4.153217	-1.43816	2.761845	-0.52072
ENSG00000100000011035	RIPK3	receptor in	ENSG00000100000011035	4.153217	-1.43816	2.761845	-0.52072
ENSG0000010000002696	GIPR	gastric inhi	ENSG0000010000002696	4.153217	-1.43816	2.761845	-0.52072
ENSG00000100000027304	MOCS3	molybden	ENSG00000100000027304	4.153217	-1.43816	2.761845	-0.52072
ENSG0000010000009045	RPL14	ribosomal	ENSG0000010000009045	223.179	0.318624	0.61201	0.520618
ENSG000001000000253512	SLC25A30	solute carr	ENSG000001000000253512	98.86428	-0.38902	0.74753	-0.5204
ENSG000001000000163590	TOR1AIP2	torsin 1A ir	ENSG000001000000163590	148.8303	-0.33498	0.643717	-0.52038
ENSG00000100000057147	SCYL3	SCY1 like p	ENSG00000100000057147	14.22703	0.745137	1.432049	0.520329
ENSG00000100000029115	SAP30BP	SAP30 binc	ENSG00000100000029115	39.32564	0.491406	0.944637	0.520207
ENSG00000100000084669	USP32	ubiquitin s	ENSG00000100000084669	77.1333	0.389876	0.749465	0.520205
ENSG00000100000084343	HPS3	HPS3, biog	ENSG00000100000084343	11.92018	-0.84054	1.61592	-0.52016
ENSG00000100000084936	ZFYVE19	zinc finger	ENSG00000100000084936	11.92018	-0.84054	1.61592	-0.52016
ENSG0000010000009923	ZBTB40	zinc finger	ENSG0000010000009923	60.21714	-0.43893	0.843904	-0.52012
ENSG0000010000000203709			ENSG0000010000000203709	110.994	-0.35583	0.684176	-0.52008
ENSG00000100000010438	C1D	C1D nuclea	ENSG00000100000010438	12.56284	0.793796	1.526476	0.520019
ENSG0000010000002997	GYS1	glycogen s	ENSG0000010000002997	146.0917	-0.39092	0.751999	-0.51985
ENSG000001000000120103	SLC36A4	solute carr	ENSG000001000000120103	22.34684	0.624295	1.201136	0.519754
ENSG000001000000284047	CCDC144B	coiled-coil	ENSG000001000000284047	22.34684	0.624295	1.201136	0.519754
ENSG00000100000027077	B9D1	B9 domain	ENSG00000100000027077	4.857867	1.195541	2.301842	0.519385
ENSG000001000000106660612	LINC00680	long interg	ENSG000001000000106660612	6.87085	-1.09659	2.111766	-0.51928
ENSG0000010000002976	GTF3C2	general tra	ENSG0000010000002976	19.07116	-0.67502	1.300047	-0.51923
ENSG0000010000007329	UBE2I	ubiquitin c	ENSG0000010000007329	19.07116	-0.67502	1.300047	-0.51923
ENSG000001000000643677	CCDC168	coiled-coil	ENSG000001000000643677	4.169565	-1.43036	2.755061	-0.51917
ENSG00000100000079583	TMEM231	transmem	ENSG00000100000079583	4.169565	-1.43036	2.755061	-0.51917
ENSG0000010000004013	VWA5A	von Willeb	ENSG0000010000004013	11.90383	-0.84341	1.625145	-0.51898
ENSG00000100000091289	LMF2	lipase mat	ENSG00000100000091289	11.90383	-0.84341	1.625145	-0.51898
ENSG00000100000025972	UNC50	unc-50 inn	ENSG00000100000025972	14.31347	-0.76976	1.483235	-0.51897
ENSG0000010000009126	SMC3	structural r	ENSG0000010000009126	70.14592	0.403352	0.77723	0.518961
ENSG0000010000003338	DNAJC4	DnaJ heat s	ENSG0000010000003338	11.88121	-0.83758	1.614068	-0.51892
ENSG00000100000025804	LSM4	LSM4 hom	ENSG00000100000025804	25.87636	0.577353	1.112889	0.518787
ENSG00000100000054902	TTC19	tetratricop	ENSG00000100000054902	48.77235	-0.46077	0.888279	-0.51872
ENSG00000100000051535	PPHLN1	periphilin 1	ENSG00000100000051535	37.59985	0.500614	0.965805	0.518339
ENSG00000100000010541	ANP32B	acidic nucl	ENSG00000100000010541	26.0537	-0.58918	1.136926	-0.51823
ENSG00000100000023229	ARHGEF9	Cdc42 guar	ENSG00000100000023229	48.81132	-0.4617	0.891088	-0.51813
ENSG00000100000060481	ELOVL5	ELOVL fatt	ENSG00000100000060481	44.26733	-0.47895	0.924461	-0.51809
ENSG00000100000055151	TMEM38B	transmem	ENSG00000100000055151	56.50558	0.431139	0.832264	0.518031
ENSG00000100000016	AARS	alanyl-tRN	ENSG00000100000016	108.7528	-0.35748	0.690109	-0.518
ENSG000001000000540	ATP7B	ATPase co	ENSG000001000000540	6.831877	-1.09176	2.108019	-0.51791
ENSG000001000000114908	TMEM123	transmem	ENSG000001000000114908	143.0551	0.330158	0.637593	0.51782

ENSG0000017869	SEMA3B	semaphori	ENSG0000019409966	-0.94024	1.81683	-0.51752
ENSG00000184216	TMEM117	transmeml	ENSG0000019426314	-0.93657	1.809801	-0.5175
ENSG00000151227	PIGP	phosphatic	ENSG0000019426314	-0.93657	1.809801	-0.5175
ENSG00000110923	SUB1	SUB1 hom	ENSG000001105911	0.372835	0.720475	0.517486
ENSG00000164116	SLC39A8	solute carr	ENSG0000011083705	0.871455	1.684592	0.517309
ENSG00000157189	KIAA1147	KIAA1147	ENSG0000015098085	-0.45314	0.875999	-0.51729
ENSG0000014233	MET	MET proto	ENSG0000013744696	-0.50765	0.981608	-0.51716
ENSG000001114876	OSBPL1A	oxysterol b	ENSG0000011175001	-0.34838	0.673663	-0.51714
ENSG0000019419	CRIPT	CXXC repe	ENSG0000011759438	0.673088	1.302024	0.516955
ENSG0000015187	PER1	period circ	ENSG0000011462383	-0.33223	0.642679	-0.51695
ENSG00000193627	TBCK	TBC1 dom	ENSG0000012609267	-0.59073	1.142778	-0.51693
ENSG00000193624	TADA2B	transcripti	ENSG0000014207518	-0.48862	0.945446	-0.51682
ENSG00000268858			ENSG0000011096025	0.843042	1.631434	0.516749
ENSG00000179630	C1orf54	chromosor	ENSG0000013440068	1.398102	2.705897	0.516687
ENSG0000019911	TMCC2	transmeml	ENSG0000013440068	1.398102	2.705897	0.516687
ENSG00000181855	SFXN3	sideroflexi	ENSG0000013424884	0.516261	0.999297	0.516624
ENSG00000110555	AGPAT2	1-acylglyce	ENSG0000011429085	-0.76482	1.480489	-0.5166
ENSG000001148254	ZNF555	zinc finger	ENSG0000011429085	-0.76482	1.480489	-0.5166
ENSG000001221154	MICU2	mitochond	ENSG0000015648295	0.432684	0.837826	0.516436
ENSG0000014287	ATXN3	ataxin 3	ENSG0000014430003	-0.47785	0.925343	-0.51641
ENSG00000154978	SLC35F6	solute carr	ENSG000001443968	-0.48605	0.941269	-0.51638
ENSG00000126100	WIPI2	WD repeat	ENSG0000015107514	-0.45452	0.880251	-0.51635
ENSG0000015638	PRRG1	proline ric	ENSG0000012601473	-0.58766	1.138122	-0.51634
ENSG0000019813	EFCAB14	EF-hand ca	ENSG0000011746724	-0.31725	0.614507	-0.51626
ENSG0000016472	SHMT2	serine hyd	ENSG0000011913904	-0.6859	1.3286	-0.51626
ENSG00000123185	LARP4B	La ribonucl	ENSG0000011159176	-0.35931	0.696468	-0.51591
ENSG0000012547	XRCC6	X-ray repai	ENSG0000011815341	0.312188	0.605429	0.515647
ENSG0000016936	GCFC2	GC-rich sec	ENSG0000013742434	-0.50578	0.980994	-0.51558
ENSG00000155345	ZGRF1	zinc finger	ENSG0000019519824	0.873144	1.693904	0.515462
ENSG000001284352	PPP1R37	protein ph	ENSG0000019519824	0.873144	1.693904	0.515462
ENSG000001170082	TCEANC	transcripti	ENSG0000019519824	0.873144	1.693904	0.515462
ENSG00000130008	EFEMP2	EGF contai	ENSG0000014200351	-0.48873	0.948468	-0.51528
ENSG0000013384	ICAM2	intercellul	ENSG0000011666152	-0.71202	1.381877	-0.51526
ENSG00000185007	PHYKPL	5-phospho	ENSG0000015121717	-0.4641	0.900845	-0.51519
ENSG0000015468	PPARG	peroxisom	ENSG0000011903219	-0.67303	1.306713	-0.51506
ENSG00000111331	PHB2	prohibitin	ENSG0000017038604	0.39713	0.771241	0.514923
ENSG00000151616	TAF9B	TATA-box k	ENSG0000012931159	0.54189	1.052526	0.514848
ENSG000001996	CDC27	cell divisio	ENSG0000018214509	-0.38626	0.750281	-0.51482
ENSG0000019442	MED27	mediator c	ENSG0000011272501	0.76773	1.491824	0.514625
ENSG00000179230	ZNF557	zinc finger	ENSG0000011272501	0.76773	1.491824	0.514625
ENSG0000018644	AKR1C3	aldo-keto r	ENSG0000011185858	-0.83165	1.616136	-0.51459
ENSG00000192610	TIFA	TRAF inter	ENSG0000011925857	0.64705	1.257645	0.514493
ENSG0000016920	TCEA3	transcripti	ENSG0000017211182	0.394437	0.766786	0.514403
ENSG000001343450	KCNT2	potassium	ENSG0000011077545	0.886123	1.722672	0.514389
ENSG0000018826	IQGAP1	IQ motif cc	ENSG0000013173082	0.285971	0.555948	0.514384
ENSG0000015998	RGS3	regulator c	ENSG0000019796294	-0.37152	0.722321	-0.51434
ENSG00000123173	METAP1	methionyl	ENSG0000016087838	0.444355	0.863996	0.514302

ENSG0000029952	DPP7	dipeptidyl	ENSG0000029952	25.9921	-0.58494	1.137362	-0.51429
ENSG0000055844	PPP2R2D	protein phosphatase 2	ENSG0000055844	37.80099	0.490817	0.955525	0.513662
ENSG000009031	BAZ1B	bromodomain	ENSG000009031	154.9278	-0.32525	0.633213	-0.51364
ENSG000010797	MTHFD2	methylene tetrahydrofolate	ENSG000010797	37.72305	0.493168	0.960177	0.513622
ENSG0000055183	RIF1	replication initiator factor 1	ENSG0000055183	119.8833	-0.35072	0.682877	-0.51359
ENSG00000714	C1QC	complement C1q	ENSG00000714	62.77889	1.219175	2.37404	0.513544
ENSG000008985	PLOD3	procollagen 3	ENSG000008985	21.49715	-0.64529	1.256854	-0.51342
ENSG000009760	TOX	thymocyte	ENSG000009760	6.337264	1.062706	2.070021	0.513379
ENSG0000079188	TMEM43	transmembrane protein 43	ENSG0000079188	73.88286	0.389581	0.758857	0.513378
ENSG000003688	ITGB1	integrin subunit beta 1	ENSG000003688	587.8512	0.268173	0.522397	0.513351
ENSG0000083440	ADPGK	ADP dependent glycerol kinase	ENSG0000083440	29.17205	0.549598	1.070743	0.513286
ENSG00000261434			ENSG00000261434	14.49199	-0.78522	1.529863	-0.51326
ENSG0000010196	PRMT3	protein arginine methyltransferase 3	ENSG0000010196	22.60958	0.601672	1.172279	0.51325
ENSG0000055293	UEVLD	UEV and late domain	ENSG0000055293	28.31752	-0.56521	1.101629	-0.51307
ENSG000005037	PEBP1	phosphatic	ENSG000005037	343.3032	0.285189	0.555987	0.512942
ENSG00000248971			ENSG00000248971	12.68604	0.770158	1.501953	0.512771
ENSG000002195	FAT1	FAT atypical 1	ENSG000002195	244.7173	-0.29636	0.578328	-0.51244
ENSG0000080177	MYCT1	MYC target 1	ENSG0000080177	35.12154	-0.51814	1.01158	-0.51221
ENSG000009980	DOP1B	DOP1 leukemia	ENSG000009980	45.15612	-0.51223	1.000082	-0.51219
ENSG000001803	DPP4	dipeptidyl peptidase 4	ENSG000001803	6.809252	-1.08169	2.112358	-0.51208
ENSG0000064283	ARHGEF28	Rho guanine nucleotide exchange factor 28	ENSG0000064283	6.809252	-1.08169	2.112358	-0.51208
ENSG0000025913	POT1	protection of telomeres 1	ENSG0000025913	27.60843	0.553759	1.081576	0.511993
ENSG00000317648	NOP14-AS1	NOP14 antisense 1	ENSG00000317648	9.432591	-0.94723	1.850578	-0.51185
ENSG0000063934	ZNF667	zinc finger protein 667	ENSG0000063934	11.81961	-0.82868	1.619221	-0.51178
ENSG0000010026	PIGK	phosphatic	ENSG0000010026	39.51043	0.480777	0.939487	0.511744
ENSG000005864	RAB3A	RAB3A, membrane associated	ENSG000005864	9.526884	-0.95175	1.860176	-0.51165
ENSG00000213700			ENSG00000213700	4.107967	-1.40653	2.749536	-0.51155
ENSG0000026266	SLC13A4	solute carrier family 13 member 4	ENSG0000026266	9.364716	-0.92547	1.809364	-0.51149
ENSG000002495	FTH1	ferritin heavy chain 1	ENSG000002495	14.35023	0.724574	1.417181	0.511278
ENSG00000146923	RUNDC1	RUN domain containing 1	ENSG00000146923	19.08751	-0.67337	1.317145	-0.51123
ENSG0000063929	XPNPEP3	X-prolyl aminopeptidase 3	ENSG0000063929	57.76604	-0.43364	0.84833	-0.51117
ENSG0000023355	VPS8	VPS8, CORO1A	ENSG0000023355	126.0248	0.334597	0.655005	0.510832
ENSG000001739	DLG1	discs large 1	ENSG000001739	68.80606	-0.4058	0.794388	-0.51083
ENSG0000092249	LINC01278	long intergenic non-coding RNA 1278	ENSG0000092249	14.26822	-0.75988	1.487825	-0.51073
ENSG0000011243	PMF1	polyamine oxidase 1	ENSG0000011243	11.84223	-0.83451	1.634457	-0.51057
ENSG0000091750	LIN52	lin-52 DREX1	ENSG0000091750	11.84223	-0.83451	1.634457	-0.51057
ENSG000009103	FCGR2C	Fc gamma receptor 2C	ENSG000009103	7.978829	0.938002	1.837321	0.510527
ENSG0000026043	UBXN7	UBX domain containing 7	ENSG0000026043	81.95402	-0.38102	0.746354	-0.51051
ENSG0000010630	PDPN	podoplanin	ENSG0000010630	18.98694	-0.66558	1.303779	-0.5105
ENSG0000051388	NIP7	NIP7, nuclear pore complex	ENSG0000051388	11.08344	0.815566	1.597904	0.510398
ENSG000009726	ZNF646	zinc finger protein 646	ENSG000009726	25.96948	-0.58221	1.140783	-0.51036
ENSG000004256	MGP	matrix Gla protein	ENSG000004256	169.4734	0.335894	0.658469	0.510113
ENSG0000079862	ZNF669	zinc finger protein 669	ENSG0000079862	4.068994	-1.39879	2.742929	-0.50996
ENSG0000079581	SLC52A2	solute carrier family 52 member 2	ENSG0000079581	4.068994	-1.39879	2.742929	-0.50996
ENSG00000100874018	EPN2-AS1	EPN2 antisense 1	ENSG00000100874018	4.068994	-1.39879	2.742929	-0.50996
ENSG0000090987	ZNF251	zinc finger protein 251	ENSG0000090987	14.2745	-0.7671	1.504582	-0.50984
ENSG000009943	OXSR1	oxidative stress response 1	ENSG000009943	66.58121	-0.41006	0.80441	-0.50977

ENSG0000010807	ENSG0000010807	ENTR1	endosome	ENSG0000010807	15.85225	0.708922	1.390715	0.509754
ENSG000005771	ENSG000005771	PTPN2	protein tyr	ENSG000005771	22.59323	0.598729	1.17553	0.509326
ENSG0000023642	ENSG0000023642	SNHG1	small nucle	ENSG0000023642	9.325743	-0.92181	1.810345	-0.50919
ENSG0000055812	ENSG0000055812	SPATA7	spermatog	ENSG0000055812	9.325743	-0.92181	1.810345	-0.50919
ENSG000002686	ENSG000002686	GGT7	gamma-glu	ENSG000002686	9.325743	-0.92181	1.810345	-0.50919
ENSG0000010483	ENSG0000010483	SEC23B	Sec23 hom	ENSG0000010483	18.97059	-0.66731	1.311036	-0.509
ENSG00000112616	ENSG00000112616	CMTM7	CKLF like M	ENSG00000112616	6.398862	1.037514	2.038536	0.508951
ENSG000008847	ENSG000008847	DLEU2	deleted in	ENSG000008847	6.398862	1.037514	2.038536	0.508951
ENSG000006146	ENSG000006146	RPL22	ribosomal	ENSG000006146	113.6979	0.345077	0.678033	0.508938
ENSG000007942	ENSG000007942	TFEB	transcripti	ENSG000007942	19.30383	0.635875	1.249947	0.508722
ENSG000006484	ENSG000006484	ST3GAL4	ST3 beta-g	ENSG000006484	19.30383	0.635875	1.249947	0.508722
ENSG000003428	ENSG000003428	IFI16	interferon	ENSG000003428	97.09077	0.42036	0.826535	0.508582
ENSG0000057669	ENSG0000057669	EPB41L5	erythrocyt	ENSG0000057669	39.24769	0.493934	0.971993	0.508166
ENSG0000051397	ENSG0000051397	COMMDD1C	COMM dor	ENSG0000051397	23.62143	-0.60273	1.186242	-0.5081
ENSG00000118980	ENSG00000118980	SFXN2	sideroflexi	ENSG00000118980	9.234459	0.943376	1.856704	0.508092
ENSG00000246184	ENSG00000246184	CDC26	cell divisio	ENSG00000246184	6.770279	-1.07683	2.119658	-0.50802
ENSG000009836	ENSG000009836	LCMT2	leucine car	ENSG000009836	6.770279	-1.07683	2.119658	-0.50802
ENSG00000137886	ENSG00000137886	UBXN2B	UBX domai	ENSG00000137886	42.72569	0.482542	0.950092	0.50789
ENSG0000085440	ENSG0000085440	DOCK7	dedicator c	ENSG0000085440	39.60394	-0.48921	0.963398	-0.5078
ENSG000009988	ENSG000009988	DMTF1	cyclin D bir	ENSG000009988	70.81342	-0.39736	0.7827	-0.50768
ENSG00000100996732	ENSG00000100996732	LOC100996732	uncharacte	ENSG00000100996732	1.283486	-2.41717	4.761481	-0.50765
ENSG00000226862	ENSG00000226862			ENSG00000226862	1.283486	-2.41717	4.761481	-0.50765
ENSG00000642946	ENSG00000642946	FLVCR1-DT	FLVCR1 div	ENSG00000642946	1.283486	-2.41717	4.761481	-0.50765
ENSG00000375189	ENSG00000375189	PFN4	profilin fan	ENSG00000375189	1.283486	-2.41717	4.761481	-0.50765
ENSG0000010669	ENSG0000010669	CGREF1	cell growth	ENSG0000010669	1.283486	-2.41717	4.761481	-0.50765
ENSG00000227799	ENSG00000227799			ENSG00000227799	1.283486	-2.41717	4.761481	-0.50765
ENSG000002016	ENSG000002016	EMX1	empty spir	ENSG000002016	1.283486	-2.41717	4.761481	-0.50765
ENSG00000285141	ENSG00000285141	ERICH2	glutamate	ENSG00000285141	1.283486	-2.41717	4.761481	-0.50765
ENSG0000010087401C	ENSG0000010087401C	NLGN1-AS	NLGN1 ant	ENSG0000010087401C	1.283486	-2.41717	4.761481	-0.50765
ENSG0000055214	ENSG0000055214	P3H2	prolyl 3-hy	ENSG0000055214	1.283486	-2.41717	4.761481	-0.50765
ENSG00000249216	ENSG00000249216			ENSG00000249216	1.283486	-2.41717	4.761481	-0.50765
ENSG00000441054	ENSG00000441054	C4orf47	chromosor	ENSG00000441054	1.283486	-2.41717	4.761481	-0.50765
ENSG00000233974	ENSG00000233974			ENSG00000233974	1.283486	-2.41717	4.761481	-0.50765
ENSG00000251682	ENSG00000251682			ENSG00000251682	1.283486	-2.41717	4.761481	-0.50765
ENSG0000056133	ENSG0000056133	PCDHB2	protocadhe	ENSG0000056133	1.283486	-2.41717	4.761481	-0.50765
ENSG00000234567	ENSG00000234567			ENSG00000234567	1.283486	-2.41717	4.761481	-0.50765
ENSG00000100507308	ENSG00000100507308	TARID	TCF21 anti	ENSG00000100507308	1.283486	-2.41717	4.761481	-0.50765
ENSG00000223414	ENSG00000223414			ENSG00000223414	1.283486	-2.41717	4.761481	-0.50765
ENSG00000227508	ENSG00000227508			ENSG00000227508	1.283486	-2.41717	4.761481	-0.50765
ENSG00000244556	ENSG00000244556			ENSG00000244556	1.283486	-2.41717	4.761481	-0.50765
ENSG00000254527	ENSG00000254527			ENSG00000254527	1.283486	-2.41717	4.761481	-0.50765
ENSG00000259953	ENSG00000259953			ENSG00000259953	1.283486	-2.41717	4.761481	-0.50765
ENSG00000389799	ENSG00000389799	CFAP77	cilia and fl	ENSG00000389799	1.283486	-2.41717	4.761481	-0.50765
ENSG00000271933	ENSG00000271933			ENSG00000271933	1.283486	-2.41717	4.761481	-0.50765
ENSG00000228061	ENSG00000228061			ENSG00000228061	1.283486	-2.41717	4.761481	-0.50765
ENSG0000055199	ENSG0000055199	FAM86C1	family with	ENSG0000055199	1.283486	-2.41717	4.761481	-0.50765
ENSG00000256973	ENSG00000256973			ENSG00000256973	1.283486	-2.41717	4.761481	-0.50765

ENSG00000180189			ENSG000001283486	-2.41717	4.761481	-0.50765
ENSG00000258824			ENSG000001283486	-2.41717	4.761481	-0.50765
ENSG00000274397			ENSG000001283486	-2.41717	4.761481	-0.50765
ENSG00000259585			ENSG000001283486	-2.41717	4.761481	-0.50765
ENSG0000085455	DISP2	dispatched	ENSG000001283486	-2.41717	4.761481	-0.50765
ENSG00000259659			ENSG000001283486	-2.41717	4.761481	-0.50765
ENSG0000050506	DUOX2	dual oxidase	ENSG000001283486	-2.41717	4.761481	-0.50765
ENSG00000145788	C15orf65	chromosome	ENSG000001283486	-2.41717	4.761481	-0.50765
ENSG00000212664			ENSG000001283486	-2.41717	4.761481	-0.50765
ENSG000008128	ST8SIA2	ST8 alpha-	ENSG000001283486	-2.41717	4.761481	-0.50765
ENSG00000276564			ENSG000001283486	-2.41717	4.761481	-0.50765
ENSG00000260953			ENSG000001283486	-2.41717	4.761481	-0.50765
ENSG00000261061			ENSG000001283486	-2.41717	4.761481	-0.50765
ENSG00000146760	RTN4RL1	reticulon 4	ENSG000001283486	-2.41717	4.761481	-0.50765
ENSG00000263847			ENSG000001283486	-2.41717	4.761481	-0.50765
ENSG00000276097			ENSG000001283486	-2.41717	4.761481	-0.50765
ENSG00000267262			ENSG000001283486	-2.41717	4.761481	-0.50765
ENSG00000271095			ENSG000001283486	-2.41717	4.761481	-0.50765
ENSG00000267557			ENSG000001283486	-2.41717	4.761481	-0.50765
ENSG0000022974	TPX2	TPX2, micro	ENSG000001283486	-2.41717	4.761481	-0.50765
ENSG0000084221	SPATC1L	spermatogoni	ENSG000001283486	-2.41717	4.761481	-0.50765
ENSG00000273350			ENSG000001283486	-2.41717	4.761481	-0.50765
ENSG0000084631	SLITRK2	SLIT and NRP	ENSG000001283486	-2.41717	4.761481	-0.50765
ENSG0000026003	GORASP2	golgi reassembly	ENSG0000042.94566	0.464336	0.91479	0.507587
ENSG00000124808	CCDC43	coiled-coil domain	ENSG0000021.00699	0.613204	1.208172	0.507547
ENSG000006782	HSPA13	heat shock protein	ENSG0000043.02361	0.462191	0.910843	0.507432
ENSG00000401152	C4orf3	chromosome	ENSG00000105.2575	0.348297	0.686496	0.507355
ENSG0000010274	STAG1	stromal antigen	ENSG0000068.62755	0.399031	0.786623	0.507271
ENSG00000229689			ENSG000006.909822	-1.10205	2.173125	-0.50713
ENSG00000283314	C1RL-AS1	C1RL antisense	ENSG000007.939857	0.941134	1.855979	0.507082
ENSG000007013	TERF1	telomeric repeat	ENSG0000023.62771	-0.60702	1.197172	-0.50704
ENSG0000057827	C6orf47	chromosome	ENSG0000024.33537	0.57989	1.144318	0.506756
ENSG000003547	IGSF1	immunoglobulin	ENSG000004.89684	1.1919	2.352543	0.506643
ENSG00000655	BMP7	bone morphogenetic	ENSG0000012.86233	2.275737	4.491963	0.506624
ENSG0000023140	ZZEF1	zinc finger	ENSG00000156.6951	-0.31966	0.631015	-0.50658
ENSG00000215	ABCD1	ATP binding cassette	ENSG0000012.78661	0.756122	1.492673	0.506556
ENSG0000011129	CLASRP	CLK4 associated	ENSG0000018.99322	-0.67093	1.324544	-0.50654
ENSG0000081605	URM1	ubiquitin receptor	ENSG0000021.27339	-0.62799	1.239798	-0.50653
ENSG00000228423			ENSG000003.294247	1.557329	3.07566	0.50634
ENSG0000055223	TRIM62	tripartite motif	ENSG000003.294247	1.557329	3.07566	0.50634
ENSG00000123	PLIN2	perilipin 2	ENSG00000117.1757	-0.34338	0.678243	-0.50628
ENSG000005274	SERPINI1	serpin family	ENSG000009.581422	0.857234	1.69392	0.506065
ENSG0000084448	ABLIM2	actin binding	ENSG0000014.20663	-0.75235	1.487152	-0.5059
ENSG000009603	NFE2L3	nuclear factor	ENSG0000025.91416	-0.58182	1.150086	-0.50589
ENSG00000134145	FAM173B	family with	ENSG0000014.41182	0.714418	1.4125	0.505783
ENSG0000055660	PRPF40A	pre-mRNA splicing	ENSG0000077.52551	0.378075	0.747737	0.505625
ENSG0000026018	LRIG1	leucine rich	ENSG00000110.7514	-0.3502	0.692628	-0.5056

ENSG0000019849	ZNF518A	zinc finger	ENSG00000156.79722	0.418223	0.827834	0.505201
ENSG0000018458	TTF2	transcription factor	ENSG00000116.05339	0.686156	1.358342	0.505143
ENSG0000016185	RPN2	ribophorin	ENSG000001114.0386	0.339305	0.671825	0.505050
ENSG00000110634	GAS2L1	growth arrest	ENSG0000016.353612	1.080065	2.138583	0.505038
ENSG0000018767	RIPK2	receptor in	ENSG0000019.542449	0.860085	1.703066	0.505022
ENSG00000154892	NCAPG2	non-SMC c	ENSG0000019.303118	-0.91431	1.810497	-0.505000
ENSG00000261799			ENSG0000019.303118	-0.91431	1.810497	-0.505000
ENSG00000187178	PNPT1	polyribonucle	ENSG00000127.73163	0.54357	1.076484	0.504950
ENSG00000110525	HYOU1	hypoxia up	ENSG00000186.55333	-0.37729	0.747303	-0.504870
ENSG000001101928578	RAP2C-AS1	RAP2C anti	ENSG0000019.403688	-0.92938	1.840988	-0.504830
ENSG00000183719	YPEL3	yippee like	ENSG00000124.38062	0.571458	1.132856	0.504441
ENSG0000012053	EPHX2	epoxide hydrolase	ENSG00000121.31236	-0.62984	1.248885	-0.504320
ENSG0000017584	ZNF35	zinc finger	ENSG00000111.75801	-0.81972	1.625601	-0.504260
ENSG0000018548	BLZF1	basic leucine zipper	ENSG00000119.36542	0.628468	1.246402	0.504225
ENSG00000127031	NPHP3	nephrocystin	ENSG0000016.747654	-1.06667	2.115461	-0.504220
ENSG00000193109	TMEM44	transmembrane	ENSG0000016.747654	-1.06667	2.115461	-0.504220
ENSG00000157586	SYT13	synaptotagmin	ENSG0000016.747654	-1.06667	2.115461	-0.504220
ENSG00000127250	PDCD4	programmed cell death	ENSG00000150.80613	-0.44417	0.88095	-0.504190
ENSG00000155970	GNG12	G protein subunit	ENSG00000186.14438	0.367082	0.728158	0.504125
ENSG000001255403	ZNF718	zinc finger	ENSG00000114.18806	0.748082	1.483923	0.504124
ENSG00000110190	TXNDC9	thioredoxin domain	ENSG00000116.07602	0.679249	1.347419	0.504111
ENSG0000014898	NRDC	nardilysin coreceptor	ENSG000001139.1301	-0.32734	0.649724	-0.503820
ENSG00000123065	EMC1	ER membrane protein	ENSG00000168.48173	-0.39758	0.789146	-0.503810
ENSG0000015930	RBBP6	RB binding protein	ENSG00000166.25688	-0.40158	0.797765	-0.503380
ENSG0000011760	DMPK	DM1 protein	ENSG00000158.56826	0.411321	0.817256	0.503296
ENSG00000154529	ASNSD1	asparagine synthetase	ENSG00000141.28147	0.468273	0.930581	0.503205
ENSG00000151645	PPIL1	peptidyl prolyl isomerase	ENSG00000154.66666	0.443483	0.881525	0.503086
ENSG0000019529	BAG5	BCL2 associated protein	ENSG00000141.80616	-0.47613	0.946525	-0.503030
ENSG000001137902	PXDNL	peroxidase	ENSG00000173.24948	-0.39699	0.789386	-0.502910
ENSG000001541471	MIR4435-2	MIR4435-2	ENSG00000120.99064	0.609951	1.213613	0.502591
ENSG0000014603	MYBL1	MYB proto-oncogene	ENSG0000014.046369	-1.38241	2.750656	-0.502580
ENSG000001170647			ENSG0000014.046369	-1.38241	2.750656	-0.502580
ENSG00000179922	MRM1	mitochondrial ribosomal	ENSG0000014.046369	-1.38241	2.750656	-0.502580
ENSG000001115294	PCMTD1	protein-L-isoalloxazine	ENSG000001204.3842	0.303677	0.604287	0.502538
ENSG0000014055	LTBR	lymphotoxin receptor	ENSG00000132.98719	-0.54292	1.08088	-0.502300
ENSG0000012581	GALC	galactosylceramidase	ENSG00000134.45626	0.501237	0.998215	0.502133
ENSG000001100134229	KDM7A-DT	KDM7A divergent	ENSG0000016.46046	1.012887	2.018086	0.501905
ENSG0000019197	SLC33A1	solute carrier	ENSG00000139.69523	0.470232	0.937059	0.501817
ENSG0000016041	RNASEL	ribonuclease	ENSG00000111.78064	-0.82553	1.645253	-0.501760
ENSG0000011759	DNM1	dynamamin 1	ENSG00000111.78064	-0.82553	1.645253	-0.501760
ENSG00000155958	KLHL9	kelch like family	ENSG00000137.20057	-0.49556	0.987694	-0.501740
ENSG00000127292	DIMT1	DIM1 dimethyltransferase	ENSG00000126.06744	0.55468	1.105566	0.501716
ENSG00000160684	TRAPPC11	trafficking protein	ENSG00000137.17795	-0.49369	0.984225	-0.501610
ENSG0000015321	PLA2G4A	phospholipase	ENSG0000018.001454	0.921743	1.837625	0.501595
ENSG00000110243	GPHN	gephyrin	ENSG00000128.1717	-0.55484	1.106362	-0.501500
ENSG0000019592	IER2	immediate early response	ENSG00000111.77436	-0.81675	1.629147	-0.501340
ENSG0000018653	DDX3Y	DEAD-box protein	ENSG00000181.685	-0.37449	0.747149	-0.501230

ENSG00000123604	DAPK2	death asso	ENSG00000161.88512	-0.41204	0.822645	-0.50087
ENSG0000018241	RBM10	RNA bindir	ENSG00000130.55872	-0.54274	1.083845	-0.50076
ENSG000001283991	UBALD2	UBA like d	ENSG0000019.264145	-0.91062	1.818578	-0.50073
ENSG00000154808	DYM	dymeclin	ENSG00000160.33302	0.406889	0.81312	0.500404
ENSG00000110229	COQ7	coenzyme	ENSG00000137.87894	0.48832	0.975986	0.500335
ENSG00000123598	PATZ1	POZ/BTB a	ENSG00000116.65524	-0.70591	1.411081	-0.50026
ENSG00000180012	PHC3	polyhomec	ENSG000001162.8869	-0.31173	0.623409	-0.50004
ENSG000001157638	FAM84B	family with	ENSG00000121.17282	-0.62102	1.242785	-0.4997
ENSG00000122913	RALY	RALY heter	ENSG00000161.92554	0.405449	0.811477	0.499644
ENSG000001847	CAT	catalase	ENSG00000198.46122	0.349901	0.700351	0.499608
ENSG0000019044	BTAF1	B-TFIID TA	ENSG00000177.6011	-0.39122	0.783106	-0.49957
ENSG000001147657	ZNF480	zinc finger	ENSG00000129.48004	0.525549	1.052283	0.499437
ENSG0000013837	KPNB1	karyopheri	ENSG000001224.2415	0.29073	0.582185	0.499377
ENSG00000154797	MED18	mediator c	ENSG0000019.558797	0.869806	1.741949	0.499329
ENSG00000110236	HNRNPR	heterogen	ENSG000001117.0136	-0.34086	0.68265	-0.49932
ENSG0000010257027			ENSG0000019.604047	0.844302	1.690982	0.499297
ENSG000001112869	SGF29	SAGA com	ENSG0000019.604047	0.844302	1.690982	0.499297
ENSG00000157215	THAP11	THAP dom	ENSG0000019.604047	0.844302	1.690982	0.499297
ENSG0000011912	PHC2	polyhomec	ENSG000001147.9044	0.332039	0.665136	0.499205
ENSG00000155924	INKA2	inka box ac	ENSG00000166.83768	0.409545	0.82058	0.499091
ENSG0000019758	FRMPD4	FERM and	ENSG0000016.786627	-1.07179	2.1483	-0.4989
ENSG0000019643	MORF4L2	mortality f	ENSG000001105.5265	0.342312	0.68627	0.498801
ENSG00000157159	TRIM54	tripartite n	ENSG000001130.2307	-0.3306	0.663086	-0.49858
ENSG00000181542	TMX1	thioredoxi	ENSG00000132.89264	0.502384	1.007973	0.49841
ENSG00000123253	ANKRD12	ankyrin re	ENSG000001133.1542	0.326157	0.654704	0.498175
ENSG000001377	ARF3	ADP ribosy	ENSG00000148.1909	0.439817	0.883004	0.498092
ENSG0000014967	OGDH	oxoglutara	ENSG000001700.1914	-0.26247	0.527026	-0.49801
ENSG00000181572	PDRG1	p53 and D	ENSG0000014.981063	1.128608	2.266544	0.497942
ENSG0000010241990			ENSG0000014.981063	1.128608	2.266544	0.497942
ENSG00000156654	NPDC1	neural prol	ENSG00000114.184	-0.74743	1.50213	-0.49758
ENSG0000011947	EFNB1	ephrin B1	ENSG00000118.82477	-0.65208	1.310717	-0.4975
ENSG00000164927	TTC23	tetratricop	ENSG00000123.48189	-0.59471	1.195472	-0.49746
ENSG00000180347	COASY	Coenzyme	ENSG00000123.48189	-0.59471	1.195472	-0.49746
ENSG00000122809	ATF5	activating t	ENSG0000016.708681	-1.06172	2.13436	-0.49744
ENSG00000164135	IFIH1	interferon	ENSG00000116.11499	0.677074	1.36226	0.497022
ENSG00000154536	EXOC6	exocyst co	ENSG00000126.14538	0.551623	1.110232	0.496854
ENSG000001642273	FAM110C	family with	ENSG0000014.007396	-1.37458	2.768313	-0.49654
ENSG00000123314	SATB2	SATB hom	ENSG0000014.007396	-1.37458	2.768313	-0.49654
ENSG0000014974	OMG	oligodendr	ENSG0000014.007396	-1.37458	2.768313	-0.49654
ENSG00000157418	WDR18	WD repeat	ENSG0000014.007396	-1.37458	2.768313	-0.49654
ENSG00000179048	SECISBP2	SECIS bindi	ENSG00000159.67911	-0.42131	0.84869	-0.49643
ENSG000001254102	EHBP1L1	EH domain	ENSG000001151.779	-0.31408	0.632725	-0.49639
ENSG00000180823	BHLHB9	basic helix-	ENSG00000111.69641	-0.81069	1.633282	-0.49636
ENSG00000180704	SLC19A3	solute carr	ENSG0000017.701963	-2.44187	4.921249	-0.49619
ENSG00000110134	BCAP31	B cell rece	ENSG00000151.7267	0.425255	0.857446	0.495956
ENSG0000011788	DNMT3A	DNA meth	ENSG00000130.29598	-0.5289	1.066479	-0.49593
ENSG0000011967	EIF2B1	eukaryotic	ENSG00000129.54164	0.5208	1.050164	0.495922

ENSG00000184307	ZNF397	zinc finger	ENSG00000139362	-0.47884	0.965569	-0.49591
ENSG0000019583	ENTPD4	ectonucleo	ENSG0000017770403	0.374166	0.754712	0.495774
ENSG000001100289019	SLC25A25	SLC25A25	ENSG0000016686056	-1.05149	2.121096	-0.49573
ENSG000001400657	LINC00909	long interg	ENSG0000016686056	-1.05149	2.121096	-0.49573
ENSG000001113402	SFT2D1	SFT2 doma	ENSG0000011270866	0.761414	1.537224	0.495317
ENSG000001204851	HIPK1	homeodon	ENSG0000011561218	-0.31155	0.629174	-0.49517
ENSG00000123635	SSBP2	single strar	ENSG0000015698829	0.408708	0.82552	0.495091
ENSG00000151649	MRPS23	mitochond	ENSG0000016734302	0.389751	0.787566	0.49488
ENSG00000179109	MAPKAP1	mitogen-ac	ENSG000001903091	-0.35831	0.724198	-0.49477
ENSG00000193587	TRMT10A	tRNA meth	ENSG0000018063052	0.902659	1.825056	0.494593
ENSG0000013007	HIST1H1D	histone clu	ENSG0000018063052	0.902659	1.825056	0.494593
ENSG000001113	ADCY7	adenylate	ENSG0000018063052	0.902659	1.825056	0.494593
ENSG00000154555	DDX49	DEAD-box	ENSG0000018063052	0.902659	1.825056	0.494593
ENSG0000012775	GNAO1	G protein s	ENSG0000012182149	-0.67061	1.356365	-0.49441
ENSG0000017011	TEP1	telomeras	ENSG0000014965395	0.445131	0.900622	0.494248
ENSG00000155230	USP40	ubiquitin s	ENSG000001325598	-0.51258	1.037408	-0.49409
ENSG0000017466	WFS1	wolframini	ENSG0000015361805	-0.45633	0.924327	-0.49369
ENSG00000151295	ECSIT	ECSIT sign	ENSG000001587078	0.407217	0.824927	0.49364
ENSG0000015602	MAPK10	mitogen-ac	ENSG0000011126824	0.775604	1.57214	0.493343
ENSG00000154535	CCHCR1	coiled-coil	ENSG0000016725029	-1.05652	2.141716	-0.49331
ENSG000001859	CAV3	caveolin 3	ENSG0000011782443	0.636331	1.290068	0.493254
ENSG00000123036	ZNF292	zinc finger	ENSG0000011166252	-0.33296	0.675082	-0.49321
ENSG00000110327	AKR1A1	aldo-keto r	ENSG0000011415131	-0.75195	1.524857	-0.49313
ENSG0000019519	TBPL1	TATA-box k	ENSG0000011453502	0.694312	1.408203	0.493048
ENSG0000016142	RPL18A	ribosomal	ENSG0000017733065	0.381765	0.774319	0.493033
ENSG00000111092	SPACA9	sperm acrc	ENSG0000016522058	0.988707	2.005422	0.493017
ENSG0000010229152			ENSG0000016522058	0.988707	2.005422	0.493017
ENSG00000122821	RASA3	RAS p21 pr	ENSG0000012108859	-0.61246	1.242293	-0.49301
ENSG000001206358	SLC36A1	solute carr	ENSG0000012095167	0.612009	1.241606	0.492917
ENSG00000155161	TMEM33	transmeml	ENSG0000016224988	0.394883	0.80119	0.49287
ENSG0000015414	SEPT4	septin 4	ENSG0000014305251	0.456889	0.927259	0.492731
ENSG0000010230092			ENSG0000013462694	1.349344	2.739024	0.492637
ENSG000001729582	DIRC3	disrupted i	ENSG0000013462694	1.349344	2.739024	0.492637
ENSG00000191937	TIMD4	T cell imm	ENSG0000013462694	1.349344	2.739024	0.492637
ENSG000001730101	LOC730101	uncharacte	ENSG0000013462694	1.349344	2.739024	0.492637
ENSG00000123616	SH3BP1	SH3 domai	ENSG0000013462694	1.349344	2.739024	0.492637
ENSG0000018379	MAD1L1	mitotic arr	ENSG0000011171904	-0.81647	1.657495	-0.49259
ENSG00000150507	NOX4	NADPH oxi	ENSG0000019665645	0.828714	1.682703	0.49249
ENSG0000010226015			ENSG0000013984771	-1.35795	2.75751	-0.49245
ENSG0000010231731			ENSG0000013984771	-1.35795	2.75751	-0.49245
ENSG0000019254	CACNA2D2	calcium vo	ENSG0000013984771	-1.35795	2.75751	-0.49245
ENSG000001115708	TRMT61A	tRNA meth	ENSG0000013984771	-1.35795	2.75751	-0.49245
ENSG000001646278	PDCD6IPP2	PDCD6IP p	ENSG0000013984771	-1.35795	2.75751	-0.49245
ENSG0000012670	GFAP	glial fibrilla	ENSG0000013984771	-1.35795	2.75751	-0.49245
ENSG0000010223704			ENSG0000013984771	-1.35795	2.75751	-0.49245
ENSG00000123551	RASD2	RASD famil	ENSG0000013984771	-1.35795	2.75751	-0.49245
ENSG00000157508	INTS2	integrator	ENSG0000012797056	-0.544	1.104755	-0.49242

ENSG0000018839	WISP2	WNT1 indu	ENSG0000016.16024	0.663418	1.347268	0.492417
ENSG0000011332	ACOT7	acyl-CoA th	ENSG0000016.499433	1.00933	2.049919	0.492375
ENSG000001105373979	LINC01880	long interg	ENSG0000016.499433	1.00933	2.049919	0.492375
ENSG0000013831	KLC1	kinesin lig	ENSG00000132.5887	-0.51771	1.05152	-0.49235
ENSG00000155605	KIF21A	kinesin fan	ENSG000001122.249	-0.34865	0.708745	-0.49192
ENSG00000179155	TNIP2	TNFAIP3 in	ENSG00000123.42029	-0.58999	1.199554	-0.49184
ENSG000001374986	MIGA1	mitoguardi	ENSG00000141.59874	-0.46628	0.948736	-0.49148
ENSG000001404093	CUEDC1	CUE domai	ENSG00000137.0095	-0.48382	0.984641	-0.49136
ENSG0000014830	NME1	NME/NM2	ENSG0000014.673074	1.306697	2.661485	0.490965
ENSG0000018674	VAMP4	vesicle ass	ENSG00000121.17543	0.589702	1.201173	0.490938
ENSG0000014501	MT1X	metallothi	ENSG00000125.81359	-0.57582	1.172945	-0.49092
ENSG0000019920	KBTBD11	kelch repe	ENSG00000116.19921	0.661333	1.347161	0.490909
ENSG0000014351	MPI	mannose p	ENSG00000161.82248	0.414671	0.844852	0.490821
ENSG0000014722	NDUFS3	NADH:ubic	ENSG00000160.56306	0.397156	0.809193	0.490805
ENSG00000110645	CAMKK2	calcium/ca	ENSG00000134.69638	0.489333	0.997359	0.490629
ENSG00000155856	ACOT13	acyl-CoA th	ENSG00000124.54279	0.558289	1.138885	0.490206
ENSG000001286336	FAM78A	family with	ENSG00000139.66632	0.475956	0.971043	0.490149
ENSG00000164979	MRPL36	mitochond	ENSG0000019.218895	-0.89549	1.82706	-0.49012
ENSG0000019013	TAF1C	TATA-box k	ENSG00000116.3925	-0.6816	1.390688	-0.49012
ENSG00000155209	SETD5	SET domai	ENSG000001153.6569	-0.30929	0.631136	-0.49006
ENSG00000164324	NSD1	nuclear rec	ENSG000001169.6759	-0.31049	0.633695	-0.48997
ENSG000001284349	ZNF283	zinc finger	ENSG00000126.25223	0.538548	1.09944	0.489838
ENSG00000151126	NAA20	N(alpha)-a	ENSG00000122.8786	0.572076	1.168506	0.489579
ENSG00000179003	MIS12	MIS12, kin	ENSG00000114.02183	-0.72957	1.490291	-0.48955
ENSG0000018997	KALRN	kalirin Rho	ENSG00000197.2715	-0.36059	0.736587	-0.48954
ENSG000001163131	ZNF780B	zinc finger	ENSG00000143.76199	-0.454	0.927511	-0.48948
ENSG00000193550	ZFAND4	zinc finger	ENSG00000118.7858	-0.64996	1.327912	-0.48946
ENSG00000190627	STARD13	StAR relate	ENSG00000175.34486	-0.38943	0.796116	-0.48917
ENSG00000164750	SMURF2	SMAD spec	ENSG00000141.60581	0.452651	0.925441	0.489119
ENSG00000110566	AKAP3	A-kinase ar	ENSG0000013.501666	1.345974	2.751932	0.489101
ENSG000001221035	REEP3	receptor ac	ENSG00000161.47656	-0.39997	0.817791	-0.48909
ENSG000001145748	LYSMD4	LysM dom	ENSG00000114.06081	-0.73216	1.497291	-0.48899
ENSG000001223082	ZNRF2	zinc and rir	ENSG00000111.10607	0.80549	1.64755	0.488902
ENSG00000122905	EPN2	epsin 2	ENSG00000152.9015	-0.43119	0.882041	-0.48885
ENSG00000127102	EIF2AK1	eukaryotic	ENSG00000169.21463	0.381891	0.781575	0.488617
ENSG000001253959	RALGAPA1	Ral GTPase	ENSG000001101.0801	-0.34254	0.70119	-0.48851
ENSG00000151019	WASHC3	WASH com	ENSG00000122.90122	0.567569	1.16212	0.488391
ENSG0000014257	MGST1	microsoma	ENSG00000130.49333	-0.54598	1.117929	-0.48838
ENSG00000184316	NAA38	N(alpha)-a	ENSG00000119.51124	0.608312	1.245878	0.48826
ENSG00000180020	FOXRED2	FAD depen	ENSG00000119.51124	0.608312	1.245878	0.48826
ENSG0000019793	CKAP5	cytoskelet	ENSG000001165.7579	-0.31758	0.650484	-0.48822
ENSG0000015074	PAWR	pro-apopt	ENSG00000121.027	-0.60725	1.244102	-0.4881
ENSG00000157214	CEMIP	cell migrati	ENSG00000111.63482	-0.80159	1.642357	-0.48808
ENSG00000163874	ABHD4	abhydrolas	ENSG00000123.35242	-0.5809	1.190188	-0.48807
ENSG00000179961	DENND2D	DENN dom	ENSG00000114.10161	2.158592	4.423209	0.488015
ENSG0000011736	DKC1	dyskerin p	ENSG00000126.21326	0.540075	1.106786	0.487967
ENSG000001550112	UBA6-AS1	UBA6 antis	ENSG0000013.524292	1.29951	2.664581	0.487698

ENSG0000010219	KLRG1	killer cell le	ENSG000003524292	1.29951	2.664581	0.487698
ENSG0000023026	MYO16	myosin XVI	ENSG000003524292	1.29951	2.664581	0.487698
ENSG00000100288637	LOC100288637	OTU deubi	ENSG000003524292	1.29951	2.664581	0.487698
ENSG00000145773	FAM81A	family with	ENSG000003524292	1.29951	2.664581	0.487698
ENSG0000011184	MAP4K1	mitogen-act	ENSG000003524292	1.29951	2.664581	0.487698
ENSG00000160313	GPBP1L1	GC-rich prc	ENSG00000156.6265	0.303954	0.623251	0.48769
ENSG00000164743	WDR13	WD repeat	ENSG0000048.11112	-0.43431	0.89138	-0.48723
ENSG0000014716	NDUFB10	NADH:ubiqu	ENSG00000163.8627	0.323787	0.664558	0.487222
ENSG00000155830	GLT8D1	glycosyltra	ENSG0000022.86225	0.569234	1.168352	0.487211
ENSG00000110402	ST3GAL6	ST3 beta-g	ENSG0000048.53786	0.424509	0.871635	0.487025
ENSG0000012027	ENO3	enolase 3	ENSG00000261.0874	0.315072	0.647032	0.486949
ENSG00000184311	MRPL45	mitochond	ENSG0000021.10494	-0.61095	1.254798	-0.48689
ENSG000001147906	DACT3	dishevellec	ENSG000006.663431	-1.04116	2.138638	-0.48683
ENSG00000151507	RTF2	replication	ENSG0000056.99836	0.411474	0.845245	0.486811
ENSG000001808	CALM3	calmodulin	ENSG00000163.5407	0.353139	0.725632	0.486665
ENSG00000111269	DDX19B	DEAD-box	ENSG000006.624458	-1.03617	2.129366	-0.48661
ENSG000001684	BST2	bone marr	ENSG0000026.2912	0.537034	1.103668	0.48659
ENSG0000016809	STX3	syntaxin 3	ENSG0000038.13788	0.466171	0.958152	0.486532
ENSG00000154850	FBXL12	F-box and	ENSG000008.12465	0.883831	1.817502	0.486289
ENSG00000166036	MTMR9	myotubula	ENSG0000048.28964	-0.43957	0.904054	-0.48622
ENSG000001284454	LOC284454	uncharacte	ENSG000008.102025	0.89939	1.850099	0.486131
ENSG00000127125	AFF4	AF4/FMR2	ENSG00000210.1554	-0.28738	0.591304	-0.48601
ENSG00000151421	AMOTL2	angiomotir	ENSG0000059.19012	-0.40259	0.828372	-0.486
ENSG00000180034	CSRNP3	cysteine ar	ENSG0000011.69014	-0.80179	1.650047	-0.48592
ENSG00000157217	TTC7A	tetratricop	ENSG0000014.59662	0.684344	1.408474	0.485876
ENSG00000151102	MECR	mitochond	ENSG0000017.84078	0.640239	1.318585	0.48555
ENSG00000122954	TRIM32	tripartite n	ENSG0000018.67895	-0.63666	1.311527	-0.48544
ENSG000001664	BNIP3	BCL2 inter	ENSG00000139.6891	0.332783	0.685681	0.485332
ENSG0000015700	PSMC1	proteasom	ENSG0000031.34537	0.505426	1.042212	0.484955
ENSG00000184823	LMNB2	lamin B2	ENSG0000011.58956	-0.78947	1.628225	-0.48486
ENSG00000164949	MRPS26	mitochond	ENSG0000011.58956	-0.78947	1.628225	-0.48486
ENSG0000011147	CHUK	conserved	ENSG0000028.00064	0.519848	1.072167	0.484858
ENSG0000016631	SNRPC	small nucle	ENSG0000046.7731	0.430568	0.888035	0.484855
ENSG0000013094	HINT1	histidine tr	ENSG0000048.45992	0.4265	0.880243	0.484525
ENSG00000110005	ACOT8	acyl-CoA th	ENSG0000013.98286	-0.72697	1.500845	-0.48437
ENSG00000193210	PGAP3	post-GPI at	ENSG000009.157297	-0.88406	1.825804	-0.48421
ENSG0000016627	SNRPA1	small nucle	ENSG0000016.33091	-0.67498	1.394715	-0.48396
ENSG0000010228150			ENSG000001.345084	-2.48334	5.132147	-0.48388
ENSG0000010234614			ENSG000001.345084	-2.48334	5.132147	-0.48388
ENSG000001100506286	TBC1D8-A5	TBC1 dom	ENSG000001.345084	-2.48334	5.132147	-0.48388
ENSG00000183879	CDCA7	cell divisio	ENSG000001.345084	-2.48334	5.132147	-0.48388
ENSG000001151126	ZNF385B	zinc finger	ENSG000001.345084	-2.48334	5.132147	-0.48388
ENSG000001440934	LOC440934	uncharacte	ENSG000001.345084	-2.48334	5.132147	-0.48388
ENSG0000010227304			ENSG000001.345084	-2.48334	5.132147	-0.48388
ENSG000001285668	C5orf64	chromosor	ENSG000001.345084	-2.48334	5.132147	-0.48388
ENSG0000010250045			ENSG000001.345084	-2.48334	5.132147	-0.48388
ENSG000001387082	SUMO4	small ubiq	ENSG000001.345084	-2.48334	5.132147	-0.48388

ENSG000001271344			ENSG000001271344	1.345084	-2.48334	5.132147	-0.48388
ENSG000001392197	USP17L7	ubiquitin s	ENSG000001392197	1.345084	-2.48334	5.132147	-0.48388
ENSG00000151050	PI15	peptidase i	ENSG00000151050	1.345084	-2.48334	5.132147	-0.48388
ENSG000001277575			ENSG000001277575	1.345084	-2.48334	5.132147	-0.48388
ENSG000001224825			ENSG000001224825	1.345084	-2.48334	5.132147	-0.48388
ENSG000001144195	SLC2A14	solute carr	ENSG000001144195	1.345084	-2.48334	5.132147	-0.48388
ENSG000001276417			ENSG000001276417	1.345084	-2.48334	5.132147	-0.48388
ENSG000001276691			ENSG000001276691	1.345084	-2.48334	5.132147	-0.48388
ENSG000001237766			ENSG000001237766	1.345084	-2.48334	5.132147	-0.48388
ENSG000001236803			ENSG000001236803	1.345084	-2.48334	5.132147	-0.48388
ENSG000001256369	CCDC197	coiled-coil	ENSG000001256369	1.345084	-2.48334	5.132147	-0.48388
ENSG000001321	APBA2	amyloid be	ENSG000001321	1.345084	-2.48334	5.132147	-0.48388
ENSG000001262902			ENSG000001262902	1.345084	-2.48334	5.132147	-0.48388
ENSG000001352909	DNAAF3	dynein axo	ENSG000001352909	1.345084	-2.48334	5.132147	-0.48388
ENSG000001361	AQP4	aquaporin	ENSG000001361	25.78586	0.591619	1.222681	0.48387
ENSG00000155316	RSAD1	radical S-ac	ENSG00000155316	39.11115	-0.46617	0.963545	-0.4838
ENSG0000014927	NUP88	nucleoporin	ENSG0000014927	29.68746	0.508035	1.050309	0.4837
ENSG00000165095	KRI1	KRI1 homo	ENSG00000165095	13.96023	-0.7219	1.493114	-0.48349
ENSG00000165108	MARCKSL1	MARCKS lil	ENSG00000165108	11.74166	-0.82188	1.700009	-0.48346
ENSG00000164080	RBKS	ribokinase	ENSG00000164080	5.042661	1.096078	2.267465	0.483394
ENSG00000156849	TCEAL7	transcriptic	ENSG00000156849	5.042661	1.096078	2.267465	0.483394
ENSG00000179057	PRRG3	proline ric	ENSG00000179057	5.042661	1.096078	2.267465	0.483394
ENSG00000123660	ZKSCAN5	zinc finger	ENSG00000123660	22.96282	0.561415	1.161732	0.483257
ENSG00000164112	MOAP1	modulator	ENSG00000164112	59.20646	-0.40224	0.832498	-0.48318
ENSG00000181552	VOPP1	VOPP1, WE	ENSG00000181552	21.19806	0.584817	1.210644	0.483063
ENSG00000178994	PRR14	proline ric	ENSG00000178994	9.118324	-0.88033	1.823593	-0.48274
ENSG000001284307	ZIK1	zinc finger	ENSG000001284307	9.118324	-0.88033	1.823593	-0.48274
ENSG000001661	POLR3D	RNA polym	ENSG000001661	23.32979	-0.57786	1.197188	-0.48268
ENSG00000125901	CCDC28A	coiled-coil	ENSG00000125901	6.583656	0.96489	1.99989	0.482472
ENSG00000180019	UBTD1	ubiquitin d	ENSG00000180019	6.583656	0.96489	1.99989	0.482472
ENSG00000155735	DNAJC11	DnaJ heat s	ENSG00000155735	50.49186	-0.43109	0.893542	-0.48245
ENSG00000192822	ZNF276	zinc finger	ENSG00000192822	9.140949	-0.88792	1.840882	-0.48233
ENSG0000019289	ADGRG1	adhesion G	ENSG0000019289	46.10625	-0.45467	0.942871	-0.48222
ENSG0000014437	MSH3	mutS hom	ENSG0000014437	18.85747	-0.64883	1.345738	-0.48214
ENSG00000154957	TXNL4B	thioredoxin	ENSG00000154957	9.565074	0.847978	1.758913	0.482104
ENSG00000154872	PIGG	phosphatic	ENSG00000154872	23.27447	-0.57753	1.198057	-0.48205
ENSG00000165980	BRD9	bromodom	ENSG00000165980	27.96167	0.521329	1.081486	0.482049
ENSG00000157727	NCOA5	nuclear rec	ENSG00000157727	23.25184	-0.57448	1.191903	-0.48199
ENSG000001412	STS	steroid sul	ENSG000001412	23.25184	-0.57448	1.191903	-0.48199
ENSG0000017593	MZF1	myeloid zir	ENSG0000017593	14.00549	-0.73189	1.519458	-0.48168
ENSG0000019626	GUCA1C	guanylate c	ENSG0000019626	3.945798	-1.34986	2.802489	-0.48167
ENSG00000155374	TMCO6	transmem	ENSG00000155374	3.945798	-1.34986	2.802489	-0.48167
ENSG0000014815	NINJ2	ninjurin 2	ENSG0000014815	3.945798	-1.34986	2.802489	-0.48167
ENSG000001388335	TMEM220	transmem	ENSG000001388335	3.945798	-1.34986	2.802489	-0.48167
ENSG0000018526	DGKE	diacylglyce	ENSG0000018526	14.61924	0.67667	1.40518	0.481554
ENSG00000183693	HSDL1	hydroxyste	ENSG00000183693	34.73535	0.487922	1.013451	0.481446
ENSG00000151170	HSD17B11	hydroxyste	ENSG00000151170	29.58689	0.514255	1.068335	0.481361

ENSG0000I	ENSG0000I	27147	DENND2A	DENN dom	ENSG0000I	25.71681	-0.56122	1.165959	-0.48134
ENSG0000I	ENSG000000224822				ENSG0000I	3.923173	-1.3331	2.769864	-0.48129
ENSG0000I	ENSG0000I	90956	ADCK2	aarF doma	ENSG0000I	3.923173	-1.3331	2.769864	-0.48129
ENSG0000I	ENSG0000I	119016	AGAP4	ArfGAP wit	ENSG0000I	3.923173	-1.3331	2.769864	-0.48129
ENSG0000I	ENSG0000I	79080	CCDC86	coiled-coil	ENSG0000I	3.923173	-1.3331	2.769864	-0.48129
ENSG0000I	ENSG000000279765				ENSG0000I	3.923173	-1.3331	2.769864	-0.48129
ENSG0000I	ENSG0000I	29800	ZDHHC1	zinc finger	ENSG0000I	3.923173	-1.3331	2.769864	-0.48129
ENSG0000I	ENSG0000I	54785	BORCS6	BLOC-1 rel	ENSG0000I	3.923173	-1.3331	2.769864	-0.48129
ENSG0000I	ENSG0000I	125476	INO80C	INO80 com	ENSG0000I	3.923173	-1.3331	2.769864	-0.48129
ENSG0000I	ENSG0000I	51690	LSM7	LSM7 hom	ENSG0000I	3.923173	-1.3331	2.769864	-0.48129
ENSG0000I	ENSG0000I	90427	BMF	Bcl2 modif	ENSG0000I	9.503476	0.864317	1.796216	0.481187
ENSG0000I	ENSG0000I	3479	IGF1	insulin like	ENSG0000I	4.030021	-1.38966	2.888601	-0.48108
ENSG0000I	ENSG0000I	4690	NCK1	NCK adapt	ENSG0000I	21.01065	-0.60868	1.266312	-0.48067
ENSG0000I	ENSG0000I	6944	VPS72	vacuolar pi	ENSG0000I	21.25338	0.586069	1.220293	0.480269
ENSG0000I	ENSG0000I	9334	B4GALT5	beta-1,4-g	ENSG0000I	124.9186	-0.31904	0.664333	-0.48024
ENSG0000I	ENSG0000I	5916	RARG	retinoic aci	ENSG0000I	9.257867	-0.89968	1.873396	-0.48024
ENSG0000I	ENSG0000I	5432	POLR2C	RNA polym	ENSG0000I	48.42095	0.427564	0.890697	0.480033
ENSG0000I	ENSG0000I	246269	AFG1L	AFG1 like /	ENSG0000I	6.601833	-1.02567	2.137923	-0.47975
ENSG0000I	ENSG0000I	84465	MEGF11	multiple E	ENSG0000I	6.601833	-1.02567	2.137923	-0.47975
ENSG0000I	ENSG0000I	3033	HADH	hydroxyacy	ENSG0000I	145.7406	-0.32316	0.673674	-0.4797
ENSG0000I	ENSG0000I	54815	GATAD2A	GATA zinc	ENSG0000I	34.56088	-0.48627	1.013716	-0.47969
ENSG0000I	ENSG0000I	10658	CELF1	CUGBP Ela	ENSG0000I	159.7318	-0.30051	0.626536	-0.47964
ENSG0000I	ENSG0000I	9513	FXR2	FMR1 auto	ENSG0000I	112.0623	-0.33226	0.692734	-0.47964
ENSG0000I	ENSG0000I	151903	CCDC12	coiled-coil	ENSG0000I	13.93761	-0.71677	1.495962	-0.47914
ENSG0000I	ENSG0000I	10010	TANK	TRAF famil	ENSG0000I	51.67138	0.425692	0.888466	0.479131
ENSG0000I	ENSG0000I	57486	NLN	neurolysin	ENSG0000I	19.33652	0.642014	1.341152	0.478703
ENSG0000I	ENSG0000I	23317	DNAJC13	DnaJ heat	ENSG0000I	118.234	-0.32191	0.672578	-0.47862
ENSG0000I	ENSG0000I	2287	FKBP3	FK506 bind	ENSG0000I	45.24846	0.427816	0.894124	0.478476
ENSG0000I	ENSG0000I	126321	MFSD12	major facil	ENSG0000I	11.39143	0.749561	1.568316	0.47794
ENSG0000I	ENSG0000I	84991	RBM17	RNA bindir	ENSG0000I	65.61827	-0.38294	0.801354	-0.47787
ENSG0000I	ENSG0000I	951	CD37	CD37 mole	ENSG0000I	9.68827	0.816334	1.708498	0.477808
ENSG0000I	ENSG000000260401				ENSG0000I	9.095699	-0.87257	1.826213	-0.47781
ENSG0000I	ENSG0000I	10050693C	LINC00665	long interg	ENSG0000I	9.095699	-0.87257	1.826213	-0.47781
ENSG0000I	ENSG0000I	6453	ITSN1	intersectin	ENSG0000I	93.95516	0.338544	0.708702	0.477696
ENSG0000I	ENSG0000I	219931	TPCN2	two pore s	ENSG0000I	16.26931	-0.66833	1.399522	-0.47754
ENSG0000I	ENSG0000I	55146	ZDHHC4	zinc finger	ENSG0000I	11.35246	0.752198	1.576898	0.477011
ENSG0000I	ENSG0000I	84844	PHF5A	PHD finger	ENSG0000I	11.35246	0.752198	1.576898	0.477011
ENSG0000I	ENSG0000I	10392	NOD1	nucleotide	ENSG0000I	20.92642	-0.60013	1.258118	-0.47701
ENSG0000I	ENSG0000I	11145	PLA2G16	phospholip	ENSG0000I	59.03842	0.393989	0.826084	0.476935
ENSG0000I	ENSG0000I	83608	C18orf21	chromosor	ENSG0000I	6.56286	-1.02067	2.14047	-0.47684
ENSG0000I	ENSG0000I	51661	FKBP7	FK506 bind	ENSG0000I	8.186248	0.865216	1.814541	0.476824
ENSG0000I	ENSG0000I	2254	FGF9	fibroblast	ENSG0000I	8.186248	0.865216	1.814541	0.476824
ENSG0000I	ENSG0000I	7917	BAG6	BCL2 assoc	ENSG0000I	170.4576	-0.29418	0.616991	-0.4768
ENSG0000I	ENSG0000I	57563	KLHL8	kelch like f	ENSG0000I	36.59689	0.463089	0.97204	0.476409
ENSG0000I	ENSG0000I	54434	SSH1	slingshot p	ENSG0000I	76.76894	-0.36639	0.769101	-0.47638
ENSG0000I	ENSG0000I	64426	SUDS3	SDS3 homc	ENSG0000I	52.36975	-0.41269	0.866453	-0.4763
ENSG0000I	ENSG0000I	7172	TPMT	thiopurine	ENSG0000I	21.36023	0.569753	1.196754	0.476082

ENSG0000016242	RTKN	rhotekin	ENSG0000019788	9.788841	0.798002	1.676354	0.476034
ENSG00000193986	FOXP2	forkhead b	ENSG0000019788	9.788841	0.798002	1.676354	0.476034
ENSG0000016883	TAF12	TATA-box b	ENSG0000016322	16.32241	0.643563	1.352148	0.475956
ENSG0000012582	GALE	UDP-galact	ENSG0000013585	3.585889	1.251694	2.629986	0.475932
ENSG0000019429	ABCG2	ATP bindin	ENSG0000013585	3.585889	1.251694	2.629986	0.475932
ENSG000001108570035	LINP1	lncRNA in r	ENSG0000013585	3.585889	1.251694	2.629986	0.475932
ENSG00000100272368			ENSG0000013585	3.585889	1.251694	2.629986	0.475932
ENSG000001387882	C12orf75	chromosom	ENSG0000013585	3.585889	1.251694	2.629986	0.475932
ENSG00000164978	MRPL38	mitochond	ENSG0000013585	3.585889	1.251694	2.629986	0.475932
ENSG000001400673	VMAC	vimentin ty	ENSG0000013585	3.585889	1.251694	2.629986	0.475932
ENSG000001127700	OSCP1	organic sol	ENSG0000015003	5.003688	1.099938	2.311489	0.475857
ENSG00000179622	SNRNP25	small nucle	ENSG0000012545	25.45407	-0.54491	1.145267	-0.47579
ENSG00000155027	HEATR3	HEAT repe	ENSG0000014680	14.68084	0.666831	1.401603	0.475763
ENSG00000179869	CPSF7	cleavage a	ENSG0000015244	52.4439	-0.41831	0.87927	-0.47574
ENSG0000011861	TOR1A	torsin fami	ENSG0000011629	16.29193	-0.67259	1.41457	-0.47547
ENSG0000011983	EIF5	eukaryotic	ENSG0000011865	186.5482	0.292504	0.615241	0.47543
ENSG000001132	ADK	adenosine	ENSG0000012316	23.16762	-0.56663	1.19185	-0.47542
ENSG00000184679	SLC9A7	solute carr	ENSG0000012984	29.84963	0.497285	1.0468	0.475053
ENSG0000018663	EIF3C	eukaryotic	ENSG0000016561	6.56103	0.984578	2.074486	0.474613
ENSG0000012665	GDI2	GDP dissoc	ENSG0000011237	123.7788	0.312757	0.659058	0.474551
ENSG00000180258	EFHC2	EF-hand dc	ENSG0000011798	17.9866	0.618286	1.303283	0.474407
ENSG00000110478	SLC25A17	solute carr	ENSG0000019056	9.056726	-0.86882	1.831419	-0.4744
ENSG00000100264538			ENSG0000011458	14.58027	0.679113	1.431844	0.474292
ENSG00000110695	CNPY3	canopy FGI	ENSG0000011969	19.69604	0.586597	1.237078	0.47418
ENSG00000157472	CNOT6	CCR4-NOT	ENSG0000013222	32.22919	-0.49302	1.039755	-0.47417
ENSG0000015431	POLR2B	RNA polym	ENSG0000011131	113.1714	0.321273	0.677551	0.474168
ENSG000001199974	CYP4Z1	cytochrom	ENSG0000014942	4.94209	1.133426	2.390722	0.474093
ENSG00000110536	P3H3	prolyl 3-hy	ENSG0000016585	6.585485	-1.03089	2.174639	-0.47405
ENSG00000155323	LARP6	La ribonucl	ENSG0000014384	43.84242	-0.46258	0.975986	-0.47397
ENSG0000015504	PPP1R2	protein ph	ENSG0000016266	62.66472	0.378902	0.799528	0.473907
ENSG00000184223	IQCG	IQ motif cc	ENSG0000011463	14.63559	0.681796	1.43897	0.473808
ENSG00000130968	STOML2	stomatin li	ENSG0000015387	53.8774	0.405117	0.855765	0.473398
ENSG0000013675	ITGA3	integrin su	ENSG0000013328	33.28486	0.474231	1.001867	0.473348
ENSG00000151250	C6orf203	chromosom	ENSG0000011305	13.05562	0.701758	1.482752	0.473281
ENSG00000155683	KANSL3	KAT8 regul	ENSG0000019622	96.22185	-0.33753	0.71327	-0.47321
ENSG0000013566	IL4R	interleukin	ENSG0000013834	38.3453	0.452863	0.957215	0.473105
ENSG0000012342	FNTB	farnesyltra	ENSG0000011455	14.55137	0.698969	1.47788	0.472954
ENSG000001158866	ZDHHC15	zinc finger	ENSG0000016702	6.702403	-1.04698	2.215053	-0.47267
ENSG0000018239	USP9X	ubiquitin s	ENSG0000013063	306.3204	0.266266	0.563638	0.472406
ENSG00000191612	CHURC1	churchill d	ENSG0000017638	76.3868	0.364556	0.771897	0.472285
ENSG00000183759	RBM4B	RNA bindir	ENSG0000011857	18.57838	-0.62869	1.331315	-0.47223
ENSG000001440275	EIF2AK4	eukaryotic	ENSG0000018091	80.91064	-0.35437	0.750575	-0.47213
ENSG0000018864	PER2	period circ	ENSG0000012818	28.18544	0.504941	1.069582	0.472092
ENSG00000110780	ZNF234	zinc finger	ENSG0000012314	23.145	-0.56354	1.194381	-0.47182
ENSG00000110352	WARS2	tryptophar	ENSG0000011965	19.65707	0.588469	1.247233	0.47182
ENSG000001948	CD36	CD36 mole	ENSG0000011174	1174.619	-0.26549	0.562702	-0.47182
ENSG00000155253	TYW1	tRNA-yW s	ENSG0000012312	23.12865	-0.56494	1.197367	-0.47182

ENSG0000I	ENSG0000I	126328	NDUFA11	NADH:ubic	ENSG0000I	11.41406	0.7393	1.567652	0.471597
ENSG0000I	ENSG0000I	200576	PIKFYVE	phosphoin	ENSG0000I	116.902	0.315668	0.669612	0.471419
ENSG0000I	ENSG0000I	170689	ADAMTS15	ADAM met	ENSG0000I	30.42925	-0.53264	1.130442	-0.47118
ENSG0000I	ENSG0000I	54477	PLEKHA5	pleckstrin l	ENSG0000I	140.2274	-0.3099	0.657714	-0.47117
ENSG0000I	ENSG0000I	5269	SERPINB6	serpin fam	ENSG0000I	123.6983	0.316015	0.67083	0.47108
ENSG0000I	ENSG0000I	9495	AKAP5	A-kinase ar	ENSG0000I	5.065286	1.067799	2.266896	0.47104
ENSG0000I	ENSG0000I	51092	SIDT2	SID1 transr	ENSG0000I	36.72008	0.45553	0.967635	0.470767
ENSG0000I	ENSG0000I	84529	C15orf41	chromosor	ENSG0000I	225.4759	0.277569	0.589772	0.470638
ENSG0000I	ENSG0000I	85315	PAQR8	progestin a	ENSG0000I	6.645254	0.941365	2.001096	0.470425
ENSG0000I	ENSG0000I	116443	GRIN3A	glutamate	ENSG0000I	6.645254	0.941365	2.001096	0.470425
ENSG0000I	ENSG0000I	84266	ALKBH7	alkB homo	ENSG0000I	6.645254	0.941365	2.001096	0.470425
ENSG0000I	ENSG0000I	9129	PRPF3	pre-mRNA	ENSG0000I	43.56792	0.429164	0.912422	0.470357
ENSG0000I	ENSG0000I	1974	EIF4A2	eukaryotic	ENSG0000I	341.921	0.259431	0.551589	0.470333
ENSG0000I	ENSG0000I	10247	RIDA	reactive int	ENSG0000I	14.71981	0.664539	1.413698	0.470071
ENSG0000I	ENSG0000I	6429	SRSF4	serine and	ENSG0000I	67.68095	-0.37534	0.799013	-0.46976
ENSG0000I	ENSG0000I	22884	WDR37	WD repeat	ENSG0000I	50.06068	-0.41499	0.884111	-0.46939
ENSG0000I	ENSG0000I	84548	TMEM185	transmeml	ENSG0000I	19.73501	0.584725	1.245823	0.469349
ENSG0000I	ENSG00000211896				ENSG0000I	32.67462	-2.53283	5.399447	-0.46909
ENSG0000I	ENSG00000232056				ENSG0000I	3.861575	-1.30783	2.788038	-0.46909
ENSG0000I	ENSG0000I	6263	RYR3	ryanodine	ENSG0000I	3.861575	-1.30783	2.788038	-0.46909
ENSG0000I	ENSG0000I	147184	TMEM99	transmeml	ENSG0000I	3.861575	-1.30783	2.788038	-0.46909
ENSG0000I	ENSG0000I	7982	ST7	suppressio	ENSG0000I	30.05587	-0.51717	1.10265	-0.46902
ENSG0000I	ENSG0000I	7532	YWHAG	tyrosine 3-	ENSG0000I	256.7551	0.276588	0.589995	0.468798
ENSG0000I	ENSG0000I	4026	LPP	LIM domai	ENSG0000I	554.1794	-0.26253	0.560031	-0.46878
ENSG0000I	ENSG0000I	23032	USP33	ubiquitin s|	ENSG0000I	83.71735	0.343436	0.7327	0.468726
ENSG0000I	ENSG0000I	10713	USP39	ubiquitin s|	ENSG0000I	29.93385	0.489351	1.04403	0.468714
ENSG0000I	ENSG0000I	387	RHOA	ras homolc	ENSG0000I	264.8499	0.265347	0.566133	0.468702
ENSG0000I	ENSG0000I	56169	GSDMC	gasdermin	ENSG0000I	3.900548	-1.31601	2.8082	-0.46863
ENSG0000I	ENSG0000I	10670	RRAGA	Ras relatec	ENSG0000I	32.12862	-0.48823	1.041867	-0.46861
ENSG0000I	ENSG0000I	3692	EIF6	eukaryotic	ENSG0000I	6.606281	0.944894	2.016525	0.468575
ENSG0000I	ENSG0000I	54969	HPF1	histone PA	ENSG0000I	9.811466	0.785714	1.678388	0.468136
ENSG0000I	ENSG0000I	51277	DNAJC27	DnaJ heat :	ENSG0000I	20.79695	-0.5846	1.249379	-0.46791
ENSG0000I	ENSG0000I	7405	UVRAG	UV radiatic	ENSG0000I	36.78168	0.451769	0.965944	0.467697
ENSG0000I	ENSG0000I	54602	NDFIP2	Nedd4 fam	ENSG0000I	30.02069	-0.5084	1.087108	-0.46766
ENSG0000I	ENSG0000I	113457	TUBA3D	tubulin alp	ENSG0000I	32.79586	0.517553	1.107283	0.467409
ENSG0000I	ENSG0000I	64215	DNAJC1	DnaJ heat :	ENSG0000I	21.44445	0.558317	1.194768	0.467302
ENSG0000I	ENSG0000I	2395	FXN	frataxin	ENSG0000I	14.70347	0.659328	1.41147	0.467122
ENSG0000I	ENSG0000I	9240	PNMA1	PNMA fam	ENSG0000I	18.09345	0.598609	1.282282	0.466831
ENSG0000I	ENSG0000I	391059	FRRS1	ferric chela	ENSG0000I	8.208873	0.849962	1.821471	0.466635
ENSG0000I	ENSG0000I	11044	TENT4A	terminal ni	ENSG0000I	23.06705	-0.56014	1.200735	-0.4665
ENSG0000I	ENSG0000I	5019	OXCT1	3-oxoacid (	ENSG0000I	225.9763	0.273802	0.586954	0.466479
ENSG0000I	ENSG0000I	7204	TRIO	trio Rho gu	ENSG0000I	172.1155	-0.28697	0.615267	-0.46642
ENSG0000I	ENSG0000I	134728	IRAK1BP1	interleukin	ENSG0000I	6.501262	-1.00498	2.154735	-0.46641
ENSG0000I	ENSG0000I	443	ASPA	aspartoacy	ENSG0000I	6.501262	-1.00498	2.154735	-0.46641
ENSG0000I	ENSG0000I	100506844	GIHCG	GIHCG, inh	ENSG0000I	5.104259	1.063954	2.281353	0.46637
ENSG0000I	ENSG0000I	54549	SDK2	sidekick ce	ENSG0000I	5.104259	1.063954	2.281353	0.46637
ENSG0000I	ENSG0000I	81618	ITM2C	integral mε	ENSG0000I	27.59469	-0.51622	1.107053	-0.4663

ENSG00000120227	CYP2R1	cytochrom	ENSG0000018247846	0.846777	1.816003	0.466286
ENSG0000019637	FEZ2	fasciculatic	ENSG00000145.61098	-0.42837	0.918726	-0.46626
ENSG00000127252	KLHL20	kelch like f	ENSG00000123.12237	-0.56046	1.202184	-0.4662
ENSG0000018605	PLA2G4C	phospholip	ENSG00000129.84217	-0.50045	1.073481	-0.46619
ENSG00000155362	TMEM63B	transmembr	ENSG00000136.63363	-0.46268	0.992533	-0.46617
ENSG0000012530	FUT8	fucosyltran	ENSG00000123.14761	0.543068	1.16497	0.466164
ENSG0000014155	MBP	myelin bas	ENSG00000168.07212	0.363166	0.779257	0.466041
ENSG00000111260	XPOT	exportin fo	ENSG00000154.35448	-0.40039	0.85924	-0.46598
ENSG0000016426	SRSF1	serine and	ENSG00000187.01931	0.342447	0.735107	0.465847
ENSG00000154221	SNTG2	syntrophin	ENSG0000013.401096	1.404258	3.015498	0.46568
ENSG000001266747	RGL4	ral guanine	ENSG0000013.401096	1.404258	3.015498	0.46568
ENSG00000153354	PANK1	pantotheni	ENSG00000125.50939	-0.54539	1.171487	-0.46556
ENSG0000016794	STK11	serine/thre	ENSG00000131.68226	0.475478	1.021347	0.46554
ENSG00000156946	EMSY	EMSY, BRC	ENSG00000149.89851	-0.40945	0.879711	-0.46543
ENSG000001376267	RAB15	RAB15, me	ENSG00000123.17024	0.538678	1.157393	0.465424
ENSG0000017399	USH2A	usherin	ENSG00000111.47566	0.726532	1.561074	0.465405
ENSG000001152100	CMC1	C-X9-C mo	ENSG00000111.47566	0.726532	1.561074	0.465405
ENSG00000184656	GLYR1	glyoxylate	ENSG000001124.358	-0.30985	0.665802	-0.46537
ENSG00000123607	CD2AP	CD2 associ	ENSG00000149.90478	-0.4113	0.883837	-0.46536
ENSG00000157820	CCNB1IP1	cyclin B1 in	ENSG00000152.34333	-0.41513	0.892085	-0.46534
ENSG00000184154	RPF2	ribosome p	ENSG00000127.73424	-0.5233	1.124856	-0.46521
ENSG00000151060	TXNDC12	thioredoxin	ENSG00000123.13127	0.540328	1.161639	0.465142
ENSG00000154793	KCTD9	potassium	ENSG00000191.79857	-0.33924	0.729412	-0.46509
ENSG0000018892	EIF2B2	eukaryotic	ENSG00000111.40477	-0.76173	1.637876	-0.46507
ENSG000001387521	TMEM189	transmembr	ENSG00000124.70496	0.544811	1.172128	0.464805
ENSG00000123283	CSTF2T	cleavage st	ENSG00000152.38793	0.395378	0.850645	0.464797
ENSG0000019780	PIEZO1	piezo type	ENSG00000116.12349	-0.65052	1.400019	-0.46465
ENSG00000123351	KHNYN	KH and NY	ENSG00000150.43838	0.40828	0.878745	0.464617
ENSG0000015631	PRPS1	phosphoric	ENSG00000118.44891	-0.61125	1.315675	-0.46459
ENSG00000126269	FBXO8	F-box prote	ENSG00000121.48342	0.556579	1.198029	0.464579
ENSG00000123127	COLGALT2	collagen b	ENSG00000116.3636	-0.67123	1.444845	-0.46457
ENSG00000126168	SENP3	SUMO spe	ENSG0000013.8842	-1.32455	2.851332	-0.46454
ENSG00000155752	SEPT11	septin 11	ENSG000001104.6939	-0.32317	0.695729	-0.4645
ENSG0000011994	ELAVL1	ELAV like R	ENSG00000132.08964	-0.48691	1.049009	-0.46416
ENSG0000011108	CHD4	chromodor	ENSG000001293.2953	-0.2594	0.558908	-0.46413
ENSG0000016428	SRSF3	serine and	ENSG000001109.4993	-0.32998	0.710987	-0.46412
ENSG00000157179	KIAA1191	KIAA1191	ENSG00000178.60158	0.345658	0.744861	0.464057
ENSG0000011264	CNN1	calponin 1	ENSG00000137.83617	0.481695	1.038211	0.463967
ENSG00000111137	PWP1	PWP1 hom	ENSG00000121.40548	0.560118	1.207817	0.463744
ENSG00000156927	GPR108	G protein-c	ENSG00000121.40548	0.560118	1.207817	0.463744
ENSG00000127429	HTRA2	HtrA serine	ENSG00000113.13985	0.682039	1.47101	0.463654
ENSG00000123623	RUSC1	RUN and S	ENSG0000018.972503	-0.84935	1.832061	-0.46361
ENSG00000179064	TMEM223	transmembr	ENSG0000018.972503	-0.84935	1.832061	-0.46361
ENSG00000164840	PORCN	porcupine	ENSG0000018.972503	-0.84935	1.832061	-0.46361
ENSG0000015757	PTMA	prothymos	ENSG000001198.6087	-0.28462	0.61403	-0.46353
ENSG00000110197	PSME3	proteasom	ENSG00000147.24326	0.409039	0.882626	0.463434
ENSG00000155687	TRMU	tRNA 5-me	ENSG00000129.99427	-0.51339	1.108138	-0.46329

ENSG00000160528	ELAC2	elaC ribon	ENSG00000163.25767	-0.3802	0.821121	-0.46302
ENSG0000012047	EPHB1	EPH recept	ENSG0000015.126884	1.036568	2.239838	0.462787
ENSG00000180305	TRABD	TraB doma	ENSG0000015.126884	1.036568	2.239838	0.462787
ENSG00000154931	TRMT10C	tRNA meth	ENSG00000124.89603	0.521658	1.127287	0.462755
ENSG00000110206	TRIM13	tripartite r	ENSG00000136.80431	0.449231	0.970953	0.46267
ENSG00000164928	MRPL14	mitochond	ENSG00000114.80404	0.647334	1.399163	0.462658
ENSG0000017045	TGFBI	transformi	ENSG00000173.20045	0.356372	0.770351	0.46261
ENSG0000019453	GGPS1	geranylger	ENSG00000121.50605	0.551776	1.192977	0.46252
ENSG000001307	ANXA4	annexin A4	ENSG00000121.50605	0.551776	1.192977	0.46252
ENSG00000191012	CERS5	ceramide s	ENSG00000116.10086	-0.64606	1.397175	-0.4624
ENSG0000017726	TRIM26	tripartite r	ENSG00000120.77433	-0.58116	1.256857	-0.46239
ENSG0000017580	ZNF32	zinc finger	ENSG00000120.77433	-0.58116	1.256857	-0.46239
ENSG00000110966	RAB40B	RAB40B, m	ENSG00000120.77433	-0.58116	1.256857	-0.46239
ENSG000001283358	B4GALNT3	beta-1,4-N	ENSG00000150.22533	-0.4261	0.921764	-0.46227
ENSG0000012969	GTF2I	general tra	ENSG00000125.2919	-0.53455	1.156419	-0.46224
ENSG00000129934	SNX12	sorting nex	ENSG00000138.59169	0.438492	0.94888	0.462115
ENSG00000154554	WDR5B	WD repeat	ENSG0000016.667879	0.921659	1.994527	0.462094
ENSG000001339500	ZNF678	zinc finger	ENSG00000113.75282	-0.69344	1.500693	-0.46208
ENSG00000151441	YTHDF2	YTH N6-mε	ENSG00000141.07326	-0.4454	0.964037	-0.46201
ENSG00000126009	ZZZ3	zinc finger	ENSG00000164.38043	0.374099	0.809718	0.462012
ENSG0000014089	SMAD4	SMAD fam	ENSG00000198.00924	-0.327	0.708065	-0.46182
ENSG00000111267	SNF8	SNF8, ESCF	ENSG00000118.40993	-0.60922	1.319196	-0.46181
ENSG00000164132	XYLT2	xylosyltran	ENSG00000118.40993	-0.60922	1.319196	-0.46181
ENSG000001647979	NORAD	non-coding	ENSG000001584.4956	0.254357	0.550849	0.461755
ENSG0000015001	ORC5	origin reco	ENSG0000019.873064	0.7707	1.669097	0.461747
ENSG0000016742	SSBP1	single strar	ENSG00000138.58542	0.442144	0.957554	0.461743
ENSG0000016594	SMARCA1	SWI/SNF re	ENSG00000176.65582	0.356267	0.772076	0.46144
ENSG00000150809	HP1BP3	heterochrc	ENSG000001165.3693	-0.28691	0.621834	-0.4614
ENSG0000019209	LRRFIP2	LRR bindin	ENSG000001189.7044	-0.28316	0.613878	-0.46127
ENSG00000165979	PHACTR4	phosphata	ENSG00000142.08224	0.425092	0.922031	0.461038
ENSG0000018891	EIF2B3	eukaryotic	ENSG00000131.59176	0.48744	1.057657	0.460868
ENSG00000184172	POLR1B	RNA polym	ENSG00000120.69638	-0.57744	1.25298	-0.46085
ENSG0000019204	ZMYM6	zinc finger	ENSG00000111.38215	-0.75544	1.639575	-0.46075
ENSG0000018556	CDC14A	cell divisio	ENSG0000016.523887	-1.01512	2.203184	-0.46075
ENSG00000151400	PPME1	protein ph	ENSG00000125.28562	-0.53047	1.151733	-0.46059
ENSG00000110203	CALCRL	calcitonin r	ENSG00000172.69132	0.371324	0.806266	0.460547
ENSG00000157494	RIMKLB	ribosomal	ENSG00000125.24665	-0.5289	1.148414	-0.46055
ENSG00000110193	RNF41	ring finger	ENSG00000175.11103	0.349221	0.758472	0.460426
ENSG00000123062	GGA2	golgi assoc	ENSG00000175.11103	0.349221	0.758472	0.460426
ENSG00000110131	TRAP1	TNF recept	ENSG00000138.47857	0.450413	0.978317	0.460395
ENSG000001285267	ZNF619	zinc finger	ENSG00000113.10087	0.684524	1.487658	0.460135
ENSG00000151013	EXOSC1	exosome c	ENSG00000113.10087	0.684524	1.487658	0.460135
ENSG0000015618	PRLR	prolactin r	ENSG0000013.647487	1.205244	2.619367	0.460128
ENSG0000012966	GTF2H2	general tra	ENSG0000013.647487	1.205244	2.619367	0.460128
ENSG000001273038			ENSG0000013.647487	1.205244	2.619367	0.460128
ENSG000001100133991	MAP3K14-	MAP3K14 ;	ENSG0000013.647487	1.205244	2.619367	0.460128
ENSG00000155816	DOK5	docking pr	ENSG0000013.647487	1.205244	2.619367	0.460128

ENSG000001643853	TMPPE	transmeml	ENSG000001643853	8.270471	0.831728	1.807656	0.460114
ENSG000001650	BMP2	bone morp	ENSG000001650	8.270471	0.831728	1.807656	0.460114
ENSG00000151566	ARMCX3	armadillo r	ENSG00000151566	80.29846	0.346645	0.753686	0.459934
ENSG000001285830	HLA-F-AS1	HLA-F anti	ENSG000001285830	3.83895	-1.29029	2.805515	-0.45991
ENSG000001170384	FUT11	fucosyltrar	ENSG000001170384	27.49412	-0.51069	1.111371	-0.45951
ENSG00000123462	HEY1	hes relatec	ENSG00000123462	18.42628	-0.60736	1.322468	-0.45926
ENSG0000016097	RORC	RAR relate	ENSG0000016097	23.02808	-0.55833	1.216771	-0.45886
ENSG00000155625	ZDHHC7	zinc finger	ENSG00000155625	61.13339	-0.38665	0.843074	-0.45862
ENSG00000155449	DHRS4-AS1	DHRS4 anti	ENSG00000155449	11.53725	0.713876	1.55698	0.4585
ENSG00000110509	SEMA4B	semaphori	ENSG00000110509	39.37638	-0.48396	1.056348	-0.45815
ENSG0000019645	MICAL2	microtubul	ENSG0000019645	73.43428	0.351929	0.769088	0.457592
ENSG00000110207	PATJ	PATJ, crum	ENSG00000110207	276.4063	0.270827	0.591877	0.457573
ENSG00000154927	CHCHD3	coiled-coil-	ENSG00000154927	120.7006	0.308421	0.674419	0.457314
ENSG00000179038	ZFYVE21	zinc finger	ENSG00000179038	23.25446	0.528261	1.155953	0.456992
ENSG000001322	APBB1	amyloid be	ENSG000001322	65.09659	-0.36631	0.801642	-0.45695
ENSG000001140735	DYNLL2	dynein ligh	ENSG000001140735	217.0648	-0.26842	0.587487	-0.4569
ENSG000001388695	LYSMD1	LysM dom	ENSG000001388695	19.88083	0.565175	1.237106	0.456852
ENSG0000017812	CSDE1	cold shock	ENSG0000017812	1286.251	0.227675	0.498356	0.456851
ENSG00000156949	XAB2	XPA bindin	ENSG00000156949	11.3658	-0.75852	1.660966	-0.45668
ENSG00000180854	SETD7	SET domai	ENSG00000180854	238.8407	-0.26495	0.580179	-0.45667
ENSG0000014723	NDUFV1	NADH:ubic	ENSG0000014723	212.9558	-0.2711	0.593691	-0.45664
ENSG0000018416	ANXA9	annexin A9	ENSG0000018416	13.20144	0.671082	1.470035	0.456507
ENSG000001101927027	PRKRA-AS1	PRKRA anti	ENSG000001101927027	13.20144	0.671082	1.470035	0.456507
ENSG000001558	AXL	AXL recept	ENSG000001558	67.53892	-0.36815	0.806487	-0.45649
ENSG000001353355	ZNF233	zinc finger	ENSG000001353355	8.949878	-0.84143	1.843353	-0.45647
ENSG0000016646	SOAT1	sterol O-ac	ENSG0000016646	41.2714	0.464959	1.018797	0.45638
ENSG0000015291	PIK3CB	phosphatic	ENSG0000015291	43.06179	-0.42341	0.927904	-0.4563
ENSG0000019130	FAM50A	family with	ENSG0000019130	29.84845	-0.50361	1.103706	-0.45629
ENSG000001641977	SEPT7P2	septin 7 ps	ENSG000001641977	8.93353	-0.84548	1.853053	-0.45626
ENSG0000015982	RFC2	replication	ENSG0000015982	8.93353	-0.84548	1.853053	-0.45626
ENSG00000100276291			ENSG00000100276291	8.93353	-0.84548	1.853053	-0.45626
ENSG000001348995	NUP43	nucleopori	ENSG000001348995	47.36646	0.403219	0.884293	0.455978
ENSG0000015255	PHKA1	phosphory	ENSG0000015255	44.18062	-0.46915	1.029114	-0.45588
ENSG00000129965	CDIP1	cell death i	ENSG00000129965	54.33749	0.383412	0.841064	0.455865
ENSG00000163027	SLC22A23	solute carr	ENSG00000163027	13.69122	-0.68558	1.504141	-0.45579
ENSG00000110307	APBB3	amyloid be	ENSG00000110307	3.799977	-1.28208	2.813042	-0.45576
ENSG00000156124	PCDHB12	protocadh	ENSG00000156124	3.799977	-1.28208	2.813042	-0.45576
ENSG00000126872	STEAP1	STEAP fam	ENSG00000126872	3.799977	-1.28208	2.813042	-0.45576
ENSG000001000213839			ENSG000001000213839	3.799977	-1.28208	2.813042	-0.45576
ENSG0000010000280392			ENSG0000010000280392	3.799977	-1.28208	2.813042	-0.45576
ENSG00000110609	P3H4	prolyl 3-hy	ENSG00000110609	3.799977	-1.28208	2.813042	-0.45576
ENSG0000015433	POLR2D	RNA polym	ENSG0000015433	29.87486	-0.49854	1.093989	-0.45571
ENSG0000015805	PTS	6-pyruvoyl	ENSG0000015805	13.16247	0.67351	1.478066	0.45567
ENSG000001203522	INTS6L	integrator	ENSG000001203522	13.16247	0.67351	1.478066	0.45567
ENSG00000123505	TMEM131	transmeml	ENSG00000123505	97.93508	-0.32423	0.711868	-0.45547
ENSG00000151619	UBE2D4	ubiquitin c	ENSG00000151619	22.93758	-0.54596	1.198734	-0.45544
ENSG000001134492	NUDCD2	NudC dom	ENSG000001134492	13.17882	0.679478	1.492091	0.455387

ENSG00000118426	BORCS5	BLOC-1 rel	ENSG00000131788	13.17882	0.679478	1.492091	0.455387
ENSG0000027153	ZNF777	zinc finger	ENSG00000164396	6.439664	-0.98909	2.172155	-0.45535
ENSG00000374383	NCR3LG1	natural kill	ENSG00000164396	6.439664	-0.98909	2.172155	-0.45535
ENSG0000025912	C1orf43	chromosom	ENSG00000142028	142.0285	0.292667	0.642858	0.455259
ENSG000008994	LIMD1	LIM domai	ENSG00000171742	71.74223	-0.35613	0.782553	-0.45509
ENSG0000010498	CARM1	coactivator	ENSG00000183646	18.36468	-0.60137	1.321473	-0.45508
ENSG0000057182	ANKRD50	ankyrin re	ENSG00000138612	38.61209	-0.44023	0.967482	-0.45502
ENSG000008557	TCAP	titin-cap	ENSG00000173268	1732.687	0.235345	0.517454	0.454813
ENSG0000051684	SUFU	SUFU nega	ENSG00000183709	18.37096	-0.60709	1.334841	-0.4548
ENSG0000055975	KLHL7	kelch like f	ENSG00000116999	169.995	-0.28746	0.632155	-0.45474
ENSG000003037	HAS2	hyaluronar	ENSG00000183094	8.309444	0.828478	1.821938	0.454723
ENSG0000030001	ERO1A	endoplasm	ENSG00000149830	49.83063	-0.40531	0.891338	-0.45472
ENSG0000079720	VPS37B	VPS37B, ES	ENSG00000111320	11.32055	-0.74603	1.641103	-0.45459
ENSG0000024142	NAA80	N(alpha)-a	ENSG00000164170	6.417039	-0.97834	2.15222	-0.45457
ENSG0000051110	LACTB2	lactamase	ENSG00000164170	6.417039	-0.97834	2.15222	-0.45457
ENSG0000022994	CEP131	centrosom	ENSG00000164170	6.417039	-0.97834	2.15222	-0.45457
ENSG000004677	NARS	asparaginy	ENSG00000115394	153.9406	0.294272	0.64746	0.454502
ENSG0000010449	ACAA2	acetyl-CoA	ENSG00000118539	185.3932	0.285863	0.62897	0.454493
ENSG0000083694	RPS6KL1	ribosomal	ENSG00000199346	9.934662	0.755847	1.663122	0.454475
ENSG00000823	CAPN1	calpain 1	ENSG00000152494	52.49478	0.389429	0.857582	0.454101
ENSG0000055857	KIZ	kizuna cen	ENSG00000127409	27.4099	-0.504	1.109967	-0.45407
ENSG00000440253	WHAMMP	WAS prote	ENSG00000167294	6.729477	0.898847	1.979882	0.45399
ENSG000002717	GLA	galactosid	ENSG00000167294	6.729477	0.898847	1.979882	0.45399
ENSG00000762	CA4	carbonic ar	ENSG00000191120	9.112046	-0.86949	1.915224	-0.45399
ENSG0000023521	RPL13A	ribosomal	ENSG00000146513	465.1366	0.266769	0.587661	0.45395
ENSG0000054537	SHLD2	shieldin co	ENSG00000123215	23.21549	0.529962	1.167808	0.45381
ENSG0000080317	ZKSCAN3	zinc finger	ENSG00000164560	6.456012	-0.9835	2.167486	-0.45375
ENSG000005989	RFX1	regulatory	ENSG00000164560	6.456012	-0.9835	2.167486	-0.45375
ENSG0000090550	MCU	mitochond	ENSG00000123270	23.27081	0.530908	1.170512	0.453569
ENSG000005601	MAPK9	mitogen-ac	ENSG00000160685	60.68586	-0.37347	0.823412	-0.45356
ENSG0000064064	OXCT2	3-oxoacid (	ENSG00000112445	1.244513	-2.38936	5.26901	-0.45347
ENSG0000064789	EXO5	exonucleas	ENSG00000112445	1.244513	-2.38936	5.26901	-0.45347
ENSG00000100873	MEIS1-AS2	MEIS1 anti	ENSG00000112445	1.244513	-2.38936	5.26901	-0.45347
ENSG00000165530	CLEC4F	C-type lect	ENSG00000112445	1.244513	-2.38936	5.26901	-0.45347
ENSG0000050489	CD207	CD207 mol	ENSG00000112445	1.244513	-2.38936	5.26901	-0.45347
ENSG00000241351			ENSG00000112445	1.244513	-2.38936	5.26901	-0.45347
ENSG00000236564			ENSG00000112445	1.244513	-2.38936	5.26901	-0.45347
ENSG00000280399			ENSG00000112445	1.244513	-2.38936	5.26901	-0.45347
ENSG000002069	EREG	epiregulin	ENSG00000112445	1.244513	-2.38936	5.26901	-0.45347
ENSG000002996	GYPE	glycophori	ENSG00000112445	1.244513	-2.38936	5.26901	-0.45347
ENSG00000221527	ZBTB12	zinc finger	ENSG00000112445	1.244513	-2.38936	5.26901	-0.45347
ENSG00000271789			ENSG00000112445	1.244513	-2.38936	5.26901	-0.45347
ENSG00000231490			ENSG00000112445	1.244513	-2.38936	5.26901	-0.45347
ENSG00000253650	ANKRD18A	ankyrin re	ENSG00000112445	1.244513	-2.38936	5.26901	-0.45347
ENSG00000101928	LOC101928	uncharacte	ENSG00000112445	1.244513	-2.38936	5.26901	-0.45347
ENSG0000011217	AKAP2	A-kinase ar	ENSG00000112445	1.244513	-2.38936	5.26901	-0.45347
ENSG00000150	ADRA2A	adrenocep	ENSG00000112445	1.244513	-2.38936	5.26901	-0.45347

ENSG0000010254865			ENSG0000010254865	1.244513	-2.38936	5.26901	-0.45347
ENSG000001100507300	ALKBH3-AS1	ALKBH3 antisense intron 1	ENSG000001100507300	1.244513	-2.38936	5.26901	-0.45347
ENSG00000103852	KRT5	keratin 5	ENSG00000103852	1.244513	-2.38936	5.26901	-0.45347
ENSG0000010258373			ENSG0000010258373	1.244513	-2.38936	5.26901	-0.45347
ENSG0000010211949			ENSG0000010211949	1.244513	-2.38936	5.26901	-0.45347
ENSG0000010211964			ENSG0000010211964	1.244513	-2.38936	5.26901	-0.45347
ENSG000001105371414	LOC105371414	uncharacterized protein	ENSG000001105371414	1.244513	-2.38936	5.26901	-0.45347
ENSG0000010279981			ENSG0000010279981	1.244513	-2.38936	5.26901	-0.45347
ENSG0000010279390			ENSG0000010279390	1.244513	-2.38936	5.26901	-0.45347
ENSG0000010211651			ENSG0000010211651	1.244513	-2.38936	5.26901	-0.45347
ENSG00000108908	GYG2	glycogenin	ENSG00000108908	1.244513	-2.38936	5.26901	-0.45347
ENSG000001101060146	CHMP1B2F	charged multimeric protein	ENSG000001101060146	1.244513	-2.38936	5.26901	-0.45347
ENSG0000010228411			ENSG0000010228411	1.244513	-2.38936	5.26901	-0.45347
ENSG000001023192	ATG4B	autophagy	ENSG000001023192	30.14127	0.472259	1.041448	0.453464
ENSG0000010170954	PPP1R18	protein phosphatase 1 regulatory subunit 18	ENSG0000010170954	47.0484	0.414311	0.914094	0.453247
ENSG0000010440456	PLEKHM1P	pleckstrin homology domain containing protein	ENSG0000010440456	24.84071	0.520945	1.149828	0.453063
ENSG000001080263	TRIM45	tripartite motif domain containing protein	ENSG000001080263	14.84301	0.644867	1.425026	0.45253
ENSG00000107392	USF2	upstream stimulatory factor 2	ENSG00000107392	78.59151	0.34398	0.760141	0.452521
ENSG0000010203197	TMEM268	transmembrane protein	ENSG0000010203197	8.332069	0.813744	1.798615	0.452428
ENSG000001057161	PELI2	pellino E3 ubiquitin ligase	ENSG000001057161	14.4181	0.703358	1.555377	0.452211
ENSG000001051463	GPR89B	G protein-coupled receptor	ENSG000001051463	5.188482	1.006028	2.224986	0.45215
ENSG0000010133383	SETD9	SET domain containing protein	ENSG0000010133383	5.188482	1.006028	2.224986	0.45215
ENSG00000102150	F2RL1	F2R like tryptase receptor	ENSG00000102150	5.188482	1.006028	2.224986	0.45215
ENSG0000010387923	SERP2	stress associated protein	ENSG0000010387923	5.188482	1.006028	2.224986	0.45215
ENSG000001057470	LRRC47	leucine rich repeat containing protein	ENSG000001057470	47.42805	0.400313	0.88543	0.452112
ENSG000001053938	PPIL3	peptidyl prolyl isomerase	ENSG000001053938	14.88826	0.63029	1.394145	0.452098
ENSG00000109463	PICK1	protein interacting with Cdk5	ENSG00000109463	14.88826	0.63029	1.394145	0.452098
ENSG000001022955	SCMH1	Scm polycomb target	ENSG000001022955	62.81642	-0.36892	0.816188	-0.452
ENSG00000102245	FGD1	FYVE, Rho GTPase binding domain containing protein	ENSG00000102245	13.66859	-0.6803	1.505286	-0.45194
ENSG000001064848	YTHDC2	YTH domain containing protein	ENSG000001064848	50.70739	0.395661	0.875585	0.451882
ENSG0000010554203	JPX	JPX transcribed antisense RNA	ENSG0000010554203	16.00029	-0.63696	1.410035	-0.45173
ENSG000001057099	AVEN	apoptosis associated protein	ENSG000001057099	16.51348	0.606447	1.342716	0.451657
ENSG000001051031	GLOD4	glyoxalase	ENSG000001051031	16.51348	0.606447	1.342716	0.451657
ENSG0000010387066	SNHG5	small nucleolar RNA	ENSG0000010387066	29.95529	-0.5117	1.133029	-0.45162
ENSG000001084162	KIAA1109	KIAA1109	ENSG000001084162	288.016	-0.2532	0.560699	-0.45157
ENSG00000101654	DDX3X	DEAD-box protein	ENSG00000101654	328.5283	-0.25992	0.575682	-0.45151
ENSG000001026262	TSPAN17	tetraspanin	ENSG000001026262	33.5765	0.451971	1.001035	0.451503
ENSG000001010250	SRRM1	serine and arginine rich matrix protein	ENSG000001010250	84.68904	-0.33615	0.744583	-0.45147
ENSG000001079605	PGBD5	piggyBac transposon	ENSG000001079605	9.74359	0.820816	1.819131	0.451213
ENSG0000010257019	FRMD3	FERM domain containing protein	ENSG0000010257019	113.9822	0.306524	0.679419	0.451157
ENSG000001100131089	SRP14-AS1	SRP14 antisense intron 1	ENSG000001100131089	15.97767	-0.63248	1.401978	-0.45114
ENSG0000010160335	TMTC2	transmembrane protein	ENSG0000010160335	18.39359	-0.61079	1.354196	-0.45103
ENSG00000106834	SURF1	SURF1, cytosolic	ENSG00000106834	26.68969	0.495619	1.098886	0.45102
ENSG000001054921	CHTF8	chromosomal translocation fusion protein	ENSG000001054921	27.42625	-0.50286	1.115061	-0.45097
ENSG0000010204789			ENSG0000010204789	11.59885	0.701317	1.555247	0.450936
ENSG000001081533	ITFG1	integrin alpha 1	ENSG000001081533	64.92854	0.356798	0.791495	0.450789
ENSG000001084280	BTBD10	BTB domain containing protein	ENSG000001084280	31.88968	0.459396	1.019195	0.450744

ENSG00000181532	MOB2	MOB kinas	ENSG0000018.30309	-0.59537	1.321074	-0.45067
ENSG000001109	ADCY3	adenylate c	ENSG0000021.01693	-0.61231	1.35901	-0.45056
ENSG00000184908	FAM136A	family with	ENSG0000016.42298	0.631942	1.402603	0.45055
ENSG00000154926	UBE2R2	ubiquitin c	ENSG0000082.42274	0.333037	0.739678	0.450246
ENSG0000017335	UBE2V1	ubiquitin c	ENSG000008.88828	-0.82959	1.842946	-0.45015
ENSG0000017569	ZNF182	zinc finger	ENSG000008.88828	-0.82959	1.842946	-0.45015
ENSG0000015324	PLAG1	PLAG1 zinc	ENSG0000022.83701	-0.5394	1.198427	-0.45009
ENSG000001132241	RPL32P3	ribosomal	ENSG0000011.28158	-0.74292	1.650696	-0.45006
ENSG0000015338	PLD2	phospholip	ENSG0000011.28158	-0.74292	1.650696	-0.45006
ENSG0000010234814			ENSG0000018.28674	-0.59725	1.327464	-0.44992
ENSG000001113263	GLCCI1	glucocortic	ENSG000009.834091	0.774099	1.720579	0.449906
ENSG0000010229036			ENSG000003.777352	-1.2642	2.80995	-0.4499
ENSG0000010236998			ENSG000003.777352	-1.2642	2.80995	-0.4499
ENSG00000157758	SCUBE2	signal pept	ENSG000003.777352	-1.2642	2.80995	-0.4499
ENSG000001100506428	CBR3-AS1	CBR3 antis	ENSG000003.777352	-1.2642	2.80995	-0.4499
ENSG00000110762	NUP50	nucleoporin	ENSG0000047.23319	0.405468	0.902551	0.449246
ENSG0000016741	SSB	Sjogren syr	ENSG0000040.56387	0.418484	0.931603	0.449209
ENSG000001143384	CACUL1	CDK2 assoc	ENSG0000084.06052	0.331788	0.738661	0.449175
ENSG00000179933	SYNPO2L	synaptopoi	ENSG00000324.121	0.288125	0.641578	0.449089
ENSG00000179717	PPCS	phosphopae	ENSG0000023.24819	0.535055	1.191626	0.449012
ENSG0000013158	HMGCS2	3-hydroxy-	ENSG0000023.16396	0.545219	1.214314	0.448993
ENSG0000015719	PSMD13	proteasom	ENSG0000061.38646	0.366384	0.816747	0.44859
ENSG00000155081	IFT57	intraflagell	ENSG0000024.9966	0.514307	1.146627	0.448539
ENSG00000183443	SF3B5	splicing fac	ENSG0000021.58399	0.548048	1.222616	0.448258
ENSG0000017579	ZSCAN20	zinc finger	ENSG0000011.25895	-0.73656	1.643867	-0.44807
ENSG00000164718	UNKL	unkempt f	ENSG0000011.25895	-0.73656	1.643867	-0.44807
ENSG000001246119	TTY10	testis-spec	ENSG0000011.25895	-0.73656	1.643867	-0.44807
ENSG000001282809	POC1B	POC1 centri	ENSG0000019.92608	0.554737	1.238338	0.447969
ENSG00000179991	STN1	STN1, CST	ENSG0000026.79026	0.488926	1.091464	0.447954
ENSG00000110652	YKT6	YKT6 v-SN	ENSG0000047.3828	0.403982	0.901971	0.447888
ENSG000001389524	GTF2IRD2E	GTF2I repe	ENSG0000011.3042	-0.74906	1.672834	-0.44778
ENSG00000179728	PALB2	partner an	ENSG0000011.3042	-0.74906	1.672834	-0.44778
ENSG00000111284	PNKP	polynucleo	ENSG0000011.3042	-0.74906	1.672834	-0.44778
ENSG0000011024	CDK8	cyclin depe	ENSG0000014.92723	0.628027	1.402746	0.447713
ENSG00000154820	NDE1	nudE neur	ENSG0000019.9198	0.563151	1.25796	0.44767
ENSG00000110994	ILVBL	ilvB acetol	ENSG0000034.0392	-0.45489	1.01622	-0.44763
ENSG00000164795	RMND5A	required fc	ENSG00000260.8882	0.254524	0.568665	0.447582
ENSG000001399818	EEF1AKMT	EEF1A lysir	ENSG000008.849307	-0.82577	1.844968	-0.44758
ENSG0000015872	RAB13	RAB13, me	ENSG0000031.81435	-0.4674	1.044733	-0.44739
ENSG00000110302	SNAPC5	small nucle	ENSG0000016.59142	0.602175	1.346354	0.447264
ENSG0000015870	RAB6A	RAB6A, me	ENSG00000128.2549	0.294221	0.657859	0.44724
ENSG00000127297	CRCP	CGRP recej	ENSG0000025.06186	-0.51559	1.152853	-0.44723
ENSG0000016697	SPR	sepiapterir	ENSG0000023.01552	-0.54961	1.229132	-0.44716
ENSG0000013104	ZBTB48	zinc finger	ENSG000009.895689	0.758981	1.698132	0.446951
ENSG00000184071	ARMC2	armadillo r	ENSG000009.895689	0.758981	1.698132	0.446951
ENSG00000110051	SMC4	structural r	ENSG0000029.55053	-0.48048	1.0753	-0.44683
ENSG0000013927	LASP1	LIM and SF	ENSG0000071.87066	0.348972	0.781158	0.446736

ENSG00000201161	CENPV	centromer	ENSG00000201161	6.394414	-0.96737	2.165672	-0.44669
ENSG0000055281	TMEM140	transmembr	ENSG0000055281	50.89219	0.387528	0.867745	0.446593
ENSG0000079719	AAGAB	alpha and g	ENSG0000079719	30.05077	0.484794	1.08558	0.446575
ENSG00000552889	ATXN7L3B	ataxin 7 lik	ENSG00000552889	71.63538	-0.35265	0.789786	-0.44651
ENSG0000080315	CPEB4	cytoplasmic	ENSG0000080315	450.5428	-0.24214	0.542657	-0.44622
ENSG000006391	SDHC	succinate c	ENSG000006391	117.3465	-0.30532	0.684252	-0.44621
ENSG00000657	BMPR1A	bone morph	ENSG00000657	52.78014	0.378076	0.847312	0.446206
ENSG0000022870	PPP6R1	protein pho	ENSG0000022870	38.46627	-0.43247	0.969341	-0.44614
ENSG00000114882	OSBPL8	oxysterol b	ENSG00000114882	149.5891	0.280742	0.629349	0.446084
ENSG0000023231	SEL1L3	SEL1L fami	ENSG0000023231	14.94986	0.620747	1.391549	0.446083
ENSG0000051734	MSRB1	methionin	ENSG0000051734	18.30086	0.569504	1.276833	0.446029
ENSG0000092285	ZNF585B	zinc finger	ENSG0000092285	25.10711	-0.52122	1.168923	-0.4459
ENSG0000051149	MRNIP	MRN comp	ENSG0000051149	20.70266	-0.58201	1.305352	-0.44586
ENSG0000025852	ARMC8	armadillo r	ENSG0000025852	59.79015	0.362186	0.812351	0.445849
ENSG0000055763	EXOC1	exocyst co	ENSG0000055763	38.87706	0.423125	0.949157	0.445791
ENSG000006362	CCL18	C-C motif c	ENSG000006362	6.899752	-1.11667	2.505327	-0.44572
ENSG0000029105	CFAP20	cilia and fl	ENSG0000029105	11.46009	-0.76236	1.710481	-0.4457
ENSG000002948	GSTM4	glutathion	ENSG000002948	23.17652	0.5319	1.193953	0.445495
ENSG00000115353	LRRC42	leucine ric	ENSG00000115353	6.355441	-0.96222	2.162712	-0.44491
ENSG00000203506			ENSG00000203506	6.355441	-0.96222	2.162712	-0.44491
ENSG0000054982	CLN6	CLN6, tran	ENSG0000054982	6.355441	-0.96222	2.162712	-0.44491
ENSG00000153443	SRFBP1	serum resp	ENSG00000153443	15.93869	-0.63012	1.416316	-0.4449
ENSG0000057448	BIRC6	baculoviral	ENSG0000057448	311.1731	-0.24673	0.554643	-0.44484
ENSG000003916	LAMP1	lysosomal ;	ENSG000003916	88.86973	-0.32726	0.735941	-0.44469
ENSG0000057002	YAE1	YAE1, ABCI	ENSG0000057002	6.791075	0.876385	1.971856	0.444447
ENSG000005361	PLXNA1	plexin A1	ENSG000005361	49.52264	-0.39364	0.88573	-0.44443
ENSG000006614	SIGLEC1	sialic acid k	ENSG000006614	42.18753	1.134502	2.553023	0.444376
ENSG0000026099	SZRD1	SUZ RNA b	ENSG0000026099	69.17042	-0.34938	0.786285	-0.44435
ENSG00000154043	CNKSR3	CNKSR fam	ENSG00000154043	27.30305	-0.49464	1.113433	-0.44424
ENSG00000279117			ENSG00000279117	8.927253	-0.83372	1.877753	-0.444
ENSG0000060560	NAA35	N(alpha)-a	ENSG0000060560	29.5279	-0.47804	1.076795	-0.44395
ENSG0000051650	MRPS33	mitochond	ENSG0000051650	26.82924	0.487411	1.098316	0.44378
ENSG00000389677	RBM12B	RNA bindir	ENSG00000389677	36.28039	-0.4432	0.998874	-0.4437
ENSG0000054879	ST7L	suppressio	ENSG0000054879	18.20251	-0.5873	1.323688	-0.44368
ENSG0000051287	COA4	cytochrom	ENSG0000051287	20.02665	0.545878	1.230551	0.443605
ENSG0000025966	C2CD2	C2 calcium	ENSG0000025966	22.82066	-0.54072	1.219003	-0.44358
ENSG0000010959	TMED2	transmembr	ENSG0000010959	119.4927	0.296629	0.668831	0.443504
ENSG0000026036	ZNF451	zinc finger	ENSG0000026036	71.57627	-0.35464	0.799669	-0.44349
ENSG0000091433	RCCD1	RCC1 dom	ENSG0000091433	6.378066	-0.97297	2.194418	-0.44338
ENSG00000270911			ENSG00000270911	2.129118	1.623203	3.664125	0.442999
ENSG00000100132417	FCGR1CP	Fc fragmer	ENSG00000100132417	2.129118	1.623203	3.664125	0.442999
ENSG00000201651	AADACP1	arylacetam	ENSG00000201651	2.129118	1.623203	3.664125	0.442999
ENSG0000084517	ACTRT3	actin relat	ENSG0000084517	2.129118	1.623203	3.664125	0.442999
ENSG00000230732			ENSG00000230732	2.129118	1.623203	3.664125	0.442999
ENSG0000054553	MIR4453H	MIR4453 h	ENSG0000054553	2.129118	1.623203	3.664125	0.442999
ENSG00000241230			ENSG00000241230	2.129118	1.623203	3.664125	0.442999
ENSG00000134637	ADAT2	adenosine	ENSG00000134637	2.129118	1.623203	3.664125	0.442999

ENSG0000I	ENSG0000I	85477	SCIN	scinderin	ENSG0000I	2.129118	1.623203	3.664125	0.442999
ENSG0000I	ENSG000000	237065			ENSG0000I	2.129118	1.623203	3.664125	0.442999
ENSG0000I	ENSG000000	280193			ENSG0000I	2.129118	1.623203	3.664125	0.442999
ENSG0000I	ENSG0000I	503542	SPRN	shadow of	ENSG0000I	2.129118	1.623203	3.664125	0.442999
ENSG0000I	ENSG0000I	643733	CASP17P	caspase 17	ENSG0000I	2.129118	1.623203	3.664125	0.442999
ENSG0000I	ENSG0000I	100505538	RBM26-AS	RBM26 ant	ENSG0000I	2.129118	1.623203	3.664125	0.442999
ENSG0000I	ENSG000000	258891			ENSG0000I	2.129118	1.623203	3.664125	0.442999
ENSG0000I	ENSG000000	259768			ENSG0000I	2.129118	1.623203	3.664125	0.442999
ENSG0000I	ENSG000000	279187			ENSG0000I	2.129118	1.623203	3.664125	0.442999
ENSG0000I	ENSG0000I	51171	HSD17B14	hydroxyste	ENSG0000I	2.129118	1.623203	3.664125	0.442999
ENSG0000I	ENSG000000	268545			ENSG0000I	2.129118	1.623203	3.664125	0.442999
ENSG0000I	ENSG0000I	150223	YDJC	YdjC chitoc	ENSG0000I	2.129118	1.623203	3.664125	0.442999
ENSG0000I	ENSG0000I	9997	SCO2	SCO2, cyto	ENSG0000I	2.129118	1.623203	3.664125	0.442999
ENSG0000I	ENSG0000I	55026	TMEM255	transmeml	ENSG0000I	2.129118	1.623203	3.664125	0.442999
ENSG0000I	ENSG0000I	6239	RREB1	ras respon	ENSG0000I	110.7562	-0.30848	0.696357	-0.443
ENSG0000I	ENSG0000I	25926	NOL11	nucleolar p	ENSG0000I	31.97391	0.452084	1.020745	0.442896
ENSG0000I	ENSG0000I	8313	AXIN2	axin 2	ENSG0000I	11.66045	0.688841	1.555802	0.442756
ENSG0000I	ENSG0000I	51204	TACO1	translation	ENSG0000I	23.43926	0.510349	1.152961	0.442642
ENSG0000I	ENSG0000I	10399	RACK1	receptor fc	ENSG0000I	314.9655	0.264601	0.597992	0.442482
ENSG0000I	ENSG0000I	10867	TSPAN9	tetraspanir	ENSG0000I	136.0278	-0.31374	0.709084	-0.44246
ENSG0000I	ENSG0000I	10560	SLC19A2	solute carr	ENSG0000I	52.0492	-0.39834	0.900399	-0.4424
ENSG0000I	ENSG0000I	29097	CNIH4	cornichon f	ENSG0000I	24.80173	0.522986	1.182931	0.442111
ENSG0000I	ENSG0000I	80344	DCAF11	DDB1 and	ENSG0000I	75.71549	-0.33907	0.766944	-0.4421
ENSG0000I	ENSG0000I	9962	SLC23A2	solute carr	ENSG0000I	31.75903	-0.46699	1.056408	-0.44206
ENSG0000I	ENSG0000I	60678	EEFSEC	eukaryotic	ENSG0000I	11.23632	-0.73016	1.651816	-0.44204
ENSG0000I	ENSG000000	279118			ENSG0000I	11.23632	-0.73016	1.651816	-0.44204
ENSG0000I	ENSG0000I	26098	EDRF1	erythroid c	ENSG0000I	11.21998	-0.7334	1.659237	-0.44201
ENSG0000I	ENSG0000I	6829	SUPT5H	SPT5 homc	ENSG0000I	97.47748	-0.31671	0.716661	-0.44193
ENSG0000I	ENSG0000I	26275	HIBCH	3-hydroxyi	ENSG0000I	35.48708	0.432383	0.978607	0.441836
ENSG0000I	ENSG0000I	11322	TMC6	transmeml	ENSG0000I	20.46634	-0.55431	1.255178	-0.44162
ENSG0000I	ENSG0000I	342371	ATXN1L	ataxin 1 lik	ENSG0000I	65.01904	0.351591	0.796342	0.441508
ENSG0000I	ENSG0000I	79139	DERL1	derlin 1	ENSG0000I	51.11595	0.378505	0.857329	0.441494
ENSG0000I	ENSG0000I	23500	DAAM2	dishevellec	ENSG0000I	59.21523	-0.40753	0.923544	-0.44127
ENSG0000I	ENSG0000I	1123	CHN1	chimerin 1	ENSG0000I	11.19735	-0.72704	1.647905	-0.44119
ENSG0000I	ENSG0000I	5704	PSMC4	proteasom	ENSG0000I	44.16127	0.399898	0.906545	0.441124
ENSG0000I	ENSG0000I	28	ABO	ABO, alpha	ENSG0000I	3.738379	-1.25578	2.847122	-0.44107
ENSG0000I	ENSG000000	278255			ENSG0000I	3.738379	-1.25578	2.847122	-0.44107
ENSG0000I	ENSG0000I	104355297	ABCA9-AS	ABCA9 ant	ENSG0000I	3.738379	-1.25578	2.847122	-0.44107
ENSG0000I	ENSG000000	276980			ENSG0000I	3.738379	-1.25578	2.847122	-0.44107
ENSG0000I	ENSG0000I	147463	ANKRD29	ankyrin re	ENSG0000I	8.293096	0.817439	1.853374	0.441055
ENSG0000I	ENSG0000I	65998	C11orf95	chromosor	ENSG0000I	13.59065	-0.6749	1.531048	-0.44081
ENSG0000I	ENSG0000I	5611	DNAJC3	DnaJ heat	ENSG0000I	119.1294	0.302844	0.687144	0.440729
ENSG0000I	ENSG0000I	10376	TUBA1B	tubulin alp	ENSG0000I	44.1839	0.397856	0.902757	0.440712
ENSG0000I	ENSG0000I	5932	RBBP8	RB binding	ENSG0000I	13.32464	0.649343	1.473544	0.440667
ENSG0000I	ENSG0000I	57125	PLXDC1	plexin dom	ENSG0000I	27.24145	-0.49051	1.113113	-0.44067
ENSG0000I	ENSG000000	278600			ENSG0000I	3.709085	1.159743	2.632417	0.440562
ENSG0000I	ENSG0000I	3015	H2AFZ	H2A histon	ENSG0000I	19.88711	0.556821	1.264114	0.440484

ENSG00000155652	SLC48A1	solute carr	ENSG0000013540913	0.434861	0.987423	0.4404
ENSG00000273748			ENSG00000135454	-0.6644	1.508627	-0.4404
ENSG0000019706	ULK2	unc-51 like	ENSG000001294663	-0.47422	1.076818	-0.44039
ENSG0000011258	DCTN3	dynactin su	ENSG0000013030344	0.461704	1.048436	0.440374
ENSG00000123527	ACAP2	ArfGAP wit	ENSG000001879659	0.318055	0.72231	0.44033
ENSG000001124583	CANT1	calcium ac	ENSG0000012504551	-0.51674	1.17398	-0.44016
ENSG00000155252	ASXL2	ASXL trans	ENSG0000011021258	-0.31627	0.719158	-0.43978
ENSG000001839	CASP6	caspase 6	ENSG000001525008	0.976031	2.220421	0.43957
ENSG00000179609	VCPKMT	valosin cor	ENSG000001525008	0.976031	2.220421	0.43957
ENSG0000017407	VARS	valyl-tRNA	ENSG0000012720248	-0.48903	1.112547	-0.43956
ENSG000001100507217	LINC01578	long interg	ENSG0000012944996	-0.47526	1.081863	-0.43929
ENSG00000151249	TMEM69	transmeml	ENSG0000018865655	-0.82171	1.870655	-0.43926
ENSG00000181875	ISG20L2	interferon	ENSG0000012514242	0.49925	1.136588	0.439253
ENSG00000151088	KLHL5	kelch like f	ENSG000001355097	0.429733	0.978328	0.439253
ENSG00000165080	MRPL44	mitochond	ENSG0000012505558	-0.51146	1.165297	-0.43891
ENSG0000013925	STMN1	stathmin 1	ENSG0000011832349	0.563809	1.284666	0.438876
ENSG00000184231	TRAF7	TNF recept	ENSG0000011832349	0.563809	1.284666	0.438876
ENSG000001114789	SLC25A25	solute carr	ENSG0000011497248	0.613502	1.397976	0.43885
ENSG00000111022	TDRKH	tudor and l	ENSG0000013715754	-1.23769	2.820753	-0.43878
ENSG00000240499			ENSG0000013715754	-1.23769	2.820753	-0.43878
ENSG0000016461	SHB	SH2 domai	ENSG0000013715754	-1.23769	2.820753	-0.43878
ENSG00000154972	TMEM132	transmeml	ENSG0000013715754	-1.23769	2.820753	-0.43878
ENSG00000125880	TMEM186	transmeml	ENSG0000013715754	-1.23769	2.820753	-0.43878
ENSG00000279207			ENSG0000013715754	-1.23769	2.820753	-0.43878
ENSG000001171523	CYP2T1P	cytochrom	ENSG0000013715754	-1.23769	2.820753	-0.43878
ENSG00000279948			ENSG0000013715754	-1.23769	2.820753	-0.43878
ENSG00000129923	HILPDA	hypoxia inc	ENSG0000018894557	-0.84096	1.917248	-0.43863
ENSG000001100873935	MTOR-AS1	MTOR anti	ENSG0000011098692	-2.20634	5.030637	-0.43858
ENSG00000231849			ENSG0000011098692	-2.20634	5.030637	-0.43858
ENSG00000269887			ENSG0000011098692	-2.20634	5.030637	-0.43858
ENSG00000223525			ENSG0000011098692	-2.20634	5.030637	-0.43858
ENSG00000228525			ENSG0000011098692	-2.20634	5.030637	-0.43858
ENSG00000235072			ENSG0000011098692	-2.20634	5.030637	-0.43858
ENSG00000123559	WBP1	WW doma	ENSG0000011098692	-2.20634	5.030637	-0.43858
ENSG000001117581	TWIST2	twist famil	ENSG0000011098692	-2.20634	5.030637	-0.43858
ENSG00000200114			ENSG0000011098692	-2.20634	5.030637	-0.43858
ENSG000001100128640	ACVR2B-A	ACVR2B an	ENSG0000011098692	-2.20634	5.030637	-0.43858
ENSG00000283511			ENSG0000011098692	-2.20634	5.030637	-0.43858
ENSG00000202071			ENSG0000011098692	-2.20634	5.030637	-0.43858
ENSG000001285359	PDCL3P4	phosducin-	ENSG0000011098692	-2.20634	5.030637	-0.43858
ENSG0000017348	UPK1B	uroplakin 1	ENSG0000011098692	-2.20634	5.030637	-0.43858
ENSG00000243508			ENSG0000011098692	-2.20634	5.030637	-0.43858
ENSG00000248557			ENSG0000011098692	-2.20634	5.030637	-0.43858
ENSG00000242992			ENSG0000011098692	-2.20634	5.030637	-0.43858
ENSG00000166000	TMEM108	transmeml	ENSG0000011098692	-2.20634	5.030637	-0.43858
ENSG00000205682			ENSG0000011098692	-2.20634	5.030637	-0.43858
ENSG00000242318			ENSG0000011098692	-2.20634	5.030637	-0.43858

ENSG0000I	ENSG00000251586			ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG0000I 10586	MAB21L2	mab-21 lik	ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG00000248813			ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG0000I 6606	SMN1	survival of	ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG00000254701			ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG00000250329			ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG0000I 114787	GPRIN1	G protein r	ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG0000I 81491	GPR63	G protein-c	ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG00000220506			ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG00000233351			ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG0000I 22798	LAMB4	laminin sul	ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG00000243679			ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG00000253930			ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG00000253112			ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG00000272518			ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG00000202172			ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG0000I 84688	C9orf24	chromosor	ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG00000228307			ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG00000225345			ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG00000235641			ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG0000I 441549	CDNF	cerebral dc	ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG00000213659			ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG0000I 219623	TMEM26	transmeml	ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG00000279814			ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG00000278616			ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG00000281974			ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG0000I 100132116	ACTA2-AS1	ACTA2 anti	ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG0000I 1571	CYP2E1	cytochrom	ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG0000I 24147	FJX1	four-jointe	ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG0000I 729799	SEC14L1P1	SEC14 like	ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG0000I 57569	ARHGAP2C	Rho GTPas	ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG00000257243			ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG00000257246			ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG0000I 100129940	LOC100129	uncharacte	ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG0000I 256710	GLIPR1L1	GLIPR1 like	ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG0000I 107984535	LOC107984	uncharacte	ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG0000I 196475	RMST	rhabdomyo	ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG00000277840			ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG00000270061			ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG0000I 64403	CDH24	cadherin 2	ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG00000259536			ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG00000259935			ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG00000259570			ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG00000280048			ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG0000I 64499	TPSB2	tryptase be	ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG0000I 106144584	LINC01290	long interg	ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG00000279789			ENSG0000I	1.098692	-2.20634	5.030637	-0.43858

ENSG0000I	ENSG00000280211		ENSG0000I	1.098692	-2.20634	5.030637	-0.43858	
ENSG0000I	ENSG00000261868		ENSG0000I	1.098692	-2.20634	5.030637	-0.43858	
ENSG0000I	ENSG00000275532		ENSG0000I	1.098692	-2.20634	5.030637	-0.43858	
ENSG0000I	ENSG0000I55771	PRR11	proline rich	ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG00000277382			ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG0000I55034	MOCOS	molybdenum	ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG0000I10297	APC2	APC2, WNT	ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG0000I5623	PSPN	persephin	ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG00000268117			ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG00000269535			ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG00000276578			ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG00000275437			ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG0000I23308	ICOSLG	inducible T	ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG00000184441			ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG00000229492			ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG00000236670			ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG00000244671			ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG0000I2187	FANCB	FA complex	ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG0000I2258	FGF13	fibroblast g	ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG00000224069			ENSG0000I	1.098692	-2.20634	5.030637	-0.43858
ENSG0000I	ENSG0000I11066	SNRNP35	small nucle	ENSG0000I	22.69119	-0.52644	1.200354	-0.43857
ENSG0000I	ENSG0000I28972	SPCS1	signal pept	ENSG0000I	21.72982	0.530437	1.209621	0.438515
ENSG0000I	ENSG0000I6048	RNF5	ring finger	ENSG0000I	30.34869	0.455369	1.038981	0.438284
ENSG0000I	ENSG0000I64839	FBXL17	F-box and l	ENSG0000I	72.21383	0.335263	0.765295	0.438084
ENSG0000I	ENSG0000I11152	WDR45	WD repeat	ENSG0000I	44.06698	0.401065	0.915879	0.437901
ENSG0000I	ENSG0000I54534	MRPL50	mitochond	ENSG0000I	35.54868	0.428515	0.978793	0.437799
ENSG0000I	ENSG0000I83658	DYNLRB1	dynein ligh	ENSG0000I	63.47177	0.348807	0.796819	0.437749
ENSG0000I	ENSG0000I400451	FAM174B	family with	ENSG0000I	10.01888	0.729441	1.666603	0.437681
ENSG0000I	ENSG0000I29994	BAZ2B	bromodorr	ENSG0000I	130.4307	0.284678	0.650717	0.437483
ENSG0000I	ENSG0000I3029	HAGH	hydroxyacy	ENSG0000I	53.80389	-0.37734	0.862576	-0.43746
ENSG0000I	ENSG0000I4212	MEIS2	Meis home	ENSG0000I	47.16453	-0.39663	0.907148	-0.43723
ENSG0000I	ENSG0000I5709	PSMD3	proteasom	ENSG0000I	68.71073	0.341924	0.782041	0.43722
ENSG0000I	ENSG0000I148789	B3GALNT2	beta-1,3-N	ENSG0000I	20.44371	-0.55077	1.260062	-0.43709
ENSG0000I	ENSG0000I400818	NBPF9	NBPF mem	ENSG0000I	15.83184	-0.6142	1.405474	-0.437
ENSG0000I	ENSG0000I26985	AP3M1	adaptor rel	ENSG0000I	40.69335	0.408335	0.934478	0.436966
ENSG0000I	ENSG0000I25949	SYF2	SYF2 pre-r	ENSG0000I	28.6229	0.465297	1.065056	0.436875
ENSG0000I	ENSG0000I26030	PLEKHG3	pleckstrin l	ENSG0000I	20.40474	-0.54889	1.256409	-0.43687
ENSG0000I	ENSG0000I835	CASP2	caspase 2	ENSG0000I	24.96129	-0.50948	1.166413	-0.43679
ENSG0000I	ENSG0000I10050619C	LINC00963	long interg	ENSG0000I	34.19757	-0.46889	1.073969	-0.4366
ENSG0000I	ENSG0000I1653	DDX1	DEAD-box	ENSG0000I	131.8234	0.292337	0.669979	0.436338
ENSG0000I	ENSG0000I11196	SEC23IP	SEC23 inte	ENSG0000I	42.6922	-0.40735	0.933875	-0.4362
ENSG0000I	ENSG0000I84256	FLYWCH1	FLYWCH-ty	ENSG0000I	18.11829	-0.57724	1.323544	-0.43613
ENSG0000I	ENSG0000I55343	SLC35C1	solute carr	ENSG0000I	8.765084	-0.80568	1.847438	-0.4361
ENSG0000I	ENSG0000I9478	CABP1	calcium bir	ENSG0000I	8.765084	-0.80568	1.847438	-0.4361
ENSG0000I	ENSG0000I10238	DCAF7	DDB1 and	ENSG0000I	82.23794	-0.32967	0.756086	-0.43602
ENSG0000I	ENSG0000I84895	MIGA2	mitoguardi	ENSG0000I	38.35942	-0.42582	0.977451	-0.43564
ENSG0000I	ENSG0000I10778	ZNF271P	zinc finger	ENSG0000I	47.113	-0.39169	0.899903	-0.43526

ENSG000001317649	EIF4E3	eukaryotic	ENSG00000177.63235	-0.3298	0.757792	-0.43521
ENSG0000010374	AREG	amphiregu	ENSG0000013.968423	-1.36301	3.131896	-0.4352
ENSG0000010218226			ENSG0000013.968423	-1.36301	3.131896	-0.4352
ENSG000001079053	ALG8	ALG8, alph	ENSG00000113.52277	-0.65904	1.51455	-0.43514
ENSG000001057620	STIM2	stromal int	ENSG00000120.0103	0.542652	1.24738	0.435034
ENSG0000010123879	DCUN1D3	defective ii	ENSG00000122.65221	-0.52472	1.206389	-0.43495
ENSG0000010254531	LPCAT4	lysophosph	ENSG00000140.12262	0.438605	1.008632	0.434851
ENSG000001051199	NIN	ninein	ENSG000001174.3887	0.272166	0.626071	0.434721
ENSG00000109673	SLC25A44	solute carr	ENSG00000133.83178	-0.44274	1.018451	-0.43472
ENSG000001055904	KMT2E	lysine metl	ENSG000001138.2462	-0.28271	0.650327	-0.43472
ENSG00000103422	IDI1	isopenteny	ENSG00000123.52348	0.500145	1.150613	0.434677
ENSG000001079836	LONRF3	LON peptic	ENSG0000016.293843	-0.9459	2.176475	-0.4346
ENSG000001027345	KCNMB4	potassium	ENSG0000016.690504	0.903578	2.079173	0.434585
ENSG00000109238	TBRG4	transformi	ENSG00000142.68593	-0.40508	0.932492	-0.43441
ENSG000001051125	GOLGA7	golgin A7	ENSG00000126.89711	0.476464	1.096831	0.4344
ENSG000001023513	SCRIB	scribbled p	ENSG00000113.62334	-0.66995	1.542547	-0.43432
ENSG000001064783	RBM15	RNA bindir	ENSG00000136.04028	-0.43332	0.997751	-0.43429
ENSG000001079573	TTC13	tetratricop	ENSG00000113.4838	-0.65638	1.51175	-0.43419
ENSG00000106256	RXRA	retinoid X r	ENSG00000171.06465	-0.33802	0.778699	-0.43409
ENSG00000109588	PRDX6	peroxiredo	ENSG000001252.2341	0.254675	0.586707	0.434075
ENSG00000102967	GTF2H3	general tra	ENSG00000115.03408	0.604047	1.391762	0.434016
ENSG000001025909	AHCTF1	AT-hook cc	ENSG000001132.3133	-0.29527	0.68033	-0.43401
ENSG000001027163	NAAA	N-acyletha	ENSG00000111.72205	0.676435	1.558612	0.433998
ENSG000001051399	TRAPPC4	trafficking	ENSG00000111.72205	0.676435	1.558612	0.433998
ENSG0000010339448	C1orf174	chromosor	ENSG00000111.13575	-0.71745	1.653268	-0.43396
ENSG0000010115024	NT5C3B	5'-nucleoti	ENSG00000111.13575	-0.71745	1.653268	-0.43396
ENSG0000010102724105	ZNF528-AS	ZNF528 an	ENSG00000111.13575	-0.71745	1.653268	-0.43396
ENSG000001025941	TPGS2	tubulin pol	ENSG00000136.01766	-0.43135	0.994147	-0.43389
ENSG00000108449	DHX16	DEAH-box	ENSG00000133.74494	0.438236	1.010066	0.433869
ENSG000001010926	DBF4	DBF4 zinc f	ENSG0000013.670112	1.164248	2.68436	0.433716
ENSG000001051121	RPL26L1	ribosomal	ENSG0000016.852672	0.85421	1.969888	0.433634
ENSG000001055794	DDX28	DEAD-box	ENSG0000016.852672	0.85421	1.969888	0.433634
ENSG00000107733	ZNF180	zinc finger	ENSG0000016.852672	0.85421	1.969888	0.433634
ENSG000001057699	CPNE5	copine 5	ENSG00000171.07093	-0.33922	0.782345	-0.4336
ENSG00000107556	ZNF10	zinc finger	ENSG00000110.03523	0.737814	1.702301	0.433422
ENSG0000010488	ATP2A2	ATPase sar	ENSG0000012937.862	-0.21852	0.504188	-0.43341
ENSG0000010369	ARAF	A-Raf prot	ENSG00000147.75867	0.384016	0.886104	0.433375
ENSG000001084897	TBRG1	transformi	ENSG00000128.6845	0.460486	1.0631	0.433154
ENSG00000104591	TRIM37	tripartite n	ENSG00000144.29075	0.390676	0.902287	0.432984
ENSG000001023543	RBFOX2	RNA bindir	ENSG000001151.3791	-0.27792	0.641879	-0.43298
ENSG00000105571	PRKAG1	protein kin	ENSG00000166.91707	0.34711	0.801923	0.432847
ENSG000001080318	GKAP1	G kinase ar	ENSG00000115.07305	0.60182	1.390773	0.432723
ENSG00000106875	TAF4B	TATA-box k	ENSG0000018.416292	0.781623	1.806414	0.432693
ENSG00000109149	DYRK1B	dual specif	ENSG00000113.52905	-0.66687	1.54127	-0.43267
ENSG000001022236	NAPEPLD	N-acyl pho	ENSG00000115.80922	-0.6096	1.410061	-0.43232
ENSG000001079675	FASTKD1	FAST kinas	ENSG00000152.76759	0.382581	0.885434	0.432083
ENSG000001054540	FAM193B	family with	ENSG00000127.20876	-0.49265	1.140259	-0.43205

ENSG0000015165	PDK3	pyruvate d	ENSG0000014.81031	0.635721	1.471536	0.432012
ENSG00000123207	C15orf40	chromosom	ENSG00000120.34314	-0.54345	1.25817	-0.43194
ENSG0000018825	LIN7A	lin-7 homo	ENSG00000126.99768	0.469836	1.088276	0.431725
ENSG00000154849	DEF8	differential	ENSG00000128.72347	0.459069	1.06342	0.431691
ENSG00000190522	YIF1B	Yip1 intera	ENSG00000110.08048	0.714957	1.656422	0.431627
ENSG00000123096	IQSEC2	IQ motif ar	ENSG00000110.08048	0.714957	1.656422	0.431627
ENSG000001117177	RAB3IP	RAB3A inte	ENSG00000138.31038	-0.42784	0.99129	-0.4316
ENSG000001158427	TSTD2	thiosulfate	ENSG00000133.77018	-0.43937	1.018624	-0.43134
ENSG00000156262	LRRC8A	leucine ric	ENSG00000146.99608	-0.38879	0.901366	-0.43134
ENSG00000155526	DHTKD1	dehydroge	ENSG00000158.08515	-0.36353	0.842825	-0.43132
ENSG00000184851	TRIM52	tripartite n	ENSG00000115.77025	-0.60728	1.407987	-0.43131
ENSG0000018677	STX10	syntaxin 10	ENSG00000118.37881	0.565296	1.310721	0.431286
ENSG00000155041	PLEKHB2	pleckstrin l	ENSG00000168.83392	0.337945	0.784037	0.431031
ENSG00000157609	DIP2B	disco inter	ENSG00000184.70919	0.316189	0.73363	0.430992
ENSG00000125842	ASF1A	anti-silenci	ENSG00000116.71462	0.58496	1.35728	0.43098
ENSG0000016414	SELENOP	selenoprot	ENSG00000128.36016	0.483288	1.121847	0.430797
ENSG0000013964	LGALS8	galectin 8	ENSG00000168.9018	0.334325	0.776086	0.430783
ENSG0000014208	MEF2C	myocyte e	ENSG00000193.57445	0.305863	0.710055	0.430759
ENSG000001133746	JMY	junction m	ENSG00000157.90663	-0.35902	0.833474	-0.43076
ENSG000001113174	SAAL1	serum amy	ENSG0000016.271218	-0.93467	2.170099	-0.43071
ENSG000001100507433	ZNF571-AS	ZNF571 an	ENSG0000016.271218	-0.93467	2.170099	-0.43071
ENSG000001301	ANXA1	annexin A1	ENSG00000175.65286	0.335686	0.779462	0.430664
ENSG00000184557	MAP1LC3A	microtubul	ENSG00000113.56174	-0.66187	1.536913	-0.43065
ENSG0000012803	GOLGA4	golgin A4	ENSG000001471.6874	-0.22961	0.533353	-0.43051
ENSG00000157019	CIAPIN1	cytokine in	ENSG00000133.90711	0.428797	0.996036	0.430503
ENSG000001116064	LRRC58	leucine ric	ENSG00000151.38418	-0.37703	0.875812	-0.43049
ENSG0000015104	SERPINA5	serpin fam	ENSG0000016.316468	-0.95658	2.222786	-0.43035
ENSG0000015802	PTPRS	protein tyr	ENSG0000016.316468	-0.95658	2.222786	-0.43035
ENSG00000122803	XRN2	5'-3' exorib	ENSG00000184.69912	0.314658	0.731278	0.430286
ENSG00000150848	F11R	F11 recept	ENSG00000118.44669	0.548544	1.274911	0.430261
ENSG000001994	CDC25B	cell divisio	ENSG00000120.49524	-0.56253	1.3076	-0.4302
ENSG00000158486	ZBED5	zinc finger	ENSG00000133.96753	-0.45503	1.057817	-0.43016
ENSG0000015214	PFKP	phosphofru	ENSG00000175.81751	0.326792	0.760013	0.429982
ENSG0000016147	RPL23A	ribosomal	ENSG00000167.03647	0.339213	0.789147	0.429848
ENSG0000014117	MAK	male germ	ENSG0000016.8137	0.857925	1.996122	0.429796
ENSG00000100262222			ENSG0000013.754727	-1.24675	2.901383	-0.42971
ENSG00000110227	MFSD10	major facili	ENSG0000018.726111	-0.80174	1.865864	-0.42969
ENSG0000014064	CD180	CD180 mol	ENSG0000013.73171	1.119734	2.607503	0.429428
ENSG0000013012	HIST1H2AE	histone clu	ENSG0000013.73171	1.119734	2.607503	0.429428
ENSG00000139	ACAT2	acetyl-CoA	ENSG0000013.73171	1.119734	2.607503	0.429428
ENSG000001144608	C12orf60	chromosom	ENSG0000013.73171	1.119734	2.607503	0.429428
ENSG00000127338	UBE2S	ubiquitin c	ENSG0000013.73171	1.119734	2.607503	0.429428
ENSG000001641	BLM	BLM RecQ	ENSG00000116.54617	0.61394	1.429794	0.42939
ENSG00000192399	MRRF	mitochond	ENSG00000127.12454	-0.48597	1.131823	-0.42937
ENSG000001221120	ALKBH3	alkB homo	ENSG00000114.93351	0.616157	1.436213	0.429015
ENSG00000181844	TRIM56	tripartite n	ENSG00000172.05794	0.338361	0.788709	0.429006
ENSG00000157680	CHD8	chromodor	ENSG000001114.204	-0.29073	0.677696	-0.42899

ENSG00000155147	RBM23	RNA bindir	ENSG00000147486	0.380469	0.887361	0.428765
ENSG00000155198	APPL2	adaptor pr	ENSG0000014481648	-0.39735	0.926837	-0.42871
ENSG00000123392	ECPAS	Ecm29 pro	ENSG000001244.0055	-0.2523	0.588508	-0.42871
ENSG0000014735	SEPT2	septin 2	ENSG000001219.5573	0.249775	0.582985	0.428441
ENSG000001140738	TMEM37	transmeml	ENSG0000015.149509	1.011513	2.361069	0.428413
ENSG000001100505658	LOC100505	uncharacte	ENSG0000015.149509	1.011513	2.361069	0.428413
ENSG000001641638	SNHG6	small nucle	ENSG0000018.703486	-0.79358	1.852404	-0.4284
ENSG0000019274	BCL7C	BCL tumor	ENSG0000018.703486	-0.79358	1.852404	-0.4284
ENSG00000154617	INO80	INO80 com	ENSG00000155.75973	-0.36389	0.849484	-0.42836
ENSG0000018878	SQSTM1	sequestosc	ENSG000001179.0123	-0.26336	0.615074	-0.42818
ENSG0000013980	LIG3	DNA ligase	ENSG00000138.2752	-0.421	0.983389	-0.42811
ENSG000001112479	ERI2	ERI1 exorik	ENSG00000110.11946	0.712033	1.663358	0.42807
ENSG0000014242	MFNG	MFNG O-fl	ENSG00000110.11946	0.712033	1.663358	0.42807
ENSG000001119559	SFXN4	sideroflexi	ENSG00000125.18139	0.497353	1.16261	0.42779
ENSG00000154467	ANKIB1	ankyrin re	ENSG00000177.76706	0.319865	0.74775	0.42777
ENSG000001134111	UBE2QL1	ubiquitin c	ENSG00000125.19512	-0.51971	1.215332	-0.42762
ENSG0000015707	PSMD1	proteasom	ENSG000001123.2497	0.2928	0.684726	0.427616
ENSG000001255967	PAN3	poly(A) spe	ENSG00000147.58643	0.387344	0.905921	0.42757
ENSG0000016988	TCTA	T cell leuke	ENSG00000115.74762	-0.60265	1.409948	-0.42743
ENSG0000016668	SP2	Sp2 transcr	ENSG00000115.74762	-0.60265	1.409948	-0.42743
ENSG00000190196	SYS1	SYS1, golgi	ENSG00000124.81546	-0.49762	1.164565	-0.4273
ENSG00000123271	CAMSAP2	calmodulin	ENSG000001129.2336	-0.28049	0.656775	-0.42706
ENSG00000155738	ARFGAP1	ADP ribosy	ENSG00000120.28154	-0.53799	1.260474	-0.42681
ENSG00000164599	GIGYF1	GRB10 inte	ENSG00000144.83911	-0.39885	0.934639	-0.42674
ENSG0000016641	SNTB1	syntrophin	ENSG00000116.79884	0.570352	1.336783	0.42666
ENSG000001374987	NEXN-AS1	NEXN antis	ENSG0000013.654156	-1.21072	2.837972	-0.42661
ENSG000001388939	PCARE	photorece	ENSG0000013.654156	-1.21072	2.837972	-0.42661
ENSG0000014340	MOG	myelin olig	ENSG0000013.654156	-1.21072	2.837972	-0.42661
ENSG000001606553	C8orf49	chromosor	ENSG0000013.654156	-1.21072	2.837972	-0.42661
ENSG0000010240291			ENSG0000013.654156	-1.21072	2.837972	-0.42661
ENSG000001116840	CNTROB	centrobin,	ENSG00000114.99511	0.606553	1.422265	0.426469
ENSG00000157710	KIAA1614	KIAA1614	ENSG00000111.07416	-0.70779	1.660026	-0.42637
ENSG0000019491	PSMF1	proteasom	ENSG00000172.43132	0.330389	0.775399	0.426089
ENSG000001201627	DENND6A	DENN dom	ENSG00000142.61426	-0.40517	0.951037	-0.42603
ENSG00000184614	ZBTB37	zinc finger	ENSG00000170.59869	0.335781	0.788419	0.425892
ENSG0000013693	ITGB5	integrin su	ENSG00000179.60453	-0.32146	0.754801	-0.42589
ENSG0000010257354			ENSG00000111.7057	0.66963	1.57281	0.425754
ENSG00000180306	MED28	mediator c	ENSG00000142.5401	-0.39802	0.934902	-0.42574
ENSG0000013420	IDH3B	isocitrate c	ENSG00000184.83239	0.312966	0.735222	0.425676
ENSG00000179659	DYNC2H1	dynein cyt	ENSG00000129.24254	-0.46128	1.083707	-0.42565
ENSG000001246126	TXLNGY	taxilin gam	ENSG00000140.93974	0.394934	0.928075	0.425541
ENSG000001143187	VTI1A	vesicle trar	ENSG00000131.46739	-0.44818	1.053358	-0.42548
ENSG00000164219	PJA1	praja ring f	ENSG00000115.13465	0.592422	1.392527	0.425429
ENSG000001374900	ZNF568	zinc finger	ENSG00000117.9951	-0.56503	1.328362	-0.42536
ENSG000001642280	ZNF876P	zinc finger	ENSG0000015.272705	0.950573	2.235126	0.425288
ENSG00000154541	DDIT4	DNA dama	ENSG0000015.272705	0.950573	2.235126	0.425288
ENSG0000015091	PC	pyruvate c	ENSG0000015.272705	0.950573	2.235126	0.425288

ENSG00000100111	ENSG00000100111	10011	SRA1	steroid rec	ENSG00000100111	23.6077	0.490032	1.152252	0.425282
ENSG00000105499	ENSG00000105499	10549	PRDX4	peroxiredo	ENSG00000105499	21.92089	0.503816	1.184791	0.425236
ENSG000001123283	ENSG000001123283	123283	TARSL2	threonyl-tf	ENSG000001123283	47.88187	0.378267	0.889611	0.425205
ENSG00000179783	ENSG00000179783	79783	SUGCT	succinyl-Cc	ENSG00000179783	5.311678	0.946453	2.226011	0.425179
ENSG00000185457	ENSG00000185457	85457	CIPC	CLOCK inte	ENSG00000185457	86.31178	-0.31801	0.748204	-0.42504
ENSG00000180207	ENSG00000180207	80207	OPA3	OPA3, oute	ENSG00000180207	58.16309	-0.3653	0.859568	-0.42498
ENSG00000154953	ENSG00000154953	54953	ODR4	odr-4 GPCf	ENSG00000154953	26.99506	-0.47391	1.115219	-0.42495
ENSG00000110335	ENSG00000110335	10335	MRVI1	murine ret	ENSG00000110335	29.26516	-0.46369	1.091221	-0.42493
ENSG00000129916	ENSG00000129916	29916	SNX11	sorting nex	ENSG00000129916	13.36361	0.646291	1.520934	0.424931
ENSG0000011307	ENSG0000011307	1307	COL16A1	collagen ty	ENSG0000011307	15.78659	-0.60506	1.424029	-0.42489
ENSG0000013801	ENSG0000013801	3801	KIFC3	kinesin fan	ENSG0000013801	29.21991	-0.45882	1.079952	-0.42485
ENSG000001113829	ENSG000001113829	113829	SLC35A4	solute carr	ENSG000001113829	46.86661	-0.38184	0.898801	-0.42484
ENSG0000018904	ENSG0000018904	8904	CPNE1	copine 1	ENSG0000018904	22.63587	-0.52591	1.238259	-0.42472
ENSG00000129091	ENSG00000129091	29091	STXBP6	syntaxin bi	ENSG00000129091	39.2303	0.400851	0.943858	0.424695
ENSG000001548645	ENSG000001548645	548645	DNAJC25	DnaJ heat s	ENSG000001548645	11.78365	0.664088	1.563689	0.424693
ENSG00000154020	ENSG00000154020	54020	SLC37A1	solute carr	ENSG00000154020	11.78365	0.664088	1.563689	0.424693
ENSG00000155251	ENSG00000155251	55251	PCMTD2	protein-L-i:	ENSG00000155251	105.4115	-0.29399	0.692399	-0.4246
ENSG00000127034	ENSG00000127034	27034	ACAD8	acyl-CoA d:	ENSG00000127034	32.28189	0.430703	1.014795	0.424423
ENSG0000018439	ENSG0000018439	8439	NSMAF	neutral spf	ENSG0000018439	37.36497	0.41212	0.971244	0.424321
ENSG00000154908	ENSG00000154908	54908	SPDL1	spindle apf	ENSG00000154908	3.676781	-1.22883	2.896156	-0.4243
ENSG0000019409	ENSG0000019409	9409	PEX16	peroxisom:	ENSG0000019409	3.676781	-1.22883	2.896156	-0.4243
ENSG00000110745	ENSG00000110745	10745	PHTF1	putative hc	ENSG00000110745	11.80627	0.654651	1.543112	0.424241
ENSG00000156983	ENSG00000156983	56983	POGLUT1	protein O-ξ	ENSG00000156983	20.25892	-0.53439	1.25982	-0.42418
ENSG0000010239883	ENSG0000010239883	239883			ENSG0000010239883	22.50639	-0.51164	1.206309	-0.42414
ENSG00000123122	ENSG00000123122	23122	CLASP2	cytoplasmic	ENSG00000123122	129.5291	-0.28412	0.669971	-0.42407
ENSG00000110476	ENSG00000110476	10476	ATP5PD	ATP syntha	ENSG00000110476	95.55291	0.298672	0.704383	0.424019
ENSG0000016118	ENSG0000016118	6118	RPA2	replication	ENSG0000016118	23.60143	0.496721	1.171704	0.42393
ENSG000001594839	ENSG000001594839	594839	SNORA33	small nucle	ENSG000001594839	3.693129	-1.21945	2.87718	-0.42384
ENSG0000010255085	ENSG0000010255085	255085			ENSG0000010255085	3.693129	-1.21945	2.87718	-0.42384
ENSG000001401562	ENSG000001401562	401562	LCNL1	lipocalin lik	ENSG000001401562	3.693129	-1.21945	2.87718	-0.42384
ENSG000001100128098	ENSG000001100128098	100128098	ST8SIA6-A5	ST8SIA6 an	ENSG000001100128098	3.693129	-1.21945	2.87718	-0.42384
ENSG00000179788	ENSG00000179788	79788	ZNF665	zinc finger	ENSG00000179788	3.693129	-1.21945	2.87718	-0.42384
ENSG00000179029	ENSG00000179029	79029	SPATA5L1	spermatog	ENSG00000179029	6.875298	0.835926	1.972855	0.423714
ENSG0000013150	ENSG0000013150	3150	HMG1	high mobil	ENSG0000013150	37.50451	0.406061	0.958358	0.423704
ENSG00000111015	ENSG00000111015	11015	KDEL3	KDEL endo	ENSG00000111015	8.516863	0.76091	1.796583	0.423532
ENSG00000184869	ENSG00000184869	84869	CBR4	carbonyl re	ENSG00000184869	47.98871	0.371765	0.878856	0.42301
ENSG00000110953	ENSG00000110953	10953	TOMM34	translocase	ENSG00000110953	11.0905	-0.70445	1.667336	-0.4225
ENSG0000017511	ENSG0000017511	7511	XPNPEP1	X-prolyl an	ENSG0000017511	49.69188	0.370505	0.877104	0.422419
ENSG0000014222	ENSG0000014222	4222	MEOX1	mesenchyr	ENSG0000014222	22.62331	-0.51695	1.224153	-0.42229
ENSG00000129920	ENSG00000129920	29920	PYCR2	pyrroline-5	ENSG00000129920	15.68602	-0.59567	1.4106	-0.42228
ENSG0000018824	ENSG0000018824	8824	CES2	carboxyles	ENSG0000018824	105.8691	-0.30111	0.713086	-0.42227
ENSG000001144363	ENSG000001144363	144363	ETFRF1	electron tr:	ENSG000001144363	26.9914	0.475287	1.12562	0.422245
ENSG0000019530	ENSG0000019530	9530	BAG4	BCL2 assoc	ENSG0000019530	22.48377	-0.50841	1.204107	-0.42223
ENSG00000111244	ENSG00000111244	11244	ZHX1	zinc finger:	ENSG00000111244	65.57342	0.332821	0.788395	0.42215
ENSG00000110969	ENSG00000110969	10969	EBNA1BP2	EBNA1 bin:	ENSG00000110969	22.55164	-0.51793	1.227075	-0.42208
ENSG00000184286	ENSG00000184286	84286	TMEM175	transmembr	ENSG00000184286	8.680861	-0.78529	1.86081	-0.42202
ENSG000001199777	ENSG000001199777	199777	ZNF626	zinc finger	ENSG000001199777	8.680861	-0.78529	1.86081	-0.42202

ENSG0000I	ENSG0000I	54955	C1orf109	chromosom	ENSG0000I	6.20962	-0.91807	2.176762	-0.42176
ENSG0000I	ENSG0000I	728841	NBPF8	NBPF mem	ENSG0000I	6.20962	-0.91807	2.176762	-0.42176
ENSG0000I	ENSG0000I	201973	PRIMPOL	primase an	ENSG0000I	6.20962	-0.91807	2.176762	-0.42176
ENSG0000I	ENSG0000I	9639	ARHGEF10	Rho guanir	ENSG0000I	6.20962	-0.91807	2.176762	-0.42176
ENSG0000I	ENSG0000I	8763	CD164	CD164 mol	ENSG0000I	149.8606	0.27502	0.652074	0.421761
ENSG0000I	ENSG0000I	8662	EIF3B	eukaryotic	ENSG0000I	85.9384	-0.31172	0.739109	-0.42175
ENSG0000I	ENSG0000I	55720	TSR1	TSR1, ribos	ENSG0000I	42.74975	0.385271	0.913627	0.421694
ENSG0000I	ENSG0000I	143684	FAM76B	family with	ENSG0000I	11.7673	0.657346	1.559529	0.421503
ENSG0000I	ENSG0000I	80271	ITPKC	inositol-tri	ENSG0000I	24.70862	-0.48727	1.15702	-0.42114
ENSG0000I	ENSG0000I	3992	FADS1	fatty acid d	ENSG0000I	51.15414	-0.36754	0.872891	-0.42106
ENSG0000I	ENSG0000I	8602	NOP14	NOP14 nuc	ENSG0000I	29.18094	-0.4574	1.08635	-0.42104
ENSG0000I	ENSG0000I	3043	HBB	hemoglobi	ENSG0000I	915.5002	1.293787	3.073371	0.420967
ENSG0000I	ENSG0000I	84916	UTP4	UTP4, sma	ENSG0000I	13.3606	-0.64021	1.521061	-0.4209
ENSG0000I	ENSG0000I	90378	SAMD1	sterile alph	ENSG0000I	13.3606	-0.64021	1.521061	-0.4209
ENSG0000I	ENSG0000I	23468	CBX5	chromobo	ENSG0000I	154.7942	-0.26552	0.630933	-0.42084
ENSG0000I	ENSG0000I	51078	THAP4	THAP dom	ENSG0000I	35.92716	-0.42345	1.006341	-0.42078
ENSG0000I	ENSG0000I	60682	SMAP1	small ArfG,	ENSG0000I	16.84409	0.557845	1.326097	0.420667
ENSG0000I	ENSG0000I	10499	NCOA2	nuclear rec	ENSG0000I	179.2462	-0.26549	0.631348	-0.42051
ENSG0000I	ENSG0000I	2589	GALNT1	polypeptid	ENSG0000I	74.43241	0.31939	0.75966	0.420437
ENSG0000I	ENSG0000I	9730	DCAF1	DDB1 and	ENSG0000I	40.19834	-0.40132	0.954651	-0.42039
ENSG0000I	ENSG0000I	283237	TTC9C	tetratricop	ENSG0000I	8.641888	-0.78138	1.859285	-0.42026
ENSG0000I	ENSG0000I	79877	DCAKD	dephosphc	ENSG0000I	23.70827	0.482558	1.148801	0.420054
ENSG0000I	ENSG0000I	4499	MT1M	metallothi	ENSG0000I	9.063004	-0.87715	2.088395	-0.42001
ENSG0000I	ENSG0000I	5198	PFAS	phosphorik	ENSG0000I	13.38323	-0.64553	1.537124	-0.41996
ENSG0000I	ENSG0000I	55753	OGDHL	oxoglutara	ENSG0000I	6.248593	-0.92345	2.19967	-0.41981
ENSG0000I	ENSG0000I	27238	GPKOW	G-patch do	ENSG0000I	17.9335	-0.55889	1.331768	-0.41966
ENSG0000I	ENSG0000I	79651	RHBDF2	rhomboid	ENSG0000I	15.1183	0.587645	1.400508	0.419594
ENSG0000I	ENSG0000I	6445	SGCG	sarcoglyca	ENSG0000I	82.6792	0.32764	0.781037	0.419493
ENSG0000I	ENSG0000I	3040	HBA2	hemoglobi	ENSG0000I	39.53319	1.056785	2.519784	0.419395
ENSG0000I	ENSG0000I	79612	NAA16	N(alpha)-a	ENSG0000I	17.95612	-0.56288	1.34229	-0.41935
ENSG0000I	ENSG0000I	339231	ARL16	ADP ribosy	ENSG0000I	8.539488	0.746944	1.781223	0.419344
ENSG0000I	ENSG0000I	203447	NRK	Nik related	ENSG0000I	8.539488	0.746944	1.781223	0.419344
ENSG0000I	ENSG0000I	0230896			ENSG0000I	3.793308	1.076995	2.568384	0.419328
ENSG0000I	ENSG0000I	254128	NIFK-AS1	NIFK antise	ENSG0000I	3.793308	1.076995	2.568384	0.419328
ENSG0000I	ENSG0000I	3779	KCNMB1	potassium	ENSG0000I	3.793308	1.076995	2.568384	0.419328
ENSG0000I	ENSG0000I	171391	LOC171391	uncharacte	ENSG0000I	3.793308	1.076995	2.568384	0.419328
ENSG0000I	ENSG0000I	147007	TMEM199	transmeml	ENSG0000I	3.793308	1.076995	2.568384	0.419328
ENSG0000I	ENSG0000I	00274712			ENSG0000I	3.793308	1.076995	2.568384	0.419328
ENSG0000I	ENSG0000I	79839	CCDC102B	coiled-coil	ENSG0000I	3.793308	1.076995	2.568384	0.419328
ENSG0000I	ENSG0000I	105416157	NKILA	NF-kappaB	ENSG0000I	3.793308	1.076995	2.568384	0.419328
ENSG0000I	ENSG0000I	55862	ECHDC1	ethylmalor	ENSG0000I	30.6177	0.434196	1.035666	0.419243
ENSG0000I	ENSG0000I	10970	CKAP4	cytoskelet	ENSG0000I	62.09294	0.33877	0.808112	0.419212
ENSG0000I	ENSG0000I	51428	DDX41	DEAD-box	ENSG0000I	15.64705	-0.59333	1.415437	-0.41919
ENSG0000I	ENSG0000I	81609	SNX27	sorting nex	ENSG0000I	90.32402	0.302488	0.721961	0.41898
ENSG0000I	ENSG0000I	23130	ATG2A	autophagy	ENSG0000I	22.44479	-0.50667	1.209374	-0.41895
ENSG0000I	ENSG0000I	00274317			ENSG0000I	22.44479	-0.50667	1.209374	-0.41895
ENSG0000I	ENSG0000I	7043	TGFB3	transformi	ENSG0000I	38.35315	-0.42355	1.011479	-0.41874

ENSG0000I	ENSG0000I	7106	TSPAN4	tetraspanin	ENSG0000I	13.33798	-0.63476	1.516941	-0.41845
ENSG0000I	ENSG0000I	23608	MKRN1	makorin rib	ENSG0000I	100.8472	0.296009	0.708241	0.41795
ENSG0000I	ENSG0000I	23234	DNAJC9	DnaJ heat s	ENSG0000I	5.334303	0.921558	2.205972	0.417756
ENSG0000I	ENSG0000I	84520	GON7	GON7, KEC	ENSG0000I	5.334303	0.921558	2.205972	0.417756
ENSG0000I	ENSG0000I	22882	ZHX2	zinc finger	ENSG0000I	81.44345	-0.31183	0.746485	-0.41773
ENSG0000I	ENSG0000I	79953	SYNDIG1	synapse di	ENSG0000I	13.37695	-0.63747	1.526204	-0.41768
ENSG0000I	ENSG0000I	55501	CHST12	carbohydr	ENSG0000I	17.91087	-0.55481	1.328874	-0.41751
ENSG0000I	ENSG0000I	10908	PNPLA6	patatin like	ENSG0000I	17.91087	-0.55481	1.328874	-0.41751
ENSG0000I	ENSG0000I	23196	FAM120A	family with	ENSG0000I	202.3874	0.24699	0.591611	0.417488
ENSG0000I	ENSG0000I	5781	PTPN11	protein tyr	ENSG0000I	286.2473	-0.24005	0.575073	-0.41742
ENSG0000I	ENSG00000231811				ENSG0000I	25.29569	-0.52649	1.261846	-0.41724
ENSG0000I	ENSG0000I	5605	MAP2K2	mitogen-act	ENSG0000I	42.85032	0.381021	0.913383	0.417153
ENSG0000I	ENSG0000I	83858	ATAD3B	ATPase fan	ENSG0000I	10.98993	-0.69149	1.658448	-0.41695
ENSG0000I	ENSG0000I	57579	FAM135A	family with	ENSG0000I	31.33791	-0.4377	1.049842	-0.41692
ENSG0000I	ENSG0000I	79086	SMIM7	small integ	ENSG0000I	15.62443	-0.58866	1.412031	-0.41689
ENSG0000I	ENSG0000I	2006	ELN	elastin	ENSG0000I	27.27415	-0.48877	1.172511	-0.41686
ENSG0000I	ENSG0000I	7378	UPP1	uridine ph	ENSG0000I	13.53206	0.609243	1.461558	0.416845
ENSG0000I	ENSG0000I	9276	COPB2	coatomer p	ENSG0000I	113.8055	-0.28321	0.679707	-0.41666
ENSG0000I	ENSG0000I	11171	STRAP	serine/thre	ENSG0000I	92.00456	0.303754	0.729191	0.416563
ENSG0000I	ENSG0000I	8726	EED	embryonic	ENSG0000I	11.86787	0.642562	1.542613	0.416541
ENSG0000I	ENSG0000I	10038	PARP2	poly(ADP-r	ENSG0000I	11.86787	0.642562	1.542613	0.416541
ENSG0000I	ENSG0000I	90649	ZNF486	zinc finger	ENSG0000I	11.8289	0.645204	1.549019	0.416524
ENSG0000I	ENSG0000I	55108	BSDC1	BSD domai	ENSG0000I	81.61085	0.307293	0.737844	0.416475
ENSG0000I	ENSG0000I	23189	KANK1	KN motif a	ENSG0000I	319.9746	-0.24589	0.590561	-0.41637
ENSG0000I	ENSG0000I	55754	TMEM30A	transmembr	ENSG0000I	137.4429	-0.26983	0.648263	-0.41623
ENSG0000I	ENSG0000I	5894	RAF1	Raf-1 prot	ENSG0000I	208.1539	-0.24624	0.591953	-0.41598
ENSG0000I	ENSG0000I	65083	NOL6	nucleolar p	ENSG0000I	37.92824	-0.40476	0.973091	-0.41595
ENSG0000I	ENSG0000I	24138	IFIT5	interferon	ENSG0000I	32.40509	0.42223	1.015207	0.415905
ENSG0000I	ENSG00000189212				ENSG0000I	31.29894	-0.43638	1.04965	-0.41574
ENSG0000I	ENSG0000I	59343	SENP2	SUMO spec	ENSG0000I	44.52484	-0.38391	0.92348	-0.41573
ENSG0000I	ENSG0000I	284391	ZNF844	zinc finger	ENSG0000I	42.69822	0.392443	0.944434	0.415532
ENSG0000I	ENSG00000274265				ENSG0000I	3.631531	-1.19187	2.868349	-0.41553
ENSG0000I	ENSG0000I	79846	CFAP69	cilia and fl	ENSG0000I	3.631531	-1.19187	2.868349	-0.41553
ENSG0000I	ENSG0000I	203245	NAIF1	nuclear ap	ENSG0000I	3.631531	-1.19187	2.868349	-0.41553
ENSG0000I	ENSG0000I	405	ARNT	aryl hydro	ENSG0000I	90.3592	0.299371	0.720756	0.415357
ENSG0000I	ENSG0000I	283130	SLC25A45	solute carr	ENSG0000I	8.619263	-0.773	1.861354	-0.41529
ENSG0000I	ENSG0000I	8324	FZD7	frizzled cl	ENSG0000I	27.21255	-0.48454	1.166982	-0.41521
ENSG0000I	ENSG0000I	79658	ARHGAP1C	Rho GTPas	ENSG0000I	103.0345	-0.2906	0.699941	-0.41518
ENSG0000I	ENSG0000I	152404	IGSF11	immunogl	ENSG0000I	3.770683	1.114651	2.684753	0.415178
ENSG0000I	ENSG0000I	57732	ZFYVE28	zinc finger	ENSG0000I	3.770683	1.114651	2.684753	0.415178
ENSG0000I	ENSG00000198416				ENSG0000I	3.770683	1.114651	2.684753	0.415178
ENSG0000I	ENSG0000I	6253	RTN2	reticulon 2	ENSG0000I	3.770683	1.114651	2.684753	0.415178
ENSG0000I	ENSG0000I	4643	MYO1E	myosin IE	ENSG0000I	33.59167	-0.43213	1.041633	-0.41485
ENSG0000I	ENSG0000I	22834	ZNF652	zinc finger	ENSG0000I	76.34926	0.311784	0.751805	0.414714
ENSG0000I	ENSG0000I	54681	P4HTM	prolyl 4-hy	ENSG0000I	18.63148	0.525971	1.268288	0.414709
ENSG0000I	ENSG0000I	81554	RCC1L	RCC1 like	ENSG0000I	62.48332	-0.35427	0.854337	-0.41467
ENSG0000I	ENSG0000I	7385	UQCRC2	ubiquinol- α	ENSG0000I	449.2322	0.23448	0.565503	0.414641

ENSG0000I	ENSG0000I	8801	SUCLG2	succinate-(	ENSG0000I	95.73143	0.295424	0.712566	0.414592
ENSG0000I	ENSG0000I	10910	SUGT1	SGT1 homoc	ENSG0000I	126.555	-0.27334	0.659957	-0.41418
ENSG0000I	ENSG0000I	64282	TENT4B	terminal ni	ENSG0000I	18.59251	0.527915	1.275016	0.414046
ENSG0000I	ENSG0000I	55173	MRPS10	mitochond	ENSG0000I	44.66033	0.372296	0.89968	0.413809
ENSG0000I	ENSG0000I	79746	ECHDC3	enoyl-CoA	ENSG0000I	40.49377	-0.41106	0.993506	-0.41375
ENSG0000I	ENSG0000I	10404	CPQ	carboxypep	ENSG0000I	42.91192	0.377843	0.913822	0.413476
ENSG0000I	ENSG000000272054				ENSG0000I	3.592558	-1.18321	2.862461	-0.41336
ENSG0000I	ENSG0000I	79867	TCTN2	tectonic fa	ENSG0000I	3.592558	-1.18321	2.862461	-0.41336
ENSG0000I	ENSG0000I	91133	L3MBTL4	L3MBTL4, l	ENSG0000I	3.592558	-1.18321	2.862461	-0.41336
ENSG0000I	ENSG0000I	90576	ZNF799	zinc finger	ENSG0000I	3.592558	-1.18321	2.862461	-0.41336
ENSG0000I	ENSG0000I	81031	SLC2A10	solute carr	ENSG0000I	3.592558	-1.18321	2.862461	-0.41336
ENSG0000I	ENSG0000I	10050729C	ZNF865	zinc finger	ENSG0000I	6.186995	-0.90662	2.195494	-0.41294
ENSG0000I	ENSG0000I	8570	KHSRP	KH-type sp	ENSG0000I	51.07619	-0.36567	0.885772	-0.41282
ENSG0000I	ENSG0000I	3267	AGFG1	ArfGAP wit	ENSG0000I	105.2392	-0.29195	0.707485	-0.41267
ENSG0000I	ENSG0000I	54904	NSD3	nuclear rec	ENSG0000I	89.92801	-0.29932	0.725667	-0.41247
ENSG0000I	ENSG0000I	101735302	STAG3L5P	stromal an	ENSG0000I	6.148022	-0.90129	2.186543	-0.4122
ENSG0000I	ENSG000000228065				ENSG0000I	6.148022	-0.90129	2.186543	-0.4122
ENSG0000I	ENSG0000I	521	ATP5ME	ATP syntha	ENSG0000I	20.27932	0.509951	1.237516	0.412076
ENSG0000I	ENSG0000I	30836	DNTTIP2	deoxynucle	ENSG0000I	58.74821	0.336765	0.817366	0.412012
ENSG0000I	ENSG0000I	3658	IREB2	iron respor	ENSG0000I	74.81415	-0.31645	0.768076	-0.412
ENSG0000I	ENSG0000I	6489	ST8SIA1	ST8 alpha-I	ENSG0000I	6.170647	-0.9126	2.21547	-0.41192
ENSG0000I	ENSG0000I	7122	CLDN5	claudin 5	ENSG0000I	6.170647	-0.9126	2.21547	-0.41192
ENSG0000I	ENSG0000I	8242	KDM5C	lysine dem	ENSG0000I	74.83678	-0.31735	0.770451	-0.4119
ENSG0000I	ENSG0000I	617	BCS1L	BCS1 homoc	ENSG0000I	15.6018	-0.58398	1.417945	-0.41185
ENSG0000I	ENSG0000I	10714	POLD3	DNA polyn	ENSG0000I	15.6018	-0.58398	1.417945	-0.41185
ENSG0000I	ENSG0000I	29767	TMOD2	tropomodul	ENSG0000I	48.17978	0.360581	0.875623	0.411799
ENSG0000I	ENSG0000I	54977	SLC25A38	solute carr	ENSG0000I	20.33464	0.511144	1.241373	0.411757
ENSG0000I	ENSG0000I	139231	FAM199X	family with	ENSG0000I	44.43434	-0.37757	0.917082	-0.41171
ENSG0000I	ENSG0000I	84455	EFCAB7	EF-hand ca	ENSG0000I	10.96731	-0.68485	1.664231	-0.41151
ENSG0000I	ENSG0000I	90203	SNX21	sorting nex	ENSG0000I	10.96731	-0.68485	1.664231	-0.41151
ENSG0000I	ENSG0000I	975	CD81	CD81 mole	ENSG0000I	175.7466	-0.25174	0.612102	-0.41127
ENSG0000I	ENSG0000I	6419	SETMAR	SET domain	ENSG0000I	15.56283	-0.58162	1.414259	-0.41126
ENSG0000I	ENSG0000I	55909	BIN3	bridging in	ENSG0000I	8.601086	0.729929	1.774995	0.411229
ENSG0000I	ENSG0000I	26520	TIMM9	translocase	ENSG0000I	8.601086	0.729929	1.774995	0.411229
ENSG0000I	ENSG0000I	258010	SVIP	small VCP i	ENSG0000I	27.22773	0.447438	1.088135	0.411197
ENSG0000I	ENSG0000I	373156	GSTK1	glutathion	ENSG0000I	151.041	0.258288	0.62818	0.411169
ENSG0000I	ENSG0000I	51335	NGRN	neugrin, ne	ENSG0000I	20.1131	-0.51974	1.264525	-0.41102
ENSG0000I	ENSG0000I	55139	ANKZF1	ankyrin re	ENSG0000I	35.75492	-0.41927	1.021376	-0.4105
ENSG0000I	ENSG0000I	9915	ARNT2	aryl hydro	ENSG0000I	8.658236	-0.77718	1.893278	-0.41049
ENSG0000I	ENSG0000I	9020	MAP3K14	mitogen-act	ENSG0000I	20.37989	0.501253	1.221125	0.410484
ENSG0000I	ENSG0000I	9406	ZRANB2	zinc finger	ENSG0000I	51.73193	0.352012	0.857779	0.410377
ENSG0000I	ENSG0000I	101929147	WARS2-AS	WARS2 ant	ENSG0000I	10.95096	-0.68823	1.678111	-0.41012
ENSG0000I	ENSG0000I	84168	ANTXR1	ANTXR cell	ENSG0000I	94.54367	-0.29978	0.731578	-0.40977
ENSG0000I	ENSG0000I	6629	SNRPB2	small nucle	ENSG0000I	18.6541	0.520444	1.270369	0.40968
ENSG0000I	ENSG0000I	79709	COLGALT1	collagen be	ENSG0000I	42.95717	0.373645	0.912447	0.409498
ENSG0000I	ENSG0000I	5236	PGM1	phosphogl	ENSG0000I	208.1707	0.240867	0.588558	0.40925
ENSG0000I	ENSG0000I	8395	PIP5K1B	phosphatic	ENSG0000I	55.34489	-0.34879	0.85239	-0.40919

ENSG0000015256	PHKA2	phosphory	ENSG00000148.87776	-0.36678	0.896493	-0.40912
ENSG0000015051	PAFAH2	platelet act	ENSG00000120.15207	-0.52169	1.275201	-0.40911
ENSG0000017328	UBE2H	ubiquitin c	ENSG000001182.9801	0.250503	0.612451	0.409017
ENSG00000192597	MOB1B	MOB kinas	ENSG00000176.80543	0.353596	0.864524	0.409006
ENSG00000128962	OSTM1	osteoclast	ENSG00000140.04624	-0.39136	0.956963	-0.40896
ENSG000001122060	SLAIN1	SLAIN moti	ENSG00000110.26528	0.672371	1.644136	0.408951
ENSG0000012664	GDI1	GDP dissoc	ENSG00000181.50021	0.308085	0.753401	0.408925
ENSG00000155013	MCUB	mitochond	ENSG0000016.975868	0.810502	1.983714	0.408578
ENSG000001122509	IFI27L1	interferon	ENSG0000016.975868	0.810502	1.983714	0.408578
ENSG00000151585	PCF11	PCF11, clea	ENSG00000181.66238	0.304033	0.744161	0.408558
ENSG0000019577	BABAM2	BRISC and	ENSG00000132.42144	0.423668	1.03745	0.408374
ENSG0000011121	CHM	CHM, Rab	ENSG00000135.89564	0.407917	0.999063	0.408299
ENSG00000179669	C3orf52	chromosor	ENSG0000015.395901	0.893184	2.188263	0.40817
ENSG0000010249850			ENSG0000015.395901	0.893184	2.188263	0.40817
ENSG0000012649	NR6A1	nuclear rec	ENSG0000015.395901	0.893184	2.188263	0.40817
ENSG000001348180	CTU2	cytosolic tr	ENSG0000015.395901	0.893184	2.188263	0.40817
ENSG000001100505812	CARD8-AS1	CARD8 ant	ENSG0000015.395901	0.893184	2.188263	0.40817
ENSG00000111116	FGFR1OP	FGFR1 onc	ENSG0000018.557665	-0.76062	1.863776	-0.40811
ENSG00000185444	LRRCC1	leucine ric	ENSG0000018.557665	-0.76062	1.863776	-0.40811
ENSG00000123373	CRTC1	CREB regul	ENSG0000018.557665	-0.76062	1.863776	-0.40811
ENSG0000019352	TXNL1	thioredoxin	ENSG00000169.26511	0.324055	0.794284	0.407983
ENSG0000012063	NR2F6	nuclear rec	ENSG00000113.35433	-0.63219	1.549956	-0.40787
ENSG00000180381	CD276	CD276 mol	ENSG00000123.80884	0.474983	1.165083	0.407682
ENSG00000155658	RNF126	ring finger	ENSG0000016.998493	0.793062	1.946558	0.407418
ENSG00000157333	RCN3	reticulocal	ENSG0000016.998493	0.793062	1.946558	0.407418
ENSG0000019717	SEC14L5	SEC14 like	ENSG00000126.03487	-0.58173	1.428394	-0.40727
ENSG00000111156	PTP4A3	protein tyr	ENSG000001154.2398	-0.25845	0.634718	-0.40719
ENSG000001123355	LRRC28	leucine ric	ENSG00000118.55353	0.53011	1.302026	0.407143
ENSG0000016622	SNCA	synuclein a	ENSG00000110.24265	0.683257	1.67824	0.407127
ENSG00000122901	ARSG	arylsulfata	ENSG00000110.24265	0.683257	1.67824	0.407127
ENSG00000155471	NDUFAF7	NADH:ubic	ENSG00000124.64074	-0.47849	1.175547	-0.40704
ENSG000001585	BBS4	Bardet-Bie	ENSG00000115.5402	-0.5769	1.417468	-0.40699
ENSG0000011738	DLD	dihydrolip	ENSG000001236.4406	0.256624	0.630551	0.406983
ENSG00000179586	CHPF	chondroitin	ENSG00000136.02511	0.396543	0.974421	0.406953
ENSG00000129058	TMEM230	transmembr	ENSG00000157.10037	0.33659	0.82745	0.406779
ENSG00000151377	UCHL5	ubiquitin C	ENSG00000144.45069	-0.37703	0.926964	-0.40674
ENSG0000019146	HGS	hepatocyte	ENSG00000131.19209	-0.4281	1.052855	-0.40661
ENSG0000015977	DPF2	double PHI	ENSG00000148.71559	-0.36103	0.888475	-0.40635
ENSG000001757	TMEM50B	transmembr	ENSG00000141.23138	0.37727	0.928599	0.406279
ENSG0000012314	FLII	FLII, actin r	ENSG000001173.4702	-0.25033	0.616246	-0.40622
ENSG00000110076	PTPRU	protein tyr	ENSG00000135.82031	-0.41641	1.025406	-0.4061
ENSG00000156888	KCMF1	potassium	ENSG00000165.79091	0.327491	0.806493	0.406068
ENSG00000179172	CENPO	centromer	ENSG0000013.854906	1.03548	2.550183	0.406041
ENSG0000012859	GPR35	G protein-c	ENSG0000013.854906	1.03548	2.550183	0.406041
ENSG00000181789	TIGD6	tigger tran	ENSG0000013.854906	1.03548	2.550183	0.406041
ENSG0000010253854			ENSG0000013.854906	1.03548	2.550183	0.406041
ENSG000001388011	LINC01550	long interg	ENSG0000013.854906	1.03548	2.550183	0.406041

ENSG0000018573	CASK	calcium/cal	ENSG0000012672605	-0.4544	1.119254	-0.40599
ENSG000001414	ARSD	arylsulfatase	ENSG0000011097359	-0.69448	1.710609	-0.40598
ENSG00000184337	ELOF1	elongation factor	ENSG0000011321478	-0.61836	1.523524	-0.40587
ENSG0000016595	SMARCA2	SWI/SNF related	ENSG0000012359469	-0.23962	0.590537	-0.40577
ENSG00000244480			ENSG0000013569933	-1.16391	2.869156	-0.40566
ENSG000001135932	TMEM139	transmembrane	ENSG0000013569933	-1.16391	2.869156	-0.40566
ENSG000001729732	LOC729732	uncharacterized	ENSG0000013569933	-1.16391	2.869156	-0.40566
ENSG000001101927472	LOC101927	uncharacterized	ENSG0000013569933	-1.16391	2.869156	-0.40566
ENSG00000126260	FBXO25	F-box protein	ENSG0000013554122	-0.40499	0.998532	-0.40559
ENSG000001388558	ZNF808	zinc finger	ENSG0000013554122	-0.40499	0.998532	-0.40559
ENSG00000110897	YIF1A	Yip1 interacting	ENSG000001153031	0.559902	1.380474	0.405587
ENSG000001440193	CCDC88C	coiled-coil	ENSG000001153031	0.559902	1.380474	0.405587
ENSG0000018897	MTMR3	myotubularin	ENSG000001153031	0.559902	1.380474	0.405587
ENSG00000179654	HECTD3	HECT domain	ENSG0000012231532	-0.4919	1.21299	-0.40552
ENSG0000019880	ZBTB39	zinc finger	ENSG0000011090571	-0.67497	1.66466	-0.40547
ENSG00000125777	SUN2	Sad1 and L	ENSG0000017064602	-0.32864	0.810516	-0.40547
ENSG00000151375	SNX7	sorting nexin	ENSG0000011550123	-0.57455	1.417304	-0.40538
ENSG000001121441	NEDD1	neural precursor	ENSG0000012371455	0.476031	1.174297	0.405375
ENSG00000111178	LZTS1	leucine zipper	ENSG0000016125397	-0.88964	2.195142	-0.40528
ENSG000001171425	CLYBL	citrate lyase	ENSG0000016125397	-0.88964	2.195142	-0.40528
ENSG000001148137	PROSER3	proline amin	ENSG0000016125397	-0.88964	2.195142	-0.40528
ENSG00000110044	SH2D3C	SH2 domain	ENSG0000012039624	0.504245	1.245989	0.404695
ENSG00000179954	NOL10	nucleolar protein	ENSG0000013075725	0.426873	1.054999	0.404619
ENSG000001153830	RNF145	ring finger	ENSG0000016568655	0.326544	0.807456	0.404411
ENSG00000151710	ZNF44	zinc finger	ENSG0000013555757	-0.40417	0.999408	-0.40441
ENSG00000184271	POLDIP3	DNA polymerase	ENSG0000015081724	-0.35292	0.872819	-0.40434
ENSG00000123558	WBP2	WW domain	ENSG0000019060938	0.295787	0.731686	0.404254
ENSG000001255877	BCL6B	B cell CLL/ly	ENSG0000012001253	-0.51229	1.267323	-0.40423
ENSG00000149861	CLDN20	claudin 20	ENSG0000013615184	-1.20101	2.975748	-0.4036
ENSG00000125816	TNFAIP8	TNF alpha induc	ENSG0000011534207	0.55768	1.382965	0.403249
ENSG00000151642	MRPL48	mitochondrial	ENSG0000011520253	0.571612	1.417796	0.403169
ENSG0000017266	DNAJC7	DnaJ heat shock	ENSG0000015512112	-0.34157	0.847747	-0.40292
ENSG0000016734	SRPRA	SRP receptor	ENSG0000011090642	-0.27775	0.689658	-0.40273
ENSG0000012592	GALT	galactose-4-epi	ENSG0000018518692	-0.75663	1.879367	-0.4026
ENSG0000017376	NR1H2	nuclear receptor	ENSG000001288893	-0.43683	1.08549	-0.40243
ENSG00000260912			ENSG0000011086674	-0.67178	1.669813	-0.40231
ENSG00000263142			ENSG0000011086674	-0.67178	1.669813	-0.40231
ENSG000001285367	RPUSD3	RNA pseudourid	ENSG0000011780402	-0.54043	1.343578	-0.40223
ENSG0000015990	RFX2	regulatory factor	ENSG0000011348681	0.624229	1.551965	0.402219
ENSG0000015893	RAD52	RAD52 homolog	ENSG0000011319216	-0.61279	1.524295	-0.40202
ENSG000001200030	NBPF11	NBPF mem	ENSG0000016086424	-0.88429	2.199729	-0.402
ENSG00000248124			ENSG0000016086424	-0.88429	2.199729	-0.402
ENSG00000259623			ENSG0000016086424	-0.88429	2.199729	-0.402
ENSG000001163255	ZNF540	zinc finger	ENSG0000016086424	-0.88429	2.199729	-0.402
ENSG00000123047	PDS5B	PDS5 cohesin	ENSG0000017027395	-0.31487	0.783294	-0.40198
ENSG0000011836	SLC26A2	solute carrier	ENSG0000012738989	0.435927	1.084765	0.401863
ENSG0000011495	CTNNA1	catenin alpha	ENSG0000015151897	-0.21243	0.528705	-0.40179

ENSG00000179876	UBA5	ubiquitin li	ENSG0000013547962	-0.40177	0.999992	-0.40177
ENSG0000013421	IDH3G	isocitrate c	ENSG0000013261251	0.406724	1.012407	0.401739
ENSG00000110314	LANCL1	LanC like 1	ENSG0000017094565	0.325163	0.809819	0.401526
ENSG0000019885	OSBPL2	oxysterol b	ENSG0000016376785	-0.32431	0.807825	-0.40146
ENSG0000011070	CETN3	centrin 3	ENSG0000011531945	0.564422	1.406111	0.401407
ENSG00000157510	XPO5	exportin 5	ENSG0000012890565	-0.43573	1.08596	-0.40124
ENSG00000110730	YME1L1	YME1 like	ENSG00000112825	0.262962	0.655376	0.401238
ENSG0000011286	COL4A4	collagen ty	ENSG0000015367142	0.338309	0.843198	0.401222
ENSG0000019101	USP8	ubiquitin s	ENSG0000017255661	-0.31795	0.792709	-0.4011
ENSG000001347734	SLC35B2	solute carr	ENSG0000011867673	0.515055	1.284193	0.401073
ENSG0000014738	NEDD8	neural pre	ENSG0000012562513	0.447289	1.115922	0.400824
ENSG00000110884	MRPS30	mitochond	ENSG0000017481794	-0.31404	0.783492	-0.40082
ENSG00000111319	ECD	ecdysonele	ENSG0000012451754	-0.46927	1.170876	-0.40078
ENSG0000018428	STK24	serine/thre	ENSG0000015712927	0.332979	0.831416	0.400496
ENSG000001285349	ZNF660	zinc finger	ENSG0000018496067	-0.74815	1.868114	-0.40048
ENSG000001114880	OSBPL6	oxysterol b	ENSG0000011365526	0.588281	1.470091	0.400166
ENSG000001117246	FTSJ3	FtsJ RNA m	ENSG0000014418795	-0.36713	0.917504	-0.40014
ENSG000001120526	DNAJC24	DnaJ heat	ENSG000001153647	0.55079	1.376805	0.400049
ENSG00000179858	NEK11	NIMA relat	ENSG0000018640059	0.726318	1.815776	0.400004
ENSG000001388567	ZNF749	zinc finger	ENSG0000018640059	0.726318	1.815776	0.400004
ENSG0000011036	CDO1	cysteine di	ENSG0000018623711	0.716411	1.792322	0.399711
ENSG00000100279453			ENSG000001853504	-0.75218	1.882348	-0.3996
ENSG0000014175	MCM6	minichrom	ENSG0000011682775	0.554475	1.388232	0.399411
ENSG00000157602	USP36	ubiquitin s	ENSG0000013991297	-0.38866	0.973378	-0.39929
ENSG0000011460	CSNK2B	casein kina	ENSG000001610905	-0.89555	2.243632	-0.39915
ENSG0000017775	ZNF232	zinc finger	ENSG000001610905	-0.89555	2.243632	-0.39915
ENSG00000110990	LILRB5	leukocyte i	ENSG0000012460059	0.540722	1.354716	0.39914
ENSG000001157922	CAMSAP1	calmodulin	ENSG0000015992785	-0.34608	0.867168	-0.39909
ENSG0000019904	RBM19	RNA bindir	ENSG0000013762025	-0.38956	0.976137	-0.39908
ENSG0000015423	POLB	DNA polyn	ENSG0000011706786	0.530977	1.331247	0.398857
ENSG00000100259943			ENSG000001353096	-1.15511	2.896383	-0.39881
ENSG00000154964	C1orf56	chromosor	ENSG000001353096	-1.15511	2.896383	-0.39881
ENSG0000014636	MYL5	myosin lig	ENSG000001353096	-1.15511	2.896383	-0.39881
ENSG000001223117	SEMA3D	semaphori	ENSG000001353096	-1.15511	2.896383	-0.39881
ENSG00000193100	NAPRT	nicotinate	ENSG000001353096	-1.15511	2.896383	-0.39881
ENSG00000100223984			ENSG000001353096	-1.15511	2.896383	-0.39881
ENSG000001114990	VASN	vasorin	ENSG000001353096	-1.15511	2.896383	-0.39881
ENSG00000180152	CENPT	centromer	ENSG0000011317581	-0.61554	1.54345	-0.39881
ENSG00000110664	CTCF	CCCTC-bin	ENSG000001485308	-0.35385	0.887351	-0.39877
ENSG00000123414	ZFPM2	zinc finger	ENSG0000015723912	-0.33473	0.839454	-0.39874
ENSG00000157658	CALCOCO1	calcium bir	ENSG0000011922456	-0.24066	0.604029	-0.39843
ENSG00000123077	MYCBP2	MYC bindir	ENSG0000012353811	-0.23613	0.59267	-0.39842
ENSG0000014298	MLLT1	MLLT1, su	ENSG0000014414897	-0.36612	0.919578	-0.39814
ENSG00000160496	AASDHPPT	aminoadip	ENSG0000012559623	0.456881	1.147829	0.39804
ENSG0000018879	SGPL1	sphingosin	ENSG0000012885032	-0.43538	1.094403	-0.39782
ENSG00000192521	SPECC1	sperm anti	ENSG0000014446703	-0.37661	0.94681	-0.39777
ENSG0000011459	CSNK2A2	casein kina	ENSG0000015065508	-0.34742	0.873434	-0.39776

ENSG000002039	DMTN	dematin ac	ENSG0000072.70282	0.317037	0.797294	0.397641
ENSG00000258634			ENSG000007.060091	0.772077	1.94209	0.397549
ENSG00000112611	RWDD2A	RWD domæ	ENSG000007.060091	0.772077	1.94209	0.397549
ENSG0000055119	PRPF38B	pre-mRNA	ENSG0000039.66776	0.373195	0.938813	0.397518
ENSG0000026073	POLDIP2	DNA polyn	ENSG00000117.8668	-0.27524	0.692513	-0.39745
ENSG0000010201	NME6	NME/NM2	ENSG0000010.88309	-0.66833	1.682244	-0.39728
ENSG0000079752	ZFAND1	zinc finger	ENSG0000019.9283	-0.50303	1.266797	-0.39709
ENSG0000080232	WDR26	WD repeat	ENSG00000170.9927	-0.24674	0.621393	-0.39708
ENSG0000010208	USPL1	ubiquitin s	ENSG0000025.68673	0.44195	1.113052	0.397061
ENSG0000010903	MTMR11	myotubula	ENSG000006.063799	-0.87249	2.197567	-0.39703
ENSG00000222696	ZSCAN23	zinc finger	ENSG000006.063799	-0.87249	2.197567	-0.39703
ENSG000002762	GMDS	GDP-mann	ENSG000005.457499	0.865324	2.179803	0.396973
ENSG0000010077	TSPAN32	tetraspanin	ENSG000005.457499	0.865324	2.179803	0.396973
ENSG000005971	RELB	RELB proto	ENSG000005.457499	0.865324	2.179803	0.396973
ENSG0000025782	RAB3GAP2	RAB3 GTPa	ENSG0000083.82942	0.293765	0.740149	0.3969
ENSG000006187	RPS2	ribosomal	ENSG00000194.7928	0.252686	0.636687	0.396876
ENSG0000079101	TAF1D	TATA-box k	ENSG0000030.90935	0.410266	1.033935	0.3968
ENSG00000261729	STEAP2	STEAP2 me	ENSG0000028.80507	-0.43038	1.08466	-0.39678
ENSG0000055731	FAM222B	family with	ENSG0000029.19991	0.419265	1.057279	0.396551
ENSG0000064434	NOM1	nucleolar p	ENSG0000024.378	-0.46138	1.16349	-0.39655
ENSG00000738	VPS51	VPS51, GAI	ENSG0000024.378	-0.46138	1.16349	-0.39655
ENSG0000010021	HCN4	hyperpolar	ENSG0000018.81627	0.503687	1.270582	0.396422
ENSG0000079894	ZNF672	zinc finger	ENSG0000025.7257	0.440412	1.11102	0.396403
ENSG00000161742	SPRED1	sprouty rel	ENSG0000057.14483	-0.33344	0.841224	-0.39638
ENSG0000060491	NIF3L1	NGG1 inte	ENSG0000015.32572	0.553112	1.395428	0.396374
ENSG00000158234	TRMT10B	tRNA meth	ENSG0000015.32572	0.553112	1.395428	0.396374
ENSG0000051503	CWC15	CWC15 spl	ENSG0000041.4099	0.370635	0.935067	0.396373
ENSG0000084629	TNRC18	trinucleot	ENSG0000037.67557	-0.38997	0.983945	-0.39633
ENSG00000815	CAMK2A	calcium/ca	ENSG0000018.6252	0.534128	1.348109	0.396205
ENSG00000253827	MSRB3	methionin	ENSG00000148.0533	0.251456	0.634903	0.396054
ENSG000005529	PPP2R5E	protein ph	ENSG0000055.50405	0.331117	0.836045	0.396052
ENSG0000055109	AGGF1	angiogenic	ENSG0000046.73936	0.350697	0.88557	0.396013
ENSG0000023200	ATP11B	ATPase ph	ENSG00000104.9688	0.277319	0.7008	0.395718
ENSG000006502	SKP2	S-phase kir	ENSG0000010.3495	0.647476	1.636673	0.395605
ENSG000006655	SOS2	SOS Ras/R	ENSG0000099.91211	0.277385	0.701418	0.395463
ENSG000009823	ARMCX2	armadillo r	ENSG0000028.98359	-0.43873	1.109492	-0.39544
ENSG000008647	ABCB11	ATP bindin	ENSG000006.484915	-1.00597	2.546564	-0.39503
ENSG0000051021	MRPS16	mitochond	ENSG0000060.88884	0.319095	0.807836	0.395
ENSG00000400916	CHCHD10	coiled-coil-	ENSG00000122.0864	-0.27144	0.687285	-0.39494
ENSG000001488	CTBP2	C-terminal	ENSG0000036.19356	0.383895	0.972125	0.394903
ENSG00000114327	EFHC1	EF-hand dc	ENSG0000013.19843	-0.62076	1.571933	-0.3949
ENSG0000054888	NSUN2	NOP2/Sun	ENSG0000048.5104	0.344748	0.87306	0.394873
ENSG00000141	ADPRH	ADP-ribosy	ENSG0000018.8389	0.498281	1.26261	0.394644
ENSG0000054935	DUSP23	dual specif	ENSG000003.508335	-1.13549	2.877739	-0.39458
ENSG00000353497	POLN	DNA polyn	ENSG000003.508335	-1.13549	2.877739	-0.39458
ENSG00000389813	AJM1	apical junc	ENSG000003.508335	-1.13549	2.877739	-0.39458
ENSG0000025906	ANAPC15	anaphase p	ENSG000003.508335	-1.13549	2.877739	-0.39458

ENSG0000I	ENSG00000274561			ENSG0000I	3.508335	-1.13549	2.877739	-0.39458
ENSG0000I	ENSG0000I 79647	AKIRIN1	akirin 1	ENSG0000I	76.81942	0.298677	0.756975	0.394567
ENSG0000I	ENSG0000I 8760	CDS2	CDP-diacyl	ENSG0000I	271.1168	-0.22593	0.572739	-0.39447
ENSG0000I	ENSG0000I 81558	FAM117A	family with	ENSG0000I	10.80514	-0.6618	1.677731	-0.39446
ENSG0000I	ENSG0000I 91010	FMNL3	formin like	ENSG0000I	39.69039	0.370912	0.941104	0.394125
ENSG0000I	ENSG0000I 54629	MINDY2	MINDY lysi	ENSG0000I	108.6556	-0.27061	0.686657	-0.3941
ENSG0000I	ENSG00000278730			ENSG0000I	24.39435	-0.46001	1.167765	-0.39392
ENSG0000I	ENSG0000I 56963	RGMA	repulsive g	ENSG0000I	17.64186	-0.52575	1.336022	-0.39352
ENSG0000I	ENSG0000I 55176	SEC61A2	Sec61 tran:	ENSG0000I	8.473442	-0.73958	1.879944	-0.3934
ENSG0000I	ENSG0000I 29995	LMCD1	LIM and cy	ENSG0000I	35.37905	-0.39729	1.010019	-0.39335
ENSG0000I	ENSG0000I 255520	ELMOD2	ELMO dom	ENSG0000I	36.18728	0.387713	0.98578	0.393306
ENSG0000I	ENSG0000I 55758	RCOR3	REST corep	ENSG0000I	62.69885	0.314632	0.800134	0.393225
ENSG0000I	ENSG0000I 55668	GPATCH2L	G-patch do	ENSG0000I	80.73697	-0.29388	0.747537	-0.39313
ENSG0000I	ENSG0000I 285598	ARL10	ADP ribosy	ENSG0000I	25.74833	0.436634	1.110779	0.393088
ENSG0000I	ENSG0000I 149420	PDIK1L	PDLIM1 int	ENSG0000I	8.457095	-0.74406	1.89301	-0.39306
ENSG0000I	ENSG0000I 400961	PAIP2B	poly(A) bin	ENSG0000I	194.8023	-0.24316	0.618929	-0.39287
ENSG0000I	ENSG0000I 126075	CCDC159	coiled-coil	ENSG0000I	8.724282	0.69639	1.77382	0.392594
ENSG0000I	ENSG0000I 65005	MRPL9	mitochond	ENSG0000I	7.021119	0.775954	1.977119	0.392467
ENSG0000I	ENSG0000I 144577	C12orf66	chromosor	ENSG0000I	7.021119	0.775954	1.977119	0.392467
ENSG0000I	ENSG0000I 84971	ATG4D	autophagy	ENSG0000I	10.78251	-0.65504	1.66955	-0.39235
ENSG0000I	ENSG0000I 55011	PIH1D1	PIH1 doma	ENSG0000I	15.38732	0.543992	1.386799	0.392264
ENSG0000I	ENSG0000I 5393	EXOSC9	exosome c	ENSG0000I	17.15208	0.516837	1.317655	0.39224
ENSG0000I	ENSG0000I 8034	SLC25A16	solute carr	ENSG0000I	26.5576	-0.44042	1.123087	-0.39215
ENSG0000I	ENSG0000I 26149	ZNF658	zinc finger	ENSG0000I	10.82149	-0.6583	1.679254	-0.39202
ENSG0000I	ENSG0000I 56886	UGGT1	UDP-glucos	ENSG0000I	115.0159	-0.2653	0.676925	-0.39192
ENSG0000I	ENSG0000I 161424	NOP9	NOP9 nucl	ENSG0000I	29.2615	0.414593	1.057961	0.391879
ENSG0000I	ENSG0000I 6662	SOX9	SRY-box 9	ENSG0000I	24.01626	0.453567	1.158848	0.391394
ENSG0000I	ENSG0000I 658	BMPR1B	bone morp	ENSG0000I	6.024826	-0.86707	2.216307	-0.39122
ENSG0000I	ENSG0000I 79087	ALG12	ALG12, alp	ENSG0000I	6.024826	-0.86707	2.216307	-0.39122
ENSG0000I	ENSG0000I 7128	TNFAIP3	TNF alpha i	ENSG0000I	18.63776	0.517498	1.322831	0.391205
ENSG0000I	ENSG0000I 6776	STAT5A	signal tran	ENSG0000I	34.3672	0.393983	1.007224	0.391157
ENSG0000I	ENSG0000I 4931	NVL	nuclear VC	ENSG0000I	15.35541	-0.5555	1.420811	-0.39097
ENSG0000I	ENSG0000I 340267	COL28A1	collagen ty	ENSG0000I	10.38847	0.644508	1.649843	0.390648
ENSG0000I	ENSG0000I 6183	MRPS12	mitochond	ENSG0000I	10.38847	0.644508	1.649843	0.390648
ENSG0000I	ENSG0000I 4695	NDUFA2	NADH:ubic	ENSG0000I	12.07529	0.597734	1.530364	0.390583
ENSG0000I	ENSG0000I 7804	LRP8	LDL recept	ENSG0000I	3.916504	0.994881	2.549455	0.390233
ENSG0000I	ENSG00000228242			ENSG0000I	3.916504	0.994881	2.549455	0.390233
ENSG0000I	ENSG0000I 55300	PI4K2B	phosphatic	ENSG0000I	3.916504	0.994881	2.549455	0.390233
ENSG0000I	ENSG0000I 11113	CIT	citron rho-	ENSG0000I	3.916504	0.994881	2.549455	0.390233
ENSG0000I	ENSG0000I 84837	ARHGAP5-	ARHGAP5 ;	ENSG0000I	3.916504	0.994881	2.549455	0.390233
ENSG0000I	ENSG0000I 148022	TICAM1	toll like rec	ENSG0000I	3.916504	0.994881	2.549455	0.390233
ENSG0000I	ENSG0000I 284306	ZNF547	zinc finger	ENSG0000I	3.916504	0.994881	2.549455	0.390233
ENSG0000I	ENSG0000I 23386	NUDCD3	NudC dom	ENSG0000I	113.3555	-0.27397	0.702109	-0.39021
ENSG0000I	ENSG0000I 80700	UBXN6	UBX domai	ENSG0000I	37.99729	0.377118	0.966529	0.390177
ENSG0000I	ENSG0000I 23432	GPR161	G protein-c	ENSG0000I	13.06896	-0.59614	1.528064	-0.39013
ENSG0000I	ENSG0000I 7692	ZNF133	zinc finger	ENSG0000I	13.06896	-0.59614	1.528064	-0.39013
ENSG0000I	ENSG0000I 6996	TDG	thymine DI	ENSG0000I	24.29378	-0.45373	1.163517	-0.38997

ENSG00000157102	C12orf4	chromosom	ENSG00000157102	24.02254	0.447118	1.146836	0.389871
ENSG00000110928	RALBP1	ralA bindin	ENSG00000110928	91.36215	-0.28094	0.720633	-0.38986
ENSG00000184314	TMEM107	transmembr	ENSG00000184314	5.434874	0.888022	2.277974	0.38983
ENSG00000110907	TXNL4A	thioredoxin	ENSG00000110907	29.24516	0.412757	1.058875	0.389807
ENSG000001162989	DEDD2	death effec	ENSG000001162989	12.03632	0.600388	1.540496	0.389737
ENSG0000014670	HNRNPM	heterogen	ENSG0000014670	76.50724	-0.30234	0.776352	-0.38944
ENSG0000015693	PSMB5	proteasom	ENSG0000015693	50.72674	-0.34748	0.892331	-0.38941
ENSG00000110520	ZNF211	zinc finger	ENSG00000110520	17.61923	-0.52156	1.339599	-0.38934
ENSG00000157599	WDR48	WD repeat	ENSG00000157599	48.59462	0.340159	0.873804	0.389285
ENSG000001253461	ZBTB38	zinc finger	ENSG000001253461	226.0229	-0.22906	0.588678	-0.38911
ENSG0000011979	EIF4EBP2	eukaryotic	ENSG0000011979	423.5259	-0.20735	0.533071	-0.38897
ENSG000001513	ATP5F1D	ATP syntha	ENSG000001513	33.08633	-0.39874	1.025538	-0.38881
ENSG00000123279	NUP160	nucleoporin	ENSG00000123279	39.61505	-0.37108	0.955716	-0.38828
ENSG0000012746	GLUD1	glutamate	ENSG0000012746	123.4033	0.256127	0.659756	0.388215
ENSG000001116461	TSEN15	tRNA splici	ENSG000001116461	18.77102	0.513969	1.323975	0.388201
ENSG00000179685	SAP30L	SAP30 like	ENSG00000179685	52.63353	-0.33573	0.864904	-0.38817
ENSG00000155776	SAYS1	SAYS1-like	ENSG00000155776	6.002201	-0.85517	2.203205	-0.38815
ENSG00000158509	CACTIN	cactin, splic	ENSG00000158509	6.002201	-0.85517	2.203205	-0.38815
ENSG000001100	ADA	adenosine	ENSG000001100	6.002201	-0.85517	2.203205	-0.38815
ENSG000001100272228	LINC00894	long interg	ENSG000001100272228	6.002201	-0.85517	2.203205	-0.38815
ENSG00000122858	ICK	intestinal c	ENSG00000122858	45.05882	0.349247	0.899967	0.388067
ENSG0000018314	BAP1	BRCA1 ass	ENSG0000018314	50.42098	0.334656	0.862663	0.387934
ENSG000001378805	LINC-PINT	long interg	ENSG000001378805	61.56183	-0.33002	0.850964	-0.38782
ENSG0000015589	PRKCSH	protein kin	ENSG0000015589	43.96418	-0.35822	0.92389	-0.38773
ENSG0000017132	TNFRSF1A	TNF recept	ENSG0000017132	76.80516	-0.31112	0.802466	-0.38771
ENSG00000123262	PPIP5K2	diphospho	ENSG00000123262	82.89015	-0.2932	0.756251	-0.3877
ENSG00000123118	TAB2	TGF-beta a	ENSG00000123118	114.8311	-0.26215	0.676599	-0.38745
ENSG00000110539	GLRX3	glutaredox	ENSG00000110539	33.0926	-0.4018	1.037625	-0.38723
ENSG00000180273	GRPEL1	GrpE like 1	ENSG00000180273	41.89522	-0.36668	0.947033	-0.38719
ENSG000001100506365	OTUD6B-A	OTUD6B ar	ENSG000001100506365	39.85256	0.362975	0.937861	0.387025
ENSG00000110040	TOM1L1	target of m	ENSG00000110040	8.746907	0.683138	1.765117	0.387021
ENSG00000165267	WNK3	WNK lysine	ENSG00000165267	8.746907	0.683138	1.765117	0.387021
ENSG000001115196	ZNF554	zinc finger	ENSG000001115196	8.411844	-0.72689	1.879562	-0.38673
ENSG000001647024	C6orf132	chromosom	ENSG000001647024	7.121689	0.751322	1.942942	0.386693
ENSG00000179161	TMEM243	transmembr	ENSG00000179161	7.121689	0.751322	1.942942	0.386693
ENSG00000129950	SERTAD1	SERTA dom	ENSG00000129950	7.121689	0.751322	1.942942	0.386693
ENSG0000015925	RB1	RB transcri	ENSG0000015925	87.52739	0.287007	0.742244	0.386675
ENSG00000110922	FASTK	Fas activat	ENSG00000110922	22.05258	-0.47317	1.223919	-0.3866
ENSG0000011613	DAPK3	death asso	ENSG0000011613	22.05258	-0.47317	1.223919	-0.3866
ENSG0000018776	MTMR1	myotubula	ENSG0000018776	27.57469	0.420965	1.088952	0.386578
ENSG00000110963	STIP1	stress indu	ENSG00000110963	78.50584	-0.29319	0.75849	-0.38655
ENSG00000156851	EMC7	ER membr	ENSG00000156851	25.8489	0.429798	1.112065	0.386487
ENSG000001283298	OLFML1	olfactomec	ENSG000001283298	10.75989	-0.64822	1.677663	-0.38638
ENSG0000018846	ALKBH1	alkB homo	ENSG0000018846	10.75989	-0.64822	1.677663	-0.38638
ENSG00000184309	NUDT16L1	nudix hydr	ENSG00000184309	10.75989	-0.64822	1.677663	-0.38638
ENSG00000110120	ACTR1B	ARP1 actin	ENSG00000110120	50.42503	-0.33771	0.87408	-0.38636
ENSG00000184890	ADO	2-aminoetl	ENSG00000184890	20.64891	0.469454	1.215103	0.386349

ENSG0000I	ENSG0000I	643988	FNDC10	fibronectin	ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG0000I	101928303	LOC101928	uncharacterized	ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG0000I	100287948	LINC01699	long intergenic	ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG000000206762				ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG000000270585				ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG000000230993				ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG0000I	101928243	DARS-AS1	DARS antisense	ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG000000230783				ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG000000223727				ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG000000243025				ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG0000I	10242	KCNMB2	potassium channel	ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG0000I	10815	CPLX1	complexin	ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG0000I	1259	CNGA1	cyclic nucleotide-gated	ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG000000249170				ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG0000I	2169	FABP2	fatty acid binding protein	ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG000000249908				ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG0000I	167359	NIM1K	NIM1 serine/threonine kinase	ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG000000247121				ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG0000I	102546228	LINC02039	long intergenic	ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG000000234206				ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG000000225415				ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG000000272655				ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG0000I	79037	PVRIG	PVR related protein	ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG000000244479				ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG000000253270				ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG0000I	286183	NKAIN3	sodium/potassium ATPase	ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG000000270077				ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG000000275144				ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG000000259994				ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG000000244356				ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG0000I	219738	FAM241B	family with sequence similarity 241B	ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG000000244391				ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG000000229696				ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG0000I	100874086	PCDH9-AS	PCDH9 antisense	ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG000000235280				ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG000000271424				ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG000000231409				ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG0000I	4504	MT3	metallothionein	ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG0000I	123775	C16orf46	chromosome 16 open reading frame 46	ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG0000I	102724344	LINC02188	long intergenic	ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG000000269947				ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG000000260647				ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG000000154898				ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG000000264044				ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG000000264083				ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG000000280022				ENSG0000I	1.076067	-2.16123	5.595043	-0.38628
ENSG0000I	ENSG000000263503				ENSG0000I	1.076067	-2.16123	5.595043	-0.38628

ENSG00000101253730			ENSG00000101253730	1.076067	-2.16123	5.595043	-0.38628
ENSG00000101265100			ENSG00000101265100	1.076067	-2.16123	5.595043	-0.38628
ENSG00000101265490			ENSG00000101265490	1.076067	-2.16123	5.595043	-0.38628
ENSG0000010147429	AQP4-AS1	AQP4 antis	ENSG0000010147429	1.076067	-2.16123	5.595043	-0.38628
ENSG00000101267587			ENSG00000101267587	1.076067	-2.16123	5.595043	-0.38628
ENSG000001012587	GALR1	galanin rec	ENSG000001012587	1.076067	-2.16123	5.595043	-0.38628
ENSG0000010179883	PODNL1	podocan lil	ENSG0000010179883	1.076067	-2.16123	5.595043	-0.38628
ENSG00000101236754			ENSG00000101236754	1.076067	-2.16123	5.595043	-0.38628
ENSG00000101101928969	RHOXF1-AS1	RHOXF1 ar	ENSG00000101101928969	1.076067	-2.16123	5.595043	-0.38628
ENSG000001018850	KAT2B	lysine acet	ENSG000001018850	162.2682	0.248261	0.643024	0.386084
ENSG0000010110845	CLPX	caseinolyti	ENSG0000010110845	77.00422	0.29338	0.760111	0.38597
ENSG000001018303	SNN	stannin	ENSG000001018303	48.69519	0.336408	0.872105	0.385743
ENSG000001019135	RABEP1	rabaptin, R	ENSG000001019135	121.1914	-0.25757	0.667764	-0.38572
ENSG0000010191452	ACBD5	acyl-CoA bi	ENSG0000010191452	96.6227	0.273835	0.709997	0.385685
ENSG00000101134957	STXBP5	syntaxin bi	ENSG00000101134957	62.83839	0.310836	0.805978	0.385663
ENSG0000010129766	TMOD3	tropomod	ENSG0000010129766	65.65581	-0.31152	0.807771	-0.38565
ENSG0000010155631	LRRC40	leucine ric	ENSG0000010155631	17.21368	0.508745	1.319366	0.385598
ENSG000001018737	RIPK1	receptor in	ENSG000001018737	33.11523	-0.4039	1.047563	-0.38556
ENSG000001019534	ZNF254	zinc finger	ENSG000001019534	35.44693	-0.403	1.045248	-0.38556
ENSG000001019353	SLIT2	slit guidanc	ENSG000001019353	33.02473	-0.39527	1.025891	-0.3853
ENSG00000101261734	NPHP4	nephrocyst	ENSG00000101261734	6.047452	-0.87818	2.279883	-0.38519
ENSG0000010123380	SRGAP2	SLIT-ROBO	ENSG0000010123380	36.23881	0.378887	0.983711	0.385161
ENSG00000101353274	ZNF445	zinc finger	ENSG00000101353274	82.65383	-0.28633	0.743523	-0.3851
ENSG000001011729	DIAPH1	diaphanou	ENSG000001011729	144.7048	0.24768	0.643507	0.384892
ENSG0000010154566	EPB41L4B	erythrocyt	ENSG0000010154566	44.19802	-0.36452	0.94718	-0.38485
ENSG0000010179624	ARMT1	acidic resic	ENSG0000010179624	18.92312	0.485592	1.262127	0.384741
ENSG0000010127291	R3HCC1L	R3H domai	ENSG0000010127291	13.72313	0.565012	1.468864	0.384659
ENSG00000101128240	NAXE	NAD(P)HX	ENSG00000101128240	38.12677	0.36642	0.95285	0.384552
ENSG000001011650	DDOST	dolichyl-di	ENSG000001011650	73.55892	0.292432	0.76071	0.38442
ENSG00000101347918	EP400P1	EP400 pset	ENSG00000101347918	19.78248	-0.48805	1.270246	-0.38422
ENSG000001014659	PPP1R12A	protein ph	ENSG000001014659	128.9012	0.250494	0.652019	0.384182
ENSG00000101154810	AMOTL1	angiomotir	ENSG00000101154810	126.0761	-0.26405	0.687309	-0.38418
ENSG000001019751	SNPH	syntaphilin	ENSG000001019751	15.65712	-0.58534	1.523988	-0.38408
ENSG0000010179890	RIN3	Ras and Ra	ENSG0000010179890	22.39732	0.451296	1.1752	0.384016
ENSG000001012048	EPHB2	EPH recept	ENSG000001012048	2.398135	1.229516	3.202511	0.383923
ENSG0000010184140	FAM161A	FAM161A,	ENSG0000010184140	2.398135	1.229516	3.202511	0.383923
ENSG00000101219433			ENSG00000101219433	2.398135	1.229516	3.202511	0.383923
ENSG00000101441273	SPDYE2	speedy/RIN	ENSG00000101441273	2.398135	1.229516	3.202511	0.383923
ENSG000001010254162			ENSG000001010254162	2.398135	1.229516	3.202511	0.383923
ENSG0000010110912	GADD45G	growth arr	ENSG0000010110912	2.398135	1.229516	3.202511	0.383923
ENSG000001010230224			ENSG000001010230224	2.398135	1.229516	3.202511	0.383923
ENSG000001010250659			ENSG000001010250659	2.398135	1.229516	3.202511	0.383923
ENSG0000010126011	TENM4	teneurin tr	ENSG0000010126011	2.398135	1.229516	3.202511	0.383923
ENSG0000010151062	ATL1	atlastin GT	ENSG0000010151062	2.398135	1.229516	3.202511	0.383923
ENSG00000101100507410	C1QTNF1-1	C1QTNF1 a	ENSG00000101100507410	2.398135	1.229516	3.202511	0.383923
ENSG000001017512	XPNPEP2	X-prolyl an	ENSG000001017512	2.398135	1.229516	3.202511	0.383923
ENSG0000010180208	SPG11	SPG11, spa	ENSG0000010180208	164.7419	0.236855	0.61695	0.383912

ENSG00000155349	CHDH	choline de	ENSG00000155349	13.00736	-0.58775	1.531526	-0.38377
ENSG00000155791	LRIF1	ligand dep	ENSG00000155791	15.44264	0.545864	1.422421	0.383757
ENSG0000019866	TRIM66	tripartite r	ENSG0000019866	17.19105	0.514558	1.34142	0.383592
ENSG00000126286	ARFGAP3	ADP ribosy	ENSG00000126286	45.08145	0.347315	0.905576	0.383529
ENSG0000014804	NGFR	nerve grow	ENSG0000014804	29.56936	-0.48797	1.273155	-0.38328
ENSG000001648791	PPP1R3G	protein ph	ENSG000001648791	13.8237	0.552324	1.44138	0.383191
ENSG0000015833	PCYT2	phosphate	ENSG0000015833	28.83777	-0.4284	1.118109	-0.38315
ENSG0000013300	DNAJB2	DnaJ heat s	ENSG0000013300	58.97119	-0.31684	0.827471	-0.3829
ENSG00000123181	DIP2A	disco inter	ENSG00000123181	58.97119	-0.31684	0.827471	-0.3829
ENSG00000129121	CLEC2D	C-type lect	ENSG00000129121	15.34835	0.546705	1.427953	0.38286
ENSG0000014061	LY6E	lymphocyt	ENSG0000014061	28.66553	-0.42347	1.106196	-0.38282
ENSG00000184513	PLPP5	phospholip	ENSG00000184513	13.05261	-0.59878	1.564737	-0.38267
ENSG000001960	CD44	CD44 mole	ENSG000001960	72.09312	0.335329	0.876339	0.382647
ENSG00000180063	ATF7IP2	activating t	ENSG00000180063	36.30041	0.375137	0.980424	0.382627
ENSG00000155090	MED9	mediator c	ENSG00000155090	30.79988	-0.40366	1.055179	-0.38255
ENSG0000014034	LRCH4	leucine ric	ENSG0000014034	3.446737	-1.10655	2.893624	-0.38241
ENSG000001136051	ZNF786	zinc finger	ENSG000001136051	3.446737	-1.10655	2.893624	-0.38241
ENSG0000010253842			ENSG0000010253842	3.446737	-1.10655	2.893624	-0.38241
ENSG0000010253106			ENSG0000010253106	3.446737	-1.10655	2.893624	-0.38241
ENSG00000123413	NCS1	neuronal c	ENSG00000123413	3.446737	-1.10655	2.893624	-0.38241
ENSG0000011033	CDKN3	cyclin depe	ENSG0000011033	3.446737	-1.10655	2.893624	-0.38241
ENSG0000019369	NRXN3	neurexin 3	ENSG0000019369	3.446737	-1.10655	2.893624	-0.38241
ENSG000001161725	OTUD7A	OTU deubi	ENSG000001161725	3.446737	-1.10655	2.893624	-0.38241
ENSG0000010267694			ENSG0000010267694	3.446737	-1.10655	2.893624	-0.38241
ENSG000001148103	ZNF599	zinc finger	ENSG000001148103	3.446737	-1.10655	2.893624	-0.38241
ENSG000001221496	LEMD2	LEM doma	ENSG000001221496	26.39543	-0.43034	1.125351	-0.3824
ENSG000001653567	TMEM236	transmeml	ENSG000001653567	3.469363	-1.12629	2.945596	-0.38236
ENSG00000181689	ISCA1	iron-sulfur	ENSG00000181689	71.97711	-0.29859	0.781597	-0.38202
ENSG00000123211	ZC3H4	zinc finger	ENSG00000123211	37.32861	-0.37343	0.977612	-0.38198
ENSG000001387893	KMT5A	lysine metl	ENSG000001387893	35.20433	-0.38385	1.005082	-0.38191
ENSG0000013364	HUS1	HUS1 chec	ENSG0000013364	17.19733	0.504875	1.322144	0.381861
ENSG00000110443	N4BP2L2	NEDD4 bin	ENSG00000110443	285.0208	0.213489	0.559105	0.381841
ENSG00000179899	PRR5L	proline ric	ENSG00000179899	5.480124	0.842253	2.206012	0.381799
ENSG00000184705	GTPBP3	GTP bindin	ENSG00000184705	5.480124	0.842253	2.206012	0.381799
ENSG00000179442	LRRC2	leucine ric	ENSG00000179442	356.2016	-0.22737	0.595554	-0.38178
ENSG0000012252	FGF7	fibroblast g	ENSG0000012252	53.98568	0.323493	0.84746	0.38172
ENSG0000016194	RPS6	ribosomal	ENSG0000016194	430.4033	0.211823	0.555389	0.381397
ENSG0000018543	LMO4	LIM domai	ENSG0000018543	27.65891	0.412586	1.081805	0.381387
ENSG00000125875	LETMD1	LETM1 don	ENSG00000125875	21.96836	-0.46476	1.218831	-0.38132
ENSG000001728190	NUTM2A- A	NUTM2A a	ENSG000001728190	15.27119	-0.54345	1.425292	-0.38129
ENSG000001153222	CREBRF	CREB3 regl	ENSG000001153222	113.153	-0.27391	0.718433	-0.38126
ENSG0000019698	PUM1	pumilio RN	ENSG0000019698	125.2551	-0.25264	0.662671	-0.38124
ENSG00000183941	TM2D1	TM2 doma	ENSG00000183941	15.54949	0.523761	1.373996	0.381195
ENSG00000157134	MAN1C1	mannosida	ENSG00000157134	30.76091	-0.40232	1.056427	-0.38083
ENSG00000151499	TRIAP1	TP53 regul	ENSG00000151499	10.4727	0.620187	1.629193	0.380671
ENSG00000122927	HABP4	hyaluronar	ENSG00000122927	26.41178	-0.42908	1.127289	-0.38063
ENSG0000015813	PURA	purine rich	ENSG0000015813	129.4974	-0.25027	0.657622	-0.38057

ENSG00000196383	RILPL2	Rab interact	ENSG000001069829	-0.63808	1.677459	-0.38039
ENSG00000184624	FNDC1	fibronectin	ENSG0000013547308	-1.14566	3.014995	-0.37999
ENSG00000110838	ZNF275	zinc finger	ENSG0000012194573	-0.46142	1.21449	-0.37993
ENSG00000125879	DCAF13	DDB1 and C	ENSG0000011898472	0.478337	1.259195	0.379875
ENSG0000015599	MAPK8	mitogen-act	ENSG0000012857503	-0.41338	1.08846	-0.37978
ENSG00000155610	VPS50	VPS50, EAF	ENSG0000013469154	0.37569	0.989301	0.379753
ENSG00000154807	ZNF586	zinc finger	ENSG0000011749603	-0.50888	1.340227	-0.37969
ENSG0000015690	PSMB2	proteasom	ENSG0000014879576	0.332651	0.876167	0.379666
ENSG00000129902	FAM216A	family with	ENSG0000015963229	-0.84959	2.237927	-0.37963
ENSG00000179980	DSN1	DSN1 hom	ENSG0000015963229	-0.84959	2.237927	-0.37963
ENSG00000155175	KLHL11	kelch like f	ENSG0000018350246	-0.71411	1.881178	-0.37961
ENSG00000185026	ARRDC1-A	ARRDC1 ar	ENSG0000017144314	0.734541	1.935191	0.379571
ENSG00000192342	METTL18	methyltran	ENSG0000013877531	1.000374	2.635931	0.379514
ENSG0000011062	CENPE	centromer	ENSG0000013877531	1.000374	2.635931	0.379514
ENSG00000164121	RRAGC	Ras relatec	ENSG0000011298474	-0.58205	1.533889	-0.37946
ENSG00000192797	HELB	DNA helica	ENSG0000018808505	0.666815	1.757611	0.379387
ENSG00000164863	METTL4	methyltran	ENSG0000018808505	0.666815	1.757611	0.379387
ENSG00000160559	SPCS3	signal pept	ENSG0000011416492	0.241827	0.637702	0.379216
ENSG00000127332	ZNF638	zinc finger	ENSG0000012634744	-0.21626	0.570334	-0.37918
ENSG000001682	BSG	basigin (Ok	ENSG0000017262586	-0.2178	0.574431	-0.37915
ENSG00000154676	GTPBP2	GTP bindin	ENSG0000013294678	-0.3927	1.035823	-0.37912
ENSG0000018661	EIF3A	eukaryotic	ENSG000001346378	-0.20837	0.550148	-0.37875
ENSG00000179777	ACBD4	acyl-CoA bi	ENSG0000015940603	-0.83765	2.212154	-0.37866
ENSG00000110150	MBNL2	muscleblin	ENSG0000011677106	-0.23433	0.618891	-0.37863
ENSG000001359948	IRF2BP2	interferon	ENSG000001847819	-0.28207	0.745287	-0.37847
ENSG00000155920	RCC2	regulator c	ENSG0000012241995	0.446919	1.181179	0.378367
ENSG00000110916	MAGED2	MAGE fam	ENSG0000019680749	0.269623	0.712774	0.378273
ENSG00000123225	NUP210	nucleopori	ENSG0000017099064	0.767264	2.028987	0.378151
ENSG00000110657	KHDRBS1	KH RNA bir	ENSG0000016752362	-0.30259	0.800397	-0.37805
ENSG00000155603	TENT5A	terminal ni	ENSG0000011040211	0.260969	0.690546	0.377916
ENSG00000151678	MPP6	membrane	ENSG0000011065932	-0.63483	1.680091	-0.37786
ENSG00000126071	RTL8A	retrotransç	ENSG0000011065932	-0.63483	1.680091	-0.37786
ENSG0000014601	MXI1	MAX interç	ENSG0000011081339	-0.26043	0.689282	-0.37783
ENSG0000015993	RFX5	regulatory	ENSG0000013471416	0.373033	0.987325	0.377822
ENSG00000155611	OTUB1	OTU deubi	ENSG0000012420733	0.430126	1.138645	0.377753
ENSG00000110486	CAP2	cyclase ass	ENSG0000011237628	0.248736	0.659029	0.377428
ENSG00000171	ACTG1	actin gamn	ENSG0000012667774	0.21754	0.576515	0.377337
ENSG000001221830	TWISTNB	TWIST neig	ENSG0000011902369	0.476412	1.263537	0.377046
ENSG000001144245	ALG10B	ALG10B, al	ENSG0000011902369	0.476412	1.263537	0.377046
ENSG00000156256	SERTAD4	SERTA don	ENSG000001348571	-1.11603	2.963277	-0.37662
ENSG0000018572	PDLIM4	PDZ and LI	ENSG000001348571	-1.11603	2.963277	-0.37662
ENSG0000010271553			ENSG000001348571	-1.11603	2.963277	-0.37662
ENSG0000010250132			ENSG000001348571	-1.11603	2.963277	-0.37662
ENSG0000014440	MSI1	musashi R	ENSG000001348571	-1.11603	2.963277	-0.37662
ENSG000001199699	DAND5	DAN doma	ENSG000001348571	-1.11603	2.963277	-0.37662
ENSG00000151226	COPZ2	coatomer ç	ENSG000001138853	0.542265	1.439891	0.376602
ENSG0000019456	HOMER1	homer sca	ENSG0000016636791	0.30762	0.817161	0.37645

ENSG0000017157	TP53	tumor prot	ENSG0000019.89561	-0.50573	1.344353	-0.37619
ENSG00000130540	ALS2CR12	amyotroph	ENSG0000018.389219	-0.71835	1.909678	-0.37616
ENSG00000115557	ARHGEF25	Rho guanir	ENSG0000018.389219	-0.71835	1.909678	-0.37616
ENSG0000017694	ZNF135	zinc finger	ENSG0000018.389219	-0.71835	1.909678	-0.37616
ENSG00000100287932	TIMM23	translocase	ENSG00000137.28336	-0.36956	0.98295	-0.37597
ENSG0000017249	TSC2	TSC compl	ENSG00000160.96599	-0.30746	0.818052	-0.37584
ENSG00000100288778	WASH8P	WAS prote	ENSG0000018.707934	0.687084	1.828587	0.375746
ENSG00000100238231			ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG000001343052	LOC343052	immunogl	ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG00000100225338			ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG00000155509	BATF3	basic leucir	ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG00000100230461			ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG00000100228470			ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG000001100616141	MIR4428	microRNA	ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG00000100225234			ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG000001100505716	LOC100505	uncharacte	ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG00000172	ACTG2	actin, gami	ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG000001129804	FBLN7	fibulin 7	ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG00000100235258			ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG00000100268896			ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG000001654841	LOC654841	uncharacte	ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG00000100213055			ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG00000100224080			ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG00000100244226			ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG00000100203647			ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG00000100244932			ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG000001101927597	NCK1-DT	NCK1 diver	ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG00000100279320			ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG00000110861	SLC26A1	solute carr	ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG00000100243260			ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG00000100279098			ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG000001105377348	LOC105377	uncharacte	ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG00000100249806			ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG0000012561	GABRB2	gamma-ar	ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG0000013662	IRF4	interferon	ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG000001629	CFB	compleme	ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG00000100231842			ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG000001101927630	LOC101927	uncharacte	ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG000001100861514	ELMO1-AS	ELMO1 ant	ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG00000100228434			ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG00000100269899			ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG00000100253471			ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG00000100254281			ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG00000123349	PHF24	PHD finger	ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG000001220869	CBWD5	COBW don	ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG000001102466518	MIR6081	microRNA	ENSG0000011.037094	-2.12647	5.659764	-0.37572
ENSG00000100233998			ENSG0000011.037094	-2.12647	5.659764	-0.37572

ENSG000001229206			ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG000001272983			ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG000001272140			ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG0000011244	ABCC2	ATP bindin	ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG000001100505839	SH3PXD2A	SH3PXD2A	ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG000001232259			ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG000001224295			ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG000001227097			ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG000001256557			ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG000001273890			ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG000001275759			ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG000001228886			ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG000001101927780	LINC01303	long interg	ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG000001258443			ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG0000011735	DIO3	iodothyron	ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG000001211937			ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG000001211947			ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG000001283663	LINC00926	long interg	ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG000001279162			ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG000001260276			ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG0000016338	SCNN1B	sodium ch	ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG000001493829	TRIM72	tripartite n	ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG000001261369			ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG000001277954			ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG0000014619	MYH1	myosin he	ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG000001266302			ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG000001124923	SGK494	uncharacte	ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG00000157151	LYZL6	lysozyme li	ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG0000013214	HOXB4	homeobox	ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG000001100133319	PRO1804	uncharacte	ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG000001262663			ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG000001274370			ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG000001265477			ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG00000163895	PIEZO2	piezo type	ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG000001279077			ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG000001268087			ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG000001268947			ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG000001280162			ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG000001232136			ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG00000180307	FER1L4	fer-1 like f	ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG000001211648			ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG000001213279			ENSG000001037094	-2.12647	5.659764	-0.37572
ENSG0000017474	WNT5A	Wnt family	ENSG0000013939129	0.960112	2.556857	0.375505
ENSG000001399972	GSEC	G-quadrup	ENSG0000013939129	0.960112	2.556857	0.375505
ENSG00000184962	AJUBA	ajuba LIM |	ENSG0000013939129	0.960112	2.556857	0.375505
ENSG0000014664	NAB1	NGFI-A bin	ENSG00000164.87845	0.297909	0.793616	0.375381
ENSG00000180143	SIKE1	suppressor	ENSG00000119.69826	-0.47862	1.275307	-0.3753

ENSG0000I	ENSG0000I	10495	ENOX2	ecto-NOX c	ENSG0000I	19.69826	-0.47862	1.275307	-0.3753
ENSG0000I	ENSG0000I	134266	GRPEL2	GrpE like 2	ENSG0000I	25.99472	0.415558	1.107405	0.375254
ENSG0000I	ENSG0000I	54558	SPATA6	spermatog	ENSG0000I	21.92939	-0.4629	1.234249	-0.37504
ENSG0000I	ENSG0000I	284611	FAM102B	family with	ENSG0000I	27.74313	0.404235	1.077868	0.375032
ENSG0000I	ENSG0000I	131616	TMEM42	transmeml	ENSG0000I	7.183287	0.730755	1.948757	0.374985
ENSG0000I	ENSG0000I	285386	TPRG1	tumor prot	ENSG0000I	8.311274	-0.71005	1.89362	-0.37497
ENSG0000I	ENSG0000I	23258	DENND5A	DENN dom	ENSG0000I	228.0018	0.217579	0.58038	0.37489
ENSG0000I	ENSG0000I	25974	MMACHC	metabolisr	ENSG0000I	24.2259	-0.44476	1.186551	-0.37483
ENSG0000I	ENSG0000I	10573	MRPL28	mitochond	ENSG0000I	15.24856	-0.53863	1.43701	-0.37483
ENSG0000I	ENSG0000I	79642	ARSJ	arylsulfata	ENSG0000I	5.541722	0.815147	2.175222	0.374742
ENSG0000I	ENSG0000I	9055	PRC1	protein reg	ENSG0000I	5.541722	0.815147	2.175222	0.374742
ENSG0000I	ENSG0000I	10587	TXNRD2	thioredoxir	ENSG0000I	17.47341	-0.50465	1.347266	-0.37457
ENSG0000I	ENSG0000I	7165	TPD52L2	TPD52 like	ENSG0000I	89.88799	0.268507	0.716907	0.374535
ENSG0000I	ENSG0000I	10087	COL4A3BP	collagen ty	ENSG0000I	58.84172	-0.31129	0.831213	-0.3745
ENSG0000I	ENSG0000I	2744	GLS	glutaminas	ENSG0000I	96.84647	0.268993	0.718298	0.374487
ENSG0000I	ENSG0000I	10795	ZNF268	zinc finger	ENSG0000I	28.51971	-0.41301	1.103441	-0.37429
ENSG0000I	ENSG0000I	81928	CABLES2	Cdk5 and A	ENSG0000I	10.63669	-0.62789	1.678649	-0.37405
ENSG0000I	ENSG0000I	55634	KRBOX4	KRAB box c	ENSG0000I	10.63669	-0.62789	1.678649	-0.37405
ENSG0000I	ENSG0000I	148867	SLC30A7	solute carr	ENSG0000I	36.38463	0.368963	0.986554	0.373992
ENSG0000I	ENSG0000I	9373	PLAA	phospholip	ENSG0000I	41.71789	0.35417	0.94743	0.373822
ENSG0000I	ENSG0000I	7691	ZNF132	zinc finger	ENSG0000I	12.92314	-0.57357	1.534823	-0.37371
ENSG0000I	ENSG0000I	9937	DCLRE1A	DNA cross-	ENSG0000I	15.53314	0.519396	1.390588	0.373508
ENSG0000I	ENSG0000I	51729	WBP11	WW doma	ENSG0000I	80.25425	-0.28081	0.752234	-0.37331
ENSG0000I	ENSG0000I	56647	BCCIP	BRCA2 and	ENSG0000I	26.28858	-0.42044	1.126379	-0.37327
ENSG0000I	ENSG0000I	338596	ST8SIA6	ST8 alpha-I	ENSG0000I	19.73723	-0.48064	1.288806	-0.37294
ENSG0000I	ENSG0000I	1183	CLCN4	chloride vc	ENSG0000I	63.54788	-0.31514	0.846163	-0.37244
ENSG0000I	ENSG0000I	388272	C16orf87	chromosor	ENSG0000I	13.84005	0.557059	1.495978	0.372371
ENSG0000I	ENSG0000I	342527	SMTNL2	smoothelir	ENSG0000I	13.84005	0.557059	1.495978	0.372371
ENSG0000I	ENSG0000I	92595	ZNF764	zinc finger	ENSG0000I	10.53429	0.6067	1.629355	0.372356
ENSG0000I	ENSG0000I	10471	PFDN6	prefoldin s	ENSG0000I	12.12054	0.580026	1.557995	0.37229
ENSG0000I	ENSG0000I	239665			ENSG0000I	21.95201	-0.46606	1.251903	-0.37228
ENSG0000I	ENSG0000I	3895	KTN1	kinectin 1	ENSG0000I	596.8744	0.192453	0.517095	0.372181
ENSG0000I	ENSG0000I	84068	SLC10A7	solute carr	ENSG0000I	8.288648	-0.70124	1.88481	-0.37205
ENSG0000I	ENSG0000I	5372	PMM1	phosphom	ENSG0000I	8.288648	-0.70124	1.88481	-0.37205
ENSG0000I	ENSG0000I	129607	CMPK2	cytidine/ur	ENSG0000I	12.22111	0.565663	1.521228	0.371846
ENSG0000I	ENSG0000I	51706	CYB5R1	cytochrom	ENSG0000I	100.0843	0.274943	0.73952	0.371786
ENSG0000I	ENSG0000I	285971	ZNF775	zinc finger	ENSG0000I	3.978102	0.954923	2.569171	0.371685
ENSG0000I	ENSG0000I	119504	ANAPC16	anaphase p	ENSG0000I	158.0336	0.232944	0.626826	0.371625
ENSG0000I	ENSG0000I	9950	GOLGA5	golgin A5	ENSG0000I	40.09895	0.349435	0.940352	0.3716
ENSG0000I	ENSG0000I	123096	SLC25A29	solute carr	ENSG0000I	17.3595	0.486833	1.310263	0.371554
ENSG0000I	ENSG0000I	5334	PLCL1	phospholip	ENSG0000I	198.3716	0.234281	0.630831	0.371385
ENSG0000I	ENSG0000I	84759	PCGF1	polycomb p	ENSG0000I	7.205912	0.714346	1.923507	0.371377
ENSG0000I	ENSG0000I	84102	SLC41A2	solute carr	ENSG0000I	7.205912	0.714346	1.923507	0.371377
ENSG0000I	ENSG0000I	79567	RIPOR1	RHO family	ENSG0000I	7.205912	0.714346	1.923507	0.371377
ENSG0000I	ENSG0000I	94039	ZNF101	zinc finger	ENSG0000I	7.205912	0.714346	1.923507	0.371377
ENSG0000I	ENSG0000I	57231	SNX14	sorting nex	ENSG0000I	38.29521	0.354612	0.955081	0.37129
ENSG0000I	ENSG0000I	23787	MTCH1	mitochond	ENSG0000I	161.0072	-0.23169	0.624058	-0.37126

ENSG0000017390	UROS	uroporphyrin	ENSG0000017390	34.81473	0.367891	0.990942	0.371254
ENSG00000157614	RELCH	RAB11 binding	ENSG00000157614	54.1931	0.314447	0.847037	0.371232
ENSG0000014784	NFIX	nuclear factor	ENSG0000014784	101.7837	-0.26498	0.713809	-0.37122
ENSG00000155111	PLEKHJ1	pleckstrin homology	ENSG00000155111	19.63666	-0.47291	1.275055	-0.37089
ENSG00000154805	CNNM2	cyclin and cyclin	ENSG00000154805	17.39546	-0.50034	1.349371	-0.3708
ENSG00000127097	TAF5L	TATA-box binding	ENSG00000127097	15.14799	-0.52889	1.42766	-0.37046
ENSG0000010229456			ENSG0000010229456	5.580695	0.810746	2.189055	0.370364
ENSG00000128989	NTMT1	N-terminal	ENSG00000128989	15.18696	-0.53132	1.434897	-0.37028
ENSG0000018884	SLC5A6	solute carrier	ENSG0000018884	12.88417	-0.5708	1.541797	-0.37022
ENSG00000154460	MRPS21	mitochondrial	ENSG00000154460	34.83736	0.365262	0.986648	0.370205
ENSG000001254225	RNF169	ring finger	ENSG000001254225	50.59571	0.323462	0.874036	0.370079
ENSG0000014286	MITF	melanocyte	ENSG0000014286	168.3594	0.236534	0.639311	0.369982
ENSG0000019772	TMEM94	transmembrane	ENSG0000019772	50.20754	-0.3316	0.896865	-0.36973
ENSG000001135154	SDHAF4	succinate dehydrogenase	ENSG000001135154	13.9469	0.532262	1.439975	0.369633
ENSG00000123451	SF3B1	splicing factor	ENSG00000123451	345.2892	0.201273	0.544564	0.369603
ENSG00000151274	KLF3	Kruppel like	ENSG00000151274	69.80759	-0.29975	0.811011	-0.3696
ENSG00000110276	NET1	neuroepithelial	ENSG00000110276	28.45811	-0.40899	1.107619	-0.36925
ENSG00000184698	CAPS2	calcyphosin	ENSG00000184698	17.37284	-0.49609	1.343575	-0.36923
ENSG0000010225920			ENSG0000010225920	3.424112	-1.08625	2.942178	-0.3692
ENSG000001257144	GCSAM	germinal center	ENSG000001257144	3.424112	-1.08625	2.942178	-0.3692
ENSG00000151554	ACKR4	atypical chemokine	ENSG00000151554	3.424112	-1.08625	2.942178	-0.3692
ENSG0000010272446			ENSG0000010272446	3.424112	-1.08625	2.942178	-0.3692
ENSG000001203111	ERICH5	glutamate	ENSG000001203111	3.424112	-1.08625	2.942178	-0.3692
ENSG00000184787	KMT5C	lysine methyltransferase	ENSG00000184787	3.424112	-1.08625	2.942178	-0.3692
ENSG0000013149	HMGB3	high mobility group	ENSG0000013149	3.424112	-1.08625	2.942178	-0.3692
ENSG0000019559	VPS26A	VPS26, retromer	ENSG0000019559	47.91482	-0.32969	0.892982	-0.3692
ENSG0000010272316			ENSG0000010272316	3.385139	-1.07703	2.917394	-0.36917
ENSG0000010204990			ENSG0000010204990	3.385139	-1.07703	2.917394	-0.36917
ENSG0000010279495			ENSG0000010279495	3.385139	-1.07703	2.917394	-0.36917
ENSG00000110273	STUB1	STIP1 homology	ENSG00000110273	3.385139	-1.07703	2.917394	-0.36917
ENSG0000010261056			ENSG0000010261056	3.385139	-1.07703	2.917394	-0.36917
ENSG00000183876	MRO	maestro	ENSG00000183876	3.385139	-1.07703	2.917394	-0.36917
ENSG00000158492	ZNF77	zinc finger	ENSG00000158492	3.385139	-1.07703	2.917394	-0.36917
ENSG000001140831	ZSWIM3	zinc finger	ENSG000001140831	3.385139	-1.07703	2.917394	-0.36917
ENSG0000018560	DEGS1	delta 4-desferrioxamine	ENSG0000018560	34.96421	-0.37361	1.012184	-0.36912
ENSG0000015710	PSMD4	proteasome	ENSG0000015710	88.08805	0.272006	0.737073	0.369036
ENSG0000010279179			ENSG0000010279179	2.336537	1.304229	3.53535	0.368911
ENSG00000111004	KIF2C	kinesin family	ENSG00000111004	2.336537	1.304229	3.53535	0.368911
ENSG000001729085	FAM198A	family with	ENSG000001729085	2.336537	1.304229	3.53535	0.368911
ENSG0000012203	FBP1	fructose-bisphosphate	ENSG0000012203	2.336537	1.304229	3.53535	0.368911
ENSG0000010261528			ENSG0000010261528	2.336537	1.304229	3.53535	0.368911
ENSG0000010197813			ENSG0000010197813	2.336537	1.304229	3.53535	0.368911
ENSG00000154821	ERCC6L	ERCC excision	ENSG00000154821	2.336537	1.304229	3.53535	0.368911
ENSG0000011975	EIF4B	eukaryotic	ENSG0000011975	497.3111	0.197616	0.535701	0.368891
ENSG00000129086	BABAM1	BRISC and	ENSG00000129086	10.62035	-0.63135	1.711744	-0.36883
ENSG00000151319	RSRC1	arginine	ENSG00000151319	24.29156	0.420522	1.140565	0.368697
ENSG0000017162	TPBG	trophoblast	ENSG0000017162	5.879005	-0.81991	2.224668	-0.36855

ENSG0000I	ENSG0000I	2984	GUCY2C	guanylate c	ENSG0000I	5.879005	-0.81991	2.224668	-0.36855
ENSG0000I	ENSG0000I	100132341	CLUHP3	clustered n	ENSG0000I	5.879005	-0.81991	2.224668	-0.36855
ENSG0000I	ENSG0000I	375133	PI4KAP2	phosphatic	ENSG0000I	5.879005	-0.81991	2.224668	-0.36855
ENSG0000I	ENSG0000I	9330	GTF3C3	general tra	ENSG0000I	41.93158	0.339331	0.920918	0.368471
ENSG0000I	ENSG0000I	54939	COMMD4	COMM dor	ENSG0000I	12.18214	0.568416	1.543978	0.36815
ENSG0000I	ENSG0000I	1184	CLCN5	chloride vc	ENSG0000I	12.18214	0.568416	1.543978	0.36815
ENSG0000I	ENSG0000I	84668	FAM126A	family with	ENSG0000I	69.58382	-0.29382	0.798201	-0.3681
ENSG0000I	ENSG0000I	23042	PDXDC1	pyridoxal d	ENSG0000I	92.97482	-0.26626	0.723827	-0.36785
ENSG0000I	ENSG0000I	5515	PPP2CA	protein ph	ENSG0000I	91.83755	0.263727	0.716946	0.367848
ENSG0000I	ENSG0000I	1434	CSE1L	chromosor	ENSG0000I	57.93004	0.302489	0.822617	0.367716
ENSG0000I	ENSG0000I	5467	PPARD	peroxisom	ENSG0000I	12.86154	-0.56505	1.536822	-0.36767
ENSG0000I	ENSG0000I	126298	IRGQ	immunity r	ENSG0000I	71.62387	-0.28842	0.784775	-0.36752
ENSG0000I	ENSG0000I	9321	TRIP11	thyroid hor	ENSG0000I	118.4448	-0.24784	0.674482	-0.36746
ENSG0000I	ENSG0000I	7041	TGFB111	transformi	ENSG0000I	10.5751	-0.61764	1.681255	-0.36737
ENSG0000I	ENSG00000279010				ENSG0000I	10.5751	-0.61764	1.681255	-0.36737
ENSG0000I	ENSG0000I	27161	AGO2	argonate	ENSG0000I	114.3031	-0.25189	0.685688	-0.36736
ENSG0000I	ENSG0000I	1519	CTSO	cathepsin (	ENSG0000I	29.57577	0.386485	1.052224	0.367303
ENSG0000I	ENSG0000I	205251	MTLN	mitoreguli	ENSG0000I	12.90052	-0.56785	1.546306	-0.36723
ENSG0000I	ENSG00000267361				ENSG0000I	5.901631	-0.83181	2.265844	-0.36711
ENSG0000I	ENSG0000I	9774	BCLAF1	BCL2 assoc	ENSG0000I	145.9222	-0.23419	0.637983	-0.36708
ENSG0000I	ENSG0000I	390927	ZNF793	zinc finger	ENSG0000I	15.67269	0.50594	1.378643	0.366984
ENSG0000I	ENSG0000I	285237	C3orf38	chromosor	ENSG0000I	18.96837	0.475293	1.296393	0.366627
ENSG0000I	ENSG0000I	280	AMY2B	amylase, a|	ENSG0000I	24.00214	-0.42888	1.169924	-0.36659
ENSG0000I	ENSG0000I	90390	MED30	mediator c	ENSG0000I	4.000727	0.921434	2.514709	0.366418
ENSG0000I	ENSG0000I	79798	ARMC5	armadillo r	ENSG0000I	4.000727	0.921434	2.514709	0.366418
ENSG0000I	ENSG0000I	79837	PIP4K2C	phosphatic	ENSG0000I	19.57506	-0.46718	1.275243	-0.36635
ENSG0000I	ENSG0000I	7332	UBE2L3	ubiquitin c	ENSG0000I	72.22534	0.280308	0.765163	0.366338
ENSG0000I	ENSG0000I	23261	CAMTA1	calmodulin	ENSG0000I	34.89896	0.361389	0.986815	0.366218
ENSG0000I	ENSG0000I	83667	SESN2	sestrin 2	ENSG0000I	5.60332	0.788636	2.155775	0.365825
ENSG0000I	ENSG0000I	163859	SDE2	SDE2 telor	ENSG0000I	32.73309	-0.37687	1.030386	-0.36575
ENSG0000I	ENSG0000I	441869	ANKRD65	ankyrin reç	ENSG0000I	2.37551	1.293354	3.536605	0.365705
ENSG0000I	ENSG0000I	8464	SUPT3H	SPT3 homc	ENSG0000I	2.37551	1.293354	3.536605	0.365705
ENSG0000I	ENSG0000I	193629	LINC00189	long interg	ENSG0000I	2.37551	1.293354	3.536605	0.365705
ENSG0000I	ENSG0000I	22938	SNW1	SNW doma	ENSG0000I	47.30002	0.322129	0.881184	0.365564
ENSG0000I	ENSG0000I	57524	CASKIN1	CASK inter:	ENSG0000I	3.832281	1.067647	2.921507	0.365444
ENSG0000I	ENSG0000I	64423	INF2	inverted fo	ENSG0000I	26.11792	0.405112	1.109009	0.365292
ENSG0000I	ENSG0000I	7541	ZBTB14	zinc finger	ENSG0000I	13.96952	0.524711	1.436671	0.365227
ENSG0000I	ENSG0000I	4502	MT2A	metallothi	ENSG0000I	37.67805	-0.39727	1.087778	-0.36521
ENSG0000I	ENSG0000I	54542	RC3H2	ring finger	ENSG0000I	152.1983	-0.23053	0.631257	-0.36519
ENSG0000I	ENSG0000I	84445	LZTS2	leucine zip	ENSG0000I	30.53086	-0.38634	1.058035	-0.36515
ENSG0000I	ENSG0000I	6301	SARS	seryl-tRNA	ENSG0000I	88.33065	0.263405	0.721412	0.365124
ENSG0000I	ENSG0000I	54468	MIOS	meiosis reç	ENSG0000I	33.15054	0.36803	1.008008	0.365106
ENSG0000I	ENSG0000I	9399	STOML1	stomatin li	ENSG0000I	12.28271	0.554271	1.518947	0.364905
ENSG0000I	ENSG0000I	5082	PDCL	phosducin	ENSG0000I	15.08639	-0.52156	1.430118	-0.3647
ENSG0000I	ENSG0000I	399909	PCNX3	pecanex 3	ENSG0000I	17.33387	-0.49391	1.354561	-0.36463
ENSG0000I	ENSG0000I	5189	PEX1	peroxisom	ENSG0000I	41.94793	0.340305	0.933488	0.364553
ENSG0000I	ENSG0000I	283635	FAM177A1	family with	ENSG0000I	47.88592	-0.32619	0.895094	-0.36442

ENSG0000023530	NNT	nicotinami	ENSG00000596.2043	0.20218	0.554941	0.364327
ENSG0000084135	UTP15	UTP15, sm	ENSG0000019.55872	-0.46898	1.287386	-0.36429
ENSG000008704	B4GALT2	beta-1,4-ga	ENSG0000024.14168	-0.43713	1.200164	-0.36423
ENSG000005073	PARN	poly(A)-spe	ENSG0000037.04324	-0.35983	0.988048	-0.36419
ENSG000007259	TSPYL1	TSPY like 1	ENSG00000103.4152	-0.25429	0.698447	-0.36407
ENSG0000023770	FKBP8	FK506 bind	ENSG0000066.80159	0.288101	0.791576	0.363959
ENSG0000084993	UBL7	ubiquitin li	ENSG0000022.64371	0.427046	1.173702	0.363845
ENSG00000727936	GXYLT2	glucoside x	ENSG0000028.73092	-0.4198	1.153994	-0.36378
ENSG00000734	OSGIN2	oxidative s	ENSG0000019.16951	0.456776	1.256087	0.36365
ENSG0000080817	CEP44	centrosom	ENSG0000026.14054	0.401457	1.103967	0.363649
ENSG000006596	HLTF	helicase lik	ENSG0000050.28928	-0.32949	0.906305	-0.36355
ENSG000003021	H3F3B	H3 histone	ENSG00000185.4817	0.218623	0.601858	0.363247
ENSG0000023151	GRAMD4	GRAM don	ENSG0000050.12711	-0.32376	0.891286	-0.36325
ENSG000005499	PPP1CA	protein ph	ENSG0000042.01581	0.334001	0.919536	0.363228
ENSG000009277	WDR46	WD repeat	ENSG0000017.35649	-0.49803	1.37119	-0.36321
ENSG000002782	GNB1	G protein s	ENSG00000176.018	-0.22831	0.628877	-0.36305
ENSG000005564	PRKAB1	protein kin	ENSG0000012.82257	-0.56224	1.548715	-0.36304
ENSG00000124801	LSM12	LSM12 hon	ENSG0000012.82257	-0.56224	1.548715	-0.36304
ENSG0000023557	SNAPIN	SNAP asso	ENSG0000027.84998	0.392544	1.081805	0.362861
ENSG000005537	PPP6C	protein ph	ENSG0000072.28066	0.279951	0.771774	0.362737
ENSG0000057088	PLSCR4	phospholi	ENSG0000035.03209	-0.37947	1.046256	-0.36269
ENSG0000050863	NTM	neurotrimi	ENSG000003.608906	-1.17649	3.244555	-0.36261
ENSG00000100506142	LOC100506142	uncharacte	ENSG000005.85638	-0.8075	2.227405	-0.36253
ENSG00000730091	LINC00886	long interg	ENSG000005.85638	-0.8075	2.227405	-0.36253
ENSG00000279555			ENSG000005.85638	-0.8075	2.227405	-0.36253
ENSG00000100506469	TMEM147	TMEM147	ENSG000005.85638	-0.8075	2.227405	-0.36253
ENSG0000011238	CA5B	carbonic ar	ENSG000005.85638	-0.8075	2.227405	-0.36253
ENSG00000221960	CCZ1B	CCZ1 hom	ENSG000007.26751	0.694419	1.917019	0.362239
ENSG00000388650	DIPK1A	divergent p	ENSG000007.244885	0.710325	1.961079	0.362212
ENSG0000010791	VAMP5	vesicle ass	ENSG000007.244885	0.710325	1.961079	0.362212
ENSG00000339834	CCDC36	coiled-coil	ENSG000007.244885	0.710325	1.961079	0.362212
ENSG0000057551	TAOK1	TAO kinase	ENSG00000266.7122	-0.20772	0.573589	-0.36214
ENSG0000054585	LZTFL1	leucine zip	ENSG0000012.83892	-0.55926	1.544611	-0.36207
ENSG0000025792	CIZ1	CDKN1A in	ENSG0000064.92291	-0.29113	0.804183	-0.36201
ENSG00000131965	METTL6	methyltrar	ENSG000008.931701	0.634656	1.753178	0.362003
ENSG000005119	CHMP1A	charged m	ENSG0000028.66932	-0.41572	1.148433	-0.36199
ENSG00000211598			ENSG000003.553586	-1.17089	3.23495	-0.36195
ENSG00000940	CD28	CD28 mole	ENSG000003.553586	-1.17089	3.23495	-0.36195
ENSG0000055917	CTTNBP2N	CTTNBP2 N	ENSG0000045.60575	-0.32797	0.906616	-0.36175
ENSG00000101928377	LOC101928377	uncharacte	ENSG0000018.95582	0.491122	1.358035	0.361641
ENSG000005000	ORC4	origin reco	ENSG0000031.34681	0.375178	1.037612	0.361579
ENSG00000331	XIAP	X-linked in	ENSG0000073.44644	-0.27897	0.771563	-0.36157
ENSG000009812	DELE1	DAP3 bindi	ENSG0000095.55814	0.257882	0.713272	0.361548
ENSG000005437	POLR2H	RNA polym	ENSG0000012.8452	-0.56781	1.570947	-0.36145
ENSG000008411	EEA1	early endo	ENSG00000103.292	-0.25195	0.69771	-0.36111
ENSG000005322	PLA2G5	phospholi	ENSG0000067.39794	-0.29505	0.817348	-0.36098
ENSG000002272	FHIT	fragile hist	ENSG0000010.55247	-0.61062	1.691931	-0.3609

ENSG00000183742	MARVELD1	MARVEL do	ENSG0000010.55247	-0.61062	1.691931	-0.3609
ENSG0000016617	SNAPC1	small nucle	ENSG0000010.55247	-0.61062	1.691931	-0.3609
ENSG00000164393	ZMAT3	zinc finger	ENSG00000154.47219	0.305839	0.847845	0.360725
ENSG0000014660	PPP1R12B	protein ph	ENSG0000012632.894	-0.19639	0.544521	-0.36067
ENSG0000015635	PRPSAP1	phosphorit	ENSG00000124.41475	0.409373	1.135406	0.360552
ENSG000001145173	B3GLCT	beta 3-gluc	ENSG00000147.38424	0.317446	0.880809	0.360403
ENSG0000018460	TPST1	tyrosylprot	ENSG00000110.5135	-0.60731	1.685319	-0.36036
ENSG000001286097	MICU3	mitochond	ENSG00000110.5135	-0.60731	1.685319	-0.36036
ENSG00000149856	WRAP73	WD repeat	ENSG0000017.16694	0.718787	1.994773	0.360335
ENSG00000122845	DOLK	dolichol kir	ENSG0000017.16694	0.718787	1.994773	0.360335
ENSG00000127315	PGAP2	post-GPI at	ENSG00000113.98587	0.529573	1.469911	0.360276
ENSG000001729218	LOC729218	uncharacte	ENSG00000110.61852	0.582981	1.618776	0.360137
ENSG00000184947	SERAC1	serine acti	ENSG00000110.61852	0.582981	1.618776	0.360137
ENSG0000011154	CISH	cytokine in	ENSG00000122.08148	-0.47983	1.333303	-0.35988
ENSG0000015430	POLR2A	RNA polym	ENSG000001118.0426	-0.24184	0.672127	-0.35981
ENSG0000012800	GOLGA1	golgin A1	ENSG00000147.40059	0.318286	0.884642	0.359791
ENSG00000184319	CMSS1	cms1 ribos	ENSG00000121.71569	-0.43912	1.220568	-0.35977
ENSG0000011477	CSTF1	cleavage st	ENSG00000121.69934	-0.44074	1.225528	-0.35964
ENSG00000137	ACADVL	acyl-CoA d	ENSG000001823.8336	0.18259	0.507759	0.359599
ENSG00000151773	RSF1	remodelinç	ENSG000001103.2304	-0.25078	0.697404	-0.35959
ENSG00000179925	SPEF2	sperm flag	ENSG0000013.362514	-1.05609	2.937044	-0.35958
ENSG000001728723	ZBED3-AS1	ZBED3 anti	ENSG0000013.362514	-1.05609	2.937044	-0.35958
ENSG0000011030	CDKN2B	cyclin depe	ENSG0000013.362514	-1.05609	2.937044	-0.35958
ENSG000001493900	TMEM9B- <i>A</i>	TMEM9B a	ENSG0000013.362514	-1.05609	2.937044	-0.35958
ENSG000001374387	DKFZp779f	uncharacte	ENSG0000013.362514	-1.05609	2.937044	-0.35958
ENSG0000016790	AURKA	aurora kin	ENSG0000013.362514	-1.05609	2.937044	-0.35958
ENSG00000123099	ZBTB43	zinc finger	ENSG00000164.85503	-0.28792	0.801072	-0.35942
ENSG00000110773	ZBTB6	zinc finger	ENSG00000114.03112	0.514837	1.432969	0.35928
ENSG0000015612	THAP12	THAP dom	ENSG00000145.59686	0.321594	0.895141	0.359266
ENSG00000111185	INMT	indolethyl	ENSG00000177.7566	-0.27616	0.768879	-0.35917
ENSG00000181619	TSPAN14	tetraspanir	ENSG00000182.18995	-0.27644	0.769988	-0.35902
ENSG00000155703	POLR3B	RNA polym	ENSG00000115.02479	-0.51419	1.433457	-0.35871
ENSG0000017150	TOP1	DNA topoi	ENSG00000145.54415	-0.32541	0.907555	-0.35855
ENSG0000012766	GMPR	guanosine	ENSG00000156.25958	0.302729	0.84433	0.358544
ENSG00000123177	CEP68	centrosom	ENSG00000156.2699	-0.3012	0.840361	-0.35842
ENSG00000150626	CYHR1	cysteine ar	ENSG00000123.87894	-0.4194	1.170516	-0.3583
ENSG0000019025	RNF8	ring finger	ENSG00000121.75466	-0.44096	1.231036	-0.3582
ENSG0000013708	ITPR1	inositol 1,4	ENSG00000190.36443	0.256315	0.715961	0.358002
ENSG0000018550	MAPKAPK5	mitogen-a	ENSG00000132.59354	-0.37077	1.035864	-0.35793
ENSG000001253980	KCTD13	potassium	ENSG0000015.817408	-0.80193	2.240718	-0.35789
ENSG00000151195	RAPGEFL1	Rap guanir	ENSG0000015.817408	-0.80193	2.240718	-0.35789
ENSG00000154828	BCAS3	BCAS3, mic	ENSG00000136.75422	0.346772	0.969256	0.357771
ENSG0000011213	CLTC	clathrin he	ENSG000001344.4547	0.195005	0.545082	0.357754
ENSG000001644554	LOC644554	uncharacte	ENSG00000112.87789	-0.56227	1.571695	-0.35775
ENSG00000110469	TIMM44	translocas	ENSG00000128.28339	-0.39213	1.096138	-0.35774
ENSG00000192345	NAF1	nuclear ass	ENSG0000018.204425	-0.67925	1.899069	-0.35768
ENSG00000156834	GPR137	G protein- α	ENSG0000018.204425	-0.67925	1.899069	-0.35768

ENSG0000013329	HSPD1	heat shock	ENSG000001144.26	0.228605	0.639167	0.35766
ENSG0000016560	SLC12A4	solute carr	ENSG00000179.7225	-0.26823	0.750079	-0.3576
ENSG0000013782	KCNN3	potassium	ENSG00000118.87159	0.502964	1.407556	0.357331
ENSG00000151117	COQ4	coenzyme	ENSG00000119.20849	0.454745	1.27269	0.35731
ENSG000001645	BLVRB	biliverdin r	ENSG00000126.12419	0.3994	1.117869	0.357287
ENSG000001334	APLP2	amyloid be	ENSG000001407.7372	0.190533	0.533318	0.357259
ENSG0000018349	HIST2H2BE	histone clu	ENSG00000193.45504	-0.27525	0.770498	-0.35724
ENSG00000154875	CNTLN	centlein	ENSG00000120.97952	0.431831	1.209202	0.357121
ENSG000001158747	MOSPD2	motile spe	ENSG00000120.97952	0.431831	1.209202	0.357121
ENSG00000151128	SAR1B	secretion a	ENSG000001110.1451	0.242796	0.680332	0.35688
ENSG00000111046	SLC35D2	solute carr	ENSG00000117.50532	0.465246	1.303677	0.356872
ENSG0000011896	EDA	ectodyspla	ENSG00000117.50532	0.465246	1.303677	0.356872
ENSG00000153344	CHIC1	cysteine ric	ENSG00000121.85523	-0.44821	1.256298	-0.35677
ENSG00000183932	SPRTN	SprT-like N	ENSG00000112.77732	-0.55064	1.543992	-0.35663
ENSG00000157826	RAP2C	RAP2C, me	ENSG00000135.04478	0.351065	0.984411	0.356625
ENSG000001112936	VPS26B	VPS26, retr	ENSG00000147.66215	-0.31788	0.891349	-0.35662
ENSG00000157192	MCOLN1	mucolipin	ENSG0000017.228537	0.698434	1.959348	0.356462
ENSG00000184190	METTL25	methyltrar	ENSG00000117.46635	0.467304	1.311501	0.356312
ENSG0000014520	MTF1	metal regu	ENSG00000126.22071	-0.41224	1.15808	-0.35597
ENSG00000184522	JAGN1	jagunal ho	ENSG0000018.165453	-0.67514	1.898423	-0.35563
ENSG00000179684	MSANTD2	Myb/SANT	ENSG0000018.165453	-0.67514	1.898423	-0.35563
ENSG0000016715	SRD5A1	steroid 5 al	ENSG0000015.664918	0.762607	2.144384	0.35563
ENSG000001113878	DTX2	deltex E3 u	ENSG0000015.664918	0.762607	2.144384	0.35563
ENSG00000123639	LRRC6	leucine ric	ENSG0000015.664918	0.762607	2.144384	0.35563
ENSG0000014729	NDUFV2	NADH:ubic	ENSG0000015.664918	0.762607	2.144384	0.35563
ENSG0000017398	USP1	ubiquitin s	ENSG00000143.91004	0.32194	0.905745	0.355442
ENSG00000157648	KIAA1522	KIAA1522	ENSG00000110.59144	-0.61429	1.729753	-0.35513
ENSG0000011039	CDR2	cerebellar	ENSG00000110.49087	-0.60022	1.691027	-0.35494
ENSG00000123710	GABARAPL	GABA type	ENSG000001337.7411	-0.19568	0.551516	-0.35481
ENSG0000019879	DDX46	DEAD-box	ENSG00000171.22787	-0.28011	0.789459	-0.35481
ENSG00000155901	THSD1	thrombosp	ENSG00000112.73835	-0.54785	1.54413	-0.3548
ENSG000001388630	TRABD2B	TraB doma	ENSG0000013.323542	-1.04684	2.951063	-0.35473
ENSG0000010270742			ENSG0000013.323542	-1.04684	2.951063	-0.35473
ENSG0000011359	CPA3	carboxype	ENSG0000013.323542	-1.04684	2.951063	-0.35473
ENSG00000130834	ZNRD1	zinc ribbon	ENSG0000013.323542	-1.04684	2.951063	-0.35473
ENSG00000155472	RBM12B-A	RBM12B ar	ENSG0000013.323542	-1.04684	2.951063	-0.35473
ENSG00000193081	TEX30	testis expr	ENSG0000013.323542	-1.04684	2.951063	-0.35473
ENSG00000179729	SH3D21	SH3 domai	ENSG0000014.062325	0.883855	2.491719	0.354717
ENSG00000151478	HSD17B7	hydroxyste	ENSG0000014.062325	0.883855	2.491719	0.354717
ENSG00000154627	MAP10	microtubul	ENSG0000014.062325	0.883855	2.491719	0.354717
ENSG00000185025	TMEM60	transmeml	ENSG0000014.062325	0.883855	2.491719	0.354717
ENSG000001340351	AGBL3	ATP/GTP b	ENSG0000014.062325	0.883855	2.491719	0.354717
ENSG000001168544	ZNF467	zinc finger	ENSG0000014.062325	0.883855	2.491719	0.354717
ENSG00000129095	ORMDL2	ORMDL spl	ENSG0000014.062325	0.883855	2.491719	0.354717
ENSG0000010261505			ENSG0000014.062325	0.883855	2.491719	0.354717
ENSG0000010215447			ENSG0000014.062325	0.883855	2.491719	0.354717
ENSG00000179158	GNPTAB	N-acetylglu	ENSG00000197.57557	0.251181	0.708339	0.354606

ENSG0000019969	MED13	mediator c	ENSG00000185.6664	-0.21646	0.610457	-0.35458
ENSG0000015049	PAFAH1B2	platelet ac	ENSG00000106.5766	0.243209	0.68592	0.354573
ENSG00000179598	CEP97	centrosom	ENSG00000123.85632	-0.41629	1.174536	-0.35443
ENSG00000116957			ENSG00000126.26374	0.39112	1.104002	0.354275
ENSG00000123405	DICER1	dicer 1, rib	ENSG000001155.2558	0.221256	0.62489	0.354072
ENSG0000016732	SRPK1	SRSF prote	ENSG00000135.0674	0.348461	0.984628	0.353901
ENSG0000017095	SEC62	SEC62 horr	ENSG000001111.4686	-0.24115	0.681402	-0.3539
ENSG00000123469	PHF3	PHD finger	ENSG000001183.7621	-0.21967	0.620912	-0.35378
ENSG00000184524	ZC3H8	zinc finger	ENSG00000115.04114	-0.5117	1.446615	-0.35373
ENSG000001201725	C4orf46	chromosor	ENSG0000015.794782	-0.78938	2.231811	-0.3537
ENSG0000012296	FOXC1	forkhead b	ENSG0000015.794782	-0.78938	2.231811	-0.3537
ENSG00000151101	ZC2HC1A	zinc finger	ENSG0000015.794782	-0.78938	2.231811	-0.3537
ENSG0000017564	ZNF16	zinc finger	ENSG0000015.794782	-0.78938	2.231811	-0.3537
ENSG000001196294	IMMP1L	inner mito	ENSG0000015.794782	-0.78938	2.231811	-0.3537
ENSG0000010256139			ENSG0000015.794782	-0.78938	2.231811	-0.3537
ENSG0000017566	ZNF18	zinc finger	ENSG0000015.794782	-0.78938	2.231811	-0.3537
ENSG0000017620	ZNF69	zinc finger	ENSG0000015.794782	-0.78938	2.231811	-0.3537
ENSG0000015089	PBX2	PBX homec	ENSG00000145.72005	0.315715	0.892758	0.35364
ENSG00000125962	VIRMA	vir like m6	ENSG00000161.79646	0.28562	0.807899	0.353534
ENSG000001200010	SLC5A9	solute carr	ENSG0000015.840033	-0.8137	2.301976	-0.35348
ENSG0000016787	NEK4	NIMA relat	ENSG00000132.50932	-0.365	1.033332	-0.35322
ENSG00000122916	NCBP2	nuclear caç	ENSG00000139.10592	-0.34814	0.985738	-0.35318
ENSG0000015300	PIN1	peptidylpr	ENSG00000124.4927	0.406074	1.150264	0.353027
ENSG000001116068	LYSMD3	LysM dom	ENSG00000133.22849	0.365215	1.034657	0.352982
ENSG0000014867	NPHP1	nephrocyst	ENSG00000110.68011	0.569844	1.615342	0.35277
ENSG00000123236	PLCB1	phospholiç	ENSG00000128.26076	-0.38957	1.104945	-0.35257
ENSG00000154981	NMRK1	nicotinami	ENSG0000018.993299	0.61877	1.756041	0.352366
ENSG000001124359	CDYL2	chromodor	ENSG0000018.993299	0.61877	1.756041	0.352366
ENSG0000015034	P4HB	prolyl 4-hy	ENSG000001175.1659	0.214666	0.609322	0.352302
ENSG00000151299	NRN1	neuritin 1	ENSG0000017.329108	0.674719	1.915376	0.352265
ENSG000001100506233	RAB30-AS1	RAB30 anti	ENSG0000017.329108	0.674719	1.915376	0.352265
ENSG00000110946	SF3A3	splicing fac	ENSG00000138.62583	0.334784	0.950386	0.352261
ENSG00000151434	ANAPC7	anaphase ç	ENSG00000131.43103	0.368006	1.044729	0.35225
ENSG00000156951	C5orf15	chromosor	ENSG00000158.26066	0.289478	0.822226	0.352066
ENSG00000155157	DARS2	aspartyl-tR	ENSG00000128.03478	0.378036	1.074366	0.351869
ENSG000001253260	RICTOR	RPTOR ind	ENSG000001131.8941	0.228458	0.649335	0.351833
ENSG0000016626	SNRPA	small nucle	ENSG00000114.05375	0.507451	1.44263	0.351754
ENSG0000017918	GPANK1	G-patch do	ENSG00000119.29271	0.442539	1.258544	0.351627
ENSG0000018563	THOC5	THO compl	ENSG00000141.1724	-0.3324	0.945474	-0.35157
ENSG000001113201	CASC4	cancer sus	ENSG00000170.80754	0.270742	0.77025	0.351499
ENSG00000192689	FAM114A1	family with	ENSG00000136.86852	-0.34691	0.98799	-0.35113
ENSG00000178987	CRELD1	cysteine ric	ENSG00000138.23741	0.365382	1.040794	0.35106
ENSG00000110456	HAX1	HCLS1 assc	ENSG00000194.10137	0.250904	0.714831	0.350997
ENSG000001153733	CCDC112	coiled-coil	ENSG0000017.290135	0.678531	1.934145	0.350817
ENSG0000013087	HHEX	hematopoi	ENSG0000017.290135	0.678531	1.934145	0.350817
ENSG00000155850	USE1	unconvent	ENSG0000017.290135	0.678531	1.934145	0.350817
ENSG00000180184	CEP290	centrosom	ENSG00000128.16019	-0.384	1.094747	-0.35077

ENSG0000023063	WAPL	WAPL cohesin	ENSG0000023063	83.77998	-0.25952	0.74	-0.35071
ENSG0000084250	SLF1	SMC5-SMC4	ENSG0000084250	17.20439	-0.47452	1.353227	-0.35066
ENSG00000440	ASNS	asparagine aminotransferase	ENSG00000440	8.142827	-0.66605	1.899764	-0.35059
ENSG0000023166	STAB1	stabilin 1	ENSG0000023166	121.757	0.605566	1.727422	0.35056
ENSG0000055827	DCAF6	DDB1 and associated factors	ENSG0000055827	329.8589	0.210731	0.60151	0.350337
ENSG000005764	PTN	pleiotrophin	ENSG000005764	41.37602	-0.34761	0.992414	-0.35026
ENSG0000010454	TAB1	TGF-beta activated kinase 1	ENSG0000010454	25.95797	-0.3958	1.130128	-0.35022
ENSG0000028337	ZNF740	zinc finger protein 740	ENSG0000028337	30.32972	-0.37602	1.074901	-0.34982
ENSG00000258297			ENSG00000258297	5.924256	-0.84204	2.408057	-0.34968
ENSG000006128	RPL6	ribosomal protein L6	ENSG000006128	285.0738	0.198459	0.567626	0.349631
ENSG000005909	RAP1GAP	RAP1 GTPase activating protein	ENSG000005909	5.833755	-0.79531	2.27606	-0.34942
ENSG000007414	VCL	vinculin	ENSG000007414	511.6509	0.181944	0.520734	0.349399
ENSG00000211897			ENSG00000211897	15.22397	-1.76852	5.061678	-0.34939
ENSG0000023030	KDM4B	lysine demethylase 4B	ENSG0000023030	41.31194	-0.33754	0.966499	-0.34924
ENSG0000056905	C15orf39	chromosome 15 open reading frame 39	ENSG0000056905	19.27636	0.439322	1.258036	0.349213
ENSG0000080862	ZNRD1ASP	zinc ribbon domain containing 1	ENSG0000080862	14.97954	-0.50425	1.444025	-0.3492
ENSG0000023053	ZSWIM8	zinc finger protein 8	ENSG0000023053	47.52261	-0.31349	0.898248	-0.349
ENSG0000011098	PRSS23	serine protease 23	ENSG0000011098	28.29974	-0.39117	1.121157	-0.3489
ENSG0000050511	SYCP3	synaptonemal complex protein 3	ENSG0000050511	10.42927	-0.58976	1.691584	-0.34864
ENSG00000140460	ASB7	ankyrin repeat domain containing 7	ENSG00000140460	10.42927	-0.58976	1.691584	-0.34864
ENSG00000185495			ENSG00000185495	3.300916	-1.02545	2.942241	-0.34853
ENSG00000279312			ENSG00000279312	3.300916	-1.02545	2.942241	-0.34853
ENSG00000254343			ENSG00000254343	3.300916	-1.02545	2.942241	-0.34853
ENSG0000056948	SDR39U1	short chain alcohol dehydrogenase 39U1	ENSG0000056948	3.300916	-1.02545	2.942241	-0.34853
ENSG00000100505648	RAD51-AS1	RAD51 anti-sense 1	ENSG00000100505648	3.300916	-1.02545	2.942241	-0.34853
ENSG00000280067			ENSG00000280067	3.300916	-1.02545	2.942241	-0.34853
ENSG00000267799			ENSG00000267799	4.0397	0.915169	2.625909	0.348515
ENSG0000063971	KIF13A	kinesin family class I member 13A	ENSG0000063971	241.3244	0.209423	0.601277	0.348298
ENSG000007543	ZFX	zinc finger protein 754	ENSG000007543	75.2112	-0.26592	0.763511	-0.34828
ENSG000006836	SURF4	surfeit 4	ENSG000006836	92.19667	-0.2501	0.718089	-0.34828
ENSG00000337873	HIST2H2BC	histone cluster 2, H2B class C	ENSG00000337873	9.015924	0.606378	1.741522	0.348188
ENSG0000051302	CYP39A1	cytochrome P450 39A1	ENSG0000051302	9.015924	0.606378	1.741522	0.348188
ENSG0000079096	C11orf49	chromosome 11 open reading frame 49	ENSG0000079096	12.67675	-0.53917	1.549524	-0.34796
ENSG0000022880	MORC2	MORC family class 2 member 2	ENSG0000022880	36.9037	-0.35411	1.018934	-0.34753
ENSG0000051673	TPPP3	tubulin polymerase 3	ENSG0000051673	10.63486	0.589475	1.696563	0.347452
ENSG00000237807			ENSG00000237807	26.30899	0.383897	1.105674	0.347206
ENSG0000084437	MSANTD4	Myb/SANT domain containing 4	ENSG0000084437	40.49116	0.327124	0.942163	0.347205
ENSG0000080856	LNPK	lunapark, essential for meiosis	ENSG0000080856	71.02045	-0.27413	0.789554	-0.3472
ENSG000001513	CTSK	cathepsin K	ENSG000001513	15.80216	0.477714	1.376696	0.347
ENSG00000140456	ASB11	ankyrin repeat domain containing 11	ENSG00000140456	101.1778	-0.25232	0.727291	-0.34693
ENSG0000022795	NID2	nidogen 2	ENSG0000022795	62.40642	-0.28171	0.81217	-0.34687
ENSG0000051004	COQ6	coenzyme Q6	ENSG0000051004	8.103855	-0.66191	1.908689	-0.34679
ENSG000003704	ITPA	inosine triphosphatase	ENSG000003704	8.103855	-0.66191	1.908689	-0.34679
ENSG0000054819	ZCCHC10	zinc finger protein 10	ENSG0000054819	14.11534	0.49766	1.435118	0.346773
ENSG000003996	LLGL1	LLGL1, scribble	ENSG000003996	14.11534	0.49766	1.435118	0.346773
ENSG000003984	LIMK1	LIM domain containing 1	ENSG000003984	14.13169	0.502514	1.449464	0.34669
ENSG0000010785	WDR4	WD repeat domain 4	ENSG0000010785	5.75581	-0.78368	2.261936	-0.34646

ENSG0000I	ENSG0000I	134265	AFAP1L1	actin filam	ENSG0000I	81.69024	0.255498	0.737449	0.346462
ENSG0000I	ENSG0000I	100861548	PINK1-AS	PINK1 anti	ENSG0000I	8.1818	-0.67046	1.935246	-0.34645
ENSG0000I	ENSG0000I	51506	UFC1	ubiquitin-f	ENSG0000I	22.85113	0.404853	1.168676	0.34642
ENSG0000I	ENSG0000I	8506	CNTNAP1	contactin a	ENSG0000I	12.80622	-0.56428	1.629155	-0.34636
ENSG0000I	ENSG0000I	196528	ARID2	AT-rich int	ENSG0000I	73.0316	-0.26735	0.772277	-0.34619
ENSG0000I	ENSG0000I	3588	IL10RB	interleukin	ENSG0000I	12.42853	0.523167	1.511311	0.346168
ENSG0000I	ENSG0000I	1657	DMXL1	Dmx like 1	ENSG0000I	130.3194	-0.22775	0.657924	-0.34616
ENSG0000I	ENSG0000I	3784	KCNQ1	potassium	ENSG0000I	14.9016	-0.49933	1.442899	-0.34606
ENSG0000I	ENSG0000I	411	ARSB	arylsulfata	ENSG0000I	33.40321	0.347602	1.004529	0.346035
ENSG0000I	ENSG0000I	3382	ICA1	islet cell au	ENSG0000I	45.7653	0.311939	0.901466	0.346035
ENSG0000I	ENSG0000I	100131755	ARMCX4	armadillo r	ENSG0000I	17.12645	-0.47016	1.358977	-0.34596
ENSG0000I	ENSG0000I	7423	VEGFB	vascular er	ENSG0000I	94.29204	-0.24741	0.715331	-0.34587
ENSG0000I	ENSG0000I	538	ATP7A	ATPase coç	ENSG0000I	30.22287	-0.36744	1.063835	-0.34539
ENSG0000I	ENSG0000I	6304	SATB1	SATB homε	ENSG0000I	121.8964	-0.23199	0.671746	-0.34535
ENSG0000I	ENSG0000I	84986	ARHGAP19	Rho GTPas	ENSG0000I	10.3903	-0.58643	1.69808	-0.34535
ENSG0000I	ENSG0000I	8621	CDK13	cyclin depe	ENSG0000I	66.62607	-0.27423	0.794053	-0.34535
ENSG0000I	ENSG0000I	25841	ABTB2	ankyrin reç	ENSG0000I	19.35431	0.435451	1.261089	0.345298
ENSG0000I	ENSG0000I	3727	JUND	JunD proto	ENSG0000I	39.14869	-0.3438	0.995691	-0.34529
ENSG0000I	ENSG0000I	64766	S100BPB	S100P bind	ENSG0000I	29.70524	0.372734	1.080256	0.345042
ENSG0000I	ENSG0000I	196410	METTL7B	methyltrar	ENSG0000I	15.68903	0.508849	1.475218	0.344931
ENSG0000I	ENSG0000I	113828	FAM83F	family with	ENSG0000I	12.65412	-0.53326	1.546021	-0.34493
ENSG0000I	ENSG0000I	9653	HS2ST1	heparan su	ENSG0000I	19.33796	0.432274	1.253504	0.344853
ENSG0000I	ENSG0000I	283267	LINC00294	long interg	ENSG0000I	5.625945	0.767743	2.227635	0.344645
ENSG0000I	ENSG0000I	0263219			ENSG0000I	5.625945	0.767743	2.227635	0.344645
ENSG0000I	ENSG0000I	93099	DMKN	dermokine	ENSG0000I	5.625945	0.767743	2.227635	0.344645
ENSG0000I	ENSG0000I	64343	AZI2	5-azacytidi	ENSG0000I	24.5216	0.396097	1.149323	0.344636
ENSG0000I	ENSG0000I	1781	DYNC1I2	dynein cyt	ENSG0000I	90.75664	0.24656	0.715749	0.344478
ENSG0000I	ENSG0000I	401264	TRAM2-AS	TRAM2 ant	ENSG0000I	5.564347	0.794952	2.307826	0.344459
ENSG0000I	ENSG0000I	27013	CNPPD1	cyclin Pas1	ENSG0000I	38.788	0.326705	0.948617	0.344401
ENSG0000I	ENSG0000I	5048	PAFAH1B1	platelet ac	ENSG0000I	202.144	-0.20719	0.601636	-0.34437
ENSG0000I	ENSG0000I	100302640	LINC00882	long interg	ENSG0000I	5.726516	0.736977	2.140149	0.344358
ENSG0000I	ENSG0000I	11341	SCRG1	stimulator	ENSG0000I	5.726516	0.736977	2.140149	0.344358
ENSG0000I	ENSG0000I	51547	SIRT7	sirtuin 7	ENSG0000I	5.726516	0.736977	2.140149	0.344358
ENSG0000I	ENSG0000I	2590	GALNT2	polypeptid	ENSG0000I	36.69	-0.34022	0.988048	-0.34434
ENSG0000I	ENSG0000I	9439	MED23	mediator c	ENSG0000I	36.69	-0.34022	0.988048	-0.34434
ENSG0000I	ENSG0000I	0273373			ENSG0000I	5.733184	-0.77106	2.239772	-0.34426
ENSG0000I	ENSG0000I	100129995	LINC01460	long interg	ENSG0000I	5.733184	-0.77106	2.239772	-0.34426
ENSG0000I	ENSG0000I	84246	MED10	mediator c	ENSG0000I	5.733184	-0.77106	2.239772	-0.34426
ENSG0000I	ENSG0000I	6618	SNAPC2	small nucle	ENSG0000I	5.733184	-0.77106	2.239772	-0.34426
ENSG0000I	ENSG0000I	90580	TIMM29	translocas	ENSG0000I	5.733184	-0.77106	2.239772	-0.34426
ENSG0000I	ENSG0000I	8555	CDC14B	cell divisio	ENSG0000I	54.84805	0.288921	0.839319	0.344232
ENSG0000I	ENSG0000I	23566	LPAR3	lysophospt	ENSG0000I	12.6931	-0.53612	1.558112	-0.34408
ENSG0000I	ENSG0000I	56180	MOSPD1	motile spe	ENSG0000I	12.6931	-0.53612	1.558112	-0.34408
ENSG0000I	ENSG0000I	51725	FBXO40	F-box prot	ENSG0000I	535.3035	-0.19819	0.576032	-0.34406
ENSG0000I	ENSG0000I	0273247			ENSG0000I	7.351733	0.658988	1.915407	0.344046
ENSG0000I	ENSG0000I	51523	CXXC5	CXXC finge	ENSG0000I	14.87897	-0.49431	1.436964	-0.344
ENSG0000I	ENSG0000I	81570	CLPB	ClpB homo	ENSG0000I	14.87897	-0.49431	1.436964	-0.344

ENSG0000I	ENSG0000I	9694	EMC2	ER membr	ENSG0000I	34.5431	-0.34655	1.00774	-0.34389
ENSG0000I	ENSG0000I	8418	CMAHP	cytidine m	ENSG0000I	36.6989	0.3471	1.009513	0.343829
ENSG0000I	ENSG0000I	10272	FSTL3	follistatin li	ENSG0000I	30.20025	-0.365	1.061755	-0.34377
ENSG0000I	ENSG0000I	9497	SLC4A7	solute carr	ENSG0000I	54.79273	0.289171	0.841307	0.343717
ENSG0000I	ENSG0000I	7415	VCP	valosin cor	ENSG0000I	372.3454	0.188855	0.549591	0.343629
ENSG0000I	ENSG0000I	51205	ACP6	acid phosp	ENSG0000I	17.25592	-0.48882	1.422623	-0.34361
ENSG0000I	ENSG0000I	10473	HMGNA4	high mobil	ENSG0000I	26.37059	0.378776	1.102818	0.343462
ENSG0000I	ENSG0000I	317762	CCDC85C	coiled-coil	ENSG0000I	30.27819	-0.36777	1.071458	-0.34324
ENSG0000I	ENSG0000I	23503	ZFYVE26	zinc finger	ENSG0000I	75.14333	-0.26318	0.766915	-0.34317
ENSG0000I	ENSG0000I	23254	KAZN	kazrin, peri	ENSG0000I	8.08123	-0.65274	1.902596	-0.34308
ENSG0000I	ENSG0000I	57175	CORO1B	coronin 1B	ENSG0000I	8.08123	-0.65274	1.902596	-0.34308
ENSG0000I	ENSG0000I	83714	NRIP2	nuclear rec	ENSG0000I	8.08123	-0.65274	1.902596	-0.34308
ENSG0000I	ENSG0000I	4858	NOVA2	NOVA alte	ENSG0000I	8.08123	-0.65274	1.902596	-0.34308
ENSG0000I	ENSG0000I	29102	DROSHA	drosha rib	ENSG0000I	60.18157	-0.28175	0.821675	-0.3429
ENSG0000I	ENSG0000I	6731	SRP72	signal reco	ENSG0000I	62.01016	0.275921	0.804713	0.342881
ENSG0000I	ENSG0000I	51207	DUSP13	dual specif	ENSG0000I	5.772157	-0.77683	2.265678	-0.34287
ENSG0000I	ENSG0000I	27348	TOR1B	torsin fami	ENSG0000I	15.86376	0.469042	1.368935	0.342633
ENSG0000I	ENSG0000I	1774	DNASE1L1	deoxyribor	ENSG0000I	15.86376	0.469042	1.368935	0.342633
ENSG0000I	ENSG0000I	1525	CXADR	CXADR, Ig-	ENSG0000I	49.71227	-0.3068	0.895675	-0.34254
ENSG0000I	ENSG0000I	5775	PTPN4	protein tyr	ENSG0000I	67.41129	0.269761	0.787591	0.342514
ENSG0000I	ENSG0000I	3836	KPNA1	karyopheri	ENSG0000I	66.6198	-0.27288	0.796743	-0.3425
ENSG0000I	ENSG0000I	1385	CREB1	cAMP resp	ENSG0000I	70.80675	-0.26694	0.779419	-0.34249
ENSG0000I	ENSG0000I	22904	SBNO2	strawberry	ENSG0000I	24.35943	0.409322	1.195297	0.342444
ENSG0000I	ENSG0000I	121665	SPPL3	signal pept	ENSG0000I	38.77165	0.32555	0.950847	0.342379
ENSG0000I	ENSG0000I	4245	MGAT1	mannosyl (	ENSG0000I	78.07649	0.258431	0.754983	0.342301
ENSG0000I	ENSG0000I	2618	GART	phosphorik	ENSG0000I	47.63691	0.303531	0.886749	0.342296
ENSG0000I	ENSG0000I	4240	MFGE8	milk fat glc	ENSG0000I	258.8208	-0.19725	0.576678	-0.34204
ENSG0000I	ENSG0000I	114926	SMIM19	small integ	ENSG0000I	14.94685	-0.50885	1.487671	-0.34204
ENSG0000I	ENSG0000I	57570	TRMT5	tRNA meth	ENSG0000I	10.36768	-0.57923	1.693619	-0.34201
ENSG0000I	ENSG0000I	84289	ING5	inhibitor of	ENSG0000I	26.0095	-0.40508	1.185392	-0.34173
ENSG0000I	ENSG0000I	4077	NBR1	NBR1, autc	ENSG0000I	197.639	-0.20523	0.600598	-0.3417
ENSG0000I	ENSG0000I	54893	MTMR10	myotubula	ENSG0000I	74.51807	0.261215	0.764714	0.341585
ENSG0000I	ENSG0000I	57460	PPM1H	protein ph	ENSG0000I	14.02484	0.525943	1.540865	0.34133
ENSG0000I	ENSG0000I	57711	ZNF529	zinc finger	ENSG0000I	25.91272	-0.39012	1.143009	-0.34131
ENSG0000I	ENSG0000I	64342	HS1BP3	HCLS1 binc	ENSG0000I	17.0812	-0.46142	1.352602	-0.34113
ENSG0000I	ENSG0000I	171546	SPTSSA	serine paln	ENSG0000I	17.0812	-0.46142	1.352602	-0.34113
ENSG0000I	ENSG0000I	84302	TMEM246	transmeml	ENSG0000I	38.52905	0.346875	1.016838	0.341132
ENSG0000I	ENSG0000I	391356	PTRHD1	peptidyl-tR	ENSG0000I	4.123923	0.847122	2.483282	0.34113
ENSG0000I	ENSG0000I	7483	WNT9A	Wnt family	ENSG0000I	8.976951	0.610058	1.788615	0.341078
ENSG0000I	ENSG0000I	56950	SMYD2	SET and M'	ENSG0000I	201.0605	0.202107	0.592587	0.341058
ENSG0000I	ENSG0000I	10477	UBE2E3	ubiquitin c	ENSG0000I	22.91273	0.398929	1.16978	0.341029
ENSG0000I	ENSG0000I	55325	UFSP2	UFM1 spec	ENSG0000I	22.89011	0.403067	1.18293	0.340736
ENSG0000I	ENSG0000I	80174	DBF4B	DBF4 zinc f	ENSG0000I	10.40665	-0.58265	1.71037	-0.34066
ENSG0000I	ENSG0000I	55823	VPS11	VPS11, COI	ENSG0000I	40.62063	0.317274	0.931392	0.340645
ENSG0000I	ENSG0000I	4124	MAN2A1	mannosida	ENSG0000I	40.31892	0.330868	0.971421	0.340602
ENSG0000I	ENSG0000I	9897	WASHC5	WASH com	ENSG0000I	40.90966	-0.32173	0.94509	-0.34042
ENSG0000I	ENSG0000I	28978	TMEM14A	transmeml	ENSG0000I	5.687543	0.741573	2.179164	0.340302

ENSG00000102724	ENSG00000102724	LOC102724	neuroblast	ENSG00000102724	9.077522	0.590856	1.736314	0.340294
ENSG000001375248	ENSG000001375248	ANKRD36	ankyrin repeat	ENSG000001375248	32.34715	-0.35653	1.047923	-0.34023
ENSG000001100874241	ENSG000001100874241	STARD13-A	STARD13 a	ENSG000001100874241	23.63255	-0.40025	1.176928	-0.34008
ENSG0000013241	ENSG0000013241	HPCAL1	hippocampal	ENSG0000013241	19.38399	-0.44429	1.307663	-0.33976
ENSG00000179145	ENSG00000179145	CHCHD7	coiled-coil	ENSG00000179145	28.01437	-0.3732	1.098756	-0.33965
ENSG0000019342	ENSG0000019342	SNAP29	synaptosomal	ENSG0000019342	23.6778	-0.4064	1.196602	-0.33963
ENSG0000019326	ENSG0000019326	ZNHIT3	zinc finger	ENSG0000019326	12.49013	0.512092	1.508271	0.339522
ENSG00000110285	ENSG00000110285	SMNDC1	survival motor	ENSG00000110285	28.21957	0.363681	1.071373	0.339453
ENSG00000110741	ENSG00000110741	RBBP9	RB binding	ENSG00000110741	14.85635	-0.48926	1.441433	-0.33942
ENSG0000010269001	ENSG0000010269001			ENSG0000010269001	14.84	-0.49183	1.449079	-0.33941
ENSG00000110184	ENSG00000110184	LHFPL2	LHFPL tetramer	ENSG00000110184	47.43577	0.311447	0.918859	0.33895
ENSG00000123243	ENSG00000123243	ANKRD28	ankyrin repeat	ENSG00000123243	74.15476	0.270864	0.799143	0.338944
ENSG00000110063	ENSG00000110063	COX17	cytochrome	ENSG00000110063	54.91593	0.284294	0.838821	0.338921
ENSG00000184866	ENSG00000184866	TMEM25	transmembrane	ENSG00000184866	10.76434	0.546767	1.61358	0.338853
ENSG000001162239	ENSG000001162239	ZFP1	ZFP1 zinc finger	ENSG000001162239	10.76434	0.546767	1.61358	0.338853
ENSG0000013309	ENSG0000013309	HSPA5	heat shock	ENSG0000013309	217.7482	-0.21178	0.625044	-0.33883
ENSG0000015604	ENSG0000015604	MAP2K1	mitogen-activated	ENSG0000015604	25.7958	-0.38541	1.137744	-0.33875
ENSG000001100507463	ENSG000001100507463	PSMB8-AS1	PSMB8 antisense	ENSG000001100507463	3.261944	-1.01585	3.000435	-0.33857
ENSG000001442213	ENSG000001442213	PTCHD4	patched domain	ENSG000001442213	3.261944	-1.01585	3.000435	-0.33857
ENSG0000010234338	ENSG0000010234338			ENSG0000010234338	3.261944	-1.01585	3.000435	-0.33857
ENSG000001286075	ENSG000001286075	ZNF707	zinc finger	ENSG000001286075	3.261944	-1.01585	3.000435	-0.33857
ENSG0000010274976	ENSG0000010274976			ENSG0000010274976	3.261944	-1.01585	3.000435	-0.33857
ENSG0000016431	ENSG0000016431	SRSF6	serine and	ENSG0000016431	80.0097	0.252937	0.747355	0.338443
ENSG000001139716	ENSG000001139716	GAB3	GRB2 associated	ENSG000001139716	37.10118	0.327398	0.96738	0.338438
ENSG000001147179	ENSG000001147179	WIPF2	WAS/WASIP	ENSG000001147179	38.76275	-0.32633	0.964924	-0.3382
ENSG0000019482	ENSG0000019482	STX8	syntaxin 8	ENSG0000019482	15.92535	0.460438	1.362594	0.337913
ENSG0000012888	ENSG0000012888	GRB14	growth factor	ENSG0000012888	12.44488	0.528542	1.56417	0.337906
ENSG0000016093	ENSG0000016093	ROCK1	Rho associated	ENSG0000016093	146.9449	0.213811	0.633269	0.337631
ENSG000001387263	ENSG000001387263	C6orf120	chromosomal	ENSG000001387263	15.96433	0.458243	1.357626	0.337533
ENSG00000157568	ENSG00000157568	SIPA1L2	signal inducer	ENSG00000157568	271.9137	0.189959	0.562828	0.337508
ENSG00000154386	ENSG00000154386	TERF2IP	TERF2 interactor	ENSG00000154386	44.20168	0.30581	0.906362	0.337403
ENSG00000155084	ENSG00000155084	SOBP	sine oculis	ENSG00000155084	30.11603	-0.35873	1.06325	-0.33739
ENSG000001255488	ENSG000001255488	RNF144B	ring finger	ENSG000001255488	103.5562	0.232834	0.690421	0.337235
ENSG0000015257	ENSG0000015257	PHKB	phosphorylation	ENSG0000015257	140.8286	0.228421	0.677531	0.337137
ENSG00000111019	ENSG00000111019	LIAS	lipoic acid	ENSG00000111019	19.22483	0.456733	1.355536	0.336939
ENSG0000016319	ENSG0000016319	SCD	stearoyl-CoA	ENSG0000016319	19.5034	-0.46753	1.388214	-0.33679
ENSG0000018611	ENSG0000018611	PLPP1	phospholipid	ENSG0000018611	30.09968	-0.3598	1.068341	-0.33679
ENSG00000111168	ENSG00000111168	PSIP1	PC4 and SF	ENSG00000111168	53.12854	0.286803	0.852046	0.336604
ENSG00000154014	ENSG00000154014	BRWD1	bromodomain	ENSG00000154014	193.0007	-0.20221	0.600919	-0.3365
ENSG000001388165	ENSG000001388165	UBE2Q2P1	ubiquitin	ENSG000001388165	9.038549	0.594304	1.766623	0.336407
ENSG0000011266	ENSG0000011266	CNN3	calponin 3	ENSG0000011266	102.3907	-0.23499	0.698652	-0.33634
ENSG0000010280099	ENSG0000010280099			ENSG0000010280099	3.239318	-0.99423	2.956171	-0.33632
ENSG00000110721	ENSG00000110721	POLQ	DNA polymerase	ENSG00000110721	3.239318	-0.99423	2.956171	-0.33632
ENSG000001100507388	ENSG000001100507388	LOC100507388	uncharacterized	ENSG000001100507388	3.239318	-0.99423	2.956171	-0.33632
ENSG000001404734	ENSG000001404734	ANKHD1-E	ANKHD1-E	ENSG000001404734	3.239318	-0.99423	2.956171	-0.33632
ENSG0000010230555	ENSG0000010230555			ENSG0000010230555	3.239318	-0.99423	2.956171	-0.33632
ENSG0000010260114	ENSG0000010260114			ENSG0000010260114	3.239318	-0.99423	2.956171	-0.33632

ENSG00000124045	SPATA33	spermatog	ENSG000003239318	-0.99423	2.956171	-0.33632
ENSG000004066	LYL1	LYL1, basic	ENSG000003239318	-0.99423	2.956171	-0.33632
ENSG00000100507551	LOC100507	uncharacte	ENSG000003239318	-0.99423	2.956171	-0.33632
ENSG00000147948	ZNF582	zinc finger	ENSG000003239318	-0.99423	2.956171	-0.33632
ENSG000007290	HIRA	histone cel	ENSG000003239318	-0.99423	2.956171	-0.33632
ENSG000006635	SNRPE	small nucle	ENSG000001060217	0.576932	1.715885	0.33623
ENSG000009371	KIF3B	kinesin fan	ENSG000005141283	0.289937	0.862526	0.336149
ENSG0000080303	EFHD1	EF-hand dc	ENSG000002795277	-0.36909	1.098063	-0.33612
ENSG000006132	RPL8	ribosomal	ENSG000002518766	0.192706	0.573362	0.336099
ENSG0000011215	AKAP11	A-kinase ar	ENSG000001258244	-0.2249	0.669222	-0.33606
ENSG0000055740	ENAH	ENAH, acti	ENSG000001529775	-0.2121	0.631646	-0.33578
ENSG000003749	KCNC4	potassium	ENSG000001035133	-0.58279	1.73616	-0.33568
ENSG0000055676	SLC30A6	solute carr	ENSG000003228555	-0.35294	1.051616	-0.33562
ENSG000002791	GNG11	G protein s	ENSG000007298714	0.257029	0.765984	0.335554
ENSG00000115209	OMA1	OMA1 zinc	ENSG000002297433	0.39302	1.171409	0.335511
ENSG0000010067	SCAMP3	secretory c	ENSG000002297433	0.39302	1.171409	0.335511
ENSG00000220323	OAF	out at first	ENSG000001705857	-0.45705	1.362248	-0.33551
ENSG00000128308	MRPL55	mitochond	ENSG000005710559	-0.75821	2.2605	-0.33542
ENSG00000482	ATP1B2	ATPase Na	ENSG000005710559	-0.75821	2.2605	-0.33542
ENSG0000010444	ZER1	zyg-11 rela	ENSG000007273996	-0.25892	0.771947	-0.33541
ENSG0000023382	AHCYL2	adenosylh	ENSG000001767377	0.438358	1.307103	0.335366
ENSG000003735	KARS	lysyl-tRNA	ENSG000001053888	0.230925	0.68863	0.33534
ENSG000009466	IL27RA	interleukin	ENSG000001920548	-0.43233	1.289803	-0.33519
ENSG00000200845	KCTD6	potassium	ENSG000008019632	-0.63932	1.907612	-0.33514
ENSG00000221322	TBC1D32	TBC1 dom	ENSG000001069646	0.575767	1.718174	0.335104
ENSG000008480	RAE1	ribonucleic	ENSG000001030608	-0.56864	1.697166	-0.33505
ENSG000001314	COPA	coatomer p	ENSG000001697882	-0.20641	0.616478	-0.33483
ENSG000007525	YES1	YES proto-c	ENSG000005999678	-0.27584	0.824042	-0.33474
ENSG000007533	YWHAH	tyrosine 3-	ENSG000007299342	0.255547	0.763465	0.33472
ENSG000004037	LRP3	LDL recept	ENSG000008058604	-0.64355	1.922732	-0.33471
ENSG0000026156	RSL1D1	ribosomal	ENSG000001023517	-0.23445	0.700826	-0.33453
ENSG0000055790	CSGALNAC	chondroitin	ENSG000008577858	-0.2523	0.754196	-0.33453
ENSG0000064897	C12orf43	chromosor	ENSG000008064882	-0.65722	1.966277	-0.33425
ENSG00000100505687	LINC00888	long interg	ENSG000005671587	-0.7525	2.251494	-0.33422
ENSG000001717	DHCR7	7-dehydro	ENSG000001479475	-0.48172	1.441441	-0.33419
ENSG000002224	FDPS	farnesyl di	ENSG000002299695	0.388851	1.164009	0.334062
ENSG000003712	IVD	isovaleryl-	ENSG000008186248	0.253004	0.758269	0.33366
ENSG0000028982	FLVCR1	feline leuk	ENSG000005749141	0.716128	2.147071	0.333537
ENSG000003128	HLA-DRB6	major histc	ENSG000005749141	0.716128	2.147071	0.333537
ENSG00000101927667	LINC01535	long interg	ENSG000005749141	0.716128	2.147071	0.333537
ENSG00000100506334	LINC00649	long interg	ENSG000005749141	0.716128	2.147071	0.333537
ENSG0000079891	ZNF671	zinc finger	ENSG000001942218	0.42025	1.260085	0.33351
ENSG0000080298	MTERF2	mitochond	ENSG000001255355	-0.52163	1.56409	-0.3335
ENSG0000090	ACVR1	activin A re	ENSG000002354833	-0.39226	1.176185	-0.3335
ENSG000004976	OPA1	OPA1, mitc	ENSG000002039137	0.211474	0.634204	0.333448
ENSG000006331	SCN5A	sodium vol	ENSG000002742153	-0.2148	0.644385	-0.33334
ENSG0000079577	CDC73	cell divisio	ENSG000007692064	-0.25306	0.759437	-0.33322

ENSG00000127042	UTP25	UTP25, sm	ENSG00000117.00325	-0.45697	1.371434	-0.33321
ENSG0000017247	TSN	translin	ENSG00000142.51487	0.305536	0.917249	0.333101
ENSG0000015007	OSBP	oxysterol b	ENSG00000174.79636	-0.25453	0.764596	-0.3329
ENSG0000011390	CREM	cAMP resp	ENSG00000119.50013	0.416392	1.251784	0.332638
ENSG00000151122	COMMD2	COMM dor	ENSG00000119.2608	-0.43248	1.300196	-0.33262
ENSG00000184516	DCTN5	dynactin st	ENSG00000147.26366	-0.2995	0.900565	-0.33256
ENSG000001131601	TPRA1	transmeml	ENSG00000112.55172	0.50109	1.507079	0.332491
ENSG00000193594	TBC1D31	TBC1 domæ	ENSG00000112.55172	0.50109	1.507079	0.332491
ENSG00000151393	TRPV2	transient r	ENSG00000112.55172	0.50109	1.507079	0.332491
ENSG0000015509	PPP1R3D	protein ph	ENSG00000112.55172	0.50109	1.507079	0.332491
ENSG00000111340	EXOSC8	exosome c	ENSG00000112.51275	0.503716	1.51513	0.332457
ENSG000001672	BRCA1	BRCA1, DN	ENSG00000114.83372	-0.48426	1.45674	-0.33243
ENSG000001399959	MIR100HG	mir-100-lef	ENSG00000142.55384	0.304465	0.915888	0.332426
ENSG0000019765	ZFYVE16	zinc finger	ENSG000001100.1595	-0.23321	0.701582	-0.3324
ENSG00000151676	ASB2	ankyrin re	ENSG000001118.1469	0.223523	0.672558	0.332348
ENSG0000018467	SMARCA5	SWI/SNF r	ENSG000001139.8218	0.215091	0.647306	0.332287
ENSG0000019378	NRXN1	neurexin 1	ENSG00000114.17066	0.499322	1.502845	0.332251
ENSG000001178	AGL	amylo-alf	ENSG00000121.1706	0.405136	1.219656	0.332172
ENSG0000019191	DEDD	death effe	ENSG00000121.1706	0.405136	1.219656	0.332172
ENSG00000123252	OTUD3	OTU deubi	ENSG00000112.53093	-0.51569	1.552559	-0.33216
ENSG000001254827	NAALADL2	N-acetylaf	ENSG00000112.53093	-0.51569	1.552559	-0.33216
ENSG00000129993	PACSIN1	protein kin	ENSG00000112.53093	-0.51569	1.552559	-0.33216
ENSG000001154141	MBOAT1	membrane	ENSG0000015.788113	0.711666	2.143831	0.33196
ENSG00000157536	KIAA1328	KIAA1328	ENSG00000114.75578	-0.47926	1.443969	-0.33191
ENSG00000155527	FEM1A	fem-1 hom	ENSG00000114.75578	-0.47926	1.443969	-0.33191
ENSG00000179882	ZC3H14	zinc finger	ENSG00000151.54112	-0.29467	0.888035	-0.33183
ENSG000001375033	PEAR1	platelet en	ENSG00000127.92008	-0.37133	1.119892	-0.33158
ENSG00000126224	FBXL3	F-box and l	ENSG00000160.43019	0.269895	0.814741	0.331265
ENSG0000016788	STK3	serine/thr	ENSG00000137.16906	0.320157	0.966734	0.331174
ENSG00000189894	TMEM116	transmeml	ENSG00000138.60058	-0.31919	0.963806	-0.33117
ENSG0000012950	GSTP1	glutathion	ENSG00000189.29359	0.240093	0.725396	0.330982
ENSG00000123410	SIRT3	sirtuin 3	ENSG00000131.74909	0.352305	1.06449	0.330961
ENSG0000019918	NCAPD2	non-SMC c	ENSG00000128.32014	0.357436	1.080083	0.330934
ENSG00000164429	ZDHHC6	zinc finger	ENSG00000124.66742	0.38135	1.153451	0.330616
ENSG00000190480	GADD45G1	GADD45G	ENSG00000117.77434	0.428649	1.296681	0.330574
ENSG0000013069	HDLBP	high densit	ENSG000001578.6846	-0.17032	0.515343	-0.3305
ENSG00000164061	TSPYL2	TSPY like 2	ENSG00000142.95978	-0.30853	0.934804	-0.33004
ENSG00000181573	ANKRD13C	ankyrin re	ENSG00000133.57166	0.334219	1.012848	0.329979
ENSG0000014924	NUCB1	nucleobinc	ENSG000001132.7791	0.213681	0.647588	0.329965
ENSG000001219899	TBCEL	tubulin fol	ENSG00000144.98349	-0.29997	0.909955	-0.32965
ENSG0000010270733			ENSG0000012.582928	1.033348	3.13508	0.329608
ENSG0000010249286			ENSG0000012.582928	1.033348	3.13508	0.329608
ENSG000001137209	ZNF572	zinc finger	ENSG0000012.582928	1.033348	3.13508	0.329608
ENSG000001113675	SDSL	serine deh	ENSG0000012.582928	1.033348	3.13508	0.329608
ENSG000001283551	LINC01588	long interg	ENSG0000012.582928	1.033348	3.13508	0.329608
ENSG00000155329	MNS1	meiosis sp	ENSG0000012.582928	1.033348	3.13508	0.329608
ENSG0000010272079			ENSG0000012.582928	1.033348	3.13508	0.329608

ENSG00000100291	105	LOC100291	uncharacte	ENSG000001	2.582928	1.033348	3.13508	0.329608
ENSG0000011968		EIF2S3	eukaryotic	ENSG000001	103.8416	0.227109	0.68918	0.329535
ENSG00000155002		TMCO3	transmeml	ENSG000001	38.97907	0.312948	0.949724	0.329515
ENSG00000157623		ZFAT	zinc finger	ENSG000001	17.6348	0.440715	1.337922	0.329402
ENSG00000154984		PINX1	PIN2 (TERF	ENSG000001	4.08495	0.853321	2.591451	0.329283
ENSG0000011160		CKMT2	creatine ki	ENSG000001	855.1521	0.180718	0.549734	0.328736
ENSG00000127106		ARRDC2	arrestin do	ENSG000001	32.17243	-0.34162	1.039235	-0.32872
ENSG00000164976		MRPL40	mitochond	ENSG000001	26.59435	0.362015	1.101859	0.328549
ENSG00000129945		ANAPC4	anaphase p	ENSG000001	21.23219	0.398743	1.213693	0.328537
ENSG00000110016		PDCD6	programm	ENSG000001	25.64998	-0.37364	1.137431	-0.32849
ENSG000001441108		C5orf56	chromosor	ENSG000001	25.64998	-0.37364	1.137431	-0.32849
ENSG00000123011		RAB21	RAB21, me	ENSG000001	205.7741	-0.20015	0.60939	-0.32844
ENSG00000155700		MAP7D1	MAP7 dom	ENSG000001	187.8511	-0.21462	0.653472	-0.32844
ENSG00000155871		CBWD1	COBW don	ENSG000001	19.12125	-0.42254	1.286812	-0.32836
ENSG00000164983		MRPL32	mitochond	ENSG000001	34.57579	-0.34515	1.051163	-0.32835
ENSG00000125780		RASGRP3	RAS guanyl	ENSG000001	68.36821	-0.25896	0.78896	-0.32824
ENSG000001259217		HSPA12A	heat shock	ENSG000001	28.36539	0.35089	1.069097	0.328212
ENSG00000153981		CPSF2	cleavage a	ENSG000001	92.98777	0.233541	0.712185	0.327922
ENSG00000110262		SF3B4	splicing fac	ENSG000001	14.77212	-0.47666	1.453635	-0.32791
ENSG000001147949		ZNF583	zinc finger	ENSG000001	10.86491	0.530976	1.619471	0.32787
ENSG0000018030		CCDC6	coiled-coil	ENSG000001	47.10149	-0.29353	0.895258	-0.32787
ENSG000001100131564		CCDC18-A	CCDC18 an	ENSG000001	12.5083	-0.50966	1.554601	-0.32784
ENSG0000019753		ZSCAN12	zinc finger	ENSG000001	12.5083	-0.50966	1.554601	-0.32784
ENSG00000164089		SNX16	sorting nex	ENSG000001	12.5083	-0.50966	1.554601	-0.32784
ENSG00000110644		IGF2BP2	insulin like	ENSG000001	29.97648	-0.35212	1.074282	-0.32777
ENSG00000151668		HSPB11	heat shock	ENSG000001	7.980659	-0.63498	1.93743	-0.32775
ENSG00000156603		CYP26B1	cytochrom	ENSG000001	7.980659	-0.63498	1.93743	-0.32775
ENSG000001401541		CENPP	centromer	ENSG000001	7.980659	-0.63498	1.93743	-0.32775
ENSG00000179132		DHX58	DExH-box	ENSG000001	7.474929	0.620774	1.894189	0.327725
ENSG0000017773		ZNF230	zinc finger	ENSG000001	7.474929	0.620774	1.894189	0.327725
ENSG000001114790		STK11IP	serine/thr	ENSG000001	16.04855	0.443408	1.353888	0.327507
ENSG00000129882		ANAPC2	anaphase p	ENSG000001	16.04855	0.443408	1.353888	0.327507
ENSG000001400793		C1orf226	chromosor	ENSG000001	5.648961	-0.73942	2.259538	-0.32724
ENSG0000012743		GLRB	glycine rec	ENSG000001	5.648961	-0.73942	2.259538	-0.32724
ENSG0000014135		MAP6	microtubul	ENSG000001	5.648961	-0.73942	2.259538	-0.32724
ENSG00000155172		DNAAF2	dynein axo	ENSG000001	5.648961	-0.73942	2.259538	-0.32724
ENSG00000179228		THOC6	THO compl	ENSG000001	5.648961	-0.73942	2.259538	-0.32724
ENSG0000011140		CHRNB1	cholinergic	ENSG000001	5.648961	-0.73942	2.259538	-0.32724
ENSG000001201158		TVP23C	trans-golgi	ENSG000001	5.648961	-0.73942	2.259538	-0.32724
ENSG0000010274627				ENSG000001	12.41218	0.518184	1.583706	0.327197
ENSG00000125902		MTHFD1L	methylene	ENSG000001	7.958034	-0.62577	1.914909	-0.32679
ENSG00000179789		CLMN	calmin	ENSG000001	40.86702	0.304154	0.930931	0.326721
ENSG0000011643		DDB2	damage sp	ENSG000001	16.94165	-0.45032	1.378879	-0.32658
ENSG00000110007		GNPDA1	glucosamir	ENSG000001	21.2845	-0.40221	1.231939	-0.32649
ENSG00000183752		LONP2	lon peptid	ENSG000001	179.8917	-0.19894	0.609731	-0.32627
ENSG00000191807		MYLK3	myosin lig	ENSG000001	678.3681	-0.18406	0.56438	-0.32613
ENSG0000017410		VAV2	vav guanin	ENSG000001	10.28973	-0.57205	1.75414	-0.32612

ENSG0000017352	UCP3	uncoupling	ENSG0000017352	3.278291	-1.00484	3.082828	-0.32595
ENSG00000179748	LMAN1L	lectin, man	ENSG00000179748	3.278291	-1.00484	3.082828	-0.32595
ENSG00000111041	B4GAT1	beta-1,4-gl	ENSG00000111041	23.60365	-0.39263	1.204882	-0.32586
ENSG0000010235020			ENSG0000010235020	4.185521	0.811041	2.489233	0.32582
ENSG00000179847	MFSD13A	major facili	ENSG00000179847	4.185521	0.811041	2.489233	0.32582
ENSG00000184996	URB1-AS1	URB1 antis	ENSG00000184996	4.185521	0.811041	2.489233	0.32582
ENSG00000110827	FAM114A2	family with	ENSG00000110827	44.44807	0.293764	0.901669	0.3258
ENSG00000157045	TWSG1	twisted ga	ENSG00000157045	25.71785	-0.38199	1.173168	-0.32561
ENSG0000019043	SPAG9	sperm assc	ENSG0000019043	196.4086	0.194578	0.597703	0.325543
ENSG0000015118	PCOLCE	procollage	ENSG0000015118	14.7168	-0.47667	1.46462	-0.32546
ENSG0000015868	RAB5A	RAB5A, me	ENSG0000015868	42.79761	-0.30199	0.927897	-0.32545
ENSG00000153918	PELO	pelota mRf	ENSG00000153918	16.8964	-0.44157	1.357045	-0.32539
ENSG000001342926	ZNF677	zinc finger	ENSG000001342926	12.46933	-0.50682	1.557613	-0.32539
ENSG00000181559	TRIM11	tripartite n	ENSG00000181559	10.88753	0.521216	1.60245	0.325262
ENSG0000012072	ERCC4	ERCC excis	ENSG0000012072	19.54538	0.406345	1.249501	0.325206
ENSG00000157532	NUFIP2	nuclear FM	ENSG00000157532	230.3038	-0.18996	0.584127	-0.3252
ENSG0000010237491			ENSG0000010237491	4.146548	0.816552	2.511355	0.325144
ENSG000001822	CAPG	capping ac	ENSG000001822	4.146548	0.816552	2.511355	0.325144
ENSG0000017458	EIF4H	eukaryotic	ENSG0000017458	150.9513	-0.21227	0.652935	-0.3251
ENSG00000155588	MED29	mediator c	ENSG00000155588	30.03586	0.347103	1.067755	0.325077
ENSG00000157018	CCNL1	cyclin L1	ENSG00000157018	55.63758	-0.28044	0.863003	-0.32496
ENSG0000017728	ZNF175	zinc finger	ENSG0000017728	16.00958	0.445696	1.371999	0.324851
ENSG0000019128	PRPF4	pre-mRNA	ENSG0000019128	19.1376	-0.42061	1.295	-0.3248
ENSG0000011376	CPT2	carnitine p	ENSG0000011376	21.50199	-0.4153	1.278734	-0.32477
ENSG00000164411	ARAP3	ArfGAP wit	ENSG00000164411	42.75864	-0.30095	0.92691	-0.32468
ENSG00000155684	RABL6	RAB, meml	ENSG00000155684	42.75864	-0.30095	0.92691	-0.32468
ENSG00000181873	ARPC5L	actin relat	ENSG00000181873	16.08752	0.441208	1.359687	0.324492
ENSG00000155129	ANO10	anoctamin	ENSG00000155129	12.47378	0.506872	1.562475	0.324403
ENSG000001440465	BAIAP2-DT	BAIAP2 div	ENSG000001440465	12.5907	0.498222	1.535933	0.324378
ENSG00000151230	PHF20	PHD finger	ENSG00000151230	59.78308	-0.26718	0.82384	-0.32431
ENSG00000151317	PHF21A	PHD finger	ENSG00000151317	61.86838	-0.26419	0.814774	-0.32425
ENSG00000151465	UBE2J1	ubiquitin c	ENSG00000151465	42.87177	-0.30921	0.954337	-0.324
ENSG00000156731	SLC2A4RG	SLC2A4 reg	ENSG00000156731	23.12015	0.377162	1.164793	0.323802
ENSG00000151209	RAB9B	RAB9B, me	ENSG00000151209	23.12015	0.377162	1.164793	0.323802
ENSG00000123506	BICRAL	BRD4 inter	ENSG00000123506	55.24655	0.270657	0.836238	0.32366
ENSG00000157117	INTS12	integrator	ENSG00000157117	5.609989	-0.73369	2.266922	-0.32365
ENSG0000010253372			ENSG0000010253372	5.609989	-0.73369	2.266922	-0.32365
ENSG00000151118	UTP11	UTP11, sm	ENSG00000151118	30.19175	0.341374	1.054899	0.323608
ENSG00000179602	ADIPOR2	adiponecti	ENSG00000179602	97.86682	-0.23011	0.711213	-0.32354
ENSG0000017813	EVI5	ecotropic v	ENSG0000017813	70.46358	-0.25505	0.788833	-0.32332
ENSG00000110012946C	DPY19L1P1	DPY19L1 p	ENSG00000110012946C	14.32276	0.4616	1.428587	0.323116
ENSG000001400761	LRRC8C-DT	LRRC8C div	ENSG000001400761	3.177721	-0.96236	2.978894	-0.32306
ENSG00000179805	VASH2	vasohibin 2	ENSG00000179805	3.177721	-0.96236	2.978894	-0.32306
ENSG000001677797	SNORA7B	small nucle	ENSG000001677797	3.177721	-0.96236	2.978894	-0.32306
ENSG00000111174	ADAMTS6	ADAM met	ENSG00000111174	3.177721	-0.96236	2.978894	-0.32306
ENSG0000010254163			ENSG0000010254163	3.177721	-0.96236	2.978894	-0.32306
ENSG0000019630	GNA14	G protein s	ENSG0000019630	3.177721	-0.96236	2.978894	-0.32306

ENSG0000I	ENSG0000I	3741	KCNA5	potassium	ENSG0000I	3.177721	-0.96236	2.978894	-0.32306
ENSG0000I	ENSG0000I	65057	ACD	ACD, shelte	ENSG0000I	3.177721	-0.96236	2.978894	-0.32306
ENSG0000I	ENSG000000268756				ENSG0000I	3.177721	-0.96236	2.978894	-0.32306
ENSG0000I	ENSG0000I	3748	KCNC3	potassium	ENSG0000I	3.177721	-0.96236	2.978894	-0.32306
ENSG0000I	ENSG0000I	6950	TCP1	t-complex	ENSG0000I	102.239	0.223572	0.692084	0.323042
ENSG0000I	ENSG0000I	81034	SLC25A32	solute carr	ENSG0000I	21.19322	0.400816	1.240822	0.323025
ENSG0000I	ENSG0000I	10989	IMMT	inner mem	ENSG0000I	211.7422	-0.19566	0.605783	-0.32298
ENSG0000I	ENSG0000I	256987	SERINC5	serine inco	ENSG0000I	44.50967	0.290769	0.901063	0.322695
ENSG0000I	ENSG0000I	8452	CUL3	cullin 3	ENSG0000I	89.45576	0.236425	0.732695	0.322679
ENSG0000I	ENSG0000I	149013	NBPF12	NBPF mem	ENSG0000I	10.84856	0.524238	1.625973	0.322415
ENSG0000I	ENSG0000I	79365	BHLHE41	basic helix-	ENSG0000I	17.79069	0.4318	1.340202	0.32219
ENSG0000I	ENSG0000I	832	CAPZB	capping ac	ENSG0000I	91.40152	0.229927	0.713761	0.322135
ENSG0000I	ENSG0000I	1106	CHD2	chromodor	ENSG0000I	131.3575	-0.21111	0.655664	-0.32197
ENSG0000I	ENSG0000I	55697	VAC14	Vac14, PIK	ENSG0000I	23.44148	-0.38103	1.183742	-0.32188
ENSG0000I	ENSG0000I	64601	VPS16	VPS16, COI	ENSG0000I	16.87378	-0.43709	1.359215	-0.32157
ENSG0000I	ENSG0000I	22869	ZNF510	zinc finger	ENSG0000I	33.79542	0.320998	0.998593	0.321451
ENSG0000I	ENSG0000I	22936	ELL2	elongation	ENSG0000I	85.02934	-0.23645	0.735644	-0.32142
ENSG0000I	ENSG0000I	3953	LEPR	leptin rece	ENSG0000I	32.01026	-0.33309	1.036486	-0.32137
ENSG0000I	ENSG0000I	2548	GAA	glucosidas	ENSG0000I	32.08821	-0.33573	1.045014	-0.32127
ENSG0000I	ENSG0000I	57489	ODF2L	outer dens	ENSG0000I	21.23925	-0.39515	1.229944	-0.32127
ENSG0000I	ENSG0000I	9092	SART1	splICEOSOR	ENSG0000I	33.75645	0.322278	1.003632	0.321112
ENSG0000I	ENSG0000I	342892	ZNF850	zinc finger	ENSG0000I	17.85856	0.415471	1.293966	0.321083
ENSG0000I	ENSG0000I	11183	MAP4K5	mitogen-ac	ENSG0000I	40.8733	0.300973	0.937421	0.321065
ENSG0000I	ENSG0000I	3619	INCENP	inner centr	ENSG0000I	7.935409	-0.61631	1.919678	-0.32105
ENSG0000I	ENSG0000I	10200	MPHOSPH	M-phase p	ENSG0000I	7.935409	-0.61631	1.919678	-0.32105
ENSG0000I	ENSG0000I	80017	DGLUCY	D-glutama	ENSG0000I	220.6454	-0.19864	0.618835	-0.32098
ENSG0000I	ENSG0000I	6844	VAMP2	vesicle ass	ENSG0000I	34.15089	-0.32415	1.010248	-0.32086
ENSG0000I	ENSG0000I	4925	NUCB2	nucleobinc	ENSG0000I	49.82658	0.285381	0.889738	0.320748
ENSG0000I	ENSG0000I	9368	SLC9A3R1	SLC9A3 reg	ENSG0000I	12.48568	-0.50368	1.570626	-0.32069
ENSG0000I	ENSG0000I	79039	DDX54	DEAD-box	ENSG0000I	19.60698	0.399454	1.245627	0.320685
ENSG0000I	ENSG0000I	55608	ANKRD10	ankyrin re	ENSG0000I	74.70835	-0.25439	0.793504	-0.3206
ENSG0000I	ENSG0000I	30815	ST6GALNA	ST6 N-acet	ENSG0000I	58.78862	0.265826	0.829222	0.320572
ENSG0000I	ENSG0000I	378805	LINC-PINT	long interg	ENSG0000I	19.03703	-0.41265	1.287275	-0.32056
ENSG0000I	ENSG0000I	10422	UBAC1	UBA doma	ENSG0000I	57.11815	0.264933	0.826502	0.320547
ENSG0000I	ENSG0000I	285381	DPH3	diphthamic	ENSG0000I	28.44334	0.347908	1.0854	0.320535
ENSG0000I	ENSG000000272129				ENSG0000I	3.216693	-0.97233	3.034009	-0.32048
ENSG0000I	ENSG0000I	54986	ULK4	unc-51 like	ENSG0000I	10.18288	-0.54721	1.709041	-0.32018
ENSG0000I	ENSG0000I	51112	TRAPPC12	trafficking	ENSG0000I	49.0963	-0.28287	0.883602	-0.32014
ENSG0000I	ENSG0000I	55670	PEX26	peroxisom	ENSG0000I	44.81504	-0.29151	0.911612	-0.31978
ENSG0000I	ENSG0000I	2794	GNL1	G protein r	ENSG0000I	29.84701	-0.34086	1.066163	-0.3197
ENSG0000I	ENSG0000I	59349	KLHL12	kelch like f	ENSG0000I	34.13454	-0.32505	1.016924	-0.31964
ENSG0000I	ENSG0000I	10427	SEC24B	SEC24 hor	ENSG0000I	74.44312	-0.24466	0.765683	-0.31954
ENSG0000I	ENSG0000I	10019	SH2B3	SH2B adap	ENSG0000I	89.64683	0.230885	0.722915	0.319381
ENSG0000I	ENSG0000I	997	CDC34	cell divisio	ENSG0000I	25.68267	-0.37112	1.162036	-0.31937
ENSG0000I	ENSG0000I	2783	GNB2	G protein s	ENSG0000I	39.20283	0.301568	0.944625	0.319247
ENSG0000I	ENSG0000I	285315	C3orf33	chromosor	ENSG0000I	5.849711	0.686602	2.155763	0.318496
ENSG0000I	ENSG0000I	91544	UBXN11	UBX domai	ENSG0000I	7.536527	0.602017	1.890522	0.31844

ENSG00000202243	CCDC125	coiled-coil	ENSG000007536527	0.602017	1.890522	0.31844
ENSG0000090355	C5orf30	chromosom	ENSG000007536527	0.602017	1.890522	0.31844
ENSG00000170575	GIMAP1	GTPase, IV	ENSG000007536527	0.602017	1.890522	0.31844
ENSG00000220064	LTO1	LTO1, ABC	ENSG000007536527	0.602017	1.890522	0.31844
ENSG00000268362			ENSG000007536527	0.602017	1.890522	0.31844
ENSG000001534	CYB561	cytochrom	ENSG000005587364	-0.72043	2.262903	-0.31837
ENSG000007976	FZD3	frizzled cl	ENSG0000012.40773	-0.4979	1.563931	-0.31836
ENSG00000165121			ENSG0000012.40773	-0.4979	1.563931	-0.31836
ENSG00000781	CACNA2D1	calcium vo	ENSG00000133.3459	0.236791	0.743824	0.318342
ENSG00000892	CCNC	cyclin C	ENSG0000032.02661	-0.3321	1.043436	-0.31828
ENSG0000085352	SHISAL1	shisa like 1	ENSG000005.687934	-0.74607	2.345925	-0.31803
ENSG00000144097	SPINDOC	spindlin int	ENSG000007.896436	-0.61209	1.92465	-0.31803
ENSG0000057407	NMRAL1	NmrA like	ENSG000007.896436	-0.61209	1.92465	-0.31803
ENSG0000026504	CNNM4	cyclin and	ENSG0000041.03664	-0.32256	1.014518	-0.31795
ENSG00000441024	MTHFD2L	methylene	ENSG0000014.38436	0.452112	1.422298	0.317874
ENSG000009689	BZW1	basic leucir	ENSG0000093.34545	-0.22741	0.715424	-0.31787
ENSG00000201164	PLD6	phospholip	ENSG000007.513902	0.616596	1.940037	0.317827
ENSG000005281	PIGF	phosphatic	ENSG000009.223343	0.548399	1.726563	0.317625
ENSG00000285550	FAM200B	family with	ENSG0000016.14912	0.432737	1.362481	0.31761
ENSG00000148156	ZNF558	zinc finger	ENSG0000016.14912	0.432737	1.362481	0.31761
ENSG000008857	FCGBP	Fc fragmer	ENSG0000023.78308	-1.66057	5.228387	-0.31761
ENSG00000130271	PLEKHH2	pleckstrin l	ENSG000007.919061	-0.62127	1.95649	-0.31754
ENSG00000267653			ENSG000007.919061	-0.62127	1.95649	-0.31754
ENSG0000026523	AGO1	argonaute	ENSG0000089.14214	-0.2302	0.725085	-0.31748
ENSG00000168451	THAP5	THAP dom	ENSG0000037.4318	0.307033	0.967136	0.317466
ENSG000005090	PBX3	PBX homec	ENSG0000047.13419	-0.29258	0.921757	-0.31742
ENSG000004792	NFKBIA	NFKB inhib	ENSG00000108.6076	-0.23057	0.72642	-0.3174
ENSG00000343099	CCDC18	coiled-coil	ENSG0000012.67492	0.479268	1.51007	0.317382
ENSG00000389203	SMIM20	small integ	ENSG0000012.67492	0.479268	1.51007	0.317382
ENSG000005901	RAN	RAN, mem	ENSG0000087.88835	0.229392	0.722967	0.317292
ENSG00000169792	GLIS3	GLIS family	ENSG0000014.60996	-0.45889	1.446844	-0.31717
ENSG000001829	DSG2	desmoglein	ENSG0000085.78865	-0.25155	0.793129	-0.31716
ENSG000009070	ASH2L	ASH2 like,	ENSG0000036.22991	-0.31308	0.987158	-0.31715
ENSG0000091461	PKDCC	protein kin	ENSG0000038.37054	-0.30628	0.96607	-0.31704
ENSG0000085463	ZC3H12C	zinc finger	ENSG0000069.71029	0.248047	0.782541	0.316976
ENSG0000055968	NSFL1C	NSFL1 cofa	ENSG0000062.58088	0.257108	0.811201	0.316947
ENSG000004774	NFIA	nuclear fac	ENSG00000298.7558	-0.17685	0.55807	-0.31689
ENSG0000051076	CUTC	cutC coppe	ENSG0000021.17766	-0.38977	1.230073	-0.31687
ENSG0000083989	FAM172A	family with	ENSG0000023.1654	0.368915	1.164663	0.316757
ENSG000003187	HNRNPH1	heterogen	ENSG00000215.3345	-0.19077	0.60234	-0.31672
ENSG00000100506753	AZIN1-AS1	AZIN1 anti	ENSG000004.208146	0.781205	2.467073	0.316653
ENSG0000055135	WRAP53	WD repeat	ENSG000004.208146	0.781205	2.467073	0.316653
ENSG00000270189			ENSG000004.208146	0.781205	2.467073	0.316653
ENSG0000051643	TMBIM4	transmeml	ENSG0000014.40071	0.456678	1.442426	0.316604
ENSG000001954	MEGF8	multiple E	ENSG0000087.31958	-0.23697	0.748541	-0.31658
ENSG000009372	ZFYVE9	zinc finger	ENSG0000051.09738	-0.27498	0.868851	-0.31649
ENSG00000145075			ENSG000009.061174	0.583434	1.843847	0.316422

ENSG0000010654	PMVK	phosphom	ENSG000001016026	-0.53977	1.706701	-0.31627
ENSG0000029886	SNX8	sorting nex	ENSG000001016026	-0.53977	1.706701	-0.31627
ENSG00000254013	ETFBKMT	electron tr	ENSG000001016026	-0.53977	1.706701	-0.31627
ENSG000009638	FEZ1	fasciculatic	ENSG000002143333	0.382473	1.209344	0.316265
ENSG0000010978	CLP1	cleavage ai	ENSG000007497554	0.6059	1.916725	0.316112
ENSG0000051020	HDDC2	HD domair	ENSG000003377908	0.319657	1.011803	0.315928
ENSG000009526	MPDU1	mannose-F	ENSG000001613277	0.428768	1.357228	0.315915
ENSG0000083787	ARMC10	armadillo r	ENSG000001792016	0.407928	1.291697	0.315808
ENSG0000055142	HAUS2	HAUS augr	ENSG000001792016	0.407928	1.291697	0.315808
ENSG000005883	RAD9A	RAD9 chec	ENSG000005872337	0.666804	2.112211	0.31569
ENSG00000146857	SLFN13	schlafen fa	ENSG000005872337	0.666804	2.112211	0.31569
ENSG000009668	ZNF432	zinc finger	ENSG000001238511	-0.4918	1.557953	-0.31567
ENSG000009295	SRSF11	serine and	ENSG000008941927	0.233654	0.740357	0.315596
ENSG0000027343	POLL	DNA polyr	ENSG000001242408	-0.49469	1.567673	-0.31556
ENSG00000271347			ENSG000001242408	-0.49469	1.567673	-0.31556
ENSG00000328	APEX1	apurinic/a	ENSG000003210861	0.32152	1.018907	0.315554
ENSG000009898	UBAP2L	ubiquitin a	ENSG000001352793	-0.20462	0.648611	-0.31547
ENSG00000226216			ENSG000002605554	0.979434	3.104918	0.315446
ENSG00000152078	PQLC2L	PQ loop re	ENSG000002605554	0.979434	3.104918	0.315446
ENSG0000026271	FBXO5	F-box prote	ENSG000002605554	0.979434	3.104918	0.315446
ENSG0000010436	EMG1	EMG1, N1-	ENSG000002605554	0.979434	3.104918	0.315446
ENSG000003820	KLRB1	killer cell le	ENSG000002605554	0.979434	3.104918	0.315446
ENSG0000079866	BORA	bora, auro	ENSG000002605554	0.979434	3.104918	0.315446
ENSG00000384	ARG2	arginase 2	ENSG000002605554	0.979434	3.104918	0.315446
ENSG00000126295	ZNF57	zinc finger	ENSG000002605554	0.979434	3.104918	0.315446
ENSG00000126382	NR2C2AP	nuclear rec	ENSG000002605554	0.979434	3.104918	0.315446
ENSG00000100507599	LOC100507	uncharacte	ENSG000002605554	0.979434	3.104918	0.315446
ENSG0000056913	C1GALT1	core 1 synt	ENSG0000033896	0.315785	1.001181	0.315412
ENSG00000285521	COX18	cytochrom	ENSG000002499176	0.35639	1.130005	0.315388
ENSG0000054816	ZNF280D	zinc finger	ENSG000006988881	0.243866	0.773641	0.315218
ENSG0000084950	PRPF38A	pre-mRNA	ENSG00000267628	0.344945	1.09453	0.315154
ENSG000002316	FLNA	filamin A	ENSG000005172645	0.172437	0.547511	0.314948
ENSG00000115548	FCHO2	FCH domai	ENSG00000608224	0.255345	0.810872	0.314902
ENSG00000410	ARSA	arylsulfata	ENSG000001788119	0.409989	1.302911	0.314671
ENSG0000029888	STRN4	striatin 4	ENSG000003387965	0.314389	0.999424	0.31457
ENSG0000051524	TMEM138	transmeml	ENSG000001269754	0.471123	1.498259	0.314447
ENSG0000051741	WVOX	WW doma	ENSG000001269754	0.471123	1.498259	0.314447
ENSG00000162427	RETREG3	reticuloph	ENSG000005105841	-0.27407	0.871921	-0.31433
ENSG000003183	HNRNPC	heterogen	ENSG000002188641	0.183415	0.583628	0.314266
ENSG0000083852	SETDB2	SET domai	ENSG000003033757	0.329508	1.048941	0.314134
ENSG000004641	MYO1C	myosin IC	ENSG000001942249	-0.19144	0.609522	-0.31409
ENSG000006729	SRP54	signal reco	ENSG000002762216	-0.34568	1.100804	-0.31402
ENSG0000011333	PDAP1	PDGFA ass	ENSG000007337308	0.246313	0.784431	0.314002
ENSG000006634	SNRPD3	small nucle	ENSG000004044957	-0.29733	0.946946	-0.31399
ENSG0000023113	CUL9	cullin 9	ENSG000002762844	-0.34955	1.113891	-0.31381
ENSG000007639	ZNF85	zinc finger	ENSG000004023352	0.89365	2.848229	0.313756
ENSG0000051765	STK26	serine/thre	ENSG000004023352	0.89365	2.848229	0.313756

ENSG0000051081	MRPS7	mitochond	ENSG0000062.64248	0.254967	0.81263	0.313756
ENSG00000100505783	OSER1-DT	OSER1 dive	ENSG000007.873811	-0.60254	1.921597	-0.31356
ENSG0000028959	TMEM176I	transmembr	ENSG0000028.0863	0.367529	1.172221	0.313532
ENSG0000022839	DLGAP4	DLG associ	ENSG0000032.00398	-0.32984	1.052419	-0.31341
ENSG0000051161	C3orf18	chromosom	ENSG0000035.66076	0.312991	0.998866	0.313346
ENSG00000152195	NUDT16P1	nudix hydr	ENSG000009.262315	0.545069	1.739663	0.313319
ENSG0000091373	UAP1L1	UDP-N-ace	ENSG000009.262315	0.545069	1.739663	0.313319
ENSG000000211592			ENSG0000054.85328	-1.73886	5.550355	-0.31329
ENSG00000146862	UNC45B	unc-45 myo	ENSG00000294.1216	0.185214	0.59163	0.313058
ENSG0000079680	RTL10	retrotransp	ENSG0000023.24335	0.365536	1.168013	0.312956
ENSG00000644596	SMIM10L2	small integ	ENSG000005.626336	-0.72673	2.322482	-0.31291
ENSG000007187	TRAF3	TNF recept	ENSG0000023.35725	-0.37296	1.192285	-0.31281
ENSG000000270188			ENSG000003.339889	-1.03858	3.320312	-0.3128
ENSG0000055225	RAVER2	ribonucleo	ENSG0000048.29186	0.274715	0.878402	0.312744
ENSG000009877	ZC3H11A	zinc finger	ENSG00000204.2467	-0.18555	0.593508	-0.31264
ENSG000006427	SRSF2	serine and	ENSG0000044.65288	-0.28525	0.91268	-0.31254
ENSG0000056895	AGPAT4	1-acylglyce	ENSG000005.548391	-0.71459	2.28767	-0.31237
ENSG00000285989	ZNF789	zinc finger	ENSG000005.548391	-0.71459	2.28767	-0.31237
ENSG00000387763	C11orf96	chromosom	ENSG000005.548391	-0.71459	2.28767	-0.31237
ENSG000005902	RANBP1	RAN bindin	ENSG0000014.44596	0.442694	1.417553	0.312295
ENSG00000441518	RTL8B	retrotransp	ENSG0000010.12128	-0.53636	1.717559	-0.31228
ENSG000009364	RAB28	RAB28, me	ENSG0000023.26597	0.361472	1.159573	0.311728
ENSG0000079364	ZXDC	ZXD family	ENSG0000031.86444	-0.32351	1.038053	-0.31165
ENSG000000255310			ENSG000003.155095	-0.93955	3.016806	-0.31144
ENSG00000784	CACNB3	calcium vo	ENSG000003.155095	-0.93955	3.016806	-0.31144
ENSG000000271147			ENSG000003.155095	-0.93955	3.016806	-0.31144
ENSG0000055677	IWS1	IWS1, SUP	ENSG0000059.12931	0.255611	0.821011	0.311337
ENSG00000285605	DTWD2	DTW doma	ENSG0000016.75058	-0.42366	1.36083	-0.31133
ENSG0000055275	VPS53	VPS53, GAI	ENSG0000055.23909	-0.26476	0.850448	-0.31131
ENSG0000010533	ATG7	autophagy	ENSG0000026.68485	0.348115	1.118396	0.311263
ENSG000004839	NOP2	NOP2 nucl	ENSG0000018.95908	-0.40853	1.312506	-0.31126
ENSG0000054861	SNRK	SNF relate	ENSG0000066.07392	0.252315	0.810632	0.311257
ENSG000001004	CDH6	cadherin 6	ENSG0000010.97176	0.49896	1.603072	0.311253
ENSG0000023480	SEC61G	Sec61 tran	ENSG0000010.97176	0.49896	1.603072	0.311253
ENSG00000125150	ZSWIM7	zinc finger	ENSG0000010.97176	0.49896	1.603072	0.311253
ENSG00000665	BNIP3L	BCL2 inter	ENSG00000129.1905	-0.21191	0.68107	-0.31115
ENSG0000064110	MAGEF1	MAGE fam	ENSG0000014.54836	-0.4512	1.450513	-0.31106
ENSG000002585	GALK2	galactokin	ENSG0000028.58916	0.335295	1.078013	0.311031
ENSG0000010081	PDCD7	programm	ENSG0000016.19437	0.420398	1.351852	0.310979
ENSG0000057209	ZNF248	zinc finger	ENSG0000026.78542	0.34147	1.098086	0.310968
ENSG000000278934			ENSG000007.912783	-0.60701	1.953226	-0.31077
ENSG0000065264	UBE2Z	ubiquitin c	ENSG0000065.77377	-0.24736	0.796691	-0.31049
ENSG000007155	TOP2B	DNA topoi	ENSG00000207.9626	0.18574	0.598259	0.310467
ENSG000005239	PGM5	phosphogl	ENSG00000176.7097	0.196232	0.632154	0.310418
ENSG0000051460	SFMBT1	Scm like wi	ENSG0000018.91383	-0.4007	1.291286	-0.31031
ENSG0000064208	POPDC3	popeye do	ENSG0000017.98176	0.400422	1.290429	0.310301
ENSG000008733	GPAA1	glycosylph	ENSG0000017.98176	0.400422	1.290429	0.310301

ENSG00000157146	ENSG00000157146	TMEM159	transmeml	ENSG00000157146	99.73215	-0.2231	0.719058	-0.31027
ENSG00000184881	ENSG00000184881	RPUSD4	RNA pseud	ENSG00000184881	32.04295	-0.33131	1.068111	-0.31018
ENSG0000011031	ENSG0000011031	CDKN2C	cyclin depe	ENSG0000011031	9.284941	0.533456	1.720241	0.310106
ENSG0000019704	ENSG0000019704	DHX34	DExH-box l	ENSG0000019704	9.284941	0.533456	1.720241	0.310106
ENSG0000017700	ENSG0000017700	ZNF141	zinc finger	ENSG0000017700	31.87072	-0.32677	1.053879	-0.31006
ENSG00000157158	ENSG00000157158	JPH2	junctophil	ENSG00000157158	140.8262	0.19806	0.638901	0.310002
ENSG000001284613	ENSG000001284613	CYB561D1	cytochrom	ENSG000001284613	11.01073	0.496063	1.600651	0.309914
ENSG00000125805	ENSG00000125805	BAMBI	BMP and a	ENSG00000125805	11.01073	0.496063	1.600651	0.309914
ENSG00000190417	ENSG00000190417	KNSTRN	kinetochor	ENSG00000190417	11.01073	0.496063	1.600651	0.309914
ENSG0000018831	ENSG0000018831	SYNGAP1	synaptic R	ENSG0000018831	16.23334	0.418224	1.350021	0.30979
ENSG00000164857	ENSG00000164857	PLEKHG2	pleckstrin l	ENSG00000164857	31.82547	-0.32219	1.04036	-0.3097
ENSG00000190871	ENSG00000190871	DMAC1	distal mem	ENSG00000190871	41.06817	0.295243	0.953599	0.30961
ENSG00000151372	ENSG00000151372	TMA7	translation	ENSG00000151372	7.559152	0.587238	1.897026	0.309557
ENSG00000164221	ENSG00000164221	ROBO3	roundabou	ENSG00000164221	7.559152	0.587238	1.897026	0.309557
ENSG0000015598	ENSG0000015598	MAPK7	mitogen-ac	ENSG0000015598	7.559152	0.587238	1.897026	0.309557
ENSG000001339327	ENSG000001339327	ZNF546	zinc finger	ENSG000001339327	12.73652	0.468433	1.514229	0.309354
ENSG00000156980	ENSG00000156980	PRDM10	PR/SET dor	ENSG00000156980	10.09866	-0.52889	1.709679	-0.30935
ENSG0000016565	ENSG0000016565	SLC15A2	solute carr	ENSG0000016565	10.9881	0.505392	1.634115	0.309276
ENSG00000164792	ENSG00000164792	IFT22	intraflagell	ENSG00000164792	10.9881	0.505392	1.634115	0.309276
ENSG00000111083	ENSG00000111083	DIDO1	death indu	ENSG00000111083	82.57444	-0.22926	0.741379	-0.30924
ENSG00000100233178	ENSG00000100233178			ENSG00000100233178	12.32351	-0.48279	1.561403	-0.30921
ENSG00000122873	ENSG00000122873	DZIP1	DAZ intera	ENSG00000122873	14.40699	0.445217	1.440722	0.309024
ENSG00000100183444	ENSG00000100183444			ENSG00000100183444	5.525766	-0.70122	2.269671	-0.30895
ENSG000001197358	ENSG000001197358	NLRC3	NLR family	ENSG000001197358	5.525766	-0.70122	2.269671	-0.30895
ENSG0000017737	ENSG0000017737	RNF113A	ring finger	ENSG0000017737	5.525766	-0.70122	2.269671	-0.30895
ENSG00000151104	ENSG00000151104	ABHD17B	abhydrolas	ENSG00000151104	7.834838	-0.59826	1.937081	-0.30884
ENSG00000184942	ENSG00000184942	WDR73	WD repeat	ENSG00000184942	7.834838	-0.59826	1.937081	-0.30884
ENSG0000018738	ENSG0000018738	CRADD	CASP2 and	ENSG0000018738	25.07598	0.347288	1.124503	0.308837
ENSG00000155661	ENSG00000155661	DDX27	DEAD-box	ENSG00000155661	18.98171	-0.41223	1.334886	-0.30881
ENSG000001202018	ENSG000001202018	TAPT1	transmeml	ENSG000001202018	38.20837	-0.29905	0.968444	-0.30879
ENSG00000151439	ENSG00000151439	FAM8A1	family with	ENSG00000151439	55.33705	0.264734	0.857504	0.308726
ENSG0000014681	ENSG0000014681	NBL1	NBL1, DAN	ENSG0000014681	3.116123	-0.92973	3.01216	-0.30866
ENSG00000155732	ENSG00000155732	C1orf112	chromosor	ENSG00000155732	3.116123	-0.92973	3.01216	-0.30866
ENSG00000122235	ENSG00000122235	FBXL13	F-box and l	ENSG00000122235	3.116123	-0.92973	3.01216	-0.30866
ENSG000001105755954	ENSG000001105755954	ADGRD1-A	ADGRD1 ar	ENSG000001105755954	3.116123	-0.92973	3.01216	-0.30866
ENSG00000100263013	ENSG00000100263013			ENSG00000100263013	3.116123	-0.92973	3.01216	-0.30866
ENSG00000100261502	ENSG00000100261502			ENSG00000100261502	3.116123	-0.92973	3.01216	-0.30866
ENSG00000100279275	ENSG00000100279275			ENSG00000100279275	3.116123	-0.92973	3.01216	-0.30866
ENSG00000156848	ENSG00000156848	SPHK2	sphingosin	ENSG00000156848	3.116123	-0.92973	3.01216	-0.30866
ENSG00000100236526	ENSG00000100236526			ENSG00000100236526	3.116123	-0.92973	3.01216	-0.30866
ENSG0000015095	ENSG0000015095	PCCA	propionyl-(	ENSG0000015095	53.76715	0.2603	0.843503	0.308595
ENSG00000129761	ENSG00000129761	USP25	ubiquitin s	ENSG00000129761	113.5202	0.208573	0.67593	0.308572
ENSG000001131076	ENSG000001131076	CCDC58	coiled-coil	ENSG000001131076	7.598125	0.583447	1.891179	0.30851
ENSG000001123688	ENSG000001123688	HYKK	hydroxylys	ENSG000001123688	7.598125	0.583447	1.891179	0.30851
ENSG0000012186	ENSG0000012186	BPTF	bromodorr	ENSG0000012186	243.6929	-0.17732	0.574916	-0.30842
ENSG00000157110	ENSG00000157110	HRASLS	HRAS like s	ENSG00000157110	4.247119	0.775392	2.514339	0.308388
ENSG00000181786	ENSG00000181786	TRIM7	tripartite n	ENSG00000181786	4.247119	0.775392	2.514339	0.308388

ENSG000001476	CSTB	cystatin B	ENSG00000121.09343	-0.3808	1.235657	-0.30818
ENSG00000345778	MTX3	metaxin 3	ENSG00000138.22472	-0.29826	0.968227	-0.30805
ENSG000007702	ZNF143	zinc finger	ENSG00000127.86476	-0.36993	1.200929	-0.30803
ENSG000007756	ZNF207	zinc finger	ENSG000001126.5546	-0.20288	0.66038	-0.30722
ENSG0000010921	RNPS1	RNA binding	ENSG00000142.98503	0.282619	0.920513	0.307024
ENSG0000054623	PAF1	PAF1 homolog	ENSG00000141.18129	0.284745	0.92822	0.306765
ENSG0000057092	PCNP	PEST protein	ENSG00000193.649	0.217594	0.709668	0.306614
ENSG00000100506688	LOC100506688	uncharacterized	ENSG00000114.56471	-0.44853	1.463768	-0.30642
ENSG0000055072	RNF31	ring finger	ENSG00000114.50756	0.43334	1.414282	0.306403
ENSG000003340	NDST1	N-deacetylase	ENSG000001101.4214	-0.21585	0.704864	-0.30624
ENSG000002017	CTTN	cortactin	ENSG000001153.7605	-0.19307	0.630597	-0.30617
ENSG00000978	CDA	cytidine deaminase	ENSG0000014.269744	0.746846	2.440807	0.305983
ENSG0000064852	TUT1	terminal uridylyl transferase	ENSG0000014.269744	0.746846	2.440807	0.305983
ENSG00000782	CACNB1	calcium voltage-gated channel auxiliary subunit beta 1	ENSG0000014.269744	0.746846	2.440807	0.305983
ENSG000008833	GMPS	guanine nucleoside phosphorylase	ENSG00000144.585	-0.28037	0.916421	-0.30594
ENSG0000054996	MARC2	mitochondrial ADP/ATP carrier 2	ENSG00000116.68898	-0.41691	1.362767	-0.30593
ENSG0000080179	MYO19	myosin XIX	ENSG00000118.87486	-0.39865	1.303329	-0.30587
ENSG000001978	EIF4EBP1	eukaryotic translation initiation factor 4E binding protein 1	ENSG00000116.25597	0.412083	1.347729	0.305761
ENSG0000083877	TM2D2	TM2 domain protein	ENSG00000119.7528	0.380879	1.245685	0.305759
ENSG0000025900	IFFO1	intermediate filament forming protein 1	ENSG00000117.90381	0.404719	1.323903	0.305701
ENSG0000092979	MARCH9	membrane-associated guanylate kinase with tail domain 9	ENSG0000017.812213	-0.58865	1.925823	-0.30566
ENSG000007185	TRAF1	TNF receptor associated factor 1	ENSG0000015.933934	0.642745	2.105489	0.305271
ENSG00000126326	GIPC3	GIPC PDZ domain protein 3	ENSG0000015.933934	0.642745	2.105489	0.305271
ENSG0000010955	SERINC3	serine incorporation factor 3	ENSG000001224.7189	-0.17848	0.584891	-0.30515
ENSG0000063908	NAPB	NSF attachment protein B	ENSG00000118.85224	-0.39468	1.294197	-0.30496
ENSG00000440567	UQCRHL	ubiquinol-cytochrome b reductase h subunit	ENSG00000111.03335	0.486519	1.595563	0.30492
ENSG00000100093630	SNHG8	small nucleolar RNA H8	ENSG00000111.03335	0.486519	1.595563	0.30492
ENSG0000055854	ZC3H15	zinc finger CCHC domain containing 15	ENSG00000146.61133	0.270661	0.887703	0.304901
ENSG000009663	LPIN2	lipin 2	ENSG00000135.85183	0.298139	0.977946	0.304863
ENSG000008427	ZNF282	zinc finger	ENSG00000114.48676	-0.44347	1.455168	-0.30475
ENSG00000137964	GPAT4	glycerol-3-phosphate acyltransferase 4	ENSG00000142.38905	-0.28441	0.933426	-0.3047
ENSG000000256274			ENSG0000012.543956	1.043255	3.424643	0.304632
ENSG0000079785	RERGL	RERGL like	ENSG0000012.543956	1.043255	3.424643	0.304632
ENSG000000279330			ENSG0000012.543956	1.043255	3.424643	0.304632
ENSG0000055009	C19orf24	chromosome 19 open reading frame 24	ENSG0000012.543956	1.043255	3.424643	0.304632
ENSG00000340533	NEXMIF	neurite extension factor	ENSG0000012.543956	1.043255	3.424643	0.304632
ENSG000007552	ZNF711	zinc finger	ENSG0000012.543956	1.043255	3.424643	0.304632
ENSG00000102157402	AK6	adenylate kinase 6	ENSG0000017.851185	-0.59303	1.946854	-0.30461
ENSG0000057143	ADCK1	aarF domain containing 1	ENSG00000112.30088	-0.4766	1.565301	-0.30448
ENSG00000653160	LOC653160	uncharacterized	ENSG0000012.667151	0.921264	3.027802	0.304268
ENSG00000677834	SNORA55	small nucleolar RNA 55	ENSG0000012.667151	0.921264	3.027802	0.304268
ENSG00000100506054	RNASEH1-1	RNASEH1 alternative 1	ENSG0000012.667151	0.921264	3.027802	0.304268
ENSG000000200488			ENSG0000012.667151	0.921264	3.027802	0.304268
ENSG000001238	ACKR2	atypical chemokine receptor 2	ENSG0000012.667151	0.921264	3.027802	0.304268
ENSG00000729178	STXBP5-AS	STXBP5 antisense 1	ENSG0000012.667151	0.921264	3.027802	0.304268
ENSG00000136895	C7orf31	chromosome 7 open reading frame 31	ENSG0000012.667151	0.921264	3.027802	0.304268
ENSG00000100289388	KCTD21-AS	KCTD21 antisense 1	ENSG0000012.667151	0.921264	3.027802	0.304268

ENSG00000125336	ENSG00000265625		ENSG00000125336	ENSG00000265625	2.667151	0.921264	3.027802	0.304268
ENSG00000148046	ENSG00000269044	LOXHD1	lipoxigenase	ENSG00000148046	2.667151	0.921264	3.027802	0.304268
ENSG00000148213	ENSG000001628	CIRBP-AS1	CIRBP antisense	ENSG00000148213	2.667151	0.921264	3.027802	0.304268
ENSG000001628	ENSG00000414919			ENSG000001628	2.667151	0.921264	3.027802	0.304268
ENSG00000414919	ENSG0000057647	ZNF681	zinc finger protein	ENSG00000414919	2.667151	0.921264	3.027802	0.304268
ENSG0000057647	ENSG00000147166	DBP	D-box binding protein	ENSG0000057647	2.667151	0.921264	3.027802	0.304268
ENSG00000147166	ENSG000009049	C8orf82	chromosome 8 open reading frame 82	ENSG00000147166	10.05969	-0.52541	1.72798	-0.30406
ENSG000009049	ENSG000007957	DHX37	DEAH-box protein 37	ENSG000009049	10.05969	-0.52541	1.72798	-0.30406
ENSG000007957	ENSG0000056270	TRIM16L	tripartite motif domain containing 16L	ENSG000007957	12.68682	-0.52972	1.742593	-0.30398
ENSG0000056270	ENSG0000011011	AIP	aryl hydrocarbon receptor interacting protein	ENSG0000056270	23.35019	0.351657	1.157075	0.303919
ENSG0000011011	ENSG000009421	EPM2A	EPM2A, laforaine	ENSG0000011011	38.12415	-0.29406	0.967679	-0.30388
ENSG000009421	ENSG000004548	WDR45B	WD repeat domain 45B	ENSG000009421	46.62506	-0.27284	0.897988	-0.30384
ENSG000004548	ENSG0000029066	TLK2	tousled like kinase 2	ENSG000004548	55.66138	0.253259	0.834847	0.303359
ENSG0000029066	ENSG0000010450	HAND1	heart and neural crest derivatives expressed 1	ENSG0000029066	9.323913	0.529999	1.747139	0.303353
ENSG0000010450	ENSG0000084708	MTR	5-methyltetrahydrofolate methyltransferase	ENSG0000010450	203.803	-0.18073	0.595952	-0.30327
ENSG0000084708	ENSG0000023322	ZC3H7A	zinc finger protein CCHC domain containing 3H7A	ENSG0000084708	57.14967	-0.25338	0.835934	-0.30311
ENSG0000023322	ENSG0000057542	PPIE	peptidylprolyl isomerase	ENSG0000023322	16.217	0.414381	1.367515	0.303018
ENSG0000057542	ENSG000009711	LNX1	ligand of neuropilin 1	ENSG0000057542	16.217	0.414381	1.367515	0.303018
ENSG000009711	ENSG00000147495	RPGRIP1L	RPGRIP1 like 1	ENSG000009711	10.07603	-0.52136	1.720793	-0.30298
ENSG00000147495	ENSG000004719	KLHL42	kelch like family class B member 42	ENSG00000147495	25.36461	-0.35389	1.169682	-0.30255
ENSG000004719	ENSG000001674	RUBCN	RUN and cyclin dependent kinase 2 binding protein	ENSG000004719	61.05244	0.246118	0.813644	0.302489
ENSG000001674	ENSG000002549	APCDD1	APC down-regulated 1	ENSG000001674	31.85816	-0.32027	1.05883	-0.30247
ENSG000002549	ENSG00000118813	NDUFS1	NADH:ubiquinone oxidoreductase subunit 1	ENSG000002549	653.2697	0.164412	0.543727	0.302379
ENSG00000118813	ENSG00000146198	DES	desmin	ENSG00000146198	8474.803	0.159525	0.52774	0.30228
ENSG00000146198	ENSG0000085013	GAB1	GRB2 associated protein 1	ENSG00000146198	128.6462	-0.20286	0.671137	-0.30226
ENSG0000085013	ENSG00000283547	ZFYVE27	zinc finger protein FYVE domain containing 27	ENSG0000085013	14.54653	0.430924	1.425726	0.302249
ENSG00000283547	ENSG0000051605	ZFP90	ZFP90 zinc finger protein	ENSG0000051605	21.60178	0.361103	1.194827	0.302222
ENSG0000051605	ENSG0000057587	TMEM128	transmembrane protein 128	ENSG0000057587	7.62075	0.568867	1.882798	0.302139
ENSG0000057587	ENSG0000084632	LINC00639	long intergenic non-coding RNA 639	ENSG0000084632	7.62075	0.568867	1.882798	0.302139
ENSG0000084632	ENSG0000055272	TRMT6	tRNA methyltransferase 6	ENSG0000084632	10.03706	-0.51792	1.714282	-0.30212
ENSG0000055272	ENSG0000080224	CFAP97	cilia and flagellum associated protein 97	ENSG0000055272	40.29368	-0.29285	0.969312	-0.30212
ENSG0000080224	ENSG0000055303	AFAP1L2	actin filament associated protein 1L2	ENSG0000080224	9.346538	0.518655	1.716953	0.302079
ENSG0000055303	ENSG0000027043	IMP3	IMP3, U3 small nuclear ribonucleoprotein	ENSG0000055303	9.346538	0.518655	1.716953	0.302079
ENSG0000027043	ENSG0000079903	NUBPL	nucleotide binding protein-like	ENSG0000079903	28.52128	0.344241	1.139625	0.302066
ENSG0000079903	ENSG000008896	GIMAP4	GTPase, IV domain containing 4	ENSG000008896	61.14674	0.244972	0.811227	0.301977
ENSG000008896	ENSG00000285440	PELP1	proline, glutamate rich protein 1	ENSG00000285440	27.51531	-0.3361	1.11357	-0.30182
ENSG00000285440	ENSG000008874	NAA60	N(alpha)-acetyltransferase 60	ENSG000008874	21.17138	-0.38485	1.275331	-0.30176
ENSG000008874	ENSG0000054464	BUD31	BUD31 homolog	ENSG0000054464	11.07233	0.483604	1.603094	0.301669
ENSG0000054464	ENSG0000055669	CYP4V2	cytochrome P450 4V2	ENSG0000055669	46.63395	0.268833	0.891162	0.301666
ENSG0000055669	ENSG000003454	ARHGEF7	Rho guanine nucleotide exchange factor 7	ENSG0000055669	80.36215	-0.22991	0.762201	-0.30164
ENSG000003454	ENSG000005394	XRN1	5'-3' exonuclease 1	ENSG000003454	144.5656	0.194185	0.643939	0.301558
ENSG000005394	ENSG000005150	MFN1	mitofusin 1	ENSG000005394	81.10211	0.222833	0.739246	0.301432
ENSG000005150	ENSG0000027072	IFNAR1	interferon alpha receptor 1	ENSG000005150	84.45233	-0.22285	0.739399	-0.3014
ENSG0000027072	ENSG000004141	EXOSC10	exosome component 10	ENSG000004141	32.07591	0.318852	1.058038	0.301361
ENSG000004141		PDE7A	phosphodiesterase 7A	ENSG000004141	128.4088	0.196717	0.652872	0.30131
		VPS41	VPS41, HOPS complex	ENSG000004141	61.16936	0.243632	0.808607	0.301298
		MARS	methionyl-tRNA synthetase	ENSG000004141	57.54934	0.248709	0.825478	0.301291

ENSG000001642	DDB1	damage sp	ENSG00000201.4901	-0.1793	0.595501	-0.30109
ENSG00000653635	WASH7P	WAS prote	ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG00000272153			ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG00000233478			ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG00000222112			ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG00000105378744	LINC01767	long interg	ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG0000022854	NTNG1	netrin G1	ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG00000201900			ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG00000236327			ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG00000276359			ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG00000149281	METTL11B	methyltrar	ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG00000228686			ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG00000725	C4BPB	compleme	ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG00000574036	SERTAD4-A	SERTAD4 a	ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG000003776	KCNK2	potassium	ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG00000285016	ALKAL2	ALK and LT	ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG00000104326052	NRIR	negative re	ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG00000400946	LINC00954	long interg	ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG0000064838	FNDC4	fibronectin	ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG000007498	XDH	xanthine d	ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG00000235937			ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG00000100874334	TCF7L1-IT1	TCF7L1 int	ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG00000239855			ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG00000143429			ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG00000101929680	SCN1A-AS1	SCN1A and	ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG00000228509			ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG000009942	XYLB	xylulokinas	ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG00000241535			ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG00000151827	LRRC34	leucine ric	ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG00000249995			ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG00000242262			ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG00000269506			ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG00000251399			ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG00000251126			ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG0000057575	PCDH10	protocadh	ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG00000303	ANXA2P1	annexin A2	ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG00000251596			ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG00000251171			ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG00000251476			ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG00000279985			ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG00000272406			ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG00000248350			ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG00000101927934	LINC01843	long interg	ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG000009782	MATR3	matrin 3	ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG00000100505636	MALINC1	mitosis ass	ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG000003135	HLA-G	major histc	ENSG000000.829676	-1.80538	5.997782	-0.30101
ENSG00000217653			ENSG000000.829676	-1.80538	5.997782	-0.30101

ENSG0000I	ENSG0000I	285740	PHACTR2-1	PHACTR2 a	ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG000000227719				ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG0000I	84820	POLR2J4	RNA polym	ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG0000I	677796	SNORA5C	small nucle	ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG0000I	105375355	UPK3B	uroplakin 3	ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG0000I	100505767	SPDYE18	speedy/RII	ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG0000I	613126	CYP51A1-A	CYP51A1 a	ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG000000273055				ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG000000205879				ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG000000254002				ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG000000254025				ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG000000271113				ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG000000243601				ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG0000I	84933	C8orf76	chromosor	ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG000000254388				ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG0000I	101927588	LOC101927	uncharacte	ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG000000281855				ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG0000I	4796	TONSL	tonsoku lik	ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG000000231808				ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG000000227383				ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG0000I	105376168	LOC105376	uncharacte	ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG000000228487				ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG000000233021				ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG0000I	220979	C10orf25	chromosor	ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG0000I	340745	LRIT2	leucine ricl	ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG000000203876				ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
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ENSG0000I	ENSG0000I	101928053	LOC101928	uncharacte	ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG000000248990				ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG000000254672				ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG0000I	85016	CFAP300	cilia and fla	ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG0000I	100506742	CASP12	caspase 12	ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG000000274303				ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG000000247853				ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG000000243141				ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG0000I	2904	GRIN2B	glutamate	ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG0000I	85478	CCDC65	coiled-coil	ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG000000257146				ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG000000258302				ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG000000277283				ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG000000223576				ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG000000228036				ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG0000I	643866	CBLN3	cerebellin 3	ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG0000I	10538	BATF	basic leucir	ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG0000I	145497	LRRC74A	leucine ricl	ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG000000222990				ENSG0000I	0.829676	-1.80538	5.997782	-0.30101
ENSG0000I	ENSG000000278396				ENSG0000I	0.829676	-1.80538	5.997782	-0.30101

ENSG000001211935			ENSG000001211935	0.829676	-1.80538	5.997782	-0.30101
ENSG000001282651			ENSG000001282651	0.829676	-1.80538	5.997782	-0.30101
ENSG000001211945			ENSG000001211945	0.829676	-1.80538	5.997782	-0.30101
ENSG000001213862			ENSG000001213862	0.829676	-1.80538	5.997782	-0.30101
ENSG000001261544			ENSG000001261544	0.829676	-1.80538	5.997782	-0.30101
ENSG000001105370888	TMEM202	TMEM202	ENSG000001105370888	0.829676	-1.80538	5.997782	-0.30101
ENSG000001244056			ENSG000001244056	0.829676	-1.80538	5.997782	-0.30101
ENSG000001259314			ENSG000001259314	0.829676	-1.80538	5.997782	-0.30101
ENSG000001279645			ENSG000001279645	0.829676	-1.80538	5.997782	-0.30101
ENSG000001280291			ENSG000001280291	0.829676	-1.80538	5.997782	-0.30101
ENSG000001388182	SPATA41	spermatog	ENSG000001388182	0.829676	-1.80538	5.997782	-0.30101
ENSG000001185710			ENSG000001185710	0.829676	-1.80538	5.997782	-0.30101
ENSG000001112755	STX1B	syntaxin 1B	ENSG000001112755	0.829676	-1.80538	5.997782	-0.30101
ENSG0000012303	FOXC2	forkhead box C2	ENSG0000012303	0.829676	-1.80538	5.997782	-0.30101
ENSG000001283860	LINC00304	long intergenic non-coding RNA	ENSG000001283860	0.829676	-1.80538	5.997782	-0.30101
ENSG000001263345			ENSG000001263345	0.829676	-1.80538	5.997782	-0.30101
ENSG000001643664	SLC35G6	solute carrier family 35 member 6	ENSG000001643664	0.829676	-1.80538	5.997782	-0.30101
ENSG000001100996842	LOC100996842	uncharacterized protein	ENSG000001100996842	0.829676	-1.80538	5.997782	-0.30101
ENSG000001264727			ENSG000001264727	0.829676	-1.80538	5.997782	-0.30101
ENSG0000016357	CCL13	C-C motif chemokine 13	ENSG0000016357	0.829676	-1.80538	5.997782	-0.30101
ENSG000001275839			ENSG000001275839	0.829676	-1.80538	5.997782	-0.30101
ENSG000001278963			ENSG000001278963	0.829676	-1.80538	5.997782	-0.30101
ENSG000001267733			ENSG000001267733	0.829676	-1.80538	5.997782	-0.30101
ENSG0000011149	CIDEA	cell death inducing factor	ENSG0000011149	0.829676	-1.80538	5.997782	-0.30101
ENSG000001374864	CCDC178	coiled-coil domain containing 178	ENSG000001374864	0.829676	-1.80538	5.997782	-0.30101
ENSG000001267585			ENSG000001267585	0.829676	-1.80538	5.997782	-0.30101
ENSG00000181616	ACSBG2	acyl-CoA synthetase family class B member 2	ENSG00000181616	0.829676	-1.80538	5.997782	-0.30101
ENSG000001269680			ENSG000001269680	0.829676	-1.80538	5.997782	-0.30101
ENSG000001268081			ENSG000001268081	0.829676	-1.80538	5.997782	-0.30101
ENSG000001268555			ENSG000001268555	0.829676	-1.80538	5.997782	-0.30101
ENSG000001269431			ENSG000001269431	0.829676	-1.80538	5.997782	-0.30101
ENSG000001284348	LYPD5	LY6/PLAUR domain containing 5	ENSG000001284348	0.829676	-1.80538	5.997782	-0.30101
ENSG000001126129	CPT1C	carnitine palmitoyltransferase 1C	ENSG000001126129	0.829676	-1.80538	5.997782	-0.30101
ENSG000001259307	IL4I1	interleukin 4 inducible 1	ENSG000001259307	0.829676	-1.80538	5.997782	-0.30101
ENSG000001260160			ENSG000001260160	0.829676	-1.80538	5.997782	-0.30101
ENSG00000151378	ANGPT4	angiopoietin 4	ENSG00000151378	0.829676	-1.80538	5.997782	-0.30101
ENSG000001277425			ENSG000001277425	0.829676	-1.80538	5.997782	-0.30101
ENSG000001284805	C20orf203	chromosome 20 open reading frame 203	ENSG000001284805	0.829676	-1.80538	5.997782	-0.30101
ENSG000001275223			ENSG000001275223	0.829676	-1.80538	5.997782	-0.30101
ENSG000001101927117	PLCG1-AS1	PLCG1 antisense 1	ENSG000001101927117	0.829676	-1.80538	5.997782	-0.30101
ENSG0000017022	TFAP2C	transcription factor AP-2 class C	ENSG0000017022	0.829676	-1.80538	5.997782	-0.30101
ENSG000001231201			ENSG000001231201	0.829676	-1.80538	5.997782	-0.30101
ENSG000001101927973	LINC01695	long intergenic non-coding RNA	ENSG000001101927973	0.829676	-1.80538	5.997782	-0.30101
ENSG0000017033	TFF3	trefoil factor 3	ENSG0000017033	0.829676	-1.80538	5.997782	-0.30101
ENSG000001875	CBS	cystathionine beta-synthase	ENSG000001875	0.829676	-1.80538	5.997782	-0.30101
ENSG000001211673			ENSG000001211673	0.829676	-1.80538	5.997782	-0.30101
ENSG00000129774	POM121L9	POM121 transmembrane protein 9	ENSG00000129774	0.829676	-1.80538	5.997782	-0.30101

ENSG000001213707			ENSG000001213707	0.829676	-1.80538	5.997782	-0.30101
ENSG0000012847	MCHR1	melanin co	ENSG0000012847	0.829676	-1.80538	5.997782	-0.30101
ENSG000001150353	DNAJB7	DnaJ heat s	ENSG000001150353	0.829676	-1.80538	5.997782	-0.30101
ENSG0000010273253			ENSG0000010273253	0.829676	-1.80538	5.997782	-0.30101
ENSG000001693122	MIR421	microRNA	ENSG000001693122	0.829676	-1.80538	5.997782	-0.30101
ENSG0000016780	STAU1	staufen do	ENSG0000016780	124.2292	-0.20007	0.665032	-0.30085
ENSG0000014638	MYLK	myosin lig	ENSG0000014638	52.06399	0.257888	0.857371	0.30079
ENSG00000126133	TRPC4AP	transient r	ENSG00000126133	62.96303	0.240816	0.800973	0.300654
ENSG000001662	BNIP1	BCL2 inter	ENSG000001662	5.894962	0.647521	2.154278	0.300574
ENSG00000155319	TMA16	translation	ENSG00000155319	9.307566	0.522001	1.736925	0.300531
ENSG0000010228108			ENSG0000010228108	3.093498	-0.90627	3.016349	-0.30045
ENSG0000010279456			ENSG0000010279456	3.093498	-0.90627	3.016349	-0.30045
ENSG0000010215302			ENSG0000010215302	3.093498	-0.90627	3.016349	-0.30045
ENSG00000155711	FAR2	fatty acyl-C	ENSG00000155711	19.85337	0.372225	1.238899	0.300448
ENSG000001490	ATP2B1	ATPase pla	ENSG000001490	41.26551	0.279415	0.930093	0.300417
ENSG00000184864	RIOX2	ribosomal	ENSG00000184864	16.62739	-0.41012	1.36548	-0.30035
ENSG0000018697	CDC23	cell divisio	ENSG0000018697	30.54499	0.313356	1.045168	0.299814
ENSG0000012071	ERCC3	ERCC excis	ENSG0000012071	30.52864	0.31175	1.04016	0.299714
ENSG000001168537	GIMAP7	GTPase, IV	ENSG000001168537	29.79797	-0.34328	1.145975	-0.29955
ENSG000001153241	CEP120	centrosom	ENSG000001153241	35.92192	-0.29691	0.991593	-0.29942
ENSG00000126040	SETBP1	SET bindin	ENSG00000126040	38.2599	-0.30508	1.018996	-0.29939
ENSG0000014708	NDUFB2	NADH:ubic	ENSG0000014708	72.00053	0.233993	0.781769	0.299312
ENSG00000123456	ABCB10	ATP bindin	ENSG00000123456	23.37282	0.347623	1.161811	0.299207
ENSG00000179629	OCEL1	occludin/E	ENSG00000179629	5.50314	-0.68771	2.298765	-0.29917
ENSG00000165003	MRPL11	mitochond	ENSG00000165003	18.08233	0.390811	1.30721	0.298966
ENSG00000155715	DOK4	docking pr	ENSG00000155715	5.464168	-0.68177	2.280451	-0.29896
ENSG000001339230	CCDC137	coiled-coil	ENSG000001339230	5.464168	-0.68177	2.280451	-0.29896
ENSG0000018525	DGKZ	diacylglyce	ENSG0000018525	61.18571	0.24412	0.816562	0.298961
ENSG0000016832	SUPV3L1	Suv3 like R	ENSG0000016832	27.55428	-0.33773	1.129753	-0.29894
ENSG00000125836	NIPBL	NIPBL, coh	ENSG00000125836	163.8149	-0.18574	0.621351	-0.29893
ENSG00000110048	RANBP9	RAN bindir	ENSG00000110048	37.70709	0.286975	0.960459	0.298789
ENSG000001219927	MRPL21	mitochond	ENSG000001219927	21.64075	0.359307	1.203098	0.298652
ENSG00000184274	COQ5	coenzyme	ENSG00000184274	23.312	-0.36686	1.22864	-0.29859
ENSG0000015071	PRKN	parkin RBR	ENSG0000015071	27.45371	-0.33187	1.111661	-0.29853
ENSG0000015238	PGM3	phosphogl	ENSG0000015238	26.93124	0.328117	1.09937	0.298459
ENSG000001131118	DNAJC19	DnaJ heat s	ENSG000001131118	37.74606	0.285803	0.957838	0.298384
ENSG00000184622	ZNF594	zinc finger	ENSG00000184622	18.02701	0.38963	1.306079	0.29832
ENSG00000155757	UGGT2	UDP-gluco	ENSG00000155757	33.83662	-0.30392	1.019592	-0.29808
ENSG0000011373	CPS1	carbamoyl	ENSG0000011373	7.789588	-0.57896	1.942699	-0.29802
ENSG00000155808	ST6GALNA	ST6 N-acet	ENSG00000155808	7.789588	-0.57896	1.942699	-0.29802
ENSG0000017975	MAFK	MAF bZIP t	ENSG0000017975	27.37577	-0.32888	1.10362	-0.298
ENSG00000123411	SIRT1	sirtuin 1	ENSG00000123411	28.78023	0.316403	1.063865	0.297409
ENSG0000010280287			ENSG0000010280287	7.750615	-0.57463	1.932437	-0.29736
ENSG00000193436	ARMC6	armadillo r	ENSG00000193436	7.750615	-0.57463	1.932437	-0.29736
ENSG00000154507	ADAMTSL4	ADAMTS li	ENSG00000154507	34.14866	0.296121	0.996122	0.297274
ENSG0000016745	SSR1	signal sequ	ENSG0000016745	111.9238	0.2043	0.687452	0.297184
ENSG00000128958	COA3	cytochrom	ENSG00000128958	21.66338	0.354925	1.194328	0.297176

ENSG0000011264	PXMP4	peroxisom	ENSG0000012.27826	-0.47049	1.583922	-0.29704
ENSG00000199870	FAM76A	family with	ENSG00000125.2218	0.33295	1.12138	0.29691
ENSG00000144348	ZNF664	zinc finger	ENSG000001147.0142	-0.18882	0.636342	-0.29673
ENSG000001403	ARL3	ADP ribosy	ENSG00000110.01444	-0.51031	1.719868	-0.29672
ENSG00000151124	IER3IP1	immediate	ENSG00000114.44151	-0.43294	1.459246	-0.29669
ENSG0000016633	SNRPD2	small nucle	ENSG00000135.95868	0.289476	0.976776	0.296358
ENSG0000019640	ZNF592	zinc finger	ENSG00000173.80452	-0.22755	0.768149	-0.29623
ENSG00000122906	TRAK1	trafficking	ENSG000001309.5121	-0.19116	0.645352	-0.29621
ENSG00000110269	ZMPSTE24	zinc metall	ENSG00000148.56716	0.259446	0.876195	0.296105
ENSG0000010272335			ENSG00000114.40254	-0.43042	1.454005	-0.29602
ENSG00000110329	RXYLT1	ribitol xylo	ENSG00000114.40254	-0.43042	1.454005	-0.29602
ENSG00000164748	PLPPR2	phospholip	ENSG00000112.22294	-0.47069	1.591305	-0.29579
ENSG0000016884	TAF13	TATA-box b	ENSG00000119.89234	0.37026	1.252691	0.295572
ENSG00000123092	ARHGAP26	Rho GTPas	ENSG000001166.8402	0.182918	0.618919	0.295544
ENSG000001203523	ZNF449	zinc finger	ENSG00000118.12758	0.380109	1.286164	0.295537
ENSG000001192669	AGO3	argonau	ENSG00000175.93887	-0.22545	0.762838	-0.29554
ENSG0000014086	SMAD1	SMAD fam	ENSG00000112.20031	-0.4646	1.572073	-0.29553
ENSG00000160626	RIC8A	RIC8 guani	ENSG00000146.51821	-0.26721	0.904162	-0.29553
ENSG0000014696	NDUFA3	NADH:ubic	ENSG00000141.40506	0.274011	0.927986	0.295275
ENSG0000010232559			ENSG0000017.795865	-0.59322	2.009444	-0.29522
ENSG00000181932	HDHD3	haloacid d	ENSG0000017.795865	-0.59322	2.009444	-0.29522
ENSG0000014358	MPV17	mitochond	ENSG00000129.49377	-0.3163	1.071794	-0.29511
ENSG00000155421	NCBP3	nuclear ca	ENSG00000159.38825	0.242787	0.823069	0.294977
ENSG00000164412	GZF1	GDNF indu	ENSG00000133.73605	-0.2992	1.014549	-0.29491
ENSG00000154942	FAM206A	family with	ENSG00000114.60813	0.421567	1.430064	0.294789
ENSG0000019124	PDLIM1	PDZ and LI	ENSG000001164.8529	0.187367	0.635644	0.294767
ENSG00000155766	H2AFJ	H2A histon	ENSG00000114.59178	0.417153	1.415675	0.294667
ENSG0000019509	ADAMTS2	ADAM met	ENSG00000119.83702	0.369322	1.253604	0.294609
ENSG000001144110	TMEM86A	transmem	ENSG0000019.975464	-0.50687	1.720583	-0.29459
ENSG00000180067	DCAF17	DDB1 and	ENSG00000116.37917	0.395597	1.343054	0.29455
ENSG00000111316	COPE	coatomer	ENSG00000116.37917	0.395597	1.343054	0.29455
ENSG000001389362	PSMG4	proteasom	ENSG0000019.369164	0.507253	1.723019	0.294397
ENSG00000110940	POP1	POP1 hom	ENSG0000019.369164	0.507253	1.723019	0.294397
ENSG00000154998	AURKAIP1	aurora kin	ENSG00000130.62921	0.306044	1.039848	0.294316
ENSG0000014802	NFYC	nuclear tra	ENSG00000135.8377	-0.29159	0.990776	-0.2943
ENSG00000154622	ARL15	ADP ribosy	ENSG00000116.34019	0.397786	1.352122	0.294194
ENSG00000195681	CEP41	centrosom	ENSG0000015.995532	0.619002	2.104843	0.294085
ENSG00000184304	NUDT22	nudix hydr	ENSG0000015.995532	0.619002	2.104843	0.294085
ENSG000001726	CAPN5	calpain 5	ENSG0000015.995532	0.619002	2.104843	0.294085
ENSG00000160673	ATG101	autophagy	ENSG0000015.995532	0.619002	2.104843	0.294085
ENSG00000125870	SUMF2	sulfatase n	ENSG00000129.4548	-0.3149	1.070861	-0.29407
ENSG0000012868	GRK4	G protein-c	ENSG0000017.682348	0.550746	1.873242	0.294007
ENSG00000126046	LTN1	listerin E3	ENSG00000180.05795	-0.22012	0.748817	-0.29396
ENSG0000010260977			ENSG0000014.331342	0.713261	2.427441	0.293832
ENSG00000156938	ARNTL2	aryl hydroc	ENSG0000014.331342	0.713261	2.427441	0.293832
ENSG000001284385	ZNF561-AS	ZNF561 an	ENSG0000014.331342	0.713261	2.427441	0.293832
ENSG00000156915	EXOSC5	exosome c	ENSG0000014.331342	0.713261	2.427441	0.293832

ENSG00000150290	DUSP18	dual specif	ENSG00000150290	4.331342	0.713261	2.427441	0.293832
ENSG00000179800	CARF	calcium re	ENSG00000179800	18.72904	-0.38257	1.302049	-0.29382
ENSG00000151691	LSM8	LSM8 hom	ENSG00000151691	18.72904	-0.38257	1.302049	-0.29382
ENSG00000111056	DDX52	DEAD-box f	ENSG00000111056	18.72904	-0.38257	1.302049	-0.29382
ENSG0000015910	RAP1GDS1	Rap1 GTPa	ENSG0000015910	18.75166	-0.38651	1.315779	-0.29375
ENSG00000183856	FSD1L	fibronectin	ENSG00000183856	14.48048	-0.43566	1.483855	-0.2936
ENSG000001163259	DENND2C	DENN dom	ENSG000001163259	9.408136	0.503976	1.716578	0.293593
ENSG0000017159	TP53BP2	tumor prot	ENSG0000017159	43.15975	0.269508	0.918807	0.293323
ENSG0000013276	PRMT1	protein arg	ENSG0000013276	34.17129	0.29352	1.000949	0.293241
ENSG00000110626	TRIM16	tripartite n	ENSG00000110626	10.05341	-0.51404	1.75313	-0.29321
ENSG00000155246	CCDC25	coiled-coil	ENSG00000155246	36.02027	0.285795	0.975484	0.292977
ENSG00000155744	COA1	cytochrom	ENSG00000155744	57.71779	0.24123	0.823432	0.292957
ENSG0000011362	CPD	carboxypep	ENSG0000011362	136.6543	-0.19427	0.663164	-0.29294
ENSG0000019628	RGS6	regulator c	ENSG0000019628	29.73388	-0.32886	1.122807	-0.29289
ENSG00000165094	JMJD4	jumonji do	ENSG00000165094	3.054525	-0.89622	3.061651	-0.29272
ENSG0000010251348			ENSG0000010251348	3.054525	-0.89622	3.061651	-0.29272
ENSG00000123625	FAM89B	family with	ENSG00000123625	3.054525	-0.89622	3.061651	-0.29272
ENSG00000154733	SLC35F2	solute carr	ENSG00000154733	3.054525	-0.89622	3.061651	-0.29272
ENSG000001440073	IQSEC3	IQ motif ar	ENSG000001440073	3.054525	-0.89622	3.061651	-0.29272
ENSG000001755	CFAP410	cilia and fl	ENSG000001755	3.054525	-0.89622	3.061651	-0.29272
ENSG00000123137	SMC5	structural r	ENSG00000123137	56.91963	-0.24462	0.835826	-0.29267
ENSG00000155717	WDR11	WD repeat	ENSG00000155717	42.15901	-0.27262	0.931682	-0.29261
ENSG00000179979	TRMT2B	tRNA meth	ENSG00000179979	30.51229	0.310279	1.060462	0.292589
ENSG000001753	LDLRAD4	low density	ENSG000001753	57.03654	-0.24717	0.844767	-0.29259
ENSG00000127173	SLC39A1	solute carr	ENSG00000127173	61.19081	-0.24285	0.830244	-0.29251
ENSG00000194103	ORMDL3	ORMDL spl	ENSG00000194103	37.99468	-0.28518	0.975036	-0.29248
ENSG0000015718	PSMD12	proteasom	ENSG0000015718	63.29625	-0.23721	0.811822	-0.2922
ENSG00000122879	MON1B	MON1 hon	ENSG00000122879	18.70641	-0.37852	1.295947	-0.29208
ENSG00000123186	RCOR1	REST corep	ENSG00000123186	41.44403	0.272879	0.934993	0.291852
ENSG00000151596	CUTA	cutA divale	ENSG00000151596	23.07817	-0.356	1.219915	-0.29182
ENSG00000156926	NCLN	nicalin	ENSG00000156926	14.5855	0.428026	1.467139	0.291742
ENSG00000129914	UBIAD1	UbiA preny	ENSG00000129914	16.54316	-0.39868	1.367103	-0.29163
ENSG00000123070	CMTR1	cap methyl	ENSG00000123070	57.75676	0.240372	0.824326	0.291598
ENSG00000150813	COPS7A	COP9 sign	ENSG00000150813	41.46666	0.270808	0.928749	0.291584
ENSG00000129894	CPSF1	cleavage al	ENSG00000129894	14.36356	-0.42785	1.467613	-0.29153
ENSG000001130026	ICA1L	islet cell au	ENSG000001130026	14.37991	-0.4251	1.458384	-0.29149
ENSG000001501	ALDH7A1	aldehyde d	ENSG000001501	31.71234	-0.31064	1.065974	-0.29142
ENSG0000011509	CTSD	cathepsin l	ENSG0000011509	71.87511	-0.23193	0.79654	-0.29117
ENSG00000184300	UQCC2	ubiquinol-c	ENSG00000184300	43.26032	0.265362	0.911571	0.291104
ENSG00000190637	ZFAND2A	zinc finger	ENSG00000190637	5.441543	-0.66796	2.295344	-0.29101
ENSG000001400242	DICER1-AS	DICER1 ant	ENSG000001400242	5.441543	-0.66796	2.295344	-0.29101
ENSG00000154993	ZSCAN2	zinc finger	ENSG00000154993	5.441543	-0.66796	2.295344	-0.29101
ENSG0000015892	RAD51D	RAD51 par	ENSG0000015892	5.441543	-0.66796	2.295344	-0.29101
ENSG0000018454	CUL1	cullin 1	ENSG0000018454	71.59602	-0.22564	0.775374	-0.291
ENSG00000151281	ANKMY1	ankyrin re	ENSG00000151281	7.72799	-0.56479	1.941095	-0.29097
ENSG0000010214189			ENSG0000010214189	7.72799	-0.56479	1.941095	-0.29097
ENSG0000019306	SOCS6	suppressor	ENSG0000019306	38.03365	-0.28639	0.984445	-0.29091

ENSG0000I	ENSG0000I	22948	CCT5	chaperonir	ENSG0000I	75.86315	0.220489	0.758044	0.290866
ENSG0000I	ENSG0000I	10295	BCKDK	branched c	ENSG0000I	35.89302	-0.29198	1.004062	-0.2908
ENSG0000I	ENSG0000I	285672	SREK1IP1	SREK1 inte	ENSG0000I	27.09341	0.316764	1.089916	0.290632
ENSG0000I	ENSG0000I	57585	CRAMP1	cramped cl	ENSG0000I	9.952839	-0.49919	1.720572	-0.29013
ENSG0000I	ENSG0000I	8678	BECN1	beclin 1	ENSG0000I	50.57569	-0.25301	0.872319	-0.29005
ENSG0000I	ENSG0000I	57665	RDH14	retinol deh	ENSG0000I	14.34094	-0.42258	1.457355	-0.28996
ENSG0000I	ENSG0000I	60561	RINT1	RAD50 inte	ENSG0000I	14.34094	-0.42258	1.457355	-0.28996
ENSG0000I	ENSG0000I	7991	TUSC3	tumor sup	ENSG0000I	46.91932	0.256501	0.884867	0.289876
ENSG0000I	ENSG0000I	57062	DDX24	DEAD-box	ENSG0000I	205.0196	-0.17182	0.593073	-0.28971
ENSG0000I	ENSG0000I	54968	TMEM70	transmem	ENSG0000I	12.90496	0.431297	1.488847	0.289685
ENSG0000I	ENSG0000I	55270	NUDT15	nudix hydr	ENSG0000I	12.90496	0.431297	1.488847	0.289685
ENSG0000I	ENSG0000I	134553	C5orf24	chromosor	ENSG0000I	48.44134	-0.2577	0.889982	-0.28955
ENSG0000I	ENSG0000I	55182	RNF220	ring finger	ENSG0000I	36.08187	0.282124	0.974507	0.289504
ENSG0000I	ENSG0000I	129285	PPP1R21	protein ph	ENSG0000I	16.40179	0.389581	1.346392	0.289352
ENSG0000I	ENSG0000I	102723167	MIR133A1	MIR133A1	ENSG0000I	29.51012	-0.31526	1.089903	-0.28926
ENSG0000I	ENSG0000I	80196	RNF34	ring finger	ENSG0000I	25.13457	-0.33444	1.15724	-0.289
ENSG0000I	ENSG0000I	56288	PARD3	par-3 famil	ENSG0000I	90.3588	-0.20939	0.724649	-0.28895
ENSG0000I	ENSG0000I	401320	GARS-DT	GARS diver	ENSG0000I	48.43507	-0.25566	0.885242	-0.2888
ENSG0000I	ENSG0000I	7841	MOGS	mannosyl-	ENSG0000I	25.11195	-0.3315	1.147917	-0.28879
ENSG0000I	ENSG0000I	54407	SLC38A2	solute carr	ENSG0000I	285.4821	-0.17401	0.602683	-0.28873
ENSG0000I	ENSG0000I	23024	PDZRN3	PDZ domai	ENSG0000I	123.7628	-0.19147	0.663158	-0.28873
ENSG0000I	ENSG0000I	80262	C16orf70	chromosor	ENSG0000I	16.50419	-0.39644	1.37333	-0.28867
ENSG0000I	ENSG0000I	401105	FLJ42393	uncharacte	ENSG0000I	7.689017	-0.56047	1.941589	-0.28867
ENSG0000I	ENSG0000I	0261087			ENSG0000I	7.689017	-0.56047	1.941589	-0.28867
ENSG0000I	ENSG0000I	57639	CCDC146	coiled-coil	ENSG0000I	18.1213	0.388265	1.345271	0.288615
ENSG0000I	ENSG0000I	23612	PHLDA3	pleckstrin	ENSG0000I	5.40257	-0.66204	2.295137	-0.28845
ENSG0000I	ENSG0000I	5010	CLDN11	claudin 11	ENSG0000I	5.40257	-0.66204	2.295137	-0.28845
ENSG0000I	ENSG0000I	1820	ARID3A	AT-rich int	ENSG0000I	5.40257	-0.66204	2.295137	-0.28845
ENSG0000I	ENSG0000I	7561	ZNF14	zinc finger	ENSG0000I	5.40257	-0.66204	2.295137	-0.28845
ENSG0000I	ENSG0000I	374928	ZNF773	zinc finger	ENSG0000I	5.40257	-0.66204	2.295137	-0.28845
ENSG0000I	ENSG0000I	10663	CXCR6	C-X-C moti	ENSG0000I	12.13872	-0.45541	1.579423	-0.28834
ENSG0000I	ENSG0000I	5879	RAC1	Rac family	ENSG0000I	138.007	0.186345	0.646635	0.288176
ENSG0000I	ENSG0000I	134	ADORA1	adenosine	ENSG0000I	3.0319	-0.87236	3.02722	-0.28817
ENSG0000I	ENSG0000I	0233012			ENSG0000I	3.0319	-0.87236	3.02722	-0.28817
ENSG0000I	ENSG0000I	8341	HIST1H2BM	histone clu	ENSG0000I	3.0319	-0.87236	3.02722	-0.28817
ENSG0000I	ENSG0000I	54511	HMGCLL1	3-hydroxyr	ENSG0000I	3.0319	-0.87236	3.02722	-0.28817
ENSG0000I	ENSG0000I	27085	MTBP	MDM2 bin	ENSG0000I	3.0319	-0.87236	3.02722	-0.28817
ENSG0000I	ENSG0000I	57722	IGDCC4	immunogl	ENSG0000I	3.0319	-0.87236	3.02722	-0.28817
ENSG0000I	ENSG0000I	899	CCNF	cyclin F	ENSG0000I	3.0319	-0.87236	3.02722	-0.28817
ENSG0000I	ENSG0000I	92806	CENPBD1	CENPB DN	ENSG0000I	3.0319	-0.87236	3.02722	-0.28817
ENSG0000I	ENSG0000I	55295	KLHL26	kelch like f	ENSG0000I	3.0319	-0.87236	3.02722	-0.28817
ENSG0000I	ENSG0000I	1465	CSRP1	cysteine ar	ENSG0000I	86.29124	-0.21604	0.749806	-0.28813
ENSG0000I	ENSG0000I	7779	SLC30A1	solute carr	ENSG0000I	39.71824	0.272381	0.945783	0.287995
ENSG0000I	ENSG0000I	359845	RFLNB	refilin B	ENSG0000I	25.1572	-0.3373	1.171314	-0.28797
ENSG0000I	ENSG0000I	56852	RAD18	RAD18, E3	ENSG0000I	7.643375	0.554974	1.927216	0.287967
ENSG0000I	ENSG0000I	5163	PDK1	pyruvate d	ENSG0000I	68.26738	0.243157	0.844412	0.287961
ENSG0000I	ENSG0000I	389	RHOC	ras homolc	ENSG0000I	52.37197	0.245206	0.851665	0.287914

ENSG0000I	ENSG0000I	201562	HACD2	3-hydroxyac	ENSG0000I	21.70863	0.346189	1.202616	0.287863
ENSG0000I	ENSG0000I	60488	MRPS35	mitochond	ENSG0000I	44.99618	0.269484	0.936165	0.28786
ENSG0000I	ENSG0000I	26001	RNF167	ring finger	ENSG0000I	46.33341	-0.25955	0.901767	-0.28782
ENSG0000I	ENSG0000I	130872	AHSA2P	activator o	ENSG0000I	33.61285	-0.29226	1.015481	-0.28781
ENSG0000I	ENSG0000I	9377	COX5A	cytochrom	ENSG0000I	222.7645	0.181797	0.631791	0.287748
ENSG0000I	ENSG0000I	3931	LCAT	lecithin-ch	ENSG0000I	5.425195	-0.67534	2.350749	-0.28729
ENSG0000I	ENSG0000I	92335	STRADA	STE20-rela	ENSG0000I	5.425195	-0.67534	2.350749	-0.28729
ENSG0000I	ENSG0000I	649446	DLGAP1-A	DLGAP1 an	ENSG0000I	5.425195	-0.67534	2.350749	-0.28729
ENSG0000I	ENSG000000279833				ENSG0000I	5.425195	-0.67534	2.350749	-0.28729
ENSG0000I	ENSG0000I	2011	MARK2	microtubul	ENSG0000I	50.60094	0.247196	0.861844	0.286822
ENSG0000I	ENSG0000I	10691	GMEB1	glucocortic	ENSG0000I	18.64482	-0.37242	1.298637	-0.28678
ENSG0000I	ENSG0000I	55762	ZNF701	zinc finger	ENSG0000I	9.913866	-0.49573	1.72869	-0.28677
ENSG0000I	ENSG0000I	25776	CBY1	chibby fam	ENSG0000I	16.52054	-0.39406	1.374405	-0.28672
ENSG0000I	ENSG0000I	10848	PPP1R13L	protein ph	ENSG0000I	44.4329	-0.27141	0.946661	-0.2867
ENSG0000I	ENSG0000I	474344	GIMAP6	GTPase, IV	ENSG0000I	63.29364	0.229034	0.799124	0.286606
ENSG0000I	ENSG0000I	129049	SGSM1	small G prc	ENSG0000I	21.78657	0.342631	1.195569	0.286584
ENSG0000I	ENSG0000I	1289	COL5A1	collagen ty	ENSG0000I	48.70042	0.257135	0.897344	0.286551
ENSG0000I	ENSG0000I	1938	EEF2	eukaryotic	ENSG0000I	1151.382	-0.14446	0.50419	-0.28651
ENSG0000I	ENSG0000I	7360	UGP2	UDP-glucos	ENSG0000I	222.101	0.169512	0.592062	0.286307
ENSG0000I	ENSG0000I	6015	RING1	ring finger	ENSG0000I	16.48157	-0.39181	1.368743	-0.28626
ENSG0000I	ENSG0000I	8916	HERC3	HECT and F	ENSG0000I	96.53429	-0.20335	0.710691	-0.28613
ENSG0000I	ENSG0000I	23008	KLHDC10	kelch dom	ENSG0000I	71.79088	-0.22933	0.801627	-0.28608
ENSG0000I	ENSG0000I	54764	ZRANB1	zinc finger	ENSG0000I	48.40237	-0.25671	0.897348	-0.28607
ENSG0000I	ENSG0000I	53944	CSNK1G1	casein kina	ENSG0000I	14.6144	0.410484	1.435379	0.285976
ENSG0000I	ENSG0000I	159013	CXorf38	chromosom	ENSG0000I	14.6144	0.410484	1.435379	0.285976
ENSG0000I	ENSG0000I	4580	MTX1	metaxin 1	ENSG0000I	6.018158	0.600075	2.09854	0.285949
ENSG0000I	ENSG0000I	54823	SWT1	SWT1, RNA	ENSG0000I	12.94394	0.428657	1.500683	0.285641
ENSG0000I	ENSG0000I	118460	EXOSC6	exosome c	ENSG0000I	42.05216	-0.26634	0.932603	-0.28559
ENSG0000I	ENSG0000I	10055	SAE1	SUMO1 act	ENSG0000I	42.05216	-0.26634	0.932603	-0.28559
ENSG0000I	ENSG0000I	89796	NAV1	neuron na	ENSG0000I	174.503	-0.1847	0.646767	-0.28557
ENSG0000I	ENSG0000I	112574	SNX18	sorting nex	ENSG0000I	39.72452	0.269122	0.942693	0.285482
ENSG0000I	ENSG0000I	79571	GCC1	GRIP and c	ENSG0000I	18.11123	0.377048	1.320742	0.285481
ENSG0000I	ENSG0000I	64745	METTL17	methyltran	ENSG0000I	18.2118	0.367409	1.287868	0.285285
ENSG0000I	ENSG0000I	29925	GMPPB	GDP-mann	ENSG0000I	7.743946	0.53284	1.867898	0.285262
ENSG0000I	ENSG0000I	220074	LRTOMT	leucine ric	ENSG0000I	7.743946	0.53284	1.867898	0.285262
ENSG0000I	ENSG0000I	113419	TEX261	testis expr	ENSG0000I	46.27182	-0.25699	0.901276	-0.28514
ENSG0000I	ENSG0000I	10137	RBM12	RNA bindir	ENSG0000I	77.91328	0.213673	0.749787	0.284978
ENSG0000I	ENSG0000I	23272	FAM208A	family with	ENSG0000I	81.96474	-0.21559	0.756792	-0.28487
ENSG0000I	ENSG000000234518				ENSG0000I	2.644526	0.968837	3.401467	0.284829
ENSG0000I	ENSG0000I	200879	LIPH	lipase H	ENSG0000I	2.644526	0.968837	3.401467	0.284829
ENSG0000I	ENSG0000I	8969	HIST1H2AC	histone clu	ENSG0000I	2.644526	0.968837	3.401467	0.284829
ENSG0000I	ENSG000000253210				ENSG0000I	2.644526	0.968837	3.401467	0.284829
ENSG0000I	ENSG0000I	6448	SGSH	N-sulfogluc	ENSG0000I	9.330191	0.511436	1.795909	0.284778
ENSG0000I	ENSG0000I	8821	INPP4B	inositol pol	ENSG0000I	88.16665	-0.20728	0.727936	-0.28475
ENSG0000I	ENSG0000I	60509	AGBL5	ATP/GTP b	ENSG0000I	18.25077	0.365405	1.283787	0.284631
ENSG0000I	ENSG0000I	79650	USB1	U6 snRNA	ENSG0000I	18.25077	0.365405	1.283787	0.284631
ENSG0000I	ENSG0000I	51496	CTDSPL2	CTD small j	ENSG0000I	37.87554	0.275361	0.967993	0.284466

ENSG0000I	ENSG0000I	57610	RANBP10	RAN bindir	ENSG0000I	25.0667	-0.32548	1.144196	-0.28446
ENSG0000I	ENSG0000I	54715	RBFOX1	RNA bindir	ENSG0000I	68.60427	0.231033	0.812271	0.284428
ENSG0000I	ENSG0000I	57223	PPP4R3B	protein ph	ENSG0000I	72.42792	0.217855	0.76684	0.284095
ENSG0000I	ENSG0000I	283373	ANKRD52	ankyrin re	ENSG0000I	69.29322	-0.22243	0.783243	-0.28399
ENSG0000I	ENSG0000I	84542	KIAA1841	KIAA1841	ENSG0000I	14.27934	-0.4147	1.461714	-0.28371
ENSG0000I	ENSG0000I	6388	SDF2	stromal cel	ENSG0000I	14.71497	0.398803	1.406696	0.283503
ENSG0000I	ENSG0000I	10254	STAM2	signal tran	ENSG0000I	63.30371	0.231205	0.815551	0.283496
ENSG0000I	ENSG0000I	10393	ANAPC10	anaphase ç	ENSG0000I	11.21815	0.449816	1.586679	0.283495
ENSG0000I	ENSG0000I	23483	TGDS	TDP-glucos	ENSG0000I	11.21815	0.449816	1.586679	0.283495
ENSG0000I	ENSG0000I	2247	FGF2	fibroblast ç	ENSG0000I	25.22808	0.327436	1.155743	0.283312
ENSG0000I	ENSG0000I	168374	ZNF92	zinc finger	ENSG0000I	9.891241	-0.488	1.722922	-0.28324
ENSG0000I	ENSG0000I	0278133			ENSG0000I	9.891241	-0.488	1.722922	-0.28324
ENSG0000I	ENSG0000I	9587	MAD2L1BF	MAD2L1 bi	ENSG0000I	12.96656	0.420872	1.486208	0.283185
ENSG0000I	ENSG0000I	10199	MPHOSPH	M-phase p	ENSG0000I	23.00401	-0.34167	1.206541	-0.28318
ENSG0000I	ENSG0000I	128989	TANGO2	transport a	ENSG0000I	31.52755	-0.29947	1.057767	-0.28312
ENSG0000I	ENSG0000I	55696	RBM22	RNA bindir	ENSG0000I	36.1661	0.276013	0.975265	0.283013
ENSG0000I	ENSG0000I	51014	TMED7	transmeml	ENSG0000I	88.80604	0.20785	0.734472	0.282993
ENSG0000I	ENSG0000I	25989	ULK3	unc-51 like	ENSG0000I	25.02772	-0.3239	1.145458	-0.28277
ENSG0000I	ENSG0000I	51614	ERGIC3	ERGIC and	ENSG0000I	57.94155	0.233503	0.825807	0.282757
ENSG0000I	ENSG0000I	5130	PCYT1A	phosphate	ENSG0000I	154.3009	0.184743	0.653414	0.282735
ENSG0000I	ENSG0000I	22933	SIRT2	sirtuin 2	ENSG0000I	74.29482	-0.23743	0.839782	-0.28272
ENSG0000I	ENSG0000I	223	ALDH9A1	aldehyde d	ENSG0000I	48.29552	-0.25131	0.889157	-0.28264
ENSG0000I	ENSG0000I	10195	ALG3	ALG3, alph	ENSG0000I	7.704973	0.536782	1.899938	0.282526
ENSG0000I	ENSG0000I	0243466			ENSG0000I	3.138748	-0.94914	3.360037	-0.28248
ENSG0000I	ENSG0000I	94025	MUC16	mucin 16, c	ENSG0000I	3.138748	-0.94914	3.360037	-0.28248
ENSG0000I	ENSG0000I	100996571	CYR1-AS1	cysteine ar	ENSG0000I	3.138748	-0.94914	3.360037	-0.28248
ENSG0000I	ENSG0000I	90204	ZSWIM1	zinc finger	ENSG0000I	16.50236	0.379272	1.342911	0.282425
ENSG0000I	ENSG0000I	1399	CRKL	CRK like pr	ENSG0000I	123.6111	0.187483	0.664244	0.28225
ENSG0000I	ENSG0000I	3290	HSD11B1	hydroxyste	ENSG0000I	4.292369	0.719952	2.550855	0.28224
ENSG0000I	ENSG0000I	286343	LURAP1L	leucine ricl	ENSG0000I	4.292369	0.719952	2.550855	0.28224
ENSG0000I	ENSG0000I	284161	GDPD1	glycerophc	ENSG0000I	4.292369	0.719952	2.550855	0.28224
ENSG0000I	ENSG0000I	83850	ESYT3	extended s	ENSG0000I	5.379945	-0.648	2.296419	-0.28218
ENSG0000I	ENSG0000I	10924	SMPDL3A	sphingomy	ENSG0000I	5.379945	-0.648	2.296419	-0.28218
ENSG0000I	ENSG0000I	340719	NANOS1	nanos C2H	ENSG0000I	5.379945	-0.648	2.296419	-0.28218
ENSG0000I	ENSG0000I	0179277			ENSG0000I	5.379945	-0.648	2.296419	-0.28218
ENSG0000I	ENSG0000I	84945	ABHD13	abhydrolas	ENSG0000I	20.76282	-0.34979	1.239677	-0.28216
ENSG0000I	ENSG0000I	51703	ACSL5	acyl-CoA s	ENSG0000I	18.60584	-0.37032	1.312757	-0.2821
ENSG0000I	ENSG0000I	90293	KLHL13	kelch like f	ENSG0000I	9.447109	0.500042	1.772613	0.282093
ENSG0000I	ENSG0000I	9016	SLC25A14	solute carr	ENSG0000I	6.05713	0.595512	2.111347	0.282053
ENSG0000I	ENSG0000I	26524	LATS2	large tumo	ENSG0000I	50.3909	-0.24596	0.872135	-0.28202
ENSG0000I	ENSG0000I	55125	CEP192	centrosom	ENSG0000I	97.89755	0.200026	0.709414	0.28196
ENSG0000I	ENSG0000I	55781	RIOK2	RIO kinase	ENSG0000I	18.17283	0.369603	1.310969	0.281931
ENSG0000I	ENSG0000I	55755	CDK5RAP2	CDK5 regul	ENSG0000I	109.1354	-0.19637	0.69667	-0.28187
ENSG0000I	ENSG0000I	85015	USP45	ubiquitin s	ENSG0000I	31.42698	-0.29436	1.046461	-0.28129
ENSG0000I	ENSG0000I	55279	ZNF654	zinc finger	ENSG0000I	28.98137	0.304217	1.082051	0.281149
ENSG0000I	ENSG0000I	83594	NUDT12	nudix hydr	ENSG0000I	21.84817	0.33651	1.197161	0.28109
ENSG0000I	ENSG0000I	720	C4A	compleme	ENSG0000I	9.391789	0.496494	1.766637	0.281039

ENSG00000157157	PHTF2	putative hc	ENSG00000165.26582	0.222359	0.791725	0.280853
ENSG000001100505495	PCAT19	prostate ca	ENSG00000112.09346	-0.44277	1.576605	-0.28084
ENSG000001160	AP2A1	adaptor rel	ENSG00000150.50782	-0.24879	0.886266	-0.28072
ENSG00000184924	ZNF566	zinc finger	ENSG00000116.41997	-0.38491	1.371177	-0.28071
ENSG00000123052	ENDOD1	endonucle	ENSG00000170.7122	0.218151	0.77718	0.280695
ENSG00000110234	LRRC17	leucine ric	ENSG0000014.39294	0.680296	2.425622	0.280463
ENSG000001197187	SNAI3-AS1	SNAI3 anti	ENSG0000014.39294	0.680296	2.425622	0.280463
ENSG00000130851	TAX1BP3	Tax1 bindir	ENSG0000014.39294	0.680296	2.425622	0.280463
ENSG00000125807	RHBDD3	rhomboide	ENSG0000014.39294	0.680296	2.425622	0.280463
ENSG000001283349	RASSF3	Ras associa	ENSG000001121.1374	0.201853	0.720995	0.279964
ENSG0000011537	CYC1	cytochrom	ENSG000001150.8493	0.18261	0.652424	0.279895
ENSG00000110987	COPS5	COP9 signa	ENSG00000150.36827	-0.24452	0.873676	-0.27988
ENSG0000016764	ST5	suppressio	ENSG00000148.46776	-0.25473	0.910251	-0.27984
ENSG00000180185	TTI2	TELO2 inte	ENSG0000017.627419	-0.54616	1.953516	-0.27958
ENSG00000151236	HGH1	HGH1 hom	ENSG0000017.627419	-0.54616	1.953516	-0.27958
ENSG00000100279159			ENSG00000138.0377	0.26719	0.956194	0.279431
ENSG00000110066	SCAMP2	secretory c	ENSG00000136.08815	0.278583	0.997009	0.279419
ENSG0000012730	GCLM	glutamate-	ENSG00000123.63556	0.327179	1.170939	0.279416
ENSG00000123528	ZNF281	zinc finger	ENSG00000123.63556	0.327179	1.170939	0.279416
ENSG00000154737	MPHOSPH1	M-phase p	ENSG000001102.5966	-0.1948	0.697205	-0.2794
ENSG0000017763	ZFAND5	zinc finger	ENSG000001187.8037	0.168281	0.602507	0.279301
ENSG00000155317	AP5S1	adaptor rel	ENSG00000112.05449	-0.43985	1.574986	-0.27927
ENSG0000011632	ECI1	enoyl-CoA	ENSG00000127.23923	0.303612	1.087594	0.27916
ENSG000001127435	PODN	podocan	ENSG00000138.51885	-0.32037	1.147894	-0.2791
ENSG00000127241	BBS9	Bardet-Bie	ENSG00000127.20026	0.305114	1.093761	0.278959
ENSG00000154934	KANSL2	KAT8 regul	ENSG00000127.20026	0.305114	1.093761	0.278959
ENSG0000014331	MNAT1	MNAT1, CI	ENSG00000116.52499	0.37333	1.338553	0.278906
ENSG0000019891	NUAK1	NUAK fami	ENSG000001107.282	0.191849	0.687934	0.278878
ENSG0000014809	SNU13	small nucle	ENSG00000154.38313	0.23579	0.845643	0.278829
ENSG00000164376	IKZF5	IKAROS far	ENSG00000123.54127	0.328461	1.178311	0.278756
ENSG00000122990	PCNX1	pecanex 1	ENSG000001292.3723	0.156409	0.561277	0.278666
ENSG0000012099	ESR1	estrogen r	ENSG0000017.650044	-0.5557	1.994721	-0.27858
ENSG0000012005	ELK4	ELK4, ETS t	ENSG000001146.4724	-0.18213	0.654008	-0.27849
ENSG0000015532	PPP3CB	protein ph	ENSG00000181.68317	-0.20682	0.743474	-0.27817
ENSG0000016924	ELOA	elongin A	ENSG00000168.97007	0.21614	0.777159	0.278116
ENSG000001599	BCL2L2	BCL2 like 2	ENSG00000167.26324	-0.2243	0.807394	-0.27781
ENSG00000185458	DIXDC1	DIX domair	ENSG00000164.99562	-0.22463	0.808619	-0.27779
ENSG0000016441	SFTPD	surfactant	ENSG0000014.353967	0.6861	2.470103	0.277762
ENSG000001284098	PIGW	phosphatic	ENSG0000014.353967	0.6861	2.470103	0.277762
ENSG00000110979	FERMT2	fermitin fa	ENSG000001151.1723	0.17568	0.632818	0.277615
ENSG00000123208	SYT11	synaptotag	ENSG00000144.28708	-0.26448	0.952916	-0.27755
ENSG000001117155	CATSPER2	cation char	ENSG0000015.340972	-0.642	2.31533	-0.27728
ENSG000001375056	MIA3	MIA SH3 d	ENSG000001110.9316	-0.19242	0.694097	-0.27723
ENSG000001126668	TDRD10	tudor dom	ENSG0000016.079755	0.577037	2.083057	0.277015
ENSG00000179077	DCTPP1	dCTP pyro	ENSG0000016.079755	0.577037	2.083057	0.277015
ENSG00000151575	ESF1	ESF1 nucle	ENSG00000127.08413	-0.30632	1.107463	-0.27659
ENSG00000110783	NEK6	NIMA relat	ENSG00000134.47928	0.274248	0.991851	0.276501

ENSG00000184681	HINT2	histidine tr	ENSG0000013.02816	0.410512	1.485225	0.276397
ENSG00000126608	TBL2	transducin	ENSG0000019.829643	-0.47673	1.72696	-0.27605
ENSG0000016455	SH3GL1	SH3 domai	ENSG0000019.829643	-0.47673	1.72696	-0.27605
ENSG00000123023	TMCC1	transmeml	ENSG00000154.44838	-0.23442	0.849182	-0.27605
ENSG000001728613	LOC728613	programm	ENSG0000017.766571	0.518923	1.879877	0.276041
ENSG0000016583	SLC22A4	solute carr	ENSG0000017.805544	0.515117	1.866534	0.275975
ENSG000001670	BPHL	biphenyl h	ENSG0000017.805544	0.515117	1.866534	0.275975
ENSG00000154885	TBC1D8B	TBC1 domæ	ENSG0000017.805544	0.515117	1.866534	0.275975
ENSG00000181603	TRIM8	tripartite n	ENSG00000185.78591	-0.20293	0.735807	-0.2758
ENSG00000151666	ASB4	ankyrin reç	ENSG00000112.89869	0.442919	1.606539	0.275697
ENSG000001221786	FAM200A	family with	ENSG0000017.604794	-0.53613	1.945282	-0.2756
ENSG000001128	ADH5	alcohol del	ENSG000001141.9486	-0.17736	0.643631	-0.27557
ENSG00000122864	R3HDM2	R3H domai	ENSG00000146.04805	-0.24831	0.901237	-0.27552
ENSG000001395	ARHGAP6	Rho GTPas	ENSG00000120.04444	0.344525	1.250574	0.275493
ENSG00000110248	POP7	POP7 homi	ENSG0000019.531332	0.474912	1.724503	0.275391
ENSG00000151253	MRPL37	mitochond	ENSG00000154.451	0.231212	0.840348	0.275138
ENSG00000153373	TPCN1	two pore s	ENSG000001128.3269	-0.19446	0.70695	-0.27508
ENSG000001147081	LINC02210	long interg	ENSG00000114.23409	-0.40393	1.468865	-0.27499
ENSG00000157128	LYRM4	LYR motif c	ENSG00000112.03187	-0.43344	1.576636	-0.27492
ENSG000001150696	PROM2	prominin 2	ENSG0000012.970302	-0.83772	3.048346	-0.27481
ENSG000001101927167	GATA2-AS1	GATA2 ant	ENSG0000012.970302	-0.83772	3.048346	-0.27481
ENSG0000012919	CXCL1	C-X-C moti	ENSG0000012.970302	-0.83772	3.048346	-0.27481
ENSG000001100505806	SNHG18	small nucle	ENSG0000012.970302	-0.83772	3.048346	-0.27481
ENSG0000010229666			ENSG0000012.970302	-0.83772	3.048346	-0.27481
ENSG0000010250069			ENSG0000012.970302	-0.83772	3.048346	-0.27481
ENSG000001105378511	LOC105378	uncharacte	ENSG0000012.970302	-0.83772	3.048346	-0.27481
ENSG000001100289274	DNAJC3-D1	DNAJC3 di	ENSG0000012.970302	-0.83772	3.048346	-0.27481
ENSG00000184439	HHIPL1	HHIP like 1	ENSG0000012.970302	-0.83772	3.048346	-0.27481
ENSG000001256586	LYSMD2	LysM domæ	ENSG0000012.970302	-0.83772	3.048346	-0.27481
ENSG00000156906	THAP10	THAP domi	ENSG0000012.970302	-0.83772	3.048346	-0.27481
ENSG000001100506388	LOC100506	uncharacte	ENSG0000012.970302	-0.83772	3.048346	-0.27481
ENSG00000193323	HAUS8	HAUS augr	ENSG0000012.970302	-0.83772	3.048346	-0.27481
ENSG000001644096	SDHAF1	succinate c	ENSG0000012.970302	-0.83772	3.048346	-0.27481
ENSG0000016261	RYR1	ryanodine	ENSG0000012.970302	-0.83772	3.048346	-0.27481
ENSG0000015822	PWP2	PWP2, sma	ENSG0000012.970302	-0.83772	3.048346	-0.27481
ENSG00000191355	LRP5L	LDL recepti	ENSG0000012.970302	-0.83772	3.048346	-0.27481
ENSG0000010184068			ENSG0000012.970302	-0.83772	3.048346	-0.27481
ENSG00000154965	PIGX	phosphatic	ENSG00000114.19512	-0.40137	1.461507	-0.27463
ENSG00000125898	RCHY1	ring finger	ENSG00000120.77917	-0.34818	1.268117	-0.27456
ENSG00000123038	WDTC1	WD and te	ENSG000001114.925	-0.18574	0.677391	-0.2742
ENSG000001345757	FAM174A	family with	ENSG0000017.643767	-0.54067	1.972735	-0.27407
ENSG0000016581	SLC22A3	solute carr	ENSG0000012.992927	-0.86155	3.143701	-0.27405
ENSG0000016833	ABCC8	ATP bindin	ENSG0000012.992927	-0.86155	3.143701	-0.27405
ENSG00000184552	PARD6G	par-6 famil	ENSG0000012.992927	-0.86155	3.143701	-0.27405
ENSG00000154431	DNAJC10	DnaJ heat s	ENSG00000189.99301	-0.19934	0.727811	-0.27388
ENSG0000014130	MAP1A	microtubul	ENSG000001292.9554	0.166648	0.608497	0.273869
ENSG00000122985	ACIN1	apoptotic c	ENSG000001147.3964	0.177748	0.649403	0.27371

ENSG000001439921	MXRA7	matrix rem	ENSG000001272.3717	0.156867	0.573845	0.273361
ENSG000001535	ATP6V0A1	ATPase H+	ENSG00000154.38679	-0.23223	0.849961	-0.27322
ENSG00000151290	ERGIC2	ERGIC and	ENSG00000158.14897	0.225253	0.824497	0.273201
ENSG000001160897	GPR180	G protein-c	ENSG00000120.67859	-0.34056	1.246723	-0.27317
ENSG000001348654	GEN1	GEN1, Holl	ENSG00000118.2445	0.373016	1.366459	0.27298
ENSG0000018817	FGF18	fibroblast ξ	ENSG00000114.20584	0.474022	1.736912	0.272911
ENSG00000184083	ZRANB3	zinc finger	ENSG0000015.363597	-0.65506	2.40065	-0.27287
ENSG0000016624	FSCN1	fascin actin	ENSG0000015.363597	-0.65506	2.40065	-0.27287
ENSG0000016636	SNRPF	small nucle	ENSG0000019.553957	0.464007	1.700896	0.272801
ENSG0000012013	EMP2	epithelial r	ENSG000001104.5462	-0.19056	0.698548	-0.2728
ENSG000001269982			ENSG0000015.318347	-0.62781	2.302193	-0.2727
ENSG000001100499483	CCDC180	coiled-coil	ENSG0000015.318347	-0.62781	2.302193	-0.2727
ENSG000001339290	LINC00667	long interg	ENSG00000135.48446	-0.27099	0.993714	-0.2727
ENSG0000013163	HMOX2	heme oxyg	ENSG00000172.51842	0.213565	0.783198	0.272683
ENSG00000193058	COQ10A	coenzyme Q	ENSG00000175.45616	-0.21136	0.775389	-0.27258
ENSG000001114883	OSBPL9	oxysterol b	ENSG00000189.85346	-0.19679	0.72311	-0.27214
ENSG0000019779	TBC1D5	TBC1 domæ	ENSG00000198.15323	-0.19177	0.704731	-0.27212
ENSG00000164087	MCCC2	methylcro	ENSG000001140.5235	0.174487	0.64198	0.271795
ENSG00000179872	CBLL1	Cbl proto-c	ENSG00000132.65292	0.279015	1.026638	0.271776
ENSG0000017389	UROD	uroporphyr	ENSG00000138.17725	0.261378	0.961825	0.271752
ENSG00000151603	EEF1AKNM	eEF1A lysin	ENSG00000116.33574	-0.37326	1.373664	-0.27172
ENSG0000011723	DHODH	dihydroor	ENSG00000116.33574	-0.37326	1.373664	-0.27172
ENSG0000013691	ITGB4	integrin su	ENSG00000111.30237	0.428665	1.579123	0.271458
ENSG000001229994			ENSG0000012.790347	0.811431	2.989657	0.271413
ENSG000001165055	CCDC138	coiled-coil	ENSG0000012.790347	0.811431	2.989657	0.271413
ENSG000001375316	RBM44	RNA bindin	ENSG0000012.790347	0.811431	2.989657	0.271413
ENSG000001248810			ENSG0000012.790347	0.811431	2.989657	0.271413
ENSG000001153201	SLC36A2	solute carr	ENSG0000012.790347	0.811431	2.989657	0.271413
ENSG000001250031			ENSG0000012.790347	0.811431	2.989657	0.271413
ENSG000001262454			ENSG0000012.790347	0.811431	2.989657	0.271413
ENSG0000016351	CCL4	C-C motif c	ENSG0000012.790347	0.811431	2.989657	0.271413
ENSG000001267279			ENSG0000012.790347	0.811431	2.989657	0.271413
ENSG000001773	CACNA1A	calcium vo	ENSG0000012.790347	0.811431	2.989657	0.271413
ENSG0000013978	LIG1	DNA ligase	ENSG0000012.790347	0.811431	2.989657	0.271413
ENSG00000164130	LIN7B	lin-7 homo	ENSG0000012.790347	0.811431	2.989657	0.271413
ENSG000001260708			ENSG0000012.790347	0.811431	2.989657	0.271413
ENSG000001228906			ENSG0000012.790347	0.811431	2.989657	0.271413
ENSG00000128976	ACAD9	acyl-CoA d	ENSG00000141.8199	0.250776	0.924062	0.271385
ENSG00000164969	MRPS5	mitochond	ENSG00000152.30148	-0.23424	0.863228	-0.27135
ENSG0000015933	RBL1	RB transcri	ENSG00000113.05078	0.402786	1.484904	0.271254
ENSG00000123478	SEC11A	SEC11 horr	ENSG00000149.08257	0.236073	0.8709	0.271068
ENSG00000190321	ZNF766	zinc finger	ENSG00000127.36243	0.293929	1.086424	0.270548
ENSG00000184144	SYDE2	synapse de	ENSG00000148.1208	-0.24132	0.892734	-0.27032
ENSG0000017257	TSNAX	translin as	ENSG00000126.98355	-0.30052	1.11183	-0.2703
ENSG00000151029	DES12	desumoyla	ENSG00000158.21057	0.222981	0.825194	0.270217
ENSG00000194241	TP53INP1	tumor prot	ENSG00000158.21057	0.222981	0.825194	0.270217
ENSG0000011416	CRYBB2P1	crystallin b	ENSG0000019.79067	-0.47313	1.750949	-0.27021

ENSG0000I	ENSG0000I	284403	WDR62	WD repeat	ENSG0000I	12.17141	-0.44968	1.664205	-0.27021
ENSG0000I	ENSG0000I	64428	CIAO3	cytosolic ir	ENSG0000I	9.807018	-0.46888	1.73539	-0.27018
ENSG0000I	ENSG0000I	0261490			ENSG0000I	7.565821	-0.53167	1.968572	-0.27008
ENSG0000I	ENSG0000I	55234	SMU1	SMU1, DN	ENSG0000I	75.21604	-0.20606	0.762982	-0.27007
ENSG0000I	ENSG0000I	55128	TRIM68	tripartite r	ENSG0000I	18.47637	-0.35184	1.303326	-0.26995
ENSG0000I	ENSG0000I	83544	DNAL1	dynein axo	ENSG0000I	21.97137	0.32431	1.202368	0.269726
ENSG0000I	ENSG0000I	151195	CCNYL1	cyclin Y like	ENSG0000I	18.35762	0.347611	1.288777	0.269722
ENSG0000I	ENSG0000I	80124	VCPIP1	valosin cor	ENSG0000I	78.13325	0.204979	0.760029	0.269698
ENSG0000I	ENSG0000I	7572	ZNF24	zinc finger	ENSG0000I	142.4466	0.171846	0.637377	0.269614
ENSG0000I	ENSG0000I	1609	DGKQ	diacylglyce	ENSG0000I	4.415565	0.653535	2.424263	0.269581
ENSG0000I	ENSG0000I	55851	PSENE1	presenilin 1	ENSG0000I	4.415565	0.653535	2.424263	0.269581
ENSG0000I	ENSG0000I	79794	C12orf49	chromosom	ENSG0000I	16.62556	0.363072	1.347125	0.269516
ENSG0000I	ENSG0000I	23443	SLC35A3	solute carr	ENSG0000I	30.98245	0.278687	1.034037	0.269513
ENSG0000I	ENSG0000I	11193	WBP4	WW doma	ENSG0000I	32.79246	0.27232	1.01135	0.269264
ENSG0000I	ENSG0000I	55055	ZWILCH	zwilch kine	ENSG0000I	5.357319	-0.63425	2.355506	-0.26926
ENSG0000I	ENSG0000I	10999	SLC27A4	solute carr	ENSG0000I	16.29677	-0.371	1.378519	-0.26913
ENSG0000I	ENSG0000I	414235	PRR26	proline ric	ENSG0000I	16.29677	-0.371	1.378519	-0.26913
ENSG0000I	ENSG0000I	80304	WDPCP	WD repeat	ENSG0000I	7.828169	0.50134	1.86465	0.268865
ENSG0000I	ENSG0000I	493856	CISD2	CDGSH iro	ENSG0000I	7.828169	0.50134	1.86465	0.268865
ENSG0000I	ENSG0000I	6650	CAPN15	calpain 15	ENSG0000I	7.828169	0.50134	1.86465	0.268865
ENSG0000I	ENSG0000I	374899	ZNF829	zinc finger	ENSG0000I	7.828169	0.50134	1.86465	0.268865
ENSG0000I	ENSG0000I	28952	CCDC22	coiled-coil	ENSG0000I	7.828169	0.50134	1.86465	0.268865
ENSG0000I	ENSG0000I	10189	ALYREF	Aly/REF ex	ENSG0000I	9.768045	-0.46537	1.732757	-0.26857
ENSG0000I	ENSG0000I	101927832	PAQR9-AS1	PAQR9 ant	ENSG0000I	3.009274	-0.84884	3.160724	-0.26856
ENSG0000I	ENSG0000I	728464	METTL24	methyltrar	ENSG0000I	3.009274	-0.84884	3.160724	-0.26856
ENSG0000I	ENSG0000I	138724	C9orf131	chromosom	ENSG0000I	3.009274	-0.84884	3.160724	-0.26856
ENSG0000I	ENSG0000I	11169	WDHD1	WD repeat	ENSG0000I	3.009274	-0.84884	3.160724	-0.26856
ENSG0000I	ENSG0000I	132864	CPEB2	cytoplasmic	ENSG0000I	41.85887	0.249664	0.929958	0.268468
ENSG0000I	ENSG0000I	55347	ABHD10	abhydrolas	ENSG0000I	48.92419	0.247672	0.922932	0.268353
ENSG0000I	ENSG0000I	84186	ZCCHC7	zinc finger	ENSG0000I	25.57504	0.299543	1.116461	0.268297
ENSG0000I	ENSG0000I	84268	RPAIN	RPA intera	ENSG0000I	20.57802	-0.33311	1.241894	-0.26822
ENSG0000I	ENSG0000I	80204	FBXO11	F-box prot	ENSG0000I	41.72782	-0.25292	0.943041	-0.2682
ENSG0000I	ENSG0000I	4850	CNOT4	CCR4-NOT	ENSG0000I	41.72782	-0.25292	0.943041	-0.2682
ENSG0000I	ENSG0000I	5714	PSMD8	proteasom	ENSG0000I	145.6204	0.180552	0.673755	0.267979
ENSG0000I	ENSG0000I	64327	LMBR1	limb devel	ENSG0000I	52.18456	-0.23154	0.864136	-0.26795
ENSG0000I	ENSG0000I	80005	DOCK5	dedicator c	ENSG0000I	166.4016	0.165409	0.617399	0.267912
ENSG0000I	ENSG0000I	4363	ABCC1	ATP bindin	ENSG0000I	48.0592	-0.23884	0.891783	-0.26783
ENSG0000I	ENSG0000I	2162	F13A1	coagulatio	ENSG0000I	426.8059	0.562035	2.098506	0.267826
ENSG0000I	ENSG0000I	139322	APOOL	apolipopro	ENSG0000I	76.40498	0.207445	0.774815	0.267735
ENSG0000I	ENSG0000I	163175	LGI4	leucine ric	ENSG0000I	11.34134	0.425741	1.591354	0.267534
ENSG0000I	ENSG0000I	205717	USF3	upstream t	ENSG0000I	108.3862	-0.18366	0.686599	-0.26749
ENSG0000I	ENSG0000I	26986	PABPC1	poly(A) bin	ENSG0000I	227.9634	0.163191	0.610265	0.26741
ENSG0000I	ENSG0000I	57447	NDRG2	NDRG fami	ENSG0000I	205.8277	-0.15909	0.594988	-0.26739
ENSG0000I	ENSG0000I	91661	ZNF765	zinc finger	ENSG0000I	13.01181	0.405636	1.517038	0.267387
ENSG0000I	ENSG0000I	80010	RMI1	RecQ medi	ENSG0000I	7.543196	-0.5216	1.951119	-0.26734
ENSG0000I	ENSG0000I	170958	ZNF525	zinc finger	ENSG0000I	7.543196	-0.5216	1.951119	-0.26734
ENSG0000I	ENSG0000I	8624	PSMG1	proteasom	ENSG0000I	7.543196	-0.5216	1.951119	-0.26734

ENSG00000154896	PQLC2	PQ loop re	ENSG0000016141353	0.554358	2.074023	0.267286
ENSG00000151373	MRPS17	mitochond	ENSG0000016141353	0.554358	2.074023	0.267286
ENSG00000155036	CCDC40	coiled-coil	ENSG0000016141353	0.554358	2.074023	0.267286
ENSG000001641339	ZNF674	zinc finger	ENSG0000016141353	0.554358	2.074023	0.267286
ENSG000001348110	ARPIN	actin relat	ENSG0000014005513	0.250415	0.938523	0.266818
ENSG0000016821	SUOX	sulfite oxid	ENSG0000013540024	-0.26556	0.995433	-0.26678
ENSG0000011158	CKM	creatine ki	ENSG0000012918613	-0.149	0.55896	-0.26656
ENSG0000017678	ZNF124	zinc finger	ENSG000001148608	0.374025	1.403757	0.266446
ENSG0000017782	SLC30A4	solute carr	ENSG0000011627415	-0.36627	1.37499	-0.26638
ENSG0000016938	TCF12	transcripti	ENSG0000018549426	-0.19568	0.734908	-0.26626
ENSG0000012990	GUSB	glucuronid	ENSG0000012201662	0.315823	1.186345	0.266215
ENSG00000160672	MIIP	migration z	ENSG0000017867142	0.497547	1.869102	0.266196
ENSG0000015471	PPAT	phosphorit	ENSG0000017867142	0.497547	1.869102	0.266196
ENSG00000155068	ENOX1	ecto-NOX c	ENSG0000017867142	0.497547	1.869102	0.266196
ENSG00000151011	FAHD2A	fumarylac	ENSG0000012493722	-0.3119	1.172185	-0.26608
ENSG000001157657	C8orf37	chromosor	ENSG0000014454538	0.64781	2.436431	0.265885
ENSG00000191151	TIGD7	tigger tran	ENSG0000014454538	0.64781	2.436431	0.265885
ENSG00000160493	FASTKD5	FAST kinas	ENSG0000013458613	0.26533	0.998498	0.265729
ENSG00000128511	NKIRAS2	NFKB inhib	ENSG0000014551786	0.241643	0.909977	0.265549
ENSG0000013665	IRF7	interferon	ENSG0000015279374	-0.62162	2.341905	-0.26543
ENSG00000110464	PIBF1	progester	ENSG0000013104405	0.274436	1.034001	0.265412
ENSG0000018565	YARS	tyrosyl-tR	ENSG0000013956457	-0.25435	0.95898	-0.26523
ENSG000001493753	COA5	cytochrom	ENSG0000011841922	0.34038	1.283501	0.265197
ENSG000001163227	ZNF100	zinc finger	ENSG0000011841477	-0.34562	1.303506	-0.26514
ENSG00000155284	UBE2W	ubiquitin c	ENSG0000015633634	-0.22269	0.83995	-0.26513
ENSG00000164754	SMYD3	SET and M	ENSG0000019576582	0.453136	1.710686	0.264885
ENSG000001253714	MMS22L	MMS22 lik	ENSG0000019576582	0.453136	1.710686	0.264885
ENSG0000014211	MEIS1	Meis home	ENSG0000014595376	-0.24672	0.931601	-0.26483
ENSG00000184313	VPS25	vacuolar pi	ENSG0000011845819	0.338383	1.277764	0.264824
ENSG00000184790	TUBA1C	tubulin alp	ENSG0000019615555	0.449858	1.699239	0.264741
ENSG0000012241	FER	FER tyrosin	ENSG0000016188212	0.21502	0.812456	0.264655
ENSG00000123548	TTC33	tetratricop	ENSG0000012483665	-0.30547	1.154231	-0.26465
ENSG00000110771	ZMYND11	zinc finger	ENSG0000011394032	-0.17035	0.643722	-0.26463
ENSG000001151194	METTL21A	methyltrar	ENSG0000011136397	0.416798	1.575376	0.264571
ENSG0000010224086			ENSG0000011136397	0.416798	1.575376	0.264571
ENSG00000151116	MRPS2	mitochond	ENSG000001141109	-0.38789	1.467145	-0.26439
ENSG000001284273	ZADH2	zinc bindin	ENSG0000018934407	0.194191	0.734713	0.264309
ENSG00000156889	TM9SF3	transmeml	ENSG000001170219	0.16214	0.613455	0.264307
ENSG000001391	RHOG	ras homolc	ENSG0000011839843	-0.3477	1.316436	-0.26412
ENSG00000123108	RAP1GAP2	RAP1 GTPa	ENSG000001729823	0.201502	0.764082	0.263718
ENSG0000016879	TAF7	TATA-box k	ENSG0000011114853	0.178678	0.677913	0.26357
ENSG00000111143	KAT7	lysine acet	ENSG0000019280441	0.193259	0.733442	0.263496
ENSG0000018505	PARG	poly(ADP-r	ENSG0000013533864	-0.26224	0.995432	-0.26344
ENSG000001158471	PRUNE2	prune hom	ENSG000001162578	-0.36859	1.399532	-0.26336
ENSG00000179828	METTL8	methyltrar	ENSG0000012051643	-0.32751	1.243761	-0.26332
ENSG0000017627	ZNF75A	zinc finger	ENSG0000012051643	-0.32751	1.243761	-0.26332
ENSG0000016432	SRSF7	serine and	ENSG0000013536754	-0.26724	1.015442	-0.26318

ENSG0000I	ENSG0000I	6494	SIPA1	signal-indu	ENSG0000I	20.22923	0.324707	1.233906	0.263154
ENSG0000I	ENSG0000I	91942	NDUFAF2	NADH:ubic	ENSG0000I	16.67081	0.351424	1.336334	0.262976
ENSG0000I	ENSG0000I	861	RUNX1	runt relate	ENSG0000I	18.78057	-0.39371	1.497915	-0.26284
ENSG0000I	ENSG0000I	2026	ENO2	enolase 2	ENSG0000I	14.11717	-0.39592	1.506757	-0.26277
ENSG0000I	ENSG0000I	57643	ZSWIM5	zinc finger	ENSG0000I	5.256749	-0.60736	2.31183	-0.26272
ENSG0000I	ENSG0000I	101928079	SLC44A3-A	SLC44A3 al	ENSG0000I	5.256749	-0.60736	2.31183	-0.26272
ENSG0000I	ENSG000000274441				ENSG0000I	5.256749	-0.60736	2.31183	-0.26272
ENSG0000I	ENSG000000272462				ENSG0000I	5.256749	-0.60736	2.31183	-0.26272
ENSG0000I	ENSG000000235859				ENSG0000I	5.256749	-0.60736	2.31183	-0.26272
ENSG0000I	ENSG0000I	203062	TSNARE1	t-SNARE dc	ENSG0000I	5.256749	-0.60736	2.31183	-0.26272
ENSG0000I	ENSG0000I	57799	RAB40C	RAB40C, m	ENSG0000I	5.256749	-0.60736	2.31183	-0.26272
ENSG0000I	ENSG0000I	102724827	MIATNB	MIAT neigl	ENSG0000I	5.256749	-0.60736	2.31183	-0.26272
ENSG0000I	ENSG0000I	10343	PKDREJ	polycystin	ENSG0000I	5.256749	-0.60736	2.31183	-0.26272
ENSG0000I	ENSG0000I	55274	PHF10	PHD finger	ENSG0000I	104.3941	-0.1869	0.711461	-0.2627
ENSG0000I	ENSG0000I	197131	UBR1	ubiquitin p	ENSG0000I	91.63078	-0.18968	0.722192	-0.26265
ENSG0000I	ENSG0000I	255480	TBX5-AS1	TBX5 antis	ENSG0000I	11.94764	-0.41763	1.590438	-0.26259
ENSG0000I	ENSG0000I	131034	CPNE4	copine 4	ENSG0000I	25.19996	-0.33034	1.258532	-0.26248
ENSG0000I	ENSG0000I	57654	UVSSA	UV stimula	ENSG0000I	11.90867	-0.41464	1.580466	-0.26235
ENSG0000I	ENSG0000I	6897	TARS	threonyl-tf	ENSG0000I	64.57451	-0.20994	0.800755	-0.26218
ENSG0000I	ENSG0000I	7319	UBE2A	ubiquitin c	ENSG0000I	45.60209	0.236918	0.903795	0.262137
ENSG0000I	ENSG0000I	23001	WDFY3	WD repeat	ENSG0000I	203.165	0.157707	0.601788	0.262063
ENSG0000I	ENSG0000I	142679	DUSP19	dual specif	ENSG0000I	13.15135	0.389954	1.488082	0.262051
ENSG0000I	ENSG0000I	26509	MYOF	myoferlin	ENSG0000I	93.1451	0.186457	0.711546	0.262045
ENSG0000I	ENSG000000232295				ENSG0000I	5.295722	-0.61359	2.341844	-0.26201
ENSG0000I	ENSG0000I	84167	C19orf44	chromosor	ENSG0000I	5.295722	-0.61359	2.341844	-0.26201
ENSG0000I	ENSG0000I	8086	AAAS	aladin WD	ENSG0000I	26.87671	-0.29057	1.110616	-0.26163
ENSG0000I	ENSG0000I	29984	RHOD	ras homolc	ENSG0000I	9.784393	-0.46119	1.765895	-0.26117
ENSG0000I	ENSG000000227176				ENSG0000I	2.947677	-0.81278	3.115694	-0.26087
ENSG0000I	ENSG0000I	389336	C5orf46	chromosor	ENSG0000I	2.947677	-0.81278	3.115694	-0.26087
ENSG0000I	ENSG0000I	138046	RALYL	RALY RNA	ENSG0000I	2.947677	-0.81278	3.115694	-0.26087
ENSG0000I	ENSG0000I	338799	LINC01089	long interg	ENSG0000I	2.947677	-0.81278	3.115694	-0.26087
ENSG0000I	ENSG0000I	2653	GCSH	glycine cle	ENSG0000I	2.947677	-0.81278	3.115694	-0.26087
ENSG0000I	ENSG0000I	55314	TMEM144	transmeml	ENSG0000I	14.92239	0.365082	1.39952	0.260862
ENSG0000I	ENSG0000I	55094	GPATCH1	G-patch do	ENSG0000I	9.706447	-0.45392	1.740412	-0.26081
ENSG0000I	ENSG0000I	25865	PRKD2	protein kin	ENSG0000I	9.706447	-0.45392	1.740412	-0.26081
ENSG0000I	ENSG0000I	3092	HIP1	huntingtin	ENSG0000I	76.72552	0.196222	0.752996	0.260588
ENSG0000I	ENSG0000I	112970	KTI12	KTI12 chro	ENSG0000I	2.908704	-0.80221	3.080955	-0.26038
ENSG0000I	ENSG0000I	23421	ITGB3BP	integrin su	ENSG0000I	2.908704	-0.80221	3.080955	-0.26038
ENSG0000I	ENSG0000I	200185	KRTCAP2	keratinocy	ENSG0000I	2.908704	-0.80221	3.080955	-0.26038
ENSG0000I	ENSG000000235145				ENSG0000I	2.908704	-0.80221	3.080955	-0.26038
ENSG0000I	ENSG000000261451				ENSG0000I	2.908704	-0.80221	3.080955	-0.26038
ENSG0000I	ENSG0000I	79095	C9orf16	chromosor	ENSG0000I	2.908704	-0.80221	3.080955	-0.26038
ENSG0000I	ENSG000000272631				ENSG0000I	2.908704	-0.80221	3.080955	-0.26038
ENSG0000I	ENSG0000I	10003	NAALAD2	N-acetylata	ENSG0000I	2.908704	-0.80221	3.080955	-0.26038
ENSG0000I	ENSG0000I	9894	TELO2	telomere n	ENSG0000I	2.908704	-0.80221	3.080955	-0.26038
ENSG0000I	ENSG000000261884				ENSG0000I	2.908704	-0.80221	3.080955	-0.26038
ENSG0000I	ENSG000000280152				ENSG0000I	2.908704	-0.80221	3.080955	-0.26038

ENSG000001342909	ZNF284	zinc finger	ENSG0000012908704	-0.80221	3.080955	-0.26038
ENSG000001101929591	KIZ-AS1	KIZ antisense	ENSG0000012908704	-0.80221	3.080955	-0.26038
ENSG000001139065	SLITRK4	SLIT and NRP1	ENSG0000012908704	-0.80221	3.080955	-0.26038
ENSG00000123438	HARS2	histidyl-tRNA synthetase	ENSG0000012263443	-0.31115	1.195051	-0.26037
ENSG0000014357	MPST	mercaptopyruvate sulfurtransferase	ENSG0000012263443	-0.31115	1.195051	-0.26037
ENSG000001533	ATP6V0B	ATPase H+ transporting	ENSG0000012019026	0.326741	1.255192	0.260311
ENSG00000100229692			ENSG0000017504223	-0.517	1.986796	-0.26022
ENSG0000015481	PPID	peptidylprolyl isomerase	ENSG0000013113533	-0.27461	1.055501	-0.26017
ENSG000001127602	DNAH14	dynein axonemal	ENSG0000013070872	-0.88611	3.406855	-0.2601
ENSG0000016198	RPS6KB1	ribosomal protein S6	ENSG0000015201612	-0.22419	0.862093	-0.26006
ENSG00000155593	OTUD5	OTU deubiquitinase	ENSG0000012683773	-0.28907	1.112053	-0.25994
ENSG000001129401	NUP35	nucleoporin	ENSG0000014477163	0.621867	2.39563	0.259584
ENSG000001253639	ZNF620	zinc finger	ENSG0000014477163	0.621867	2.39563	0.259584
ENSG00000179723	SUV39H2	suppressor of variegation	ENSG0000014477163	0.621867	2.39563	0.259584
ENSG00000154903	MKS1	Meckel syndrome 1	ENSG0000014477163	0.621867	2.39563	0.259584
ENSG00000122	ABCB7	ATP binding cassette	ENSG0000013945772	-0.24763	0.953988	-0.25958
ENSG00000110575	CCT4	chaperonin	ENSG0000017489916	0.196691	0.757916	0.259516
ENSG000001255252	LRRC57	leucine rich repeat	ENSG0000012481403	-0.30247	1.165612	-0.25949
ENSG0000018491	MAP4K3	mitogen-activated protein kinase	ENSG0000017698708	-0.19632	0.756803	-0.25941
ENSG000001101410538	MMP24OS	MMP24 ortholog	ENSG0000011140294	0.413791	1.596845	0.25913
ENSG0000016050	RNH1	ribonuclease H1	ENSG0000014749632	0.229534	0.886076	0.259046
ENSG0000019993	DGCR2	DiGeorge syndrome critical region	ENSG000001582532	-0.21465	0.828661	-0.25903
ENSG0000016102	RP2	RP2, ARL3 binding protein	ENSG0000011317398	0.382392	1.476712	0.258948
ENSG00000110068	IL18BP	interleukin 18 binding protein	ENSG0000011488342	0.367541	1.419865	0.258856
ENSG00000154859	ELP6	elongator factor 6	ENSG000001140493	-0.37982	1.467758	-0.25878
ENSG0000019657	IQCB1	IQ motif containing	ENSG000001140493	-0.37982	1.467758	-0.25878
ENSG00000155644	OSGEP	O-sialoglycoprotein endopeptidase	ENSG000001140493	-0.37982	1.467758	-0.25878
ENSG00000110559	SLC35A1	solute carrier	ENSG0000017481598	-0.50693	1.959604	-0.25869
ENSG00000126048	ZNF500	zinc finger	ENSG0000017481598	-0.50693	1.959604	-0.25869
ENSG0000013191	HNRNPL	heterogeneous nuclear ribonucleoprotein	ENSG0000016867725	-0.20498	0.792594	-0.25862
ENSG00000179641	ROGDI	rogdi homologue	ENSG0000013476464	0.257741	0.997533	0.258379
ENSG00000155192	DNAJC17	DnaJ heat shock protein	ENSG000001963818	0.439066	1.699516	0.258348
ENSG0000014810	NHS	NHS actin binding protein	ENSG000001963818	0.439066	1.699516	0.258348
ENSG000001147947	ZNF542P	zinc finger	ENSG0000011496137	0.362734	1.404967	0.25818
ENSG000001220972	MARCH8	membrane associated guanylate kinase	ENSG0000017696446	-0.19542	0.757102	-0.25811
ENSG0000014686	NCBP1	nuclear cap protein	ENSG0000015657528	0.215317	0.834585	0.257992
ENSG000001573	BAG1	BCL2 associated protein	ENSG0000016246279	-0.21306	0.826061	-0.25792
ENSG00000179692	ZNF322	zinc finger	ENSG000001118697	-0.41163	1.596138	-0.25789
ENSG00000157451	TENM2	teneurin transmembrane	ENSG0000014383989	-0.15517	0.601855	-0.25782
ENSG00000164778	FNDC3B	fibronectin type 3 domain containing	ENSG0000012386414	0.148659	0.5768	0.25773
ENSG0000018576	STK16	serine/threonine kinase	ENSG0000011138659	0.407902	1.583806	0.257545
ENSG000001388815	MIR99AHG	mir-99a-let-7c-1-1	ENSG0000012903368	-0.28219	1.096102	-0.25745
ENSG00000193185	IGSF8	immunoglobulin superfamily	ENSG0000011142557	0.405017	1.573672	0.257371
ENSG00000111278	KLF12	Kruppel like factor	ENSG0000016880423	-0.20564	0.79959	-0.25718
ENSG00000189978	DPH6	diphthamir	ENSG0000011835945	-0.34538	1.343628	-0.25705
ENSG000001115752	DIS3L	DIS3 like elongation factor	ENSG0000015664695	0.215565	0.838781	0.256998
ENSG00000190120	TMEM250	transmembrane protein	ENSG0000011188605	-0.40812	1.58857	-0.25691

ENSG00000179635	CCDC121	coiled-coil	ENSG000001620951	0.53198	2.070885	0.256885
ENSG00000111157	LSM6	LSM6 hom	ENSG000001620951	0.53198	2.070885	0.256885
ENSG000001116138	KLHDC3	kelch dom	ENSG00000178.65873	0.192086	0.748208	0.256729
ENSG0000013714	JAG2	jagged 2	ENSG0000019.683822	-0.44592	1.736964	-0.25672
ENSG00000164975	MRPL41	mitochond	ENSG00000129.31198	0.278286	1.084293	0.256652
ENSG0000014249	MGAT5	alpha-1,6-r	ENSG000001220.3603	0.14985	0.583977	0.256602
ENSG0000013572	IL6ST	interleukin	ENSG000001483.2734	-0.14208	0.553732	-0.25659
ENSG0000015763	PTMS	parathymo	ENSG00000133.12007	-0.26417	1.030282	-0.2564
ENSG000001988	CDC5L	cell divisio	ENSG00000173.1671	0.196088	0.764871	0.256367
ENSG00000158473	PLEKHB1	pleckstrin l	ENSG0000019.677153	0.435813	1.70026	0.256321
ENSG000001100128252	ZNF667-AS	ZNF667 an	ENSG0000019.677153	0.435813	1.70026	0.256321
ENSG00000123136	EPB41L3	erythrocyt	ENSG00000125.72086	0.285691	1.115944	0.256008
ENSG00000147	ACLY	ATP citrate	ENSG00000168.59302	-0.20221	0.790279	-0.25587
ENSG0000013797	KIF3C	kinesin fan	ENSG0000016.163978	0.536586	2.097105	0.25587
ENSG000001197083			ENSG0000016.163978	0.536586	2.097105	0.25587
ENSG000001195828	ZNF367	zinc finger	ENSG0000016.163978	0.536586	2.097105	0.25587
ENSG0000019665	MARF1	meiosis reğ	ENSG00000195.12356	0.181642	0.709975	0.255843
ENSG00000157605	PITPNM2	phosphatic	ENSG00000130.99579	-0.26812	1.048147	-0.25581
ENSG0000015326	PLAGL2	PLAG1 like	ENSG00000118.33055	-0.33517	1.310272	-0.2558
ENSG00000151068	NMD3	NMD3 ribo	ENSG00000158.52484	0.209745	0.820114	0.255751
ENSG000001197370	NSMCE1	NSE1 hom	ENSG00000111.38032	0.422042	1.650669	0.255679
ENSG00000154149	C21orf91	chromosor	ENSG00000118.54242	0.326047	1.275908	0.255541
ENSG000001255919	CNEP1R1	CTD nuclea	ENSG00000116.77138	0.341332	1.336248	0.255441
ENSG0000014147	MATN2	matrilin 2	ENSG00000148.68656	0.249589	0.977281	0.255392
ENSG0000015664	PSEN2	presenilin	ENSG00000116.15095	-0.35219	1.3801	-0.25519
ENSG0000016576	SLC25A1	solute carr	ENSG00000114.98399	0.356196	1.39662	0.255041
ENSG0000016311	ATXN2	ataxin 2	ENSG00000187.31435	-0.18678	0.732438	-0.25501
ENSG00000179932	KIAA0319L	KIAA0319 l	ENSG000001155.9564	0.159576	0.62636	0.254767
ENSG000001128977	C22orf39	chromosor	ENSG00000145.95127	-0.24008	0.942707	-0.25467
ENSG000001102724316	SVIL-AS1	SVIL antise	ENSG00000122.53386	-0.30429	1.195243	-0.25459
ENSG00000122856	CHSY1	chondroitin	ENSG00000172.72218	-0.1962	0.771083	-0.25445
ENSG00000110735	STAG2	stromal an	ENSG000001109.8337	0.174244	0.685625	0.254139
ENSG0000013843	IPO5	importin 5	ENSG000001176.1683	0.156528	0.615929	0.254133
ENSG00000110552	ARPC1A	actin relat	ENSG00000175.06133	0.192471	0.757674	0.254029
ENSG0000017030	TFE3	transcripti	ENSG00000135.19282	-0.25343	0.997681	-0.25402
ENSG0000012770	GNAI1	G protein s	ENSG00000118.36952	-0.33737	1.328232	-0.254
ENSG00000123511	NUP188	nucleopori	ENSG00000160.39645	0.206155	0.811755	0.253962
ENSG0000018445	DYRK2	dual specif	ENSG00000173.22869	0.194286	0.765318	0.253863
ENSG000001647135	SRGAP2B	SLIT-ROBO	ENSG0000015.234124	-0.59276	2.335118	-0.25385
ENSG000001729234	FAHD2CP	fumarylac	ENSG0000015.234124	-0.59276	2.335118	-0.25385
ENSG00000184812	PLCD4	phospholip	ENSG0000015.234124	-0.59276	2.335118	-0.25385
ENSG000001284440	LINC00663	long interg	ENSG0000015.234124	-0.59276	2.335118	-0.25385
ENSG000001149047	MGC27382	uncharacte	ENSG0000012.812972	0.766633	3.020811	0.253784
ENSG0000012177	FANCD2	FA comple	ENSG0000012.812972	0.766633	3.020811	0.253784
ENSG000001260918			ENSG0000012.812972	0.766633	3.020811	0.253784
ENSG0000010257802			ENSG0000012.812972	0.766633	3.020811	0.253784
ENSG00000155833	UBAP2	ubiquitin a	ENSG00000160.34478	-0.21486	0.846785	-0.25374

ENSG00000123310	NCAPD3	non-SMC c	ENSG00000120.43848	-0.32353	1.27597	-0.25356
ENSG0000019883	POM121	POM121 tr	ENSG00000128.85516	-0.27378	1.07997	-0.25351
ENSG00000110618	TGOLN2	trans-golgi	ENSG000001238.2374	-0.14775	0.582953	-0.25345
ENSG00000111127	KIF3A	kinesin fan	ENSG00000124.7914	-0.29955	1.182409	-0.25334
ENSG0000011457	CSNK2A1	casein kina	ENSG000001109.9607	0.17357	0.685196	0.253315
ENSG0000016016	RIT1	Ras like wit	ENSG00000136.64253	0.245877	0.9708	0.253273
ENSG0000017776	ZNF236	zinc finger	ENSG00000130.95682	-0.26676	1.05423	-0.25304
ENSG00000128966	SNX24	sorting nex	ENSG00000113.9877	-0.37172	1.469374	-0.25298
ENSG0000017565	ZNF17	zinc finger	ENSG00000113.9877	-0.37172	1.469374	-0.25298
ENSG000001128344	PIFO	primary cil	ENSG0000017.458973	-0.49655	1.963863	-0.25284
ENSG00000111000	SLC27A3	solute carr	ENSG0000017.458973	-0.49655	1.963863	-0.25284
ENSG0000014255	MGMT	O-6-methy	ENSG0000017.458973	-0.49655	1.963863	-0.25284
ENSG0000012259	FGF14	fibroblast g	ENSG0000017.951365	0.466861	1.847148	0.252747
ENSG000001100506710	EBLN3P	endogeno	ENSG00000153.94932	-0.215	0.850737	-0.25272
ENSG00000155291	PPP6R3	protein ph	ENSG000001165.714	-0.15627	0.619214	-0.25236
ENSG00000150807	ASAP1	ArfGAP wit	ENSG000001101.6664	-0.17608	0.697834	-0.25233
ENSG00000163906	GPATCH3	G-patch do	ENSG0000015.195151	-0.58662	2.325622	-0.25224
ENSG0000013142	HLX	H2.0 like h	ENSG0000015.195151	-0.58662	2.325622	-0.25224
ENSG00000156131	PCDHB4	protocadh	ENSG0000015.195151	-0.58662	2.325622	-0.25224
ENSG000001157489	SDAD1P1	SDA1 dom	ENSG0000015.195151	-0.58662	2.325622	-0.25224
ENSG00000179154	DHRS11	dehydroge	ENSG0000015.195151	-0.58662	2.325622	-0.25224
ENSG00000111279	KLF8	Kruppel lik	ENSG0000015.195151	-0.58662	2.325622	-0.25224
ENSG00000100273015			ENSG00000120.3914	0.309833	1.228488	0.252207
ENSG0000019732	DOCK4	dedicator c	ENSG00000166.42349	-0.20006	0.793251	-0.2522
ENSG00000192609	TIMM50	translocase	ENSG00000133.09117	-0.25867	1.026126	-0.25208
ENSG00000151231	VRK3	VRK serine	ENSG00000123.96617	0.295294	1.172545	0.251841
ENSG00000125853	DCAF12	DDB1 and	ENSG00000143.98315	0.22821	0.906244	0.251819
ENSG00000127242	TNFRSF21	TNF recept	ENSG00000118.2526	-0.33103	1.314887	-0.25175
ENSG00000181037	CLPTM1L	CLPTM1 lik	ENSG00000126.73716	-0.28316	1.124956	-0.25171
ENSG0000015926	ARID4A	AT-rich int	ENSG00000154.84949	0.213155	0.846957	0.251672
ENSG0000019984	THOC1	THO compl	ENSG00000124.61288	-0.28975	1.151333	-0.25166
ENSG00000183700	JAM3	junctional ;	ENSG00000143.49258	-0.23138	0.92011	-0.25147
ENSG0000019531	BAG3	BCL2 assoc	ENSG00000189.97417	-0.19707	0.783877	-0.2514
ENSG00000188745	RRP36	ribosomal	ENSG00000122.20141	0.297907	1.185095	0.251378
ENSG0000018604	SLC25A12	solute carr	ENSG000001154.2759	0.157323	0.626034	0.2513
ENSG00000165977	PLEKHA3	pleckstrin f	ENSG00000164.30549	-0.20137	0.801819	-0.25115
ENSG000001153020	RASGEF1B	RasGEF do	ENSG00000116.11198	-0.34983	1.39618	-0.25056
ENSG00000157544	TXNDC16	thioredoxin	ENSG00000116.11198	-0.34983	1.39618	-0.25056
ENSG000001284370	ZNF615	zinc finger	ENSG00000116.11198	-0.34983	1.39618	-0.25056
ENSG0000017072	TIA1	TIA1 cytotc	ENSG00000151.26844	0.215705	0.860986	0.250532
ENSG00000126225	ARL5A	ADP ribosy	ENSG00000151.26844	0.215705	0.860986	0.250532
ENSG0000016606	SMN1	survival of	ENSG0000012.851945	0.758456	3.027943	0.250486
ENSG00000100237135			ENSG0000012.851945	0.758456	3.027943	0.250486
ENSG000001201229	LYRM9	LYR motif c	ENSG0000012.851945	0.758456	3.027943	0.250486
ENSG000001285636	C5orf51	chromosor	ENSG00000138.47517	0.239752	0.957903	0.250289
ENSG00000100240132			ENSG0000012.886079	-0.77632	3.103494	-0.25014
ENSG000001144699	FBXL14	F-box and l	ENSG0000012.886079	-0.77632	3.103494	-0.25014

ENSG00000156954	NIT2	nitrilase fa	ENSG0000013672048	0.243479	0.973449	0.25012
ENSG00000190993	CREB3L1	cAMP resp	ENSG0000012911163	-0.28562	1.142194	-0.25006
ENSG00000128970	C11orf54	chromosor	ENSG0000013931818	-0.24234	0.969208	-0.25004
ENSG0000011727	CYB5R3	cytochrom	ENSG0000011844064	-0.15328	0.613179	-0.24997
ENSG00000129777	ABT1	activator o	ENSG0000011148716	0.393311	1.573954	0.249887
ENSG0000017371	UCK2	uridine-cyt	ENSG0000017912392	0.470857	1.884572	0.249848
ENSG0000016885	MAP3K7	mitogen-a	ENSG0000015804578	-0.20723	0.829484	-0.24983
ENSG000001928	CD9	CD9 molec	ENSG0000016070561	-0.22097	0.884594	-0.2498
ENSG00000124139	EML2	echinoderr	ENSG0000012258918	-0.30452	1.219361	-0.24974
ENSG000001100505761	RPARP-AS1	RPARP anti	ENSG0000014516136	0.615627	2.46519	0.249728
ENSG00000160490	PPCDC	phosphopa	ENSG000001742	-0.4921	1.970961	-0.24967
ENSG0000015271	SERPINB8	serpin fam	ENSG000001742	-0.4921	1.970961	-0.24967
ENSG0000015688	PSMA7	proteasom	ENSG0000016780494	0.195252	0.782287	0.249591
ENSG000001339005	WHAMMP	WAS prote	ENSG0000019622224	-0.43432	1.740378	-0.24956
ENSG0000015987	TRIM27	tripartite n	ENSG0000013294456	0.257677	1.033477	0.24933
ENSG000001146691	TOM1L2	target of m	ENSG000001282342	-0.14888	0.597196	-0.24931
ENSG000001678	ZFP36L2	ZFP36 ring	ENSG0000018918216	-0.18275	0.733348	-0.2492
ENSG00000100268205			ENSG0000014557789	-0.22912	0.919911	-0.24906
ENSG00000126122	EPC2	enhancer c	ENSG000001496907	-0.21834	0.878651	-0.24849
ENSG0000011386	ATF2	activating t	ENSG0000015310108	0.212373	0.85493	0.24841
ENSG0000017059	THBS3	thrombosp	ENSG0000014538761	0.590906	2.378848	0.2484
ENSG0000013624	INHBA	inhibin sub	ENSG0000014538761	0.590906	2.378848	0.2484
ENSG0000016895	TARBP2	TARBP2, RI	ENSG0000014538761	0.590906	2.378848	0.2484
ENSG0000011827	RCAN1	regulator c	ENSG0000015682167	0.206043	0.829732	0.248325
ENSG00000179718	TBL1XR1	transducin	ENSG0000011820584	0.150821	0.607805	0.248141
ENSG000001152002	XXYL1	xyloside xy	ENSG0000016225576	0.514389	2.073371	0.248093
ENSG000001319085	ITPK1-AS1	ITPK1 antis	ENSG0000016225576	0.514389	2.073371	0.248093
ENSG00000125796	PGLS	6-phospho	ENSG0000016225576	0.514389	2.073371	0.248093
ENSG000001140838	NANP	N-acetylne	ENSG0000016225576	0.514389	2.073371	0.248093
ENSG0000012519	FUCA2	alpha-L-fuc	ENSG0000012208449	0.303468	1.22363	0.248006
ENSG0000019525	VPS4B	vacuolar pi	ENSG0000013662618	0.244798	0.987406	0.24792
ENSG0000012230	FDX1	ferredoxin	ENSG0000012584406	0.275496	1.111841	0.247784
ENSG00000129079	MED4	mediator c	ENSG0000012584406	0.275496	1.111841	0.247784
ENSG0000014436	MSH2	mutS hom	ENSG0000011864299	0.316939	1.279811	0.247646
ENSG000001114294	LACTB	lactamase	ENSG0000012945781	0.266304	1.075568	0.247594
ENSG0000013336	HSPE1	heat shock	ENSG0000019738751	0.421857	1.703962	0.247574
ENSG0000016470	SHMT1	serine hyd	ENSG0000012037688	-0.31782	1.284028	-0.24752
ENSG00000154439	RBM27	RNA bindir	ENSG0000012244963	-0.29572	1.195768	-0.24731
ENSG0000011874	E2F4	E2F transcr	ENSG0000013857574	0.235181	0.951128	0.247266
ENSG000001406	ARNTL	aryl hydroc	ENSG0000012680504	-0.29101	1.177302	-0.24719
ENSG00000193166	PRDM6	PR/SET dor	ENSG0000012751375	0.822409	3.329393	0.247015
ENSG0000013786	KCNQ3	potassium	ENSG0000012751375	0.822409	3.329393	0.247015
ENSG00000100278879			ENSG0000012751375	0.822409	3.329393	0.247015
ENSG0000014902	NRTN	neurturin	ENSG0000012751375	0.822409	3.329393	0.247015
ENSG00000125896	INTS7	integrator	ENSG0000011681663	0.329877	1.336252	0.246867
ENSG0000015886	RAD23A	RAD23 hor	ENSG0000017882979	-0.18728	0.758817	-0.2468
ENSG0000016137	RPL13	ribosomal	ENSG0000012597895	0.15375	0.623637	0.246537

ENSG0000I	ENSG0000I	64847	SPATA20	spermatog	ENSG0000I	49.72339	-0.21728	0.88196	-0.24636
ENSG0000I	ENSG0000I	100996492	CTXND1	cortexin dc	ENSG0000I	16.06673	-0.34026	1.381526	-0.24629
ENSG0000I	ENSG0000I	7064	THOP1	thimet olig	ENSG0000I	16.06673	-0.34026	1.381526	-0.24629
ENSG0000I	ENSG0000I	344148	NCKAP5	NCK associ	ENSG0000I	30.92791	-0.26082	1.059084	-0.24627
ENSG0000I	ENSG0000I	5139	PDE3A	phosphodi	ENSG0000I	653.2782	0.133089	0.540614	0.246181
ENSG0000I	ENSG0000I	23160	WDR43	WD repeat	ENSG0000I	43.98942	0.225428	0.916183	0.246051
ENSG0000I	ENSG0000I	4594	MUT	methylmal	ENSG0000I	53.80978	-0.21101	0.857825	-0.24598
ENSG0000I	ENSG0000I	5730	PTGDS	prostaglan	ENSG0000I	366.855	-0.33822	1.375017	-0.24598
ENSG0000I	ENSG0000I	320	APBA1	amyloid be	ENSG0000I	6.264549	0.509857	2.073075	0.245942
ENSG0000I	ENSG0000I	493	ATP2B4	ATPase pla	ENSG0000I	383.332	0.133386	0.542449	0.245896
ENSG0000I	ENSG0000I	6122	RPL3	ribosomal	ENSG0000I	193.6891	-0.16546	0.673946	-0.2455
ENSG0000I	ENSG0000I	23064	SETX	senataxin	ENSG0000I	206.1064	0.145717	0.593646	0.245461
ENSG0000I	ENSG0000I	2956	MSH6	mutS hom	ENSG0000I	47.67105	0.217957	0.888033	0.245438
ENSG0000I	ENSG0000I	79712	GTDC1	glycosyltra	ENSG0000I	34.97206	0.243906	0.994412	0.245277
ENSG0000I	ENSG0000I	7551	ZNF3	zinc finger	ENSG0000I	24.64179	-0.29682	1.210256	-0.24525
ENSG0000I	ENSG0000I	85460	ZNF518B	zinc finger	ENSG0000I	64.24651	0.195034	0.795606	0.245139
ENSG0000I	ENSG0000I	7675	ZNF121	zinc finger	ENSG0000I	49.69697	-0.22021	0.898321	-0.24513
ENSG0000I	ENSG0000I	4929	NR4A2	nuclear rec	ENSG0000I	5.172526	-0.57172	2.333771	-0.24498
ENSG0000I	ENSG0000I	2100	ESR2	estrogen r	ENSG0000I	5.172526	-0.57172	2.333771	-0.24498
ENSG0000I	ENSG0000I	6619	SNAPC3	small nucle	ENSG0000I	60.15751	-0.20403	0.83292	-0.24495
ENSG0000I	ENSG0000I	0259972			ENSG0000I	7.397375	-0.48161	1.96614	-0.24495
ENSG0000I	ENSG0000I	10126	DNAL4	dynein axo	ENSG0000I	7.397375	-0.48161	1.96614	-0.24495
ENSG0000I	ENSG0000I	440574	MINOS1	mitochond	ENSG0000I	11.76285	-0.38896	1.588717	-0.24483
ENSG0000I	ENSG0000I	7494	XBP1	X-box bind	ENSG0000I	78.973	0.182435	0.745575	0.24469
ENSG0000I	ENSG0000I	0280355			ENSG0000I	2.847106	-0.76571	3.129903	-0.24464
ENSG0000I	ENSG0000I	79820	CATSPERB	cation char	ENSG0000I	2.847106	-0.76571	3.129903	-0.24464
ENSG0000I	ENSG0000I	646	BNC1	basonuclin	ENSG0000I	2.847106	-0.76571	3.129903	-0.24464
ENSG0000I	ENSG0000I	105371492	LOC105371	uncharacte	ENSG0000I	2.847106	-0.76571	3.129903	-0.24464
ENSG0000I	ENSG0000I	84798	C19orf48	chromosor	ENSG0000I	2.847106	-0.76571	3.129903	-0.24464
ENSG0000I	ENSG0000I	170487	ACTL10	actin like 1	ENSG0000I	2.847106	-0.76571	3.129903	-0.24464
ENSG0000I	ENSG0000I	11274	USP18	ubiquitin s	ENSG0000I	2.847106	-0.76571	3.129903	-0.24464
ENSG0000I	ENSG0000I	4669	NAGLU	N-acetyl-al	ENSG0000I	9.583251	-0.43068	1.76192	-0.24444
ENSG0000I	ENSG0000I	22868	FASTKD2	FAST kinas	ENSG0000I	56.91597	0.204842	0.838434	0.244316
ENSG0000I	ENSG0000I	79974	CPED1	cadherin lil	ENSG0000I	86.93469	-0.17953	0.734891	-0.24429
ENSG0000I	ENSG0000I	160428	ALDH1L2	aldehyde d	ENSG0000I	20.47562	0.298779	1.22336	0.244228
ENSG0000I	ENSG0000I	28514	DLL1	delta like c	ENSG0000I	9.70017	-0.44216	1.811455	-0.24409
ENSG0000I	ENSG0000I	79568	MAIP1	matrix AA	ENSG0000I	9.761376	0.411373	1.685976	0.243997
ENSG0000I	ENSG0000I	10640	EXOC5	exocyst cor	ENSG0000I	86.28471	0.180584	0.740154	0.243982
ENSG0000I	ENSG0000I	79823	CAMKMT	calmodulin	ENSG0000I	8.012963	0.449904	1.844105	0.243969
ENSG0000I	ENSG0000I	25819	NOCT	nocturnin	ENSG0000I	8.012963	0.449904	1.844105	0.243969
ENSG0000I	ENSG0000I	51293	CD320	CD320 mol	ENSG0000I	8.012963	0.449904	1.844105	0.243969
ENSG0000I	ENSG0000I	8863	PER3	period circ	ENSG0000I	47.78796	0.214977	0.881218	0.243955
ENSG0000I	ENSG0000I	3842	TNPO1	transportir	ENSG0000I	184.111	0.147276	0.603789	0.243919
ENSG0000I	ENSG0000I	84335	AKT1S1	AKT1 subst	ENSG0000I	22.24666	0.289549	1.18765	0.2438
ENSG0000I	ENSG0000I	9527	GOSR1	golgi SNAP	ENSG0000I	45.95533	0.218868	0.898085	0.243705
ENSG0000I	ENSG0000I	2963	GTF2F2	general tra	ENSG0000I	24.05667	0.280113	1.150029	0.24357
ENSG0000I	ENSG0000I	9917	FAM20B	FAM20B, g	ENSG0000I	141.6837	0.155955	0.640772	0.243387

ENSG000001729614	FLJ37453	uncharacte	ENSG000001729614	2.87457	0.715694	2.9412	0.243334
ENSG0000019095	TBX19	T-box 19	ENSG0000019095	2.87457	0.715694	2.9412	0.243334
ENSG0000011234	CCR5	C-C motif c	ENSG0000011234	2.87457	0.715694	2.9412	0.243334
ENSG000001150472	CBWD2	COBW don	ENSG000001150472	2.87457	0.715694	2.9412	0.243334
ENSG000001255189	PLA2G4F	phospholip	ENSG000001255189	2.87457	0.715694	2.9412	0.243334
ENSG0000013038	HAS3	hyaluronar	ENSG0000013038	2.87457	0.715694	2.9412	0.243334
ENSG0000014622	MYH4	myosin hez	ENSG0000014622	2.87457	0.715694	2.9412	0.243334
ENSG00000265542			ENSG00000265542	2.87457	0.715694	2.9412	0.243334
ENSG00000268521			ENSG00000268521	2.87457	0.715694	2.9412	0.243334
ENSG000001133619	PRRC1	proline ricl	ENSG000001133619	40.48632	0.227594	0.935951	0.243169
ENSG0000013845	KRAS	KRAS protc	ENSG0000013845	36.82732	0.235177	0.96771	0.243024
ENSG000001150678	COPS9	COP9 signa	ENSG000001150678	15.10719	0.338568	1.394652	0.242762
ENSG00000110435	CDC42EP2	CDC42 effe	ENSG00000110435	13.88713	-0.36092	1.487338	-0.24266
ENSG0000017699	ZNF140	zinc finger	ENSG0000017699	13.88713	-0.36092	1.487338	-0.24266
ENSG00000158986	TMEM8A	transmeml	ENSG00000158986	11.7465	-0.39242	1.617977	-0.24254
ENSG0000013508	IGHMBP2	immunogl	ENSG0000013508	13.90348	-0.35795	1.476279	-0.24247
ENSG00000110322	SMYD5	SMYD fami	ENSG00000110322	20.28638	-0.30296	1.249918	-0.24238
ENSG00000151283	BFAR	bifunctionz	ENSG00000151283	38.67631	0.23064	0.952334	0.242184
ENSG0000012941	GSTA4	glutathionz	ENSG0000012941	11.54876	0.381671	1.576196	0.242147
ENSG00000151491	NOP16	NOP16 nuc	ENSG00000151491	9.560626	-0.42263	1.745617	-0.24211
ENSG00000184923	FAM104A	family with	ENSG00000184923	9.560626	-0.42263	1.745617	-0.24211
ENSG00000110558	SPTLC1	serine paln	ENSG00000110558	24.55756	-0.28925	1.194967	-0.24205
ENSG0000012627	GATA6	GATA bind	ENSG0000012627	36.82105	0.238615	0.986005	0.242002
ENSG000001340526	RTL5	retrotransz	ENSG000001340526	9.722403	0.41477	1.714184	0.241963
ENSG00000155750	AGK	acylglycerc	ENSG00000155750	32.94535	-0.24926	1.030472	-0.24189
ENSG00000122950	SLC4A1AP	solute carr	ENSG00000122950	27.75464	0.261954	1.084325	0.241583
ENSG00000154505	DHX29	DExH-box l	ENSG00000154505	45.38682	-0.21912	0.907453	-0.24147
ENSG0000014799	NFX1	nuclear tra	ENSG0000014799	88.97854	-0.17587	0.729038	-0.24123
ENSG00000110447	FAM3C	family with	ENSG00000110447	36.8663	0.233984	0.970027	0.241214
ENSG000001150967	LINC01963	long interg	ENSG000001150967	5.133553	-0.56555	2.345153	-0.24116
ENSG000001155400	NSUN5P1	NOP2/Sun	ENSG000001155400	5.133553	-0.56555	2.345153	-0.24116
ENSG0000017517	XRCC3	X-ray repai	ENSG0000017517	5.133553	-0.56555	2.345153	-0.24116
ENSG00000184662	GLIS2	GLIS family	ENSG00000184662	5.133553	-0.56555	2.345153	-0.24116
ENSG00000190410	IFT20	intraflagell	ENSG00000190410	5.133553	-0.56555	2.345153	-0.24116
ENSG00000151588	PIAS4	protein inh	ENSG00000151588	5.133553	-0.56555	2.345153	-0.24116
ENSG00000127143	PALD1	phosphataz	ENSG00000127143	13.3198	0.354832	1.471603	0.241119
ENSG00000111253	MAN1B1	mannosida	ENSG00000111253	32.8674	-0.24667	1.023171	-0.24108
ENSG00000122800	RRAS2	RAS relatez	ENSG00000122800	20.5146	0.296903	1.231613	0.241069
ENSG00000184458	LCOR	ligand depz	ENSG00000184458	95.65531	0.169983	0.705331	0.240997
ENSG000001149041	RC3H1	ring finger	ENSG000001149041	109.5124	-0.16474	0.68443	-0.24069
ENSG00000123028	KDM1A	lysine dem	ENSG00000123028	77.24093	0.181508	0.754394	0.240601
ENSG0000014857	NOVA1	NOVA altez	ENSG0000014857	7.358402	-0.47708	1.985538	-0.24028
ENSG00000151095	TRNT1	tRNA nucle	ENSG00000151095	18.12941	-0.31834	1.326425	-0.24
ENSG0000016504	SLAMF1	signaling ly	ENSG0000016504	2.931329	-0.82399	3.433322	-0.24
ENSG00000151540	SCLY	selenocystz	ENSG00000151540	2.931329	-0.82399	3.433322	-0.24
ENSG0000019975	NR1D2	nuclear rec	ENSG0000019975	109.623	-0.16558	0.689999	-0.23997
ENSG00000164332	NFKBIZ	NFKB inhib	ENSG00000164332	47.57897	-0.22282	0.928615	-0.23995

ENSG00000151379	CRLF3	cytokine re	ENSG00000120.49825	0.294209	1.226284	0.239919
ENSG000001768211	RELL1	RELT like 1	ENSG00000134.73823	0.252071	1.051869	0.239641
ENSG0000017156	TOP3A	DNA topoi	ENSG00000122.30826	0.28365	1.183985	0.239572
ENSG0000014824	NKX3-1	NK3 home	ENSG0000016.287174	0.492588	2.056411	0.239538
ENSG000001129642	MBOAT2	membrane	ENSG00000136.88892	0.231627	0.96727	0.239465
ENSG000001140606	SELENOM	selenoprot	ENSG00000118.15203	-0.32239	1.346748	-0.23938
ENSG00000183483	PLVAP	plasmalem	ENSG00000120.6748	-0.35006	1.462399	-0.23937
ENSG00000125871	NEPRO	nucleolus e	ENSG00000147.87219	0.210484	0.879341	0.239366
ENSG0000014783	NFIL3	nuclear fac	ENSG00000147.75527	0.21349	0.892304	0.239257
ENSG00000155745	AP5M1	adaptor rel	ENSG00000151.43689	0.207405	0.866939	0.239239
ENSG00000123466	CBX6	chromobo	ENSG00000158.87808	0.195786	0.818597	0.239173
ENSG0000019318	COPS2	COP9 signa	ENSG00000186.40791	0.177508	0.742726	0.238995
ENSG00000190459	ERI1	exoribonuc	ENSG00000113.28083	0.357573	1.497838	0.238726
ENSG0000013815	KIT	KIT proto-c	ENSG0000015.156178	-0.57953	2.427634	-0.23872
ENSG0000017296	TXNRD1	thioredoxir	ENSG000001211.9363	0.143244	0.600116	0.238695
ENSG00000125820	ARIH1	ariadne RB	ENSG000001119.7172	0.159189	0.667217	0.238586
ENSG0000012875	GPT	glutamic--p	ENSG00000111.57139	0.373021	1.56404	0.238498
ENSG000001643836	ZFP62	ZFP62 zinc	ENSG00000126.54609	-0.26586	1.114796	-0.23848
ENSG000001221078	NSUN6	NOP2/Sun	ENSG00000115.12981	0.33214	1.39272	0.238483
ENSG00000192002	CCNQ	cyclin Q	ENSG00000115.12981	0.33214	1.39272	0.238483
ENSG00000122863	ATG14	autophagy	ENSG00000149.48328	-0.20964	0.879394	-0.23839
ENSG0000018481	OFD1	OFD1, cent	ENSG00000120.45928	0.296187	1.244822	0.237935
ENSG000001374969	SVBP	small vasol	ENSG0000012.824481	-0.73918	3.109116	-0.23775
ENSG00000180235	PIGZ	phosphatic	ENSG0000012.824481	-0.73918	3.109116	-0.23775
ENSG0000010229226			ENSG0000012.824481	-0.73918	3.109116	-0.23775
ENSG00000184547	PGBD1	piggyBac tr	ENSG0000012.824481	-0.73918	3.109116	-0.23775
ENSG00000155166	CENPQ	centromer	ENSG0000012.824481	-0.73918	3.109116	-0.23775
ENSG00000110013089C	TSTD3	thiosulfate	ENSG0000012.824481	-0.73918	3.109116	-0.23775
ENSG0000018989	TRPA1	transient r	ENSG0000012.824481	-0.73918	3.109116	-0.23775
ENSG00000164768	IPPK	inositol-pe	ENSG0000012.824481	-0.73918	3.109116	-0.23775
ENSG0000011111	CHEK1	checkpoint	ENSG0000012.824481	-0.73918	3.109116	-0.23775
ENSG0000018938	BAIAP3	BAI1 assoc	ENSG0000012.824481	-0.73918	3.109116	-0.23775
ENSG000001146556	C16orf89	chromosor	ENSG0000012.824481	-0.73918	3.109116	-0.23775
ENSG000001333929	SNAI3	snail famil	ENSG0000012.824481	-0.73918	3.109116	-0.23775
ENSG00000179822	ARHGAP28	Rho GTPas	ENSG0000012.824481	-0.73918	3.109116	-0.23775
ENSG0000010238102			ENSG0000012.824481	-0.73918	3.109116	-0.23775
ENSG00000110893	MMP24	matrix met	ENSG0000012.824481	-0.73918	3.109116	-0.23775
ENSG0000010234869			ENSG0000012.824481	-0.73918	3.109116	-0.23775
ENSG0000010210140			ENSG0000012.824481	-0.73918	3.109116	-0.23775
ENSG00000122807	IKZF2	IKAROS far	ENSG00000120.26376	-0.29917	1.258781	-0.23767
ENSG0000012907	GRINA	glutamate	ENSG00000151.53746	0.203897	0.859023	0.23736
ENSG0000019332	CD163	CD163 mol	ENSG000001295.2352	0.601007	2.533639	0.237211
ENSG0000016385	SDC4	syndecan 4	ENSG00000190.24162	0.170646	0.720103	0.236975
ENSG00000155701	ARHGEF40	Rho guanir	ENSG00000142.40318	0.217686	0.918856	0.23691
ENSG00000123649	POLA2	DNA polyn	ENSG00000113.84188	-0.34972	1.476439	-0.23686
ENSG00000122875	ENPP4	ectonucleo	ENSG00000166.03128	-0.18805	0.794338	-0.23674
ENSG000001392617	ELFN1	extracellul	ENSG0000017.335777	-0.46654	1.971086	-0.23669

ENSG0000I	ENSG0000I	84671	ZNF347	zinc finger	ENSG0000I	34.88483	-0.2366	0.999633	-0.23669
ENSG0000I	ENSG0000I	60314	C12orf10	chromosor	ENSG0000I	9.538001	-0.41442	1.751017	-0.23668
ENSG0000I	ENSG0000I	51174	TUBD1	tubulin del	ENSG0000I	9.538001	-0.41442	1.751017	-0.23668
ENSG0000I	ENSG0000I	984	CDK11B	cyclin depe	ENSG0000I	15.9825	-0.32823	1.387936	-0.23649
ENSG0000I	ENSG0000I	126792	B3GALT6	beta-1,3-ga	ENSG0000I	8.035588	0.436865	1.84773	0.236433
ENSG0000I	ENSG0000I	79819	WDR78	WD repeat	ENSG0000I	8.035588	0.436865	1.84773	0.236433
ENSG0000I	ENSG0000I	53616	ADAM22	ADAM met	ENSG0000I	8.035588	0.436865	1.84773	0.236433
ENSG0000I	ENSG0000I	222229	LRWD1	leucine ricl	ENSG0000I	8.035588	0.436865	1.84773	0.236433
ENSG0000I	ENSG0000I	857	CAV1	caveolin 1	ENSG0000I	374.5599	0.132007	0.558514	0.236355
ENSG0000I	ENSG0000I	1063	CENPF	centromeri	ENSG0000I	4.600359	0.560522	2.372018	0.236306
ENSG0000I	ENSG0000I	100506881	MKLN1-AS	MKLN1 ant	ENSG0000I	4.600359	0.560522	2.372018	0.236306
ENSG0000I	ENSG0000I	80007	C10orf88	chromosor	ENSG0000I	4.600359	0.560522	2.372018	0.236306
ENSG0000I	ENSG0000I	26094	DCAF4	DDB1 and (	ENSG0000I	4.600359	0.560522	2.372018	0.236306
ENSG0000I	ENSG0000I	100506325	SP2-AS1	SP2 antiser	ENSG0000I	4.600359	0.560522	2.372018	0.236306
ENSG0000I	ENSG0000I	22894	DIS3	DIS3 homo	ENSG0000I	55.65876	-0.19915	0.843302	-0.23616
ENSG0000I	ENSG0000I	23107	MRPS27	mitochond	ENSG0000I	114.0898	0.163934	0.694407	0.236078
ENSG0000I	ENSG0000I	23762	OSBP2	oxysterol b	ENSG0000I	16.95617	0.317646	1.345526	0.236076
ENSG0000I	ENSG0000I	3295	HSD17B4	hydroxyste	ENSG0000I	160.9991	-0.14862	0.629595	-0.23606
ENSG0000I	ENSG0000I	10960	LMAN2	lectin, man	ENSG0000I	29.57093	0.251282	1.064652	0.236023
ENSG0000I	ENSG0000I	842	CASP9	caspase 9	ENSG0000I	13.88085	-0.35241	1.49323	-0.23601
ENSG0000I	ENSG0000I	57213	SPRYD7	SPRY doma	ENSG0000I	13.88085	-0.35241	1.49323	-0.23601
ENSG0000I	ENSG0000I	3098	HK1	hexokinase	ENSG0000I	273.4064	0.132734	0.562509	0.235967
ENSG0000I	ENSG0000I	9652	TTC37	tetratricop	ENSG0000I	147.5512	0.14937	0.633247	0.23588
ENSG0000I	ENSG0000I	79600	TCTN1	tectonic fa	ENSG0000I	18.74984	0.299765	1.271148	0.235823
ENSG0000I	ENSG0000I	84861	KLHL22	kelch like f	ENSG0000I	13.82553	-0.35266	1.496024	-0.23573
ENSG0000I	ENSG0000I	5562	PRKAA1	protein kin	ENSG0000I	80.49018	-0.17754	0.753239	-0.2357
ENSG0000I	ENSG0000I	7110	TMF1	TATA elem	ENSG0000I	53.3701	0.200982	0.852701	0.2357
ENSG0000I	ENSG0000I	5519	PPP2R1B	protein ph	ENSG0000I	20.18581	-0.29535	1.253171	-0.23568
ENSG0000I	ENSG0000I	4060	LUM	lumican	ENSG0000I	115.5257	-0.15951	0.677031	-0.23561
ENSG0000I	ENSG00000272235				ENSG0000I	5.110928	-0.55044	2.337281	-0.2355
ENSG0000I	ENSG00000250159				ENSG0000I	5.110928	-0.55044	2.337281	-0.2355
ENSG0000I	ENSG0000I	285958	SNHG15	small nucle	ENSG0000I	5.110928	-0.55044	2.337281	-0.2355
ENSG0000I	ENSG0000I	8559	PRPF18	pre-mRNA	ENSG0000I	5.110928	-0.55044	2.337281	-0.2355
ENSG0000I	ENSG00000250899				ENSG0000I	5.110928	-0.55044	2.337281	-0.2355
ENSG0000I	ENSG0000I	55201	MAP1S	microtubul	ENSG0000I	5.110928	-0.55044	2.337281	-0.2355
ENSG0000I	ENSG0000I	284325	C19orf54	chromosor	ENSG0000I	5.110928	-0.55044	2.337281	-0.2355
ENSG0000I	ENSG0000I	55217	TMLHE	trimethylly	ENSG0000I	22.36358	0.284136	1.207418	0.235325
ENSG0000I	ENSG0000I	54855	TENT5C	terminal n	ENSG0000I	53.44176	0.201295	0.855647	0.235255
ENSG0000I	ENSG0000I	58508	KMT2C	lysine metl	ENSG0000I	364.1641	-0.12737	0.541457	-0.23523
ENSG0000I	ENSG0000I	4905	NSF	N-ethylmal	ENSG0000I	22.36986	0.277779	1.1809	0.235226
ENSG0000I	ENSG0000I	8882	ZPR1	ZPR1 zinc f	ENSG0000I	27.83887	0.254	1.079844	0.235219
ENSG0000I	ENSG0000I	171017	ZNF384	zinc finger	ENSG0000I	15.94353	-0.32593	1.386027	-0.23516
ENSG0000I	ENSG0000I	2060	EPS15	epidermal	ENSG0000I	162.3682	0.145588	0.619137	0.235147
ENSG0000I	ENSG0000I	537	ATP6AP1	ATPase H+	ENSG0000I	47.34265	-0.21039	0.895021	-0.23507
ENSG0000I	ENSG0000I	54539	NDUFB11	NADH:ubic	ENSG0000I	47.47592	-0.21279	0.905242	-0.23506
ENSG0000I	ENSG0000I	145508	CEP128	centrosom	ENSG0000I	13.3814	0.344921	1.467764	0.234998
ENSG0000I	ENSG0000I	23295	MGRN1	mahogunir	ENSG0000I	33.29152	0.236471	1.006752	0.234885

ENSG0000016730	SRP68	signal reco	ENSG00000153.55711	-0.20027	0.853047	-0.23477
ENSG0000014869	NPM1	nucleopho	ENSG000001208.1201	0.143075	0.609572	0.234713
ENSG00000184230	LRRC8C	leucine ric	ENSG00000141.10557	-0.22185	0.945474	-0.23465
ENSG0000014736	RPL10A	ribosomal	ENSG000001185.6607	0.149332	0.636861	0.234481
ENSG00000184910	TMEM87B	transmeml	ENSG00000131.34197	0.247729	1.05656	0.234467
ENSG00000155299	BRIX1	BRX1, biog	ENSG0000019.499028	-0.41085	1.752776	-0.2344
ENSG00000123732	FRRS1L	ferric chela	ENSG0000019.499028	-0.41085	1.752776	-0.2344
ENSG000001553103	MIR3936H	MIR3936 h	ENSG0000016.326147	0.487935	2.081866	0.234374
ENSG000001381	ARF5	ADP ribosy	ENSG00000118.78881	0.297796	1.271719	0.234168
ENSG000001115572	TENT5B	terminal ni	ENSG00000124.21884	0.267612	1.142875	0.234157
ENSG00000192906	HNRNPLL	heterogen	ENSG00000124.21884	0.267612	1.142875	0.234157
ENSG00000110013	HDAC6	histone de	ENSG00000136.94123	-0.22882	0.977773	-0.23402
ENSG00000126515	TIMM10B	translocase	ENSG00000131.48151	0.240691	1.028787	0.233956
ENSG00000154414	SIAE	sialic acid a	ENSG00000168.24357	-0.18845	0.805684	-0.2339
ENSG000001152485	ZNF827	zinc finger	ENSG00000139.05923	-0.22495	0.961797	-0.23389
ENSG0000014750	NEK1	NIMA relat	ENSG00000139.05923	-0.22495	0.961797	-0.23389
ENSG00000157337	SEN7	SUMO spe	ENSG00000142.4585	0.217496	0.929974	0.233874
ENSG00000110809	STARD10	StAR relate	ENSG00000120.59882	0.285978	1.222919	0.233849
ENSG00000158488	PCTP	phosphatic	ENSG00000120.59882	0.285978	1.222919	0.233849
ENSG00000184236	RHBDD1	rhomboid	ENSG00000131.45261	0.247583	1.0589	0.233811
ENSG0000011889	ECE1	endothelin	ENSG000001130.099	-0.15571	0.66619	-0.23374
ENSG00000151520	LARS	leucyl-tRN	ENSG000001131.9606	-0.15267	0.653274	-0.23371
ENSG0000011997	ELF1	E74 like ET	ENSG00000179.18669	0.175197	0.750321	0.233496
ENSG00000165084	TMEM135	transmeml	ENSG00000120.20216	-0.29342	1.257014	-0.23342
ENSG00000189801	PPP1R3F	protein ph	ENSG00000120.20216	-0.29342	1.257014	-0.23342
ENSG00000110421	CD2BP2	CD2 cytopl	ENSG00000145.25735	-0.2116	0.906628	-0.23339
ENSG00000180852	GRIP2	glutamate	ENSG00000128.64147	-0.25507	1.093102	-0.23335
ENSG0000019679	FAM53B	family with	ENSG00000147.90488	0.211811	0.907805	0.233322
ENSG0000015530	PPP3CA	protein ph	ENSG00000146.06845	0.209753	0.899891	0.233087
ENSG00000125924	MYRIP	myosin VII	ENSG0000014.561386	0.566557	2.432916	0.232871
ENSG000001005235945			ENSG0000014.561386	0.566557	2.432916	0.232871
ENSG000001642517	AGAP9	ArfGAP wit	ENSG0000014.561386	0.566557	2.432916	0.232871
ENSG000001745	MYRF	myelin reg	ENSG0000014.561386	0.566557	2.432916	0.232871
ENSG00000154516	MTRF1L	mitochond	ENSG00000115.19141	0.323444	1.389354	0.232802
ENSG00000151067	YARS2	tyrosyl-tRN	ENSG00000111.67863	-0.37261	1.601262	-0.2327
ENSG000001100507459	NRSN2-AS	NRSN2 ant	ENSG00000111.67863	-0.37261	1.601262	-0.2327
ENSG0000016480	ST6GAL1	ST6 beta-g	ENSG000001118.1146	0.155163	0.669457	0.231775
ENSG00000123019	CNOT1	CCR4-NOT	ENSG000001197.5718	-0.13819	0.596993	-0.23147
ENSG00000181562	LMAN2L	lectin, man	ENSG00000115.92091	-0.32102	1.387734	-0.23133
ENSG00000123141	ANKLE2	ankyrin re	ENSG00000159.06287	0.189126	0.818156	0.231162
ENSG00000151057	WDPCP	WD repeat	ENSG00000126.01251	0.258424	1.118105	0.231127
ENSG0000012534	FYN	FYN proto-	ENSG00000147.25843	-0.20632	0.893172	-0.23099
ENSG0000015768	QSOX1	quiescin su	ENSG00000182.43346	-0.17146	0.742255	-0.23099
ENSG0000015463	POU6F1	POU class	ENSG00000115.90456	-0.32356	1.400916	-0.23096
ENSG0000011846	DUSP4	dual specif	ENSG0000016.248202	0.498271	2.159655	0.230718
ENSG0000016416	MAP2K4	mitogen-ac	ENSG00000142.52638	0.211535	0.91748	0.23056
ENSG00000155638	SYBU	syntabulin	ENSG0000017.296804	-0.46187	2.00338	-0.23055

ENSG0000010484	SEC23A	Sec23 hom	ENSG000001155458	-0.15807	0.686031	-0.23041
ENSG0000010420	TESK2	testis asso	ENSG0000016348772	0.471129	2.045526	0.230321
ENSG0000017970	TXNDC15	thioredoxin	ENSG0000016641983	0.183849	0.799125	0.230063
ENSG000001132660	LIN54	lin-54 DRE	ENSG000001224478	0.274256	1.192705	0.229945
ENSG000001128272	ARHGEF19	Rho guanir	ENSG0000012936168	0.666784	2.901664	0.229794
ENSG0000010250461			ENSG0000012936168	0.666784	2.901664	0.229794
ENSG000001346157	ZNF391	zinc finger	ENSG0000012936168	0.666784	2.901664	0.229794
ENSG00000109	NAT1	N-acetyltra	ENSG0000012936168	0.666784	2.901664	0.229794
ENSG0000017225	TRPC6	transient r	ENSG0000012936168	0.666784	2.901664	0.229794
ENSG0000014604	MYBPC1	myosin bin	ENSG0000012936168	0.666784	2.901664	0.229794
ENSG0000010261072			ENSG0000012936168	0.666784	2.901664	0.229794
ENSG00000184206	MEX3B	mex-3 RNA	ENSG0000012936168	0.666784	2.901664	0.229794
ENSG0000010231595			ENSG0000012936168	0.666784	2.901664	0.229794
ENSG000001116238	TLCD1	TLC domai	ENSG0000012936168	0.666784	2.901664	0.229794
ENSG00000110230	NBR2	neighbor o	ENSG0000012936168	0.666784	2.901664	0.229794
ENSG0000010265413			ENSG0000012936168	0.666784	2.901664	0.229794
ENSG0000010279203			ENSG0000012936168	0.666784	2.901664	0.229794
ENSG000001284408	ZNF790-AS	ZNF790 an	ENSG0000012936168	0.666784	2.901664	0.229794
ENSG000001770	CA11	carbonic ar	ENSG0000012936168	0.666784	2.901664	0.229794
ENSG000001434	ASIP	agouti sign	ENSG0000012936168	0.666784	2.901664	0.229794
ENSG0000014675	NAP1L3	nucleosom	ENSG0000012936168	0.666784	2.901664	0.229794
ENSG0000019194	SLC16A7	solute carr	ENSG0000013432544	-0.12582	0.547568	-0.22979
ENSG000001728558	ENTPD1-AS	ENTPD1 an	ENSG0000019476403	-0.40256	1.751888	-0.22979
ENSG0000012077	ERF	ETS2 repre	ENSG0000019476403	-0.40256	1.751888	-0.22979
ENSG0000017764	ZNF217	zinc finger	ENSG0000014067739	0.214814	0.934927	0.229766
ENSG000001729920	ISPD	isoprenoid	ENSG0000011523038	0.3211	1.39761	0.22975
ENSG000001157378	TMEM65	transmembr	ENSG0000011883671	0.141201	0.614806	0.229668
ENSG00000157462	MYORG	myogenesi	ENSG000001117176	-0.37598	1.637202	-0.22965
ENSG00000156893	UBQLN4	ubiquilin 4	ENSG0000013702847	0.225615	0.982532	0.229626
ENSG00000184365	NIFK	nucleolar p	ENSG0000019845599	0.387389	1.687225	0.229601
ENSG0000015985	RFC5	replication	ENSG0000019845599	0.387389	1.687225	0.229601
ENSG0000018906	AP1G2	adaptor rel	ENSG0000015071955	-0.5441	2.371251	-0.22946
ENSG0000010279652			ENSG0000015071955	-0.5441	2.371251	-0.22946
ENSG00000127236	ARFIP1	ADP ribosy	ENSG0000012242518	0.278179	1.212533	0.229419
ENSG0000019601	PDIA4	protein dis	ENSG0000013061993	-0.24165	1.053582	-0.22936
ENSG0000016541	SLC7A1	solute carr	ENSG0000013061993	-0.24165	1.053582	-0.22936
ENSG0000013157	HMGCS1	3-hydroxy-	ENSG0000012428044	0.262208	1.143287	0.229346
ENSG00000155506	H2AFY2	H2A histon	ENSG0000019861947	0.394156	1.719534	0.229223
ENSG0000016590	SLPI	secretory li	ENSG000001443819	0.632266	2.759003	0.229165
ENSG00000123632	CA14	carbonic ar	ENSG0000017313152	-0.45587	1.989354	-0.22915
ENSG0000015554	PRH1	proline ric	ENSG0000017313152	-0.45587	1.989354	-0.22915
ENSG00000151000	SLC35B3	solute carr	ENSG0000018097186	0.420231	1.835961	0.228889
ENSG00000184752	B3GNT9	UDP-GlcNA	ENSG0000018097186	0.420231	1.835961	0.228889
ENSG000001140576	S100A16	S100 calciu	ENSG0000011704039	0.304354	1.329995	0.228838
ENSG000001192286	HIGD2A	HIG1 hypo	ENSG0000013146517	0.239333	1.046672	0.228661
ENSG00000123082	PPRC1	peroxisom	ENSG0000013146517	0.239333	1.046672	0.228661
ENSG00000154517	PUS7	pseudouric	ENSG0000011376393	-0.34433	1.505932	-0.22865

ENSG0000I	ENSG0000I	3074	HEXB	hexosamin	ENSG0000I	56.89583	0.200161	0.875579	0.228604
ENSG0000I	ENSG0000I	8694	DGAT1	diacylglyce	ENSG0000I	22.20324	-0.2749	1.203907	-0.22834
ENSG0000I	ENSG0000I	57693	ZNF317	zinc finger	ENSG0000I	22.20324	-0.2749	1.203907	-0.22834
ENSG0000I	ENSG0000I	55328	RNLS	renalase, F	ENSG0000I	9.515376	-0.40636	1.779697	-0.22833
ENSG0000I	ENSG0000I	121227	LRIG3	leucine ricl	ENSG0000I	15.94981	-0.33261	1.457023	-0.22828
ENSG0000I	ENSG0000I	4798	NFRKB	nuclear fac	ENSG0000I	27.88412	0.247563	1.084499	0.228274
ENSG0000I	ENSG0000I	51569	UFM1	ubiquitin fr	ENSG0000I	49.27586	-0.20089	0.880165	-0.22824
ENSG0000I	ENSG0000I	84277	DNAJC30	DnaJ heat s	ENSG0000I	7.996615	0.441717	1.935414	0.228229
ENSG0000I	ENSG0000I	606495	CYB5RL	cytochrom	ENSG0000I	7.274179	-0.45131	1.978811	-0.22807
ENSG0000I	ENSG0000I	84279	PRADC1	protease a:	ENSG0000I	34.81695	-0.23013	1.00936	-0.22799
ENSG0000I	ENSG0000I	51322	WAC	WW doma	ENSG0000I	162.491	-0.14161	0.621314	-0.22792
ENSG0000I	ENSG0000I	23034	SAMD4A	sterile alph	ENSG0000I	304.3173	-0.128	0.56254	-0.22754
ENSG0000I	ENSG0000I	9169	SCAF11	SR-related	ENSG0000I	240.6125	0.130804	0.575529	0.227276
ENSG0000I	ENSG0000I	80018	NAA25	N(alpha)-a:	ENSG0000I	41.005	-0.2178	0.958352	-0.22726
ENSG0000I	ENSG0000I	23556	PIGN	phosphatic	ENSG0000I	35.2637	0.224029	0.98661	0.22707
ENSG0000I	ENSG0000I	22874	PLEKHA6	pleckstrin l	ENSG0000I	55.43657	0.192869	0.849876	0.226937
ENSG0000I	ENSG0000I	8310	ACOX3	acyl-CoA o:	ENSG0000I	15.21404	0.31714	1.397725	0.226897
ENSG0000I	ENSG00000280383				ENSG0000I	15.21404	0.31714	1.397725	0.226897
ENSG0000I	ENSG0000I	64764	CREB3L2	cAMP resp	ENSG0000I	86.60905	0.172999	0.762468	0.226894
ENSG0000I	ENSG0000I	492311	IGIP	IgA inducin	ENSG0000I	24.26409	0.26009	1.147469	0.226664
ENSG0000I	ENSG0000I	6810	STX4	syntaxin 4	ENSG0000I	24.26409	0.26009	1.147469	0.226664
ENSG0000I	ENSG0000I	91687	CENPL	centromer:	ENSG0000I	2.785508	-0.7279	3.213446	-0.22652
ENSG0000I	ENSG00000256981				ENSG0000I	2.785508	-0.7279	3.213446	-0.22652
ENSG0000I	ENSG0000I	91948	LINC00923	long interg	ENSG0000I	2.785508	-0.7279	3.213446	-0.22652
ENSG0000I	ENSG0000I	2246	FGF1	fibroblast g	ENSG0000I	66.32933	0.188344	0.831499	0.226511
ENSG0000I	ENSG0000I	8910	SGCE	sarcoglyca:	ENSG0000I	16.92348	0.311234	1.374226	0.226479
ENSG0000I	ENSG0000I	54545	MTMR12	myotubula	ENSG0000I	34.72266	-0.22855	1.0094	-0.22642
ENSG0000I	ENSG0000I	84680	ACCS	1-aminocy:	ENSG0000I	9.43743	-0.39895	1.761992	-0.22642
ENSG0000I	ENSG00000260604				ENSG0000I	18.30165	-0.32633	1.442119	-0.22629
ENSG0000I	ENSG0000I	969	CD69	CD69 mole	ENSG0000I	5.240401	-0.61134	2.702243	-0.22623
ENSG0000I	ENSG0000I	23	ABCF1	ATP bindin	ENSG0000I	57.50775	-0.18808	0.831842	-0.2261
ENSG0000I	ENSG0000I	10260	DENND4A	DENN dom	ENSG0000I	65.94326	-0.188	0.831725	-0.22604
ENSG0000I	ENSG0000I	402	ARL2	ADP ribosy	ENSG0000I	11.67196	0.358549	1.58662	0.225983
ENSG0000I	ENSG0000I	10056	FARSB	phenylalan	ENSG0000I	35.24736	0.222791	0.986533	0.225833
ENSG0000I	ENSG0000I	221079	ARL5B	ADP ribosy	ENSG0000I	35.24736	0.222791	0.986533	0.225833
ENSG0000I	ENSG0000I	55238	SLC38A7	solute carr	ENSG0000I	30.55833	-0.2378	1.053411	-0.22574
ENSG0000I	ENSG0000I	8029	CUBN	cubilin	ENSG0000I	6.309799	0.476157	2.109801	0.225688
ENSG0000I	ENSG0000I	7586	ZKSCAN1	zinc finger	ENSG0000I	121.358	-0.15046	0.666657	-0.22569
ENSG0000I	ENSG0000I	9735	KNTC1	kinetochor	ENSG0000I	18.87303	0.285824	1.266608	0.225661
ENSG0000I	ENSG0000I	79042	TSEN34	tRNA splici	ENSG0000I	11.55504	0.368005	1.631415	0.225574
ENSG0000I	ENSG0000I	140688	NOL4L	nucleolar p	ENSG0000I	11.65561	0.353055	1.565667	0.225498
ENSG0000I	ENSG0000I	79017	GGCT	gamma-glu	ENSG0000I	5.04933	-0.52888	2.345517	-0.22549
ENSG0000I	ENSG0000I	7589	ZSCAN21	zinc finger	ENSG0000I	5.04933	-0.52888	2.345517	-0.22549
ENSG0000I	ENSG0000I	2315	MLANA	melan-A	ENSG0000I	5.04933	-0.52888	2.345517	-0.22549
ENSG0000I	ENSG0000I	1408	CRY2	cryptochro	ENSG0000I	130.8583	-0.16653	0.738941	-0.22537
ENSG0000I	ENSG0000I	26277	TINF2	TERF1 inte:	ENSG0000I	38.92898	0.213873	0.949364	0.22528
ENSG0000I	ENSG0000I	23204	ARL6IP1	ADP ribosy	ENSG0000I	35.20838	0.224066	0.995338	0.225116

ENSG00000184287	ZDHHC16	zinc finger	ENSG00000120.06262	-0.28382	1.260794	-0.22511
ENSG00000163920	ZBED8	zinc finger	ENSG0000014.622984	0.536349	2.38543	0.224844
ENSG00000125786	DGCR11	DiGeorge s	ENSG0000014.622984	0.536349	2.38543	0.224844
ENSG0000016839	SUV39H1	suppressor	ENSG0000014.622984	0.536349	2.38543	0.224844
ENSG000001170506	DHX36	DEAH-box	ENSG00000165.81758	-0.18007	0.801109	-0.22477
ENSG00000151592	TRIM33	tripartite n	ENSG00000179.51103	0.167219	0.744314	0.224662
ENSG000001267	AMFR	autocrine r	ENSG000001103.5402	0.155101	0.690689	0.224559
ENSG0000015937	RBMS1	RNA bindir	ENSG000001143.9608	-0.14582	0.649666	-0.22446
ENSG0000013899	AFF3	AF4/FMR2	ENSG00000111.69458	0.350214	1.5609	0.224366
ENSG00000110244	RABEPK	Rab9 effec	ENSG00000111.69458	0.350214	1.5609	0.224366
ENSG000001253558	LCLAT1	lysocardiol	ENSG00000146.21427	0.202301	0.901877	0.224311
ENSG00000184958	SYTL1	synaptotag	ENSG0000012.762883	-0.7012	3.127635	-0.2242
ENSG00000129089	UBE2T	ubiquitin c	ENSG0000012.762883	-0.7012	3.127635	-0.2242
ENSG00000155888	ZKSCAN7	zinc finger	ENSG0000012.762883	-0.7012	3.127635	-0.2242
ENSG0000010240695			ENSG0000012.762883	-0.7012	3.127635	-0.2242
ENSG0000017993	UBXN8	UBX domai	ENSG0000012.762883	-0.7012	3.127635	-0.2242
ENSG00000180036	TRPM3	transient r	ENSG0000012.762883	-0.7012	3.127635	-0.2242
ENSG0000010261534			ENSG0000012.762883	-0.7012	3.127635	-0.2242
ENSG00000110534	SSSCA1	Sjogren syr	ENSG0000012.762883	-0.7012	3.127635	-0.2242
ENSG000001649946	RPL23AP6	ribosomal	ENSG0000012.762883	-0.7012	3.127635	-0.2242
ENSG00000123329	TBC1D30	TBC1 doma	ENSG0000012.762883	-0.7012	3.127635	-0.2242
ENSG0000010261997			ENSG0000012.762883	-0.7012	3.127635	-0.2242
ENSG0000010279668			ENSG0000012.762883	-0.7012	3.127635	-0.2242
ENSG00000129893	PSMC3IP	PSMC3 inte	ENSG0000012.762883	-0.7012	3.127635	-0.2242
ENSG0000010267682			ENSG0000012.762883	-0.7012	3.127635	-0.2242
ENSG00000110192772C	ZNF793-AS	ZNF793 an	ENSG0000012.762883	-0.7012	3.127635	-0.2242
ENSG0000019472	AKAP6	A-kinase ar	ENSG000001518.4146	-0.13125	0.585775	-0.22407
ENSG0000015634	PRPS2	phosphorit	ENSG0000019.806627	0.391287	1.746749	0.224009
ENSG00000191977	MYOZ3	myozenin	ENSG0000015.088303	-0.53547	2.391729	-0.22388
ENSG00000180313	LRRC27	leucine ric	ENSG0000015.088303	-0.53547	2.391729	-0.22388
ENSG000001283219	KCTD21	potassium	ENSG0000015.088303	-0.53547	2.391729	-0.22388
ENSG0000010280069			ENSG0000015.088303	-0.53547	2.391729	-0.22388
ENSG000001221092	HNRNPUL2	heterogen	ENSG00000133.47632	0.224746	1.004101	0.223828
ENSG000001375035	SFT2D2	SFT2 doma	ENSG00000178.23264	-0.17496	0.782189	-0.22368
ENSG0000011953	MEGF6	multiple E	ENSG0000018.058213	0.4246	1.898421	0.223659
ENSG00000110125	RASGRP1	RAS guanyl	ENSG0000018.058213	0.4246	1.898421	0.223659
ENSG00000123476	BRD4	bromodom	ENSG00000196.65225	-0.16094	0.720125	-0.22349
ENSG00000154853	WDR55	WD repeat	ENSG00000115.82034	-0.31145	1.394045	-0.22342
ENSG000001101929243	LOC101925	uncharacte	ENSG0000014.661957	0.530608	2.375034	0.223411
ENSG00000163892	THADA	THADA, arr	ENSG00000151.27694	-0.19635	0.879179	-0.22334
ENSG0000019538	EI24	EI24, auto	ENSG00000140.89815	-0.21135	0.94635	-0.22333
ENSG000001595	CCND1	cyclin D1	ENSG000001156.6339	-0.17253	0.773029	-0.22319
ENSG0000010281195			ENSG00000113.46562	0.327829	1.469612	0.223072
ENSG00000150618	ITSN2	intersectin	ENSG000001110.9465	-0.15186	0.681089	-0.22296
ENSG00000151148	CERCAM	cerebral er	ENSG0000019.907197	0.373933	1.678308	0.222804
ENSG00000155905	RNF114	ring finger	ENSG00000147.12896	-0.19909	0.893612	-0.22279
ENSG0000017267	TTC3	tetratricop	ENSG000001168.3975	-0.13735	0.616525	-0.22278

ENSG00000154665	RSBN1	round sper	ENSG00000154665	36.74009	-0.22001	0.988155	-0.22265
ENSG0000019488	PIGB	phosphatic	ENSG0000019488	9.414805	-0.39062	1.754608	-0.22262
ENSG00000126472	PPP1R14B	protein ph	ENSG00000126472	28.00103	0.243082	1.09219	0.222564
ENSG00000110241	CALCOCO2	calcium bir	ENSG00000110241	313.061	0.125327	0.56313	0.222554
ENSG00000185407	NKD1	naked cutic	ENSG00000185407	5.09458	-0.55751	2.507623	-0.22233
ENSG0000010421	ARVCF	ARVCF, del	ENSG0000010421	9.453778	-0.39433	1.773693	-0.22232
ENSG0000015654	HTRA1	HtrA serine	ENSG0000015654	49.22054	-0.20036	0.901756	-0.22219
ENSG0000019877	ZC3H11A	zinc finger	ENSG0000019877	32.60466	-0.23314	1.049905	-0.22206
ENSG00000125793	FBXO7	F-box prot	ENSG00000125793	66.61718	0.174748	0.78752	0.221897
ENSG000001135112	NCOA7	nuclear rec	ENSG000001135112	42.49368	0.2099	0.94633	0.221804
ENSG0000019899	SV2B	synaptic ve	ENSG0000019899	15.27563	0.30851	1.391332	0.221737
ENSG0000013035	HARS	histidyl-tr	ENSG0000013035	32.55941	-0.22863	1.031568	-0.22164
ENSG00000164753	CCDC136	coiled-coil	ENSG00000164753	7.251554	-0.44046	1.987526	-0.22161
ENSG0000011871	E2F3	E2F transcr	ENSG0000011871	22.55465	0.260315	1.176041	0.221349
ENSG0000010639	PRDM1	PR/SET dor	ENSG0000010639	11.61664	0.356357	1.610471	0.221275
ENSG00000154497	HEATR5B	HEAT repe	ENSG00000154497	62.93556	0.177508	0.802642	0.221154
ENSG00000183786	FRMD8	FERM dom	ENSG00000183786	18.89566	0.280866	1.270525	0.221063
ENSG0000019701	PPP6R2	protein ph	ENSG0000019701	62.89659	0.178325	0.806786	0.221031
ENSG00000184818	IL17RC	interleukin	ENSG00000184818	15.31461	0.306199	1.386343	0.220868
ENSG0000015889	RAD51C	RAD51 par	ENSG0000015889	15.31461	0.306199	1.386343	0.220868
ENSG00000155236	UBA6	ubiquitin li	ENSG00000155236	44.99461	-0.20164	0.913016	-0.22085
ENSG0000019686	VGLL4	vestigial lik	ENSG0000019686	20.74464	0.268802	1.217735	0.220739
ENSG00000104173	MCM4	minichrom	ENSG00000104173	20.74464	0.268802	1.217735	0.220739
ENSG0000013189	HNRNPH3	heterogen	ENSG0000013189	55.60096	-0.19328	0.875934	-0.22066
ENSG000001140465	MYL6B	myosin lig	ENSG000001140465	11.55543	-0.35298	1.600134	-0.22059
ENSG00000156606	SLC2A9	solute carr	ENSG00000156606	6.41037	0.449958	2.040058	0.220562
ENSG00000160370	AVPI1	arginine va	ENSG00000160370	6.41037	0.449958	2.040058	0.220562
ENSG0000012946	GSTM2	glutathion	ENSG0000012946	15.79771	-0.3065	1.389859	-0.22052
ENSG00000110257	ABCC4	ATP bindin	ENSG00000110257	31.66003	0.232334	1.053971	0.220437
ENSG00000127000	DNAJC2	DnaJ heat	ENSG00000127000	17.12462	0.291117	1.32107	0.220365
ENSG000001375567	VWC2	von Willeb	ENSG000001375567	18.93463	0.2789	1.265642	0.220362
ENSG00000165993	MRPS34	mitochond	ENSG00000165993	13.69606	-0.32737	1.485905	-0.22032
ENSG000001163223	ZNF676	zinc finger	ENSG000001163223	9.94617	0.370692	1.685176	0.219972
ENSG00000109175	MAP3K13	mitogen-act	ENSG00000109175	20.01737	-0.27606	1.255059	-0.21996
ENSG00000192714	ARRDC1	arrestin do	ENSG00000192714	11.53908	-0.35661	1.625872	-0.21934
ENSG00000185359	DGCR6L	DiGeorge s	ENSG00000185359	11.71721	0.341753	1.558531	0.219279
ENSG00000156937	PMEPA1	prostate tr	ENSG00000156937	29.87264	0.233766	1.066255	0.21924
ENSG00000128990	ASTE1	asteroid hc	ENSG00000128990	6.371397	0.454623	2.074754	0.219122
ENSG00000179807	GSTCD	glutathion	ENSG00000179807	6.371397	0.454623	2.074754	0.219122
ENSG00000126747	NUFIP1	nuclear FM	ENSG00000126747	6.371397	0.454623	2.074754	0.219122
ENSG00000165109	UPF3B	UPF3B, reg	ENSG00000165109	6.371397	0.454623	2.074754	0.219122
ENSG0000010270704			ENSG0000010270704	7.212581	-0.43591	1.989522	-0.2191
ENSG00000155702	YJU2	YJU2 splici	ENSG00000155702	7.212581	-0.43591	1.989522	-0.2191
ENSG0000017771	ZNF112	zinc finger	ENSG0000017771	7.212581	-0.43591	1.989522	-0.2191
ENSG0000012288	FKBP4	FK506 bind	ENSG0000012288	40.86925	-0.20697	0.944636	-0.2191
ENSG00000158190	CTDSP1	CTD small j	ENSG00000158190	80.03637	-0.16605	0.758395	-0.21894
ENSG00000165072	CFLAR-AS1	CFLAR anti	ENSG00000165072	33.421	0.224839	1.02708	0.218911

ENSG000001987	LRBA	LPS respon	ENSG000001987	148.2514	0.139043	0.63522	0.218889
ENSG0000023059	CLUAP1	clusterin a	ENSG0000023059	22.571	0.262504	1.200146	0.218727
ENSG0000010059	DNM1L	dynamamin 1	ENSG0000010059	84.2372	-0.16299	0.745863	-0.21853
ENSG00000093	ACVR2B	activin A r	ENSG00000093	36.67222	-0.21388	0.97986	-0.21827
ENSG000002030	SLC29A1	solute carr	ENSG000002030	103.5604	0.156997	0.719883	0.218087
ENSG0000093622	LOC93622	Morf4 fam	ENSG0000093622	8.119811	0.407841	1.870279	0.218064
ENSG0000080267	EDEM3	ER degrad	ENSG0000080267	67.61753	-0.17218	0.79083	-0.21772
ENSG0000084940	CORO6	coronin 6	ENSG0000084940	44.95563	-0.20059	0.92133	-0.21771
ENSG0000055793	MINDY1	MINDY lysi	ENSG0000055793	86.25463	-0.16094	0.739684	-0.21758
ENSG00000145270	PRIMA1	proline ric	ENSG00000145270	7.290527	-0.44567	2.049578	-0.21744
ENSG00000148189	LINC00662	long interg	ENSG00000148189	13.52722	0.318083	1.463681	0.217317
ENSG0000022887	FOXJ3	forkhead b	ENSG0000022887	77.88947	-0.1642	0.755872	-0.21724
ENSG000001487	CTBP1	C-terminal	ENSG000001487	47.00576	-0.194	0.893228	-0.21719
ENSG000001453	CSNK1D	casein kina	ENSG000001453	37.24216	0.209354	0.96423	0.21712
ENSG0000079174	CRELD2	cysteine ric	ENSG0000079174	11.75618	0.338913	1.562134	0.216955
ENSG0000051097	SCCPDH	saccharopi	ENSG0000051097	28.04001	0.241387	1.112678	0.216942
ENSG00000125144	LRRC75A-A	LRRC75A a	ENSG00000125144	44.91038	-0.19735	0.910611	-0.21672
ENSG00000130916	MTERF4	mitochond	ENSG00000130916	22.05742	-0.26087	1.204438	-0.21659
ENSG0000026115	TANC2	tetratricop	ENSG0000026115	22.5383	0.258054	1.192163	0.216458
ENSG00000137682	NDUFAF6	NADH:ubic	ENSG00000137682	18.95725	0.273959	1.266612	0.216293
ENSG00000100506033	PTOV1-AS1	PTOV1 anti	ENSG00000100506033	15.35358	0.303756	1.4054	0.216135
ENSG0000091664	ZNF845	zinc finger	ENSG0000091664	15.35358	0.303756	1.4054	0.216135
ENSG0000025904	CNOT10	CCR4-NOT	ENSG0000025904	17.14724	0.285591	1.321609	0.216094
ENSG000002002	ELK1	ELK1, ETS t	ENSG000002002	17.14724	0.285591	1.321609	0.216094
ENSG0000023210	JMJD6	jumonji do	ENSG0000023210	55.2213	-0.18221	0.843349	-0.21605
ENSG0000010524	KAT5	lysine acet	ENSG0000010524	15.77509	-0.30152	1.395893	-0.216
ENSG0000010542	LAMTOR5	late endos	ENSG0000010542	22.17434	-0.26639	1.233339	-0.21599
ENSG000008837	CFLAR	CASP8 and	ENSG000008837	505.4559	-0.11274	0.522323	-0.21584
ENSG0000026958	COPG2	coatomer	ENSG0000026958	26.27525	0.240308	1.1138	0.215755
ENSG000001020	CDK5	cyclin depe	ENSG000001020	5.026705	-0.51342	2.379885	-0.21573
ENSG00000100506211	MIR210HG	MIR210 ho	ENSG00000100506211	5.026705	-0.51342	2.379885	-0.21573
ENSG000000260837			ENSG000000260837	9.968795	0.360611	1.672057	0.215669
ENSG00000158358	KIAA2026	KIAA2026	ENSG00000158358	102.4908	-0.15084	0.699449	-0.21566
ENSG0000064924	SLC30A5	solute carr	ENSG0000064924	28.10788	0.232123	1.076663	0.215595
ENSG0000029068	ZBTB44	zinc finger	ENSG0000029068	135.3078	-0.14088	0.654411	-0.21527
ENSG00000197407	ZNF48	zinc finger	ENSG00000197407	4.684582	0.506964	2.355023	0.215269
ENSG0000029100	TMEM208	transmeml	ENSG0000029100	4.684582	0.506964	2.355023	0.215269
ENSG0000084733	CBX2	chromobo	ENSG0000084733	4.684582	0.506964	2.355023	0.215269
ENSG00000105372481	ERVK3-1	endogeno	ENSG00000105372481	4.684582	0.506964	2.355023	0.215269
ENSG0000085865	GTPBP10	GTP bindin	ENSG0000085865	19.95577	-0.27024	1.255639	-0.21522
ENSG000007014	TERF2	telomeric r	ENSG000007014	19.95577	-0.27024	1.255639	-0.21522
ENSG000007705	ZNF146	zinc finger	ENSG000007705	79.88428	-0.16107	0.748654	-0.21515
ENSG0000055170	PRMT6	protein arg	ENSG0000055170	4.987732	-0.50701	2.358692	-0.21495
ENSG000000279544			ENSG000000279544	4.987732	-0.50701	2.358692	-0.21495
ENSG00000101929754	ZBTB20-AS	ZBTB20 an	ENSG00000101929754	4.987732	-0.50701	2.358692	-0.21495
ENSG0000051259	TMEM216	transmeml	ENSG0000051259	4.987732	-0.50701	2.358692	-0.21495
ENSG00000124401	ANKS3	ankyrin re	ENSG00000124401	4.987732	-0.50701	2.358692	-0.21495

ENSG0000I	ENSG0000I	54920	DUS2	dihydrouri	ENSG0000I	4.987732	-0.50701	2.358692	-0.21495
ENSG0000I	ENSG0000I	7638	ZNF221	zinc finger	ENSG0000I	4.987732	-0.50701	2.358692	-0.21495
ENSG0000I	ENSG0000I	10772	SRSF10	serine and	ENSG0000I	64.96934	0.170272	0.792974	0.214726
ENSG0000I	ENSG0000I	55633	TBC1D22B	TBC1 domæ	ENSG0000I	13.63446	-0.31896	1.485575	-0.2147
ENSG0000I	ENSG0000I	84976	DISP1	dispatched	ENSG0000I	2.997766	0.619358	2.885239	0.214664
ENSG0000I	ENSG0000I	150726	FBXO41	F-box protæ	ENSG0000I	2.997766	0.619358	2.885239	0.214664
ENSG0000I	ENSG00000226318				ENSG0000I	2.997766	0.619358	2.885239	0.214664
ENSG0000I	ENSG0000I	253935	ANGPTL5	angiopoiet	ENSG0000I	2.997766	0.619358	2.885239	0.214664
ENSG0000I	ENSG0000I	283807	FBXL22	F-box and l	ENSG0000I	2.997766	0.619358	2.885239	0.214664
ENSG0000I	ENSG00000277938				ENSG0000I	2.997766	0.619358	2.885239	0.214664
ENSG0000I	ENSG0000I	158326	FREM1	FRAS1 rela	ENSG0000I	15.3762	0.297639	1.386632	0.214649
ENSG0000I	ENSG0000I	51455	REV1	REV1, DNA	ENSG0000I	66.68506	0.171232	0.798268	0.214504
ENSG0000I	ENSG0000I	10758	TRAF3IP2	TRAF3 inte	ENSG0000I	17.10827	0.287848	1.342076	0.21448
ENSG0000I	ENSG0000I	220906	WAC-AS1	WAC antisæ	ENSG0000I	17.10827	0.287848	1.342076	0.21448
ENSG0000I	ENSG0000I	1153	CIRBP	cold induci	ENSG0000I	142.8729	0.136623	0.637029	0.214469
ENSG0000I	ENSG0000I	8934	RAB29	RAB29, me	ENSG0000I	24.46523	0.246076	1.147976	0.214357
ENSG0000I	ENSG0000I	55216	NKAPD1	NKAP dom	ENSG0000I	29.95687	0.226492	1.057449	0.214187
ENSG0000I	ENSG0000I	101928601	MEI4	meiotic do	ENSG0000I	2.913543	0.703997	3.28727	0.214159
ENSG0000I	ENSG0000I	2901	GRIK5	glutamate	ENSG0000I	2.913543	0.703997	3.28727	0.214159
ENSG0000I	ENSG0000I	93953	GCNA	germ cell n	ENSG0000I	2.913543	0.703997	3.28727	0.214159
ENSG0000I	ENSG0000I	8076	MFAP5	microfibril	ENSG0000I	72.8081	0.425748	1.989771	0.213968
ENSG0000I	ENSG0000I	5583	PRKCH	protein kin	ENSG0000I	42.83437	0.196256	0.918012	0.213784
ENSG0000I	ENSG0000I	51134	CEP83	centrosom	ENSG0000I	22.0348	-0.25734	1.203988	-0.21374
ENSG0000I	ENSG0000I	11020	IFT27	intraflagell	ENSG0000I	13.67343	-0.32172	1.505253	-0.21373
ENSG0000I	ENSG0000I	55796	MBNL3	muscleblin	ENSG0000I	39.15274	0.202723	0.948558	0.213717
ENSG0000I	ENSG0000I	115817	DHRS1	dehydroge	ENSG0000I	7.189956	-0.42494	1.988579	-0.21369
ENSG0000I	ENSG0000I	133686	NADK2	NAD kinasæ	ENSG0000I	44.86513	-0.19404	0.908056	-0.21368
ENSG0000I	ENSG0000I	1823	DSC1	desmocolli	ENSG0000I	13.62857	-1.08437	5.079156	-0.21349
ENSG0000I	ENSG0000I	219	ALDH1B1	aldehyde d	ENSG0000I	20.13428	-0.28257	1.323872	-0.21344
ENSG0000I	ENSG0000I	7089	TLE2	transducin	ENSG0000I	30.35719	-0.22728	1.066635	-0.21309
ENSG0000I	ENSG0000I	340481	ZDHHC21	zinc finger	ENSG0000I	37.32011	0.206963	0.972054	0.212913
ENSG0000I	ENSG0000I	4775	NFATC3	nuclear fac	ENSG0000I	47.04094	-0.19952	0.937153	-0.2129
ENSG0000I	ENSG0000I	9874	TLK1	tousled likæ	ENSG0000I	66.8573	0.168508	0.791526	0.212891
ENSG0000I	ENSG0000I	57592	ZNF687	zinc finger	ENSG0000I	19.91679	-0.26832	1.260392	-0.21289
ENSG0000I	ENSG0000I	57186	RALGAPA2	Ral GTPase	ENSG0000I	92.64747	0.153815	0.722782	0.212809
ENSG0000I	ENSG0000I	6154	RPL26	ribosomal	ENSG0000I	39.1364	0.201677	0.948065	0.212725
ENSG0000I	ENSG0000I	5955	RCN2	reticulocall	ENSG0000I	28.12423	0.233689	1.098582	0.212718
ENSG0000I	ENSG0000I	84695	LOXL3	lysyl oxidaæ	ENSG0000I	8.220382	0.387538	1.823539	0.21252
ENSG0000I	ENSG0000I	116092	DNTTIP1	deoxynucle	ENSG0000I	8.220382	0.387538	1.823539	0.21252
ENSG0000I	ENSG0000I	56965	PARP6	poly(ADP-r	ENSG0000I	40.71335	-0.20256	0.953644	-0.21241
ENSG0000I	ENSG0000I	9855	FARP2	FERM, ARH	ENSG0000I	39.09742	0.202846	0.955096	0.212383
ENSG0000I	ENSG0000I	6894	TARBP1	TAR (HIV-1	ENSG0000I	26.19285	-0.23778	1.120733	-0.21216
ENSG0000I	ENSG0000I	286451	YIPF6	Yip1 domai	ENSG0000I	59.47771	0.173174	0.816255	0.212156
ENSG0000I	ENSG0000I	55572	FOXRED1	FAD depen	ENSG0000I	31.81213	0.217319	1.024336	0.212156
ENSG0000I	ENSG0000I	10818	FRS2	fibroblast æ	ENSG0000I	44.68963	0.191115	0.901844	0.211916
ENSG0000I	ENSG0000I	55133	SRBD1	S1 RNA bin	ENSG0000I	22.67785	0.248776	1.175995	0.211545
ENSG0000I	ENSG0000I	127396	ZNF684	zinc finger	ENSG0000I	6.432995	0.433551	2.049609	0.211529

ENSG00001152048	LOC152048	uncharacte	ENSG000016432995	0.433551	2.049609	0.211529
ENSG0000112487	DTD2	D-tyrosyl-t	ENSG000016432995	0.433551	2.049609	0.211529
ENSG000018493	PPM1D	protein ph	ENSG0000126.3205	0.233492	1.104502	0.2114
ENSG0000183549	UCK1	uridine-cyt	ENSG0000119.01885	0.267088	1.26359	0.211373
ENSG0000155536	CDCA7L	cell divisio	ENSG0000122.60997	0.260343	1.23179	0.211353
ENSG00001819	CAMLG	calcium mc	ENSG0000115.69714	-0.2968	1.405847	-0.21112
ENSG000016141	RPL18	ribosomal	ENSG0000197.98322	0.155523	0.73674	0.211096
ENSG00001115825	WDFY2	WD repeat	ENSG0000137.32639	0.20356	0.965024	0.210938
ENSG000018996	NOL3	nucleolar p	ENSG0000131.78323	0.223971	1.062152	0.210865
ENSG000011849	DUSP7	dual specif	ENSG0000115.71349	-0.29417	1.395286	-0.21083
ENSG00001241	ALOX5AP	arachidona	ENSG0000111.51607	0.373337	1.771057	0.210799
ENSG0000157325	KAT14	lysine acet	ENSG0000119.0352	0.269937	1.281206	0.210689
ENSG000014012	LNPEP	leucyl and	ENSG00001304.7558	-0.11705	0.555712	-0.21064
ENSG000015422	POLA1	DNA polynr	ENSG0000130.00212	0.220615	1.048149	0.21048
ENSG00001641371	ACOT1	acyl-CoA t	ENSG000018.175131	0.411054	1.95541	0.210214
ENSG0000100246451			ENSG0000117.16987	0.280181	1.333963	0.210037
ENSG0000157655	GRAMD1A	GRAM don	ENSG0000124.51048	0.238706	1.136851	0.209971
ENSG0000126259	FBXW8	F-box and	ENSG0000115.35986	0.293824	1.400411	0.209812
ENSG0000179817	MOB3B	MOB kinas	ENSG000017.150983	-0.42033	2.003554	-0.20979
ENSG00001115509	ZNF689	zinc finger	ENSG000017.150983	-0.42033	2.003554	-0.20979
ENSG0000100260267			ENSG000017.150983	-0.42033	2.003554	-0.20979
ENSG000014052	LTBP1	latent tran	ENSG00001234.27	0.121033	0.576998	0.209763
ENSG00001440689	HIST2H2BF	histone clu	ENSG000014.723555	0.501051	2.389552	0.209684
ENSG00001912	CD1D	CD1d mole	ENSG000014.723555	0.501051	2.389552	0.209684
ENSG000019015	TAF1A	TATA-box t	ENSG000012.701285	-0.66225	3.159139	-0.20963
ENSG0000100272529			ENSG000012.701285	-0.66225	3.159139	-0.20963
ENSG0000100242829			ENSG000012.701285	-0.66225	3.159139	-0.20963
ENSG0000180108	ZFP2	ZFP2 zinc fi	ENSG000012.701285	-0.66225	3.159139	-0.20963
ENSG0000100272219			ENSG000012.701285	-0.66225	3.159139	-0.20963
ENSG0000157171	DOLPP1	dolichyldip	ENSG000012.701285	-0.66225	3.159139	-0.20963
ENSG00001728130	NUTM2D	NUT family	ENSG000012.701285	-0.66225	3.159139	-0.20963
ENSG0000184650	EBPL	EBP like	ENSG000012.701285	-0.66225	3.159139	-0.20963
ENSG000017253	TSHR	thyroid stir	ENSG000012.701285	-0.66225	3.159139	-0.20963
ENSG0000100276182			ENSG000012.701285	-0.66225	3.159139	-0.20963
ENSG0000154913	RPP25	ribonuclea	ENSG000012.701285	-0.66225	3.159139	-0.20963
ENSG00001146433	IL34	interleukin	ENSG000012.701285	-0.66225	3.159139	-0.20963
ENSG0000100235609			ENSG000012.701285	-0.66225	3.159139	-0.20963
ENSG0000100279278			ENSG000012.701285	-0.66225	3.159139	-0.20963
ENSG00001114134	SLC2A13	solute carr	ENSG0000136.51005	-0.2062	0.983929	-0.20957
ENSG0000155218	EXD2	exonucleas	ENSG0000126.24255	0.236725	1.129663	0.209553
ENSG0000164689	GORASP1	golgi reass	ENSG0000148.44919	0.184337	0.880683	0.209311
ENSG0000151567	TDP2	tyrosyl-DN	ENSG0000128.15313	0.225795	1.079478	0.209171
ENSG0000158491	ZNF71	zinc finger	ENSG0000115.67452	-0.29184	1.395483	-0.20913
ENSG0000123275	POFUT2	protein O-f	ENSG0000115.67452	-0.29184	1.395483	-0.20913
ENSG0000123241	PACS2	phosphofu	ENSG0000153.03543	-0.179	0.856133	-0.20907
ENSG0000151573	GDE1	glycerophc	ENSG0000198.46344	0.146479	0.700713	0.209042
ENSG0000151380	CSAD	cysteine su	ENSG0000113.57286	-0.31051	1.486316	-0.20891

ENSG0000014191	MDH2	malate de	ENSG000001305.0613	-0.11872	0.568473	-0.20884
ENSG00000124961	ZFP3	ZFP3 zinc fi	ENSG00000126.17023	-0.23483	1.126321	-0.2085
ENSG00000155643	BTBD2	BTB domai	ENSG00000124.05223	-0.24183	1.160044	-0.20846
ENSG0000011000	CDH2	cadherin 2	ENSG000001524.6295	0.110304	0.529532	0.208304
ENSG00000184749	USP30	ubiquitin s	ENSG00000117.79252	-0.2753	1.321869	-0.20826
ENSG00000184661	DPY30	dpy-30, his	ENSG00000111.47121	-0.33621	1.614756	-0.20821
ENSG00000184305	PYM1	PYM homo	ENSG00000111.47121	-0.33621	1.614756	-0.20821
ENSG0000014507	MTAP	methylthio	ENSG00000121.95685	-0.25373	1.220719	-0.20785
ENSG00000184449	ZNF333	zinc finger	ENSG00000121.95685	-0.25373	1.220719	-0.20785
ENSG0000015885	RAD21	RAD21 coh	ENSG000001183.9666	0.126404	0.608301	0.207799
ENSG0000012260	FGFR1	fibroblast ξ	ENSG000001132.9245	-0.13518	0.650666	-0.20775
ENSG00000154930	HAUS4	HAUS augr	ENSG0000019.99142	0.350692	1.688075	0.207747
ENSG00000127109	DMAC2L	distal mem	ENSG00000119.8552	-0.26246	1.264342	-0.20759
ENSG0000015595	MAPK3	mitogen-a	ENSG00000124.03588	-0.24336	1.172479	-0.20756
ENSG00000156944	OLFML3	olfactomec	ENSG00000126.11491	-0.23467	1.130751	-0.20753
ENSG0000019742	IFT140	intraflagell	ENSG0000019.291609	-0.36644	1.765837	-0.20752
ENSG00000153335	BCL11A	B cell CLL/I	ENSG00000117.83149	-0.2775	1.337482	-0.20748
ENSG00000184085	FBXO30	F-box prote	ENSG00000150.91742	-0.17984	0.86739	-0.20733
ENSG00000128956	LAMTOR2	late endos	ENSG00000115.39255	0.300788	1.451505	0.207225
ENSG00000157476	GRAMD1B	GRAM don	ENSG00000157.40404	-0.42163	2.036402	-0.20705
ENSG000001127281	PRXL2B	peroxiredo	ENSG0000014.965107	-0.49116	2.375272	-0.20678
ENSG000001151473	SLC16A14	solute carr	ENSG0000014.965107	-0.49116	2.375272	-0.20678
ENSG0000011841	DTYMK	deoxythym	ENSG0000014.965107	-0.49116	2.375272	-0.20678
ENSG00000129903	CCDC106	coiled-coil	ENSG0000014.965107	-0.49116	2.375272	-0.20678
ENSG00000123281	MTUS2	microtubul	ENSG000001174.7871	0.126398	0.611328	0.20676
ENSG0000019731	CEP104	centrosom	ENSG00000138.5828	-0.1996	0.965529	-0.20673
ENSG00000118	ABAT	4-aminobu	ENSG00000138.52748	-0.19928	0.964338	-0.20664
ENSG0000011982	EIF4G2	eukaryotic	ENSG000001876.5798	0.106209	0.514094	0.206595
ENSG000001143879	KBTBD3	kelch repe	ENSG0000019.369555	-0.37416	1.811411	-0.20656
ENSG000001124997	WDR81	WD repeat	ENSG00000122.0021	-0.2603	1.261032	-0.20642
ENSG00000185365	ALG2	ALG2, alph	ENSG00000113.57914	-0.31891	1.545476	-0.20635
ENSG00000155759	WDR12	WD repeat	ENSG00000133.74534	0.206665	1.001553	0.206344
ENSG00000157600	FNIP2	folliculin in	ENSG000001158.0985	0.128514	0.622823	0.206341
ENSG0000019946	CRYZL1	crystallin z	ENSG00000119.08045	0.260251	1.261434	0.206314
ENSG0000015194	PEX13	peroxisom	ENSG00000139.25959	0.195049	0.945719	0.206244
ENSG00000123595	ORC3	origin reco	ENSG00000131.9127	0.211906	1.027587	0.206217
ENSG000001119710	C11orf74	chromosor	ENSG00000111.8404	0.319423	1.550139	0.206061
ENSG0000011819	DRG2	developme	ENSG00000111.8404	0.319423	1.550139	0.206061
ENSG00000155504	TNFRSF19	TNF recept	ENSG00000152.21504	0.176227	0.855634	0.20596
ENSG0000014291	MLF1	myeloid le	ENSG00000179.57014	0.168906	0.820098	0.205958
ENSG0000014296	MAP3K11	mitogen-a	ENSG00000124.53311	0.235033	1.141319	0.205931
ENSG0000019275	BCL7B	BCL tumor	ENSG00000152.19869	0.175577	0.853646	0.205679
ENSG00000125873	RPL36	ribosomal	ENSG00000159.11662	-0.17117	0.832424	-0.20563
ENSG00000123169	SLC35D1	solute carr	ENSG00000121.95057	-0.24847	1.208874	-0.20554
ENSG00000125939	SAMHD1	SAM and H	ENSG000001170.4077	0.134256	0.653428	0.205464
ENSG00000151163	DBR1	debranchir	ENSG0000017.128358	-0.40927	1.992493	-0.2054
ENSG00000122929	SEPHS1	selenopho	ENSG00000128.21473	0.221185	1.076837	0.205402

ENSG000001573	CYP2J2	cytochrom	ENSG000001412492	0.193428	0.942485	0.205232
ENSG0000056165	TDRD1	tudor dom	ENSG0000018259354	0.383381	1.868666	0.205163
ENSG0000054741	LEPROT	leptin rece	ENSG000001102.174	0.1442	0.70287	0.205159
ENSG000009896	FIG4	FIG4 phosp	ENSG00000113.65042	0.298797	1.456443	0.205156
ENSG0000051307	FAM53C	family with	ENSG00000148.53342	0.179951	0.877469	0.205079
ENSG0000056242	ZNF253	zinc finger	ENSG00000115.46043	0.282963	1.37989	0.205062
ENSG000009604	RNF14	ring finger	ENSG00000178.12593	0.156782	0.764754	0.20501
ENSG000009662	CEP135	centrosom	ENSG00000113.61144	0.301376	1.470535	0.204943
ENSG0000064641	EBF2	EBF transcr	ENSG00000142.64028	-0.18953	0.925382	-0.20481
ENSG00000441307	HRAT92	heart tissu	ENSG0000018.243007	0.375178	1.831898	0.204803
ENSG0000079803	HPS6	HPS6, biog	ENSG0000018.243007	0.375178	1.831898	0.204803
ENSG00000339874	LOC339874	uncharacte	ENSG0000014.74618	0.478228	2.335742	0.204743
ENSG0000011270	NRM	nurim	ENSG0000014.74618	0.478228	2.335742	0.204743
ENSG00000374403	TBC1D10C	TBC1 doma	ENSG0000014.74618	0.478228	2.335742	0.204743
ENSG00000100037417	DDTL	D-dopachro	ENSG0000014.74618	0.478228	2.335742	0.204743
ENSG0000055954	ZMAT5	zinc finger	ENSG0000014.74618	0.478228	2.335742	0.204743
ENSG0000056969	RPL23AP32	ribosomal	ENSG0000017.167331	-0.41407	2.023272	-0.20465
ENSG000009374	PPT2	palmitoyl-p	ENSG0000017.167331	-0.41407	2.023272	-0.20465
ENSG0000010529	NEBL	nebullette	ENSG0000012821.646	-0.10374	0.507086	-0.20458
ENSG0000057326	PBXIP1	PBX homeo	ENSG00000192.01528	-0.1485	0.726037	-0.20454
ENSG0000065117	RSRC2	arginine ar	ENSG00000189.32916	0.147123	0.719501	0.204479
ENSG000007342	UBP1	upstream k	ENSG00000163.22315	-0.16508	0.807382	-0.20446
ENSG0000054751	FBLIM1	filamin bin	ENSG00000175.50245	-0.15692	0.7675	-0.20446
ENSG000005510	PPP1R7	protein ph	ENSG00000130.22771	-0.21584	1.056509	-0.2043
ENSG00000126820	WDR63	WD repeat	ENSG0000012.801856	-0.71564	3.50683	-0.20407
ENSG000000230587			ENSG0000012.801856	-0.71564	3.50683	-0.20407
ENSG0000029959	NRBP1	nuclear rec	ENSG00000180.06541	0.152441	0.747207	0.204015
ENSG000001936	EEF1D	eukaryotic	ENSG00000140.54491	-0.19305	0.946377	-0.20399
ENSG0000010973	ASCC3	activating s	ENSG00000178.20008	0.152603	0.748265	0.203942
ENSG0000057562	CEP126	centrosom	ENSG0000014.926134	-0.48478	2.377421	-0.20391
ENSG00000283876	LINC00921	long interg	ENSG0000014.926134	-0.48478	2.377421	-0.20391
ENSG00000101927257	MRTFA-AS	MRTFA ant	ENSG0000014.926134	-0.48478	2.377421	-0.20391
ENSG0000022829	NLGN4Y	neuroligin	ENSG0000014.926134	-0.48478	2.377421	-0.20391
ENSG00000219541	MED19	mediator c	ENSG0000018.281979	0.371431	1.822415	0.203812
ENSG000003633	INPP5B	inositol pol	ENSG00000138.48851	-0.1981	0.972379	-0.20373
ENSG0000057583	TMEM181	transmembr	ENSG00000150.38868	0.176041	0.864183	0.203708
ENSG0000079902	NUP85	nucleopori	ENSG00000126.40472	0.225172	1.105822	0.203624
ENSG0000051562	MBIP	MAP3K12 i	ENSG0000014.948759	-0.4998	2.456604	-0.20345
ENSG0000054956	PARP16	poly(ADP-r	ENSG0000014.948759	-0.4998	2.456604	-0.20345
ENSG0000084310	C7orf50	chromosom	ENSG00000113.55024	-0.30469	1.498023	-0.2034
ENSG0000010139	ARFRP1	ADP ribosy	ENSG00000128.13234	-0.22307	1.097615	-0.20323
ENSG0000051075	TMX2	thioredoxin	ENSG00000144.69669	-0.18536	0.912096	-0.20322
ENSG00000644192	NR2F2-AS1	NR2F2 anti	ENSG0000016.494593	0.412859	2.031895	0.203189
ENSG000007325	UBE2E2	ubiquitin c	ENSG00000124.61106	0.231787	1.141082	0.203129
ENSG0000029074	MRPL18	mitochond	ENSG00000124.61106	0.231787	1.141082	0.203129
ENSG0000055829	SELENOS	selenoprot	ENSG00000128.27005	0.221334	1.090237	0.203015
ENSG000008531	YBX3	Y-box bindi	ENSG000001325.0094	-0.12962	0.63854	-0.20299

ENSG0000I	ENSG00000279400		ENSG0000I	13.51126	-0.30201	1.488146	-0.20294	
ENSG0000I	ENSG0000I(90843	TCEAL8	transcripti	ENSG0000I	35.63329	0.201889	0.995898	0.202721
ENSG0000I	ENSG0000I(5125	PCSK5	proprotein	ENSG0000I	21.89525	-0.24837	1.22634	-0.20253
ENSG0000I	ENSG0000I(55578	SUPT20H	SPT20 hom	ENSG0000I	33.80693	0.202821	1.00153	0.202512
ENSG0000I	ENSG0000I(3257	HPS1	HPS1, biog	ENSG0000I	20.95206	0.245618	1.213003	0.202487
ENSG0000I	ENSG0000I(204	AK2	adenylate l	ENSG0000I	81.58744	-0.1504	0.742806	-0.20248
ENSG0000I	ENSG0000I(55311	ZNF444	zinc finger	ENSG0000I	9.268984	-0.35785	1.767791	-0.20243
ENSG0000I	ENSG0000I(26995	TRUB2	TruB pseuc	ENSG0000I	44.77463	-0.18749	0.927715	-0.2021
ENSG0000I	ENSG0000I(2109	ETFB	electron tr	ENSG0000I	19.84892	-0.25655	1.271957	-0.2017
ENSG0000I	ENSG0000I(123803	NTAN1	N-terminal	ENSG0000I	19.10308	0.255404	1.266472	0.201666
ENSG0000I	ENSG0000I(56897	WRNIP1	Werner he	ENSG0000I	31.91898	0.207777	1.030355	0.201656
ENSG0000I	ENSG0000I(79084	WDR77	WD repeat	ENSG0000I	10.05302	0.337518	1.675646	0.201426
ENSG0000I	ENSG0000I(23116	TOGARAM	TOG array	ENSG0000I	46.75309	-0.18159	0.901983	-0.20132
ENSG0000I	ENSG0000I(5970	RELA	RELA proto	ENSG0000I	30.20509	-0.2133	1.059539	-0.20131
ENSG0000I	ENSG0000I(84888	SPPL2A	signal pept	ENSG0000I	159.8657	0.128407	0.637969	0.201274
ENSG0000I	ENSG0000I(3308	HSPA4	heat shock	ENSG0000I	143.3984	0.129342	0.643755	0.200919
ENSG0000I	ENSG0000I(10054	UBA2	ubiquitin li	ENSG0000I	69.28799	-0.15983	0.795702	-0.20087
ENSG0000I	ENSG0000I(55331	ACER3	alkaline ce	ENSG0000I	24.55573	0.231443	1.152231	0.200865
ENSG0000I	ENSG0000I(10300	KATNB1	katanin reg	ENSG0000I	9.307957	-0.36179	1.801432	-0.20084
ENSG0000I	ENSG0000I(51715	RAB23	RAB23, me	ENSG0000I	11.37064	-0.3231	1.608857	-0.20082
ENSG0000I	ENSG0000I(51633	OTUD6B	OTU doma	ENSG0000I	17.80886	-0.27333	1.361841	-0.20071
ENSG0000I	ENSG0000I(8798	DYRK4	dual specif	ENSG0000I	10.09199	0.334303	1.666928	0.20055
ENSG0000I	ENSG0000I(142	PARP1	poly(ADP-r	ENSG0000I	200.7445	0.125919	0.628326	0.200403
ENSG0000I	ENSG0000I(60412	EXOC4	exocyst co	ENSG0000I	77.42938	-0.15117	0.754715	-0.20029
ENSG0000I	ENSG0000I(202051	SPATA24	spermatog	ENSG0000I	7.089385	-0.40454	2.02096	-0.20017
ENSG0000I	ENSG0000I(101928464	ZNF433-AS	ZNF433 an	ENSG0000I	7.089385	-0.40454	2.02096	-0.20017
ENSG0000I	ENSG0000I(23213	SULF1	sulfatase 1	ENSG0000I	33.82956	0.200252	1.000607	0.20013
ENSG0000I	ENSG0000I(23288	IQCE	IQ motif cc	ENSG0000I	17.33204	0.262899	1.314541	0.199993
ENSG0000I	ENSG0000I(84267	C9orf64	chromosor	ENSG0000I	11.86303	0.311204	1.556778	0.199903
ENSG0000I	ENSG0000I(10062	NR1H3	nuclear rec	ENSG0000I	11.86303	0.311204	1.556778	0.199903
ENSG0000I	ENSG0000I(55486	PARL	presenilin ;	ENSG0000I	21.85	-0.24134	1.208024	-0.19978
ENSG0000I	ENSG0000I(285193	DUSP28	dual specif	ENSG0000I	6.533566	0.408316	2.044256	0.199738
ENSG0000I	ENSG0000I(80723	SLC35G2	solute carr	ENSG0000I	6.533566	0.408316	2.044256	0.199738
ENSG0000I	ENSG0000I(8722	CTSF	cathepsin F	ENSG0000I	42.73458	-0.19117	0.957764	-0.1996
ENSG0000I	ENSG0000I(5429	POLH	DNA polyn	ENSG0000I	13.47229	-0.29933	1.500207	-0.19952
ENSG0000I	ENSG0000I(171024	SYNPO2	synaptopo	ENSG0000I	678.6067	-0.10155	0.509124	-0.19945
ENSG0000I	ENSG0000I(1903	S1PR3	sphingosin	ENSG0000I	48.61136	0.177913	0.892092	0.199434
ENSG0000I	ENSG0000I(4217	MAP3K5	mitogen-ac	ENSG0000I	96.88348	0.140574	0.705488	0.199258
ENSG0000I	ENSG0000I(55571	CNOT11	CCR4-NOT	ENSG0000I	41.21542	0.185257	0.929834	0.199237
ENSG0000I	ENSG0000I(5272	SERPINB9	serpin fam	ENSG0000I	22.82367	0.233335	1.17133	0.199205
ENSG0000I	ENSG0000I(23636	NUP62	nucleopori	ENSG0000I	22.82367	0.233335	1.17133	0.199205
ENSG0000I	ENSG0000I(5333	PLCD1	phospholip	ENSG0000I	11.902	0.308376	1.548704	0.199119
ENSG0000I	ENSG0000I(10009	ZBTB33	zinc finger	ENSG0000I	22.74572	0.236846	1.18982	0.19906
ENSG0000I	ENSG0000I(7867	MAPKAPK3	mitogen-ac	ENSG0000I	379.0966	0.116337	0.584447	0.199055
ENSG0000I	ENSG0000I(1198	CLK3	CDC like ki	ENSG0000I	52.36086	0.169686	0.853774	0.198749
ENSG0000I	ENSG0000I(4172	MCM3	minichrom	ENSG0000I	35.70117	0.194708	0.980023	0.198677
ENSG0000I	ENSG0000I(3998	LMAN1	lectin, man	ENSG0000I	152.5365	0.13088	0.658928	0.198626

ENSG0000I	ENSG0000I	64409	GALNT17	polypeptid	ENSG0000I	74.5675	0.154755	0.779281	0.198587
ENSG0000I	ENSG0000I	29953	TRHDE	thyrotropin	ENSG0000I	6.394023	0.440484	2.219958	0.19842
ENSG0000I	ENSG0000I	9738	CCP110	centriolar c	ENSG0000I	26.50529	0.218746	1.102531	0.198404
ENSG0000I	ENSG0000I	10480	EIF3M	eukaryotic	ENSG0000I	44.78013	0.183819	0.926895	0.198317
ENSG0000I	ENSG00000279059				ENSG0000I	7.112011	-0.41475	2.09224	-0.19823
ENSG0000I	ENSG0000I	4237	MFAP2	microfibril	ENSG0000I	3.059364	0.573059	2.891701	0.198174
ENSG0000I	ENSG00000270605				ENSG0000I	3.059364	0.573059	2.891701	0.198174
ENSG0000I	ENSG00000274121				ENSG0000I	3.059364	0.573059	2.891701	0.198174
ENSG0000I	ENSG0000I	79801	SHCBP1	SHC bindin	ENSG0000I	3.059364	0.573059	2.891701	0.198174
ENSG0000I	ENSG0000I	58189	WFDC1	WAP four-c	ENSG0000I	3.059364	0.573059	2.891701	0.198174
ENSG0000I	ENSG00000267419				ENSG0000I	3.059364	0.573059	2.891701	0.198174
ENSG0000I	ENSG0000I	94101	ORMDL1	ORMDL spl	ENSG0000I	24.51676	0.233344	1.177593	0.198153
ENSG0000I	ENSG0000I	132720	FAM241A	family with	ENSG0000I	34.26257	-0.19916	1.005189	-0.19813
ENSG0000I	ENSG0000I	1850	DUSP8	dual specif	ENSG0000I	13.48864	-0.29613	1.496064	-0.19794
ENSG0000I	ENSG0000I	348	APOE	apolipopro	ENSG0000I	29.87775	1.000195	5.053554	0.197919
ENSG0000I	ENSG0000I	3039	HBA1	hemoglobi	ENSG0000I	25.90723	1.009925	5.107512	0.197733
ENSG0000I	ENSG0000I	57198	ATP8B2	ATPase ph	ENSG0000I	34.26885	-0.20226	1.023575	-0.1976
ENSG0000I	ENSG0000I	29889	GNL2	G protein r	ENSG0000I	40.43806	-0.18639	0.943301	-0.19759
ENSG0000I	ENSG0000I	3052	HCCS	holocytoch	ENSG0000I	21.01366	0.239428	1.212442	0.197476
ENSG0000I	ENSG0000I	133015	PACRGL	parkin core	ENSG0000I	8.304605	0.359193	1.819241	0.197441
ENSG0000I	ENSG0000I	83475	DOHH	deoxyhyphu	ENSG0000I	2.67866	-0.63347	3.211188	-0.19727
ENSG0000I	ENSG0000I	147685	C19orf18	chromosor	ENSG0000I	2.67866	-0.63347	3.211188	-0.19727
ENSG0000I	ENSG0000I	51738	GHRL	ghrelin anc	ENSG0000I	3.020391	0.581386	2.947208	0.197267
ENSG0000I	ENSG0000I	375387	NRROS	negative re	ENSG0000I	3.020391	0.581386	2.947208	0.197267
ENSG0000I	ENSG00000278978				ENSG0000I	3.020391	0.581386	2.947208	0.197267
ENSG0000I	ENSG0000I	643253	CCT6P1	chaperonir	ENSG0000I	3.020391	0.581386	2.947208	0.197267
ENSG0000I	ENSG00000278784				ENSG0000I	3.020391	0.581386	2.947208	0.197267
ENSG0000I	ENSG0000I	100288332	NPIPA5	nuclear po	ENSG0000I	3.020391	0.581386	2.947208	0.197267
ENSG0000I	ENSG0000I	221785	ZSCAN25	zinc finger	ENSG0000I	15.44408	0.279435	1.416617	0.197255
ENSG0000I	ENSG0000I	6498	SKIL	SKI like prc	ENSG0000I	73.50516	-0.15635	0.792665	-0.19724
ENSG0000I	ENSG0000I	9632	SEC24C	SEC24 horr	ENSG0000I	50.71001	-0.17128	0.868419	-0.19723
ENSG0000I	ENSG0000I	7781	SLC30A3	solute carr	ENSG0000I	4.903509	-0.46865	2.376409	-0.19721
ENSG0000I	ENSG00000259366				ENSG0000I	4.903509	-0.46865	2.376409	-0.19721
ENSG0000I	ENSG0000I	170394	PWWP2B	PWWP dor	ENSG0000I	4.903509	-0.46865	2.376409	-0.19721
ENSG0000I	ENSG0000I	643376	BTBD18	BTB domai	ENSG0000I	4.903509	-0.46865	2.376409	-0.19721
ENSG0000I	ENSG0000I	645212	EIF3J-DT	EIF3J diver	ENSG0000I	4.903509	-0.46865	2.376409	-0.19721
ENSG0000I	ENSG0000I	80270	HSD3B7	hydroxy-de	ENSG0000I	4.903509	-0.46865	2.376409	-0.19721
ENSG0000I	ENSG00000263089				ENSG0000I	4.903509	-0.46865	2.376409	-0.19721
ENSG0000I	ENSG0000I	1124	CHN2	chimerin 2	ENSG0000I	21.83365	-0.24298	1.232653	-0.19712
ENSG0000I	ENSG0000I	9868	TOMM70	translocas	ENSG0000I	122.8145	0.137014	0.695992	0.196861
ENSG0000I	ENSG0000I	55159	RFWD3	ring finger	ENSG0000I	13.44967	-0.29347	1.491095	-0.19681
ENSG0000I	ENSG0000I	440952	EIF1B-AS1	EIF1B antis	ENSG0000I	7.06676	-0.39344	1.999344	-0.19678
ENSG0000I	ENSG0000I	64965	MRPS9	mitochond	ENSG0000I	37.33018	0.210168	1.068205	0.196748
ENSG0000I	ENSG00000260398				ENSG0000I	19.732	-0.25065	1.274294	-0.19669
ENSG0000I	ENSG0000I	6421	SFPQ	splicing fac	ENSG0000I	187.5246	-0.11932	0.606914	-0.1966
ENSG0000I	ENSG0000I	4343	MOV10	Mov10 RIS	ENSG0000I	21.81103	-0.23952	1.218433	-0.19658
ENSG0000I	ENSG0000I	374879	ZNF699	zinc finger	ENSG0000I	11.34801	-0.31607	1.612222	-0.19604

ENSG0000016322	SCML1	Scm polycc	ENSG0000016322	11.34801	-0.31607	1.612222	-0.19604
ENSG00000151160	VPS28	VPS28, ESC	ENSG00000151160	28.02549	-0.21341	1.089276	-0.19592
ENSG0000011877	E4F1	E4F transcr	ENSG0000011877	4.707207	0.48547	2.479222	0.195815
ENSG0000012690	GHR	growth hor	ENSG0000012690	28.15941	0.221554	1.131599	0.195788
ENSG0000015178	PEG3	paternally	ENSG0000015178	34.27892	-0.19819	1.012334	-0.19578
ENSG00000125897	RNF19A	ring finger	ENSG00000125897	102.5046	0.137073	0.700738	0.195613
ENSG00000127341	RRP7A	ribosomal	ENSG00000127341	17.35466	0.257504	1.316499	0.195598
ENSG0000019508	ADAMTS3	ADAM met	ENSG0000019508	2.72391	-0.68692	3.515621	-0.19539
ENSG0000014621	MYH3	myosin he	ENSG0000014621	2.72391	-0.68692	3.515621	-0.19539
ENSG000001250462			ENSG000001250462	2.72391	-0.68692	3.515621	-0.19539
ENSG00000110813	UTP14A	UTP14A, sr	ENSG00000110813	15.56767	-0.27429	1.404257	-0.19533
ENSG000001339366	ADAMTSL5	ADAMTS li	ENSG000001339366	9.207386	-0.34554	1.769733	-0.19525
ENSG000001817	CAMK2D	calcium/ca	ENSG000001817	274.9719	-0.1099	0.563293	-0.1951
ENSG00000157154	SMURF1	SMAD spec	ENSG00000157154	23.86743	-0.22712	1.164418	-0.19505
ENSG00000180824	DUSP16	dual specif	ENSG00000180824	44.49555	-0.17794	0.912469	-0.19501
ENSG0000012873	GPS1	G protein ç	ENSG0000012873	32.19989	-0.20223	1.037241	-0.19497
ENSG00000123022	PALLD	palladin, cy	ENSG00000123022	991.0422	-0.09664	0.495786	-0.19492
ENSG000001140458	ASB5	ankyrin re	ENSG000001140458	4.785152	0.471706	2.421163	0.194826
ENSG0000017007	TECTA	tectorin al	ENSG0000017007	4.785152	0.471706	2.421163	0.194826
ENSG0000017260	EIPR1	EARP com	ENSG0000017260	10.11462	0.32449	1.66605	0.194766
ENSG00000154941	RNF125	ring finger	ENSG00000154941	10.11462	0.32449	1.66605	0.194766
ENSG00000157336	ZNF287	zinc finger	ENSG00000157336	9.246359	-0.34937	1.794151	-0.19473
ENSG0000013298	HSF2	heat shock	ENSG0000013298	33.93013	0.195158	1.002445	0.194682
ENSG00000151022	GLRX2	glutaredox	ENSG00000151022	8.320952	0.366956	1.885658	0.194604
ENSG000001400713	ZNF880	zinc finger	ENSG000001400713	21.8789	-0.24942	1.28228	-0.19451
ENSG00000191584	PLXNA4	plexin A4	ENSG00000191584	57.94299	0.161189	0.829103	0.194414
ENSG00000184173	ELMOD3	ELMO dom	ENSG00000184173	17.39363	0.255406	1.314147	0.194351
ENSG00000180028	FBXL18	F-box and	ENSG00000180028	6.556191	0.392488	2.019494	0.194349
ENSG0000016119	RPA3	replication	ENSG0000016119	6.556191	0.392488	2.019494	0.194349
ENSG00000110620	ARID3B	AT-rich int	ENSG00000110620	6.556191	0.392488	2.019494	0.194349
ENSG00000164319	FBR5	fibrosin	ENSG00000164319	30.06554	-0.2066	1.063564	-0.19426
ENSG0000011859	DYRK1A	dual specif	ENSG0000011859	162.9459	-0.12134	0.625294	-0.19406
ENSG00000155148	UBR7	ubiquitin p	ENSG00000155148	30.08189	-0.20543	1.058931	-0.194
ENSG0000010260855			ENSG0000010260855	2.639687	-0.62214	3.207991	-0.19393
ENSG0000010242094			ENSG0000010242094	2.639687	-0.62214	3.207991	-0.19393
ENSG000001166793	ZBTB49	zinc finger	ENSG000001166793	2.639687	-0.62214	3.207991	-0.19393
ENSG000001100505678	STAR4-AS	STAR4 an	ENSG000001100505678	2.639687	-0.62214	3.207991	-0.19393
ENSG000001101929719	LOC101929	uncharacte	ENSG000001101929719	2.639687	-0.62214	3.207991	-0.19393
ENSG00000100235381			ENSG00000100235381	2.639687	-0.62214	3.207991	-0.19393
ENSG00000100230715			ENSG00000100230715	2.639687	-0.62214	3.207991	-0.19393
ENSG0000019401	RECQL4	RecQ like h	ENSG0000019401	2.639687	-0.62214	3.207991	-0.19393
ENSG0000015588	PRKCK	protein kin	ENSG0000015588	2.639687	-0.62214	3.207991	-0.19393
ENSG0000012159	F10	coagulation	ENSG0000012159	2.639687	-0.62214	3.207991	-0.19393
ENSG00000100270871			ENSG00000100270871	2.639687	-0.62214	3.207991	-0.19393
ENSG0000012886	GRB7	growth fac	ENSG0000012886	2.639687	-0.62214	3.207991	-0.19393
ENSG00000100236194			ENSG00000100236194	2.639687	-0.62214	3.207991	-0.19393
ENSG000001339210	C17orf67	chromosom	ENSG000001339210	2.639687	-0.62214	3.207991	-0.19393

ENSG00000166002	CYP4F12	cytochrom	ENSG000002639687	-0.62214	3.207991	-0.19393
ENSG00000267481			ENSG000002639687	-0.62214	3.207991	-0.19393
ENSG00000100533107	RTEL1-TNF	RTEL1-TNF	ENSG000002639687	-0.62214	3.207991	-0.19393
ENSG0000014248	MGAT3	mannosyl (	ENSG000002639687	-0.62214	3.207991	-0.19393
ENSG0000017431	VIM	vimentin	ENSG000002160781	0.117338	0.605113	0.19391
ENSG00000192014	SLC25A51	solute carr	ENSG000001130904	-0.313	1.614715	-0.19384
ENSG0000012620	GAS2	growth arr	ENSG000001130904	-0.313	1.614715	-0.19384
ENSG0000013652	IPP	intracisterr	ENSG00000176467	-0.25771	1.329715	-0.19381
ENSG00000154832	VPS13C	vacuolar pi	ENSG000003322989	0.106543	0.549881	0.193757
ENSG00000184676	TRIM63	tripartite n	ENSG000002397619	-0.12374	0.638631	-0.19376
ENSG00000110106	CTDSP2	CTD small j	ENSG000001921515	-0.1259	0.64978	-0.19375
ENSG0000012551	GABPA	GA binding	ENSG000004688557	0.174028	0.899036	0.193572
ENSG00000272106			ENSG000004807778	0.450025	2.325409	0.193525
ENSG0000019540	TP53I3	tumor prot	ENSG000004807778	0.450025	2.325409	0.193525
ENSG000001122769	LRR1	leucine ricl	ENSG000004807778	0.450025	2.325409	0.193525
ENSG00000157692	MAGEE1	MAGE fam	ENSG000004807778	0.450025	2.325409	0.193525
ENSG00000130837	SOCS7	suppressor	ENSG000004872527	-0.17423	0.900603	-0.19346
ENSG0000018930	MBD4	methyl-Cp	ENSG000002800286	-0.21064	1.089703	-0.1933
ENSG00000135	ACADS	acyl-CoA d	ENSG000003625738	-0.19012	0.98391	-0.19323
ENSG00000184978	FRMD5	FERM dom	ENSG000003387481	0.195184	1.010376	0.193179
ENSG00000151285	RASL12	RAS like fa	ENSG000001558362	0.266167	1.378241	0.193121
ENSG00000155690	PACS1	phosphofu	ENSG000008131842	-0.14353	0.743431	-0.19306
ENSG0000017553	ZNF7	zinc finger	ENSG000001760772	-0.25557	1.323841	-0.19305
ENSG0000015934	RBL2	RB transcri	ENSG00000105813	-0.13305	0.689491	-0.19297
ENSG00000151009	DERL2	derlin 2	ENSG000001550568	0.270935	1.405248	0.192802
ENSG00000126146	TRAF3IP1	TRAF3 inte	ENSG000002180475	-0.23417	1.21517	-0.1927
ENSG0000016130	RPL7A	ribosomal j	ENSG000004867482	-0.10322	0.535804	-0.19264
ENSG00000179031	PDCL3	phosducin	ENSG000001015359	0.321291	1.667889	0.192633
ENSG000001285513	GPRIN3	GPRIN fam	ENSG000007768454	-0.16142	0.838044	-0.19262
ENSG00000126993	AKAP8L	A-kinase ar	ENSG000003578539	0.188679	0.980325	0.192466
ENSG0000019741	LAPTM4A	lysosomal j	ENSG000001325801	-0.13157	0.683646	-0.19245
ENSG0000019658	ZNF516	zinc finger	ENSG000002384481	-0.22384	1.163727	-0.19235
ENSG00000184163	GTF2IRD2	GTF2I repe	ENSG000004864536	-0.46216	2.402942	-0.19233
ENSG00000122794	CASC3	CASC3, exc	ENSG000008947864	-0.14044	0.730266	-0.19231
ENSG000001123169	LEO1	LEO1 homc	ENSG000001342704	-0.28753	1.495204	-0.1923
ENSG0000018228	PNPLA4	patatin like	ENSG000001924262	0.244638	1.273203	0.192144
ENSG0000014892	NRAP	nebulin rel	ENSG000002154417	0.092448	0.481347	0.192062
ENSG0000016390	SDHB	succinate c	ENSG000001376353	0.13472	0.701504	0.192044
ENSG00000154863	TOR4A	torsin fami	ENSG00000119636	0.297394	1.549038	0.191987
ENSG0000018226	PUDP	pseudouric	ENSG00000119636	0.297394	1.549038	0.191987
ENSG0000013337	DNAJB1	DnaJ heat :	ENSG000004504287	0.172929	0.900755	0.191983
ENSG00000155665	URGCP	upregulato	ENSG000004322658	0.176161	0.918714	0.191747
ENSG000001637	BID	BH3 intera	ENSG000002475688	0.21763	1.135379	0.19168
ENSG0000017710	ZNF154	zinc finger	ENSG000002655054	0.212038	1.106449	0.191639
ENSG0000012801	GOLGA2	golgin A2	ENSG000008227391	0.140981	0.737052	0.191277
ENSG00000179694	MANEA	mannosida	ENSG00000196704	-0.24469	1.280346	-0.19111
ENSG000001833	CARS	cysteinyl-tf	ENSG00000196704	-0.24469	1.280346	-0.19111

ENSG0000I	ENSG0000I	80724	ACAD10	acyl-CoA d	ENSG0000I	34.29527	-0.19741	1.036244	-0.19051
ENSG0000I	ENSG0000I	10228	STX6	syntaxin 6	ENSG0000I	17.41626	0.250039	1.312796	0.190463
ENSG0000I	ENSG0000I	57695	USP37	ubiquitin s	ENSG0000I	23.80583	-0.22219	1.16683	-0.19042
ENSG0000I	ENSG0000I	115416	MALSU1	mitochond	ENSG0000I	19.26524	0.239913	1.259946	0.190415
ENSG0000I	ENSG0000I	283316	CD163L1	CD163 mol	ENSG0000I	6.517218	0.397598	2.089532	0.190281
ENSG0000I	ENSG0000I	152559	PAQR3	progestin a	ENSG0000I	17.43261	0.253191	1.330929	0.190236
ENSG0000I	ENSG0000I	11108	PRDM4	PR/SET dor	ENSG0000I	30.02029	-0.20148	1.059108	-0.19024
ENSG0000I	ENSG0000I	5608	MAP2K6	mitogen-ac	ENSG0000I	4.768805	0.456223	2.398337	0.190225
ENSG0000I	ENSG0000I	9182	RASSF9	Ras associæ	ENSG0000I	15.50607	-0.2668	1.403218	-0.19014
ENSG0000I	ENSG0000I	55333	SYNJ2BP	synaptojan	ENSG0000I	140.1316	0.122778	0.646499	0.189913
ENSG0000I	ENSG0000I	4883	NPR3	natriuretic	ENSG0000I	57.11907	0.405219	2.133734	0.189911
ENSG0000I	ENSG0000I	8802	SUCLG1	succinate-(	ENSG0000I	139.5685	0.133151	0.701222	0.189884
ENSG0000I	ENSG0000I	140467	ZNF358	zinc finger	ENSG0000I	19.64778	-0.24078	1.268033	-0.18988
ENSG0000I	ENSG0000I	6777	STAT5B	signal tran	ENSG0000I	89.39442	-0.1383	0.728356	-0.18988
ENSG0000I	ENSG0000I	252995	FNDC5	fibronectin	ENSG0000I	70.55906	0.168661	0.888395	0.18985
ENSG0000I	ENSG0000I	30849	PIK3R4	phosphoin	ENSG0000I	36.17943	-0.18773	0.989098	-0.1898
ENSG0000I	ENSG0000I	6483	ST3GAL2	ST3 beta-g	ENSG0000I	26.56061	0.218554	1.151742	0.189759
ENSG0000I	ENSG0000I	51809	GALNT7	polypeptid	ENSG0000I	8.366203	0.343402	1.810241	0.1897
ENSG0000I	ENSG0000I	10572	SIVA1	SIVA1 apoç	ENSG0000I	8.366203	0.343402	1.810241	0.1897
ENSG0000I	ENSG00000270696				ENSG0000I	17.37729	0.252235	1.329916	0.189662
ENSG0000I	ENSG0000I	84618	NT5C1A	5'-nucleoti	ENSG0000I	11.42596	-0.32336	1.705182	-0.18964
ENSG0000I	ENSG0000I	23554	TSPAN12	tetraspanin	ENSG0000I	40.37018	-0.18082	0.95428	-0.18948
ENSG0000I	ENSG0000I	7270	TTF1	transcripti	ENSG0000I	26.62849	0.208983	1.103614	0.189363
ENSG0000I	ENSG0000I	57589	RIC1	RIC1 homo	ENSG0000I	44.42767	-0.17289	0.913284	-0.18931
ENSG0000I	ENSG0000I	51175	TUBE1	tubulin ep	ENSG0000I	34.15573	-0.19121	1.010139	-0.18929
ENSG0000I	ENSG0000I	135114	HINT3	histidine tr	ENSG0000I	50.92122	-0.17595	0.929749	-0.18925
ENSG0000I	ENSG0000I	100506451	RASSF8-AS	RASSF8 ant	ENSG0000I	9.285332	-0.35413	1.872915	-0.18908
ENSG0000I	ENSG0000I	55277	FGGY	FGGY carb	ENSG0000I	24.7795	0.214006	1.132225	0.189014
ENSG0000I	ENSG0000I	57794	SUGP1	SURP and (	ENSG0000I	21.11423	0.23135	1.226948	0.188558
ENSG0000I	ENSG0000I	9236	CCPG1	cell cycle p	ENSG0000I	19.66413	-0.23871	1.266509	-0.18848
ENSG0000I	ENSG0000I	150962	PUS10	pseudouric	ENSG0000I	9.184761	-0.33689	1.788891	-0.18832
ENSG0000I	ENSG0000I	23592	LEMD3	LEM doma	ENSG0000I	32.18172	0.192982	1.025575	0.18817
ENSG0000I	ENSG0000I	2286	FKBP2	FK506 bind	ENSG0000I	24.77322	0.219382	1.166183	0.188119
ENSG0000I	ENSG0000I	3726	JUNB	JunB proto	ENSG0000I	23.78321	-0.2189	1.164527	-0.18797
ENSG0000I	ENSG0000I	94134	ARHGAP12	Rho GTPas	ENSG0000I	60.01574	0.153065	0.814385	0.187952
ENSG0000I	ENSG0000I	100506655	LCMT1-AS	LCMT1 ant	ENSG0000I	7.005162	-0.37744	2.009315	-0.18784
ENSG0000I	ENSG0000I	64595	TTY15	testis-spec	ENSG0000I	9.145788	-0.33313	1.773663	-0.18782
ENSG0000I	ENSG0000I	6399	TRAPPC2	trafficking	ENSG0000I	10.17621	0.311592	1.659028	0.187816
ENSG0000I	ENSG0000I	5290	PIK3CA	phosphatic	ENSG0000I	81.15625	-0.13987	0.745264	-0.18768
ENSG0000I	ENSG0000I	6047	RNF4	ring finger	ENSG0000I	40.25327	-0.17748	0.945797	-0.18766
ENSG0000I	ENSG0000I	51073	MRPL4	mitochond	ENSG0000I	11.98623	0.289298	1.543359	0.187447
ENSG0000I	ENSG0000I	56916	SMARCD	SWI/SNF-r	ENSG0000I	39.59021	0.176464	0.942771	0.187176
ENSG0000I	ENSG0000I	9183	ZW10	zw10 kinet	ENSG0000I	19.28787	0.235129	1.256506	0.187129
ENSG0000I	ENSG00000253636				ENSG0000I	4.841911	-0.44585	2.38288	-0.18711
ENSG0000I	ENSG0000I	51733	UPB1	beta-ureid	ENSG0000I	4.841911	-0.44585	2.38288	-0.18711
ENSG0000I	ENSG0000I	6945	MLX	MLX, MAX	ENSG0000I	66.98271	-0.15001	0.801753	-0.1871
ENSG0000I	ENSG00000240401				ENSG0000I	3.081989	0.536035	2.866149	0.187023

ENSG0000I	ENSG0000I	3955	LFNG	LFNG O-fuc	ENSG0000I	3.081989	0.536035	2.866149	0.187023
ENSG0000I	ENSG0000I	9536	PTGES	prostaglan	ENSG0000I	3.081989	0.536035	2.866149	0.187023
ENSG0000I	ENSG00000272909				ENSG0000I	3.081989	0.536035	2.866149	0.187023
ENSG0000I	ENSG0000I	56985	ADPRM	ADP-ribose	ENSG0000I	3.081989	0.536035	2.866149	0.187023
ENSG0000I	ENSG0000I	100294362	LOC100294	uncharacte	ENSG0000I	3.081989	0.536035	2.866149	0.187023
ENSG0000I	ENSG00000261888				ENSG0000I	3.081989	0.536035	2.866149	0.187023
ENSG0000I	ENSG0000I	51548	SIRT6	sirtuin 6	ENSG0000I	3.081989	0.536035	2.866149	0.187023
ENSG0000I	ENSG0000I	64224	HERPUD2	HERPUD fa	ENSG0000I	21.01993	0.232833	1.245374	0.186958
ENSG0000I	ENSG0000I	9841	ZBTB24	zinc finger	ENSG0000I	13.75726	0.275464	1.474243	0.186851
ENSG0000I	ENSG0000I	112858	TP53RK	TP53 regul	ENSG0000I	11.24744	-0.30282	1.622176	-0.18667
ENSG0000I	ENSG0000I	81550	TDRD3	tudor dom	ENSG0000I	54.46251	0.156886	0.84118	0.186507
ENSG0000I	ENSG0000I	56681	SAR1A	secretion a	ENSG0000I	130.0548	-0.12216	0.655154	-0.18645
ENSG0000I	ENSG0000I	8607	RUVBL1	RuvB like A	ENSG0000I	19.30422	0.237841	1.277046	0.186243
ENSG0000I	ENSG0000I	170959	ZNF431	zinc finger	ENSG0000I	40.25954	-0.18	0.966778	-0.18618
ENSG0000I	ENSG0000I	3977	LIFR	LIF recepto	ENSG0000I	318.0845	-0.11105	0.597986	-0.1857
ENSG0000I	ENSG0000I	23219	FBXO28	F-box prot	ENSG0000I	46.36716	-0.16668	0.897932	-0.18563
ENSG0000I	ENSG0000I	23154	NCDN	neurochon	ENSG0000I	22.98584	0.220189	1.186639	0.185557
ENSG0000I	ENSG0000I	161779	PGBD4	piggyBac tr	ENSG0000I	8.405175	0.339584	1.830144	0.185551
ENSG0000I	ENSG0000I	4633	MYL2	myosin lig	ENSG0000I	2266.938	0.099495	0.537233	0.185198
ENSG0000I	ENSG0000I	79973	ZNF442	zinc finger	ENSG0000I	6.617789	0.372392	2.012151	0.185072
ENSG0000I	ENSG0000I	246175	CNOT6L	CCR4-NOT	ENSG0000I	77.01454	-0.13984	0.755789	-0.18502
ENSG0000I	ENSG0000I	26136	TES	testin LIM	ENSG0000I	25.87858	-0.21075	1.139086	-0.18502
ENSG0000I	ENSG0000I	9317	PTER	phosphotri	ENSG0000I	19.32684	0.233182	1.261056	0.18491
ENSG0000I	ENSG0000I	11097	NUPL2	nucleopori	ENSG0000I	15.44447	-0.25928	1.403069	-0.1848
ENSG0000I	ENSG0000I	399474	TMEM200I	transmeml	ENSG0000I	2.617062	-0.59235	3.205638	-0.18478
ENSG0000I	ENSG00000239503				ENSG0000I	2.617062	-0.59235	3.205638	-0.18478
ENSG0000I	ENSG00000230457				ENSG0000I	2.617062	-0.59235	3.205638	-0.18478
ENSG0000I	ENSG0000I	51053	GMNN	geminin, D	ENSG0000I	2.617062	-0.59235	3.205638	-0.18478
ENSG0000I	ENSG0000I	401262	CRIP3	cysteine ric	ENSG0000I	2.617062	-0.59235	3.205638	-0.18478
ENSG0000I	ENSG00000273014				ENSG0000I	2.617062	-0.59235	3.205638	-0.18478
ENSG0000I	ENSG00000234358				ENSG0000I	2.617062	-0.59235	3.205638	-0.18478
ENSG0000I	ENSG00000280123				ENSG0000I	2.617062	-0.59235	3.205638	-0.18478
ENSG0000I	ENSG00000255182				ENSG0000I	2.617062	-0.59235	3.205638	-0.18478
ENSG0000I	ENSG0000I	642361	LOC642361	uncharacte	ENSG0000I	2.617062	-0.59235	3.205638	-0.18478
ENSG0000I	ENSG0000I	56924	PAK6	p21 (RAC1)	ENSG0000I	2.617062	-0.59235	3.205638	-0.18478
ENSG0000I	ENSG0000I	100130855	USP3-AS1	USP3 antis	ENSG0000I	2.617062	-0.59235	3.205638	-0.18478
ENSG0000I	ENSG0000I	5409	PNMT	phenyleth	ENSG0000I	2.617062	-0.59235	3.205638	-0.18478
ENSG0000I	ENSG0000I	6676	SPAG4	sperm assc	ENSG0000I	2.617062	-0.59235	3.205638	-0.18478
ENSG0000I	ENSG0000I	55713	ZNF334	zinc finger	ENSG0000I	2.617062	-0.59235	3.205638	-0.18478
ENSG0000I	ENSG0000I	646851	FAM227A	family with	ENSG0000I	2.617062	-0.59235	3.205638	-0.18478
ENSG0000I	ENSG0000I	5063	PAK3	p21 (RAC1)	ENSG0000I	2.617062	-0.59235	3.205638	-0.18478
ENSG0000I	ENSG0000I	284001	CCDC57	coiled-coil	ENSG0000I	15.42812	-0.262	1.418201	-0.18474
ENSG0000I	ENSG0000I	9223	MAGI1	membrane	ENSG0000I	75.05243	-0.14201	0.768866	-0.1847
ENSG0000I	ENSG00000226900				ENSG0000I	12.0252	0.286471	1.551118	0.184687
ENSG0000I	ENSG0000I	29956	CERS2	ceramide s	ENSG0000I	26.53419	0.210558	1.140468	0.184624
ENSG0000I	ENSG0000I	90313	TP53I13	tumor prot	ENSG0000I	10.21519	0.308355	1.671177	0.184513
ENSG0000I	ENSG0000I	2887	GRB10	growth fac	ENSG0000I	106.4202	-0.14233	0.771524	-0.18448

ENSG0000019147	NEMF	nuclear ex	ENSG0000016750846	0.14479	0.784928	0.184463
ENSG0000015928	RBBP4	RB binding	ENSG0000019735729	-0.13038	0.708108	-0.18413
ENSG00000186	ACTL6A	actin like 6	ENSG000001175235	-0.24441	1.328156	-0.18402
ENSG00000156900	TMEM167	transmembr	ENSG0000013594756	0.180256	0.979782	0.183976
ENSG00000179027	ZNF655	zinc finger	ENSG0000017113476	0.144318	0.784467	0.18397
ENSG000001317749	DHRS4L2	dehydroge	ENSG0000011749421	0.24567	1.33566	0.183931
ENSG0000015066	PAM	peptidylgly	ENSG0000011050.031	0.104815	0.569872	0.183927
ENSG00000164921	CASD1	CAS1 dom	ENSG00000132.22697	0.187595	1.020053	0.183908
ENSG00000123080	AVL9	AVL9 cell n	ENSG00000143.31708	0.168445	0.916324	0.183827
ENSG00000180331	DNAJC5	DnaJ heat s	ENSG00000171.28437	0.142766	0.77679	0.183789
ENSG0000015371	PML	promyeloc	ENSG00000135.6911	0.190529	1.036747	0.183776
ENSG00000110425	ARIH2	ariadne RB	ENSG000001164.4907	-0.11387	0.620222	-0.1836
ENSG00000110153	CEBPZ	CCAAT enh	ENSG00000134.0596	0.183742	1.002055	0.183366
ENSG0000016919	TCEA2	transcripti	ENSG00000111.22482	-0.2957	1.615441	-0.18305
ENSG0000016009	RHEB	Ras homol	ENSG00000148.93191	0.159871	0.874338	0.182848
ENSG0000019867	PJA2	praja ring f	ENSG000001215.2835	-0.10774	0.59026	-0.18254
ENSG00000151063	CALHM2	calcium ho	ENSG0000019.129441	-0.33743	1.848771	-0.18252
ENSG0000011059	CENPB	centromer	ENSG00000138.16796	-0.17695	0.970434	-0.18234
ENSG0000018706	B3GALNT1	beta-1,3-N	ENSG00000167.58012	0.144788	0.794455	0.182249
ENSG000001692205	SNORD89	small nucle	ENSG0000014.830403	0.428046	2.349954	0.182151
ENSG0000013622	ING2	inhibitor of	ENSG0000014.830403	0.428046	2.349954	0.182151
ENSG000001126433	FBXO27	F-box prot	ENSG0000014.830403	0.428046	2.349954	0.182151
ENSG000001205	AK4	adenylate l	ENSG000001138.3707	0.122303	0.671729	0.182072
ENSG0000017084	TK2	thymidine	ENSG00000119.34947	0.228436	1.25473	0.18206
ENSG0000017559	ZNF12	zinc finger	ENSG00000154.56308	0.153612	0.84378	0.182053
ENSG00000164834	ELOVL1	ELOVL fatt	ENSG00000123.03109	0.212442	1.16715	0.182018
ENSG0000013551	IKBKB	inhibitor of	ENSG00000137.76385	0.176081	0.967761	0.181946
ENSG0000016603	SMARCD2	SWI/SNF r	ENSG00000137.76385	0.176081	0.967761	0.181946
ENSG000001101927752	LOC101927	uncharacte	ENSG0000016.982537	-0.36593	2.012825	-0.1818
ENSG000001114984	FLYWCH2	FLYWCH fa	ENSG0000016.982537	-0.36593	2.012825	-0.1818
ENSG0000019910	RABGAP1L	RAB GTPas	ENSG000001194.908	-0.10916	0.600558	-0.18176
ENSG0000013790	KCNS3	potassium	ENSG0000014.869376	0.42227	2.323366	0.181749
ENSG00000100272077			ENSG0000014.869376	0.42227	2.323366	0.181749
ENSG0000015191	PEX7	peroxisom	ENSG0000014.869376	0.42227	2.323366	0.181749
ENSG00000100235314			ENSG0000014.869376	0.42227	2.323366	0.181749
ENSG00000100228801			ENSG0000014.869376	0.42227	2.323366	0.181749
ENSG000001100093631	GTF2IP4	general tra	ENSG0000018.4278	0.327781	1.804565	0.18164
ENSG00000122888	UBOX5	U-box dom	ENSG0000019.123163	-0.32434	1.785792	-0.18162
ENSG00000179184	BRCC3	BRCA1/BR	ENSG00000119.68047	-0.23699	1.305299	-0.18156
ENSG00000110781	ZNF266	zinc finger	ENSG00000129.88075	-0.1947	1.073115	-0.18144
ENSG00000154765	TRIM44	tripartite n	ENSG000001134.8436	0.117466	0.647701	0.181359
ENSG0000016240	RRM1	ribonucleo	ENSG00000127.81807	-0.19791	1.091828	-0.18127
ENSG0000012617	GARS	glycyl-tRN	ENSG00000152.7141	0.154236	0.851063	0.181227
ENSG00000111252	PACSIN2	protein kin	ENSG00000189.25239	-0.13273	0.732589	-0.18118
ENSG00000151099	ABHD5	abhydrolas	ENSG00000128.58432	0.193843	1.070385	0.181097
ENSG00000164746	ACBD3	acyl-CoA b	ENSG00000140.13007	-0.17152	0.948526	-0.18083
ENSG00000157180	ACTR3B	ARP3 actin	ENSG0000018.388828	0.331643	1.834526	0.180778

ENSG0000015927	ENSG0000015927	KDM5A	lysine dem	ENSG0000015927	142.0324	-0.11742	0.649638	-0.18075
ENSG0000029926	ENSG0000029926	GMPPA	GDP-mann	ENSG0000029926	15.70682	0.249516	1.381108	0.180664
ENSG0000010001	ENSG0000010001	MED6	mediator c	ENSG0000010001	15.70682	0.249516	1.381108	0.180664
ENSG0000054454	ENSG0000054454	ATAD2B	ATPase fan	ENSG0000054454	50.36304	-0.1584	0.877209	-0.18057
ENSG000009112	ENSG000009112	MTA1	metastasis	ENSG000009112	23.73796	-0.21234	1.176817	-0.18043
ENSG00000112483	ENSG00000112483	SAT2	spermidine	ENSG00000112483	21.1821	0.218515	1.211879	0.180311
ENSG000005887	ENSG000005887	RAD23B	RAD23 hom	ENSG000005887	143.9402	0.121935	0.676409	0.180268
ENSG0000065008	ENSG0000065008	MRPL1	mitochond	ENSG0000065008	23.04744	0.214504	1.19052	0.180177
ENSG000006901	ENSG000006901	TAZ	tafazzin	ENSG000006901	23.04744	0.214504	1.19052	0.180177
ENSG0000010489	ENSG0000010489	LRRC41	leucine ric	ENSG0000010489	52.39682	-0.15469	0.858573	-0.18017
ENSG00000728730	ENSG00000728730	MAP4K3-D	MAP4K3 di	ENSG00000728730	9.084191	-0.32061	1.779661	-0.18015
ENSG00000641298	ENSG00000641298	SMG1P1	SMG1 pset	ENSG00000641298	4.802938	-0.43907	2.437713	-0.18011
ENSG0000028968	ENSG0000028968	SLC6A16	solute carr	ENSG0000028968	4.802938	-0.43907	2.437713	-0.18011
ENSG0000055651	ENSG0000055651	NHP2	NHP2 ribor	ENSG0000055651	10.19884	0.302101	1.677673	0.180072
ENSG0000025862	ENSG0000025862	USP49	ubiquitin s	ENSG0000025862	10.19884	0.302101	1.677673	0.180072
ENSG00000221955	ENSG00000221955	DAGLB	diacylglyce	ENSG00000221955	10.19884	0.302101	1.677673	0.180072
ENSG00000162655	ENSG00000162655	ZNF519	zinc finger	ENSG00000162655	10.19884	0.302101	1.677673	0.180072
ENSG00000129138	ENSG00000129138	ANKRD54	ankyrin re	ENSG00000129138	10.19884	0.302101	1.677673	0.180072
ENSG0000051271	ENSG0000051271	UBAP1	ubiquitin a	ENSG0000051271	52.69775	0.153607	0.853214	0.180034
ENSG0000054606	ENSG0000054606	DDX56	DEAD-box	ENSG0000054606	27.80172	-0.19916	1.107149	-0.17989
ENSG0000083999	ENSG0000083999	KREMEN1	kringle con	ENSG0000083999	78.9641	-0.13552	0.753699	-0.1798
ENSG0000085012	ENSG0000085012	TCEAL3	transcripti	ENSG0000085012	17.53946	0.235227	1.308342	0.17979
ENSG00000234290	ENSG00000234290			ENSG00000234290	6.96619	-0.37222	2.072083	-0.17963
ENSG0000051130	ENSG0000051130	ASB3	ankyrin re	ENSG0000051130	3.120962	0.527426	2.937339	0.179559
ENSG0000057140	ENSG0000057140	RNPEPL1	arginyl ami	ENSG0000057140	52.73672	0.152692	0.850659	0.179498
ENSG0000055852	ENSG0000055852	TEX2	testis expr	ENSG0000055852	119.5981	-0.11987	0.668301	-0.17936
ENSG00000285753	ENSG00000285753	CEP57L1	centrosom	ENSG00000285753	15.38287	-0.25173	1.403823	-0.17932
ENSG00000284297	ENSG00000284297	SSC5D	scavenger	ENSG00000284297	7.02151	-0.37119	2.070851	-0.17925
ENSG00000545	ENSG00000545	ATR	ATR serine	ENSG00000545	38.05104	-0.17349	0.968469	-0.17914
ENSG000001288	ENSG000001288	COL4A6	collagen ty	ENSG000001288	19.54093	-0.22674	1.265947	-0.17911
ENSG0000054480	ENSG0000054480	CHPF2	chondroitin	ENSG0000054480	19.52458	-0.2288	1.277632	-0.17908
ENSG00000140609	ENSG00000140609	NEK7	NIMA relat	ENSG00000140609	389.1072	0.101198	0.56534	0.179003
ENSG0000064943	ENSG0000064943	NT5DC2	5'-nucleoti	ENSG0000064943	28.60067	0.195332	1.091752	0.178916
ENSG0000054876	ENSG0000054876	DCAF16	DDB1 and	ENSG0000054876	37.82545	0.172658	0.965256	0.178872
ENSG00000150864	ENSG00000150864	FAM117B	family with	ENSG00000150864	13.89681	0.260865	1.459057	0.17879
ENSG000007436	ENSG000007436	VLDLR	very low d	ENSG000007436	157.3005	0.115112	0.643952	0.178759
ENSG0000026019	ENSG0000026019	UPF2	UPF2, regu	ENSG0000026019	67.47576	0.144131	0.806758	0.178654
ENSG0000010105	ENSG0000010105	PPIF	peptidylpr	ENSG0000010105	88.19045	0.13148	0.735989	0.178643
ENSG00000116841	ENSG00000116841	SNAP47	synaptosor	ENSG00000116841	20.88039	0.24474	1.370066	0.178634
ENSG0000051028	ENSG0000051028	VPS36	vacuolar p	ENSG0000051028	84.49248	0.131509	0.736307	0.178606
ENSG0000083450	ENSG0000083450	DRC3	dynein reg	ENSG0000083450	6.943564	-0.36123	2.022726	-0.17859
ENSG000007189	ENSG000007189	TRAF6	TNF recept	ENSG000007189	29.8355	-0.18958	1.061618	-0.17857
ENSG00000283537	ENSG00000283537	SLC46A3	solute carr	ENSG00000283537	23.05371	0.208532	1.168284	0.178495
ENSG000009125	ENSG000009125	CNOT9	CCR4-NOT	ENSG000009125	28.60694	0.190766	1.069047	0.178445
ENSG000002181	ENSG000002181	ACSL3	acyl-CoA s	ENSG000002181	106.9354	0.122943	0.689237	0.178375
ENSG0000085313	ENSG0000085313	PPIL4	peptidylpr	ENSG0000085313	35.99464	-0.17777	0.99688	-0.17833
ENSG0000027333	ENSG0000027333	GOLIM4	golgi integri	ENSG0000027333	135.9324	-0.11677	0.654882	-0.1783

ENSG000001388403	YPEL2	yippee like	ENSG00000197.1725	-0.12658	0.710242	-0.17822
ENSG000001221981	THSD7A	thrombospondin	ENSG00000115.69047	0.245872	1.380082	0.178157
ENSG000001128637	TBC1D20	TBC1 domain	ENSG00000146.22133	-0.15986	0.897992	-0.17802
ENSG0000016664	SOX11	SRY-box 11	ENSG0000014.84675	0.442293	2.484726	0.178005
ENSG00000110992	SF3B2	splicing factor	ENSG000001121.5929	-0.11858	0.666248	-0.17798
ENSG00000126119	LDLRAP1	low density lipoprotein receptor	ENSG00000119.37209	0.223705	1.258155	0.177804
ENSG0000016434	TRA2B	transformer-1	ENSG00000178.85346	-0.13464	0.757554	-0.17773
ENSG0000018790	FPGT	fucose-1-pyruvyltransferase	ENSG00000115.72944	0.243577	1.371059	0.177656
ENSG000001100049716	LOC100049716	uncharacterized protein	ENSG00000115.46082	-0.25687	1.446567	-0.17757
ENSG0000016210	RPS15A	ribosomal protein S15A	ENSG00000156.46359	0.148189	0.834736	0.177528
ENSG00000154810	GIPC2	GIPC PDZ domain	ENSG00000111.20219	-0.28854	1.626341	-0.17742
ENSG0000018209	GATD3A	glutamine aminotransferase	ENSG00000111.20219	-0.28854	1.626341	-0.17742
ENSG000001788	SLC25A20	solute carrier family 25 member 20	ENSG00000165.55014	0.153955	0.867962	0.177375
ENSG0000013720	JARID2	jumonji domain containing 2	ENSG00000129.81915	-0.1907	1.076992	-0.17707
ENSG0000018835	SOCS2	suppressor of cytokine signaling 2	ENSG00000115.3439	-0.24935	1.410433	-0.17679
ENSG0000013017	HIST1H2BC	histone cluster 1, H2B class	ENSG00000117.57843	0.233094	1.318579	0.176776
ENSG00000111320	MGAT4A	alpha-1,3-mannosylglyucosyltransferase	ENSG00000164.57935	-0.14133	0.799616	-0.17674
ENSG00000184747	UNC119B	unc-119 lipase	ENSG00000125.79436	-0.20322	1.150273	-0.17667
ENSG00000191975	ZNF300	zinc finger protein 300	ENSG0000014.819286	-0.42946	2.431248	-0.17664
ENSG00000100279348			ENSG0000014.780313	-0.42271	2.394731	-0.17652
ENSG00000122949	PTGR1	prostaglandin synthase 1	ENSG0000014.780313	-0.42271	2.394731	-0.17652
ENSG0000019605	VPS9D1	VPS9 domain containing 1	ENSG0000014.780313	-0.42271	2.394731	-0.17652
ENSG00000100280046			ENSG0000014.780313	-0.42271	2.394731	-0.17652
ENSG000001124930	ANKRD13B	ankyrin repeat domain 13B	ENSG0000014.780313	-0.42271	2.394731	-0.17652
ENSG00000100279329			ENSG0000014.780313	-0.42271	2.394731	-0.17652
ENSG00000184674	CARD6	caspase recruitment domain 6	ENSG00000134.14383	0.177469	1.005972	0.176415
ENSG00000111201	POLI	DNA polymerase	ENSG00000134.14383	0.177469	1.005972	0.176415
ENSG0000018867	SYNJ1	synaptojanin 1	ENSG00000136.07076	0.173071	0.981391	0.176352
ENSG0000013699	ITIH3	inter-alpha(1)III(N1) glycoprotein	ENSG0000012.578089	-0.58054	3.292451	-0.17632
ENSG000001100506551	LOC100506551	uncharacterized protein	ENSG0000012.578089	-0.58054	3.292451	-0.17632
ENSG00000157191	VN1R1	vomeroneurin receptor 1	ENSG0000012.578089	-0.58054	3.292451	-0.17632
ENSG00000100229939			ENSG0000012.578089	-0.58054	3.292451	-0.17632
ENSG00000100237854			ENSG00000111.16322	-0.28542	1.619279	-0.17626
ENSG00000155553	SOX6	SRY-box 6	ENSG00000138.04476	-0.17064	0.968465	-0.1762
ENSG0000015093	PCBP1	poly(rC) binding protein 1	ENSG0000018.466773	0.323808	1.839008	0.176077
ENSG00000129940	DSE	dermatan sulfate epimerase	ENSG00000163.593	0.151145	0.858833	0.175989
ENSG00000110482	NXF1	nuclear RNA export factor 1	ENSG00000158.50064	-0.15044	0.855123	-0.17593
ENSG000001283820	NOMO2	NODAL modulator 2	ENSG00000126.79065	0.19759	1.12362	0.175851
ENSG00000184961	FBXL20	F-box and leucine-rich repeat protein 20	ENSG00000154.369	-0.14904	0.84799	-0.17575
ENSG00000155602	CDKN2AIP	CDKN2A interacting protein	ENSG00000113.91943	0.254089	1.445918	0.175728
ENSG000001221476	PI16	peptidase inhibitor 16	ENSG00000115.63894	0.26562	1.512636	0.1756
ENSG0000017286	TUFT1	tuftelin 1	ENSG0000016.679387	0.352534	2.009521	0.175432
ENSG00000164785	GINS3	GINS complex subunit 3	ENSG0000016.679387	0.352534	2.009521	0.175432
ENSG00000123587	ELP5	elongator complex subunit 5	ENSG00000117.56208	0.229959	1.311628	0.175323
ENSG0000016727	SRP14	signal recognition particle 14	ENSG000001101.2012	0.128945	0.735754	0.175256
ENSG0000016482	ST3GAL1	ST3 beta-galactosyltransferase 1	ENSG000001367.7516	0.094659	0.540653	0.175083
ENSG0000019994	CASP8AP2	caspase 8 activator 2	ENSG00000156.52519	0.145897	0.833494	0.175043

ENSG00000196074	METTL15	methyltran	ENSG00000195183	-0.2227	1.274076	-0.17479
ENSG0000026984	SEC22A	SEC22 hom	ENSG0000019061565	-0.31171	1.784786	-0.17465
ENSG0000026084	ARHGEF26	Rho guanir	ENSG0000019061565	-0.31171	1.784786	-0.17465
ENSG00000137695	TMEM68	transmeml	ENSG0000019061565	-0.31171	1.784786	-0.17465
ENSG0000064223	MLST8	MTOR assc	ENSG0000019061565	-0.31171	1.784786	-0.17465
ENSG0000055621	TRMT1	tRNA meth	ENSG0000019061565	-0.31171	1.784786	-0.17465
ENSG000004999	ORC2	origin reco	ENSG000003183658	-0.18333	1.049901	-0.17461
ENSG0000055132	LARP1B	La ribonucl	ENSG00000400295	-0.16737	0.958563	-0.17461
ENSG000004942	OAT	ornithine a	ENSG00000470276	0.16132	0.924466	0.174501
ENSG0000027436	EML4	echinoderr	ENSG00000277175	-0.19215	1.101223	-0.17449
ENSG00000158431	ZNF782	zinc finger	ENSG000001536025	-0.24655	1.413061	-0.17448
ENSG000001773	DNASE1	deoxyribor	ENSG000001536025	-0.24655	1.413061	-0.17448
ENSG0000022838	RNF44	ring finger	ENSG000002128267	0.210635	1.207456	0.174445
ENSG00000728621	CCDC30	coiled-coil	ENSG000003143587	0.492434	2.82325	0.174421
ENSG000007849	PAX8	paired box	ENSG000003143587	0.492434	2.82325	0.174421
ENSG00000226709			ENSG000003143587	0.492434	2.82325	0.174421
ENSG000007006	TEC	tec protein	ENSG000003143587	0.492434	2.82325	0.174421
ENSG00000169075			ENSG000003143587	0.492434	2.82325	0.174421
ENSG0000024146	CLDN15	claudin 15	ENSG000003143587	0.492434	2.82325	0.174421
ENSG00000401431	ATP6V0E2	ATP6V0E2	ENSG000003143587	0.492434	2.82325	0.174421
ENSG00000280088			ENSG000003143587	0.492434	2.82325	0.174421
ENSG0000055592	GOLGA2P5	GOLGA2 p5	ENSG000003143587	0.492434	2.82325	0.174421
ENSG00000100271722	LINC00899	long interg	ENSG000003143587	0.492434	2.82325	0.174421
ENSG00000100463488	MTRNR2L1	MT-RNR2 l	ENSG000003143587	0.492434	2.82325	0.174421
ENSG000007709	ZBTB17	zinc finger	ENSG000009045218	-0.31665	1.815519	-0.17441
ENSG000001965	EIF2S1	eukaryotic	ENSG000007522494	0.132352	0.758919	0.174395
ENSG0000023585	TMEM50A	transmeml	ENSG000005087139	0.152685	0.875966	0.174305
ENSG000006120	RPE	ribulose-5-	ENSG000001947933	-0.22072	1.266484	-0.17428
ENSG000002992	GYG1	glycogenin	ENSG000006491376	-0.1491	0.855603	-0.17426
ENSG00000285331	CCDC66	coiled-coil	ENSG000003183031	-0.17988	1.034122	-0.17394
ENSG000007188	TRAF5	TNF recept	ENSG000008450426	0.316044	1.817036	0.173934
ENSG000001838	DTNB	dystrobrev	ENSG000008450426	0.316044	1.817036	0.173934
ENSG000009187	SLC24A1	solute carr	ENSG000008450426	0.316044	1.817036	0.173934
ENSG00000101060684	NBPF26	NBPF mem	ENSG000001026044	0.289332	1.664711	0.173803
ENSG00000440104	TMEM198l	transmeml	ENSG000006920939	-0.34961	2.015528	-0.17346
ENSG00000105370854	LOC105370	uncharacte	ENSG000006920939	-0.34961	2.015528	-0.17346
ENSG0000010544	PROCR	protein C r	ENSG000006920939	-0.34961	2.015528	-0.17346
ENSG0000085236	HIST1H2BK	histone clu	ENSG000008489398	0.312309	1.802022	0.17331
ENSG00000222553	SLC35F1	solute carr	ENSG000008489398	0.312309	1.802022	0.17331
ENSG0000057406	ABHD6	abhydrolas	ENSG000001029941	0.286127	1.652046	0.173196
ENSG00000100505573	INAFM2	InaF motif	ENSG000001747825	-0.23553	1.36024	-0.17316
ENSG00000221844			ENSG000009100538	-0.31581	1.825479	-0.173
ENSG0000051070	NOSIP	nitric oxide	ENSG000001575207	0.237643	1.374301	0.172919
ENSG0000029107	NXT1	nuclear tra	ENSG000004892001	0.400626	2.318178	0.172819
ENSG00000205564	SENP5	SUMO spei	ENSG000005632483	-0.14425	0.837031	-0.17234
ENSG00000440515	ZNF506	zinc finger	ENSG000003588779	-0.17024	0.988171	-0.17228
ENSG000003075	CFH	compleme	ENSG00000153919	0.133273	0.773594	0.172277

ENSG0000I	ENSG0000I	285512	FAM13A-A	FAM13A ar	ENSG0000I	9.022593	-0.30798	1.78785	-0.17226
ENSG0000I	ENSG0000I	57763	ANKRA2	ankyrin re	ENSG0000I	9.022593	-0.30798	1.78785	-0.17226
ENSG0000I	ENSG0000I	54677	CROT	carnitine O	ENSG0000I	9.022593	-0.30798	1.78785	-0.17226
ENSG0000I	ENSG0000I	653319	KIAA0895L	KIAA0895 l	ENSG0000I	9.022593	-0.30798	1.78785	-0.17226
ENSG0000I	ENSG0000I	91603	ZNF830	zinc finger	ENSG0000I	9.022593	-0.30798	1.78785	-0.17226
ENSG0000I	ENSG0000I	54438	GFOD1	glucose-fru	ENSG0000I	142.1629	0.121275	0.705173	0.171979
ENSG0000I	ENSG0000I	101927084	LINC01359	long interg	ENSG0000I	11.14687	-0.28891	1.681087	-0.17186
ENSG0000I	ENSG0000I	27183	VPS4A	vacuolar pi	ENSG0000I	46.09814	-0.15464	0.899985	-0.17182
ENSG0000I	ENSG0000I	9924	PAN2	poly(A) spe	ENSG0000I	44.08699	-0.16052	0.934353	-0.1718
ENSG0000I	ENSG0000I	92579	G6PC3	glucose-6- \uparrow	ENSG0000I	15.79104	0.235373	1.370309	0.171766
ENSG0000I	ENSG0000I	51426	POLK	DNA polyr	ENSG0000I	46.15346	-0.155	0.902683	-0.17171
ENSG0000I	ENSG0000I	22876	INPP5F	inositol pol	ENSG0000I	13.2259	-0.2645	1.541715	-0.17156
ENSG0000I	ENSG0000I	5792	PTPRF	protein tyr	ENSG0000I	12.03148	0.273888	1.596805	0.171522
ENSG0000I	ENSG0000I	6184	RPN1	ribophorin	ENSG0000I	118.1512	0.117665	0.686228	0.171466
ENSG0000I	ENSG0000I	23431	AP4E1	adaptor rel	ENSG0000I	27.71122	-0.18802	1.097125	-0.17138
ENSG0000I	ENSG0000I	57591	MRTFA	myocardin	ENSG0000I	30.57912	0.179249	1.046438	0.171294
ENSG0000I	ENSG0000I	54985	HCFC1R1	host cell fa	ENSG0000I	17.36133	-0.22885	1.337157	-0.17115
ENSG0000I	ENSG0000I	6811	STX5	syntaxin 5	ENSG0000I	21.26633	0.208228	1.217625	0.171011
ENSG0000I	ENSG00000228327				ENSG0000I	2.555464	-0.55031	3.219487	-0.17093
ENSG0000I	ENSG00000232034				ENSG0000I	2.555464	-0.55031	3.219487	-0.17093
ENSG0000I	ENSG0000I	57415	C3orf14	chromosor	ENSG0000I	2.555464	-0.55031	3.219487	-0.17093
ENSG0000I	ENSG0000I	646652	LOC646652	integral m ϵ	ENSG0000I	2.555464	-0.55031	3.219487	-0.17093
ENSG0000I	ENSG0000I	100506674	MRPS30-D	MRPS30 di	ENSG0000I	2.555464	-0.55031	3.219487	-0.17093
ENSG0000I	ENSG0000I	100129654	TCF24	transcriptic	ENSG0000I	2.555464	-0.55031	3.219487	-0.17093
ENSG0000I	ENSG00000270589				ENSG0000I	2.555464	-0.55031	3.219487	-0.17093
ENSG0000I	ENSG0000I	23491	CES3	carboxyles	ENSG0000I	2.555464	-0.55031	3.219487	-0.17093
ENSG0000I	ENSG0000I	7732	RNF112	ring finger	ENSG0000I	2.555464	-0.55031	3.219487	-0.17093
ENSG0000I	ENSG00000267390				ENSG0000I	2.555464	-0.55031	3.219487	-0.17093
ENSG0000I	ENSG0000I	5143	PDE4C	phosphodi	ENSG0000I	2.555464	-0.55031	3.219487	-0.17093
ENSG0000I	ENSG00000270012				ENSG0000I	2.555464	-0.55031	3.219487	-0.17093
ENSG0000I	ENSG0000I	152503	SH3D19	SH3 domai	ENSG0000I	259.3338	-0.09892	0.579508	-0.17069
ENSG0000I	ENSG0000I	51256	TBC1D7	TBC1 dom ϵ	ENSG0000I	13.94206	0.247307	1.449048	0.170669
ENSG0000I	ENSG0000I	112398	EGLN2	egl-9 famil	ENSG0000I	13.94206	0.247307	1.449048	0.170669
ENSG0000I	ENSG0000I	55191	NADSYN1	NAD synth	ENSG0000I	30.56278	0.177782	1.042692	0.170503
ENSG0000I	ENSG0000I	80209	PROSER1	proline anc	ENSG0000I	30.5238	0.179189	1.051423	0.170425
ENSG0000I	ENSG0000I	10168	ZNF197	zinc finger	ENSG0000I	31.77498	-0.17956	1.053922	-0.17037
ENSG0000I	ENSG0000I	25953	PNKD	PNKD, MBI	ENSG0000I	28.73014	0.181783	1.067429	0.1703
ENSG0000I	ENSG0000I	11326	VSIG4	V-set and i	ENSG0000I	74.29116	0.427942	2.51631	0.170067
ENSG0000I	ENSG0000I	340252	ZNF680	zinc finger	ENSG0000I	50.22729	-0.14958	0.879561	-0.17006
ENSG0000I	ENSG0000I	26151	NAT9	N-acetyltra	ENSG0000I	13.24852	-0.26985	1.587505	-0.16998
ENSG0000I	ENSG0000I	8291	DYSF	dysferlin	ENSG0000I	176.1724	0.110832	0.652062	0.169971
ENSG0000I	ENSG0000I	1503	CTPS1	CTP syntha	ENSG0000I	13.21962	-0.2554	1.505369	-0.16966
ENSG0000I	ENSG0000I	90693	CCDC126	coiled-coil	ENSG0000I	13.21962	-0.2554	1.505369	-0.16966
ENSG0000I	ENSG0000I	55558	PLXNA3	plexin A3	ENSG0000I	17.58471	0.224826	1.326041	0.169547
ENSG0000I	ENSG0000I	7596	ZNF45	zinc finger	ENSG0000I	23.17691	0.19739	1.164261	0.169541
ENSG0000I	ENSG0000I	56605	ERO1B	endoplasm	ENSG0000I	17.37768	-0.22642	1.335593	-0.16953
ENSG0000I	ENSG0000I	400258	C14orf180	chromosor	ENSG0000I	21.48041	-0.20875	1.23154	-0.16951

ENSG000001497661	C18orf32	chromosom	ENSG000001497661	4.930973	0.394877	2.330089	0.169469
ENSG00000154943	DNAJC28	DnaJ heat s	ENSG00000154943	4.930973	0.394877	2.330089	0.169469
ENSG00000111198	SUPT16H	SPT16 hom	ENSG00000111198	92.1989	0.12118	0.715105	0.169457
ENSG00000180314	EPC1	enhancer c	ENSG00000180314	45.27919	0.15834	0.934475	0.169442
ENSG00000179868	ALG13	ALG13, UD	ENSG00000179868	33.82511	-0.17136	1.011478	-0.16941
ENSG000001284106	CISD3	CDGSH iro	ENSG000001284106	19.41773	-0.21468	1.267796	-0.16933
ENSG00000163917	GALNT11	polypeptid	ENSG00000163917	29.72865	-0.18036	1.065166	-0.16933
ENSG00000154813	KLHL28	kelch like f	ENSG00000154813	29.72865	-0.18036	1.065166	-0.16933
ENSG0000017109	TRAPPC10	trafficking	ENSG0000017109	47.32931	0.149819	0.885169	0.169255
ENSG0000011802	DPH2	DPH2 hom	ENSG0000011802	15.29865	-0.23891	1.411559	-0.16925
ENSG000001611	OPN1SW	opsin 1, sh	ENSG000001611	6.881966	-0.34482	2.039633	-0.16906
ENSG000001220164	DOK6	docking pr	ENSG000001220164	6.881966	-0.34482	2.039633	-0.16906
ENSG0000013066	HDAC2	histone de	ENSG0000013066	41.75346	0.15629	0.925195	0.168927
ENSG0000011173	AP2M1	adaptor rel	ENSG0000011173	169.0744	0.106016	0.62778	0.168874
ENSG000001116115	ZNF526	zinc finger	ENSG000001116115	6.904592	-0.35561	2.109052	-0.16861
ENSG00000181876	RAB1B	RAB1B, me	ENSG00000181876	39.939	-0.15983	0.948001	-0.1686
ENSG00000150488	MINK1	misshapen	ENSG00000150488	64.15745	0.134442	0.79768	0.168542
ENSG000001112840	WDR89	WD repeat	ENSG000001112840	8.411453	0.320984	1.910092	0.168046
ENSG00000160674	GAS5	growth arr	ENSG00000160674	19.45632	0.212425	1.264456	0.167997
ENSG00000192105	INTS4	integrator	ENSG00000192105	19.40139	-0.21668	1.290106	-0.16796
ENSG00000157017	COQ9	coenzyme	ENSG00000157017	127.8664	-0.11844	0.705322	-0.16792
ENSG000001285346	ZNF852	zinc finger	ENSG000001285346	6.702012	0.337349	2.009213	0.167901
ENSG000001439950	CELF2-AS2	CELF2 anti	ENSG000001439950	6.702012	0.337349	2.009213	0.167901
ENSG00000111158	RABL2B	RAB, meml	ENSG00000111158	6.702012	0.337349	2.009213	0.167901
ENSG0000015581	PRKCE	protein kin	ENSG0000015581	31.78505	-0.17504	1.044052	-0.16766
ENSG00000157403	RAB22A	RAB22A, m	ENSG00000157403	43.98014	-0.15448	0.921848	-0.16758
ENSG00000125884	CHRD12	chordin lik	ENSG00000125884	4.757688	-0.40582	2.421974	-0.16756
ENSG00000110284	SAP18	Sin3A asso	ENSG00000110284	81.00821	0.124497	0.743303	0.167492
ENSG00000154663	WDR74	WD repeat	ENSG00000154663	8.999967	-0.29899	1.78585	-0.16742
ENSG00000129090	TIMM21	translocase	ENSG00000129090	47.16466	0.163435	0.976633	0.167345
ENSG0000016683	SPAST	spastin	ENSG0000016683	23.51419	-0.1956	1.169247	-0.16729
ENSG0000011662	DDX10	DEAD-box	ENSG0000011662	23.51419	-0.1956	1.169247	-0.16729
ENSG000001138151	NACC2	NACC fami	ENSG000001138151	67.88432	0.131766	0.7881	0.167194
ENSG00000155659	ZNF416	zinc finger	ENSG00000155659	4.74134	-0.41539	2.487798	-0.16697
ENSG0000018603	FAM193A	family with	ENSG0000018603	51.05618	0.145051	0.869009	0.166915
ENSG0000019054	NFS1	NFS1, cyste	ENSG0000019054	21.47414	-0.20328	1.218212	-0.16686
ENSG00000194005	PIGS	phosphatic	ENSG00000194005	35.80357	-0.16476	0.987459	-0.16685
ENSG0000016598	SMARCB1	SWI/SNF r	ENSG0000016598	25.55425	-0.18913	1.133968	-0.16678
ENSG000001929	CD14	CD14 mole	ENSG000001929	20.90302	0.241922	1.450556	0.166779
ENSG000001100127983	C8orf88	chromosom	ENSG000001100127983	8.512024	0.300658	1.803604	0.166698
ENSG00000157558	USP35	ubiquitin s	ENSG00000157558	8.512024	0.300658	1.803604	0.166698
ENSG00000192154	MTSS1L	MTSS1L, I-f	ENSG00000192154	19.37876	-0.2127	1.276128	-0.16668
ENSG0000018844	KSR1	kinase sup	ENSG0000018844	12.09307	0.262981	1.578778	0.166573
ENSG000001221178	SPATA13	spermatog	ENSG000001221178	31.70711	-0.17236	1.03545	-0.16646
ENSG000001790	CAD	carbamoyl	ENSG000001790	21.3669	0.200349	1.204179	0.166378
ENSG00000128960	DCPS	decapping	ENSG00000128960	8.528371	0.308099	1.852103	0.166351
ENSG0000019786	KIAA0586	KIAA0586	ENSG0000019786	32.49598	0.169002	1.016933	0.166188

ENSG00000553115	PEF1	penta-EF-h	ENSG0000028.79174	0.177309	1.067249	0.166137
ENSG000007093	TLL2	tolloid like	ENSG0000010.23153	0.311501	1.875217	0.166114
ENSG0000090411	MCFD2	multiple cc	ENSG00000135.5149	0.107382	0.647299	0.165892
ENSG000009968	MED12	mediator c	ENSG0000052.08883	-0.1431	0.8636	-0.1657
ENSG0000100507557	LOC100507	uncharacte	ENSG000006.740985	0.332877	2.011555	0.165482
ENSG0000029127	RACGAP1	Rac GTPase	ENSG000006.740985	0.332877	2.011555	0.165482
ENSG00000124402	UBALD1	UBA like d	ENSG000004.718715	-0.39919	2.412474	-0.16547
ENSG0000084245	MRI1	methylthio	ENSG000004.718715	-0.39919	2.412474	-0.16547
ENSG0000010178	TENM1	teneurin tr	ENSG000004.718715	-0.39919	2.412474	-0.16547
ENSG000007597	ZBTB25	zinc finger	ENSG0000039.8774	-0.15682	0.947936	-0.16543
ENSG00000259959			ENSG0000011.21854	-0.28583	1.732212	-0.16501
ENSG00000219771	CCNY	cyclin Y	ENSG0000093.02831	-0.12334	0.747901	-0.16492
ENSG0000010592	SMC2	structural r	ENSG0000023.47522	-0.19391	1.175946	-0.1649
ENSG000005439	POLR2J	RNA polym	ENSG0000014.00366	0.23807	1.443751	0.164897
ENSG00000284207	METRNL	meteorin li	ENSG0000014.00366	0.23807	1.443751	0.164897
ENSG000004958	OMD	osteomod	ENSG0000014.02	0.242129	1.468489	0.164883
ENSG0000010523	CHERP	calcium ho	ENSG000006.859341	-0.33313	2.021363	-0.16481
ENSG0000051466	EVL	Enah/Vasp	ENSG0000033.72454	-0.16656	1.01078	-0.16478
ENSG000009444	QKI	QKI, KH do	ENSG00000719.9424	0.085247	0.517755	0.164647
ENSG0000029078	NDUFAF4	NADH:ubic	ENSG0000028.78546	0.181637	1.104084	0.164514
ENSG0000023647	ARFIP2	ADP ribosy	ENSG0000015.2207	-0.23406	1.423326	-0.16445
ENSG000003601	IL15RA	interleukin	ENSG0000015.26595	-0.24375	1.484222	-0.16423
ENSG0000060468	BACH2	BTB domai	ENSG000008.960995	-0.29522	1.798415	-0.16416
ENSG000009474	ATG5	autophagy	ENSG0000011.06265	-0.27172	1.655331	-0.16415
ENSG0000011334	TUSC2	tumor sup	ENSG0000026.94275	0.179822	1.096308	0.164025
ENSG000009360	PPIG	peptidylpr	ENSG0000084.60155	-0.12089	0.737117	-0.16401
ENSG000009854	C2CD2L	C2CD2 like	ENSG0000015.23705	-0.23124	1.410976	-0.16389
ENSG0000023247	KIAA0556	KIAA0556	ENSG0000023.25485	0.193887	1.183874	0.163774
ENSG0000055103	RALGPS2	Ral GEF wit	ENSG0000027.58803	-0.17941	1.096048	-0.16368
ENSG0000051593	SRRT	serrate, RN	ENSG0000037.78203	-0.15883	0.97153	-0.16348
ENSG0000010939	AFG3L2	AFG3 like r	ENSG00000176.9204	0.100497	0.615052	0.163397
ENSG0000022890	ZBTB1	zinc finger	ENSG0000045.5809	0.146477	0.896544	0.163379
ENSG000009790	BMS1	BMS1, ribo	ENSG0000070.45692	-0.12892	0.789377	-0.16332
ENSG0000023240	TMEM131	transmem	ENSG0000029.61173	-0.17611	1.078376	-0.16331
ENSG0000083604	TMEM47	transmem	ENSG0000068.32257	-0.12821	0.785415	-0.16324
ENSG0000011164	NUDT5	nudix hydr	ENSG0000017.27711	-0.2175	1.334074	-0.16303
ENSG0000090317	ZNF616	zinc finger	ENSG0000014.04263	0.235577	1.445942	0.162923
ENSG0000023125	CAMTA2	calmodulin	ENSG0000039.85478	-0.15491	0.950848	-0.16292
ENSG000001021	CDK6	cyclin depe	ENSG0000083.0807	-0.13224	0.811945	-0.16286
ENSG000009859	CEP170	centrosom	ENSG0000064.31962	0.129629	0.796139	0.162822
ENSG000002625	GATA3	GATA bind	ENSG000004.953599	0.373801	2.296996	0.162735
ENSG0000084318	CCDC77	coiled-coil	ENSG000004.953599	0.373801	2.296996	0.162735
ENSG0000105370526	LOC105370	uncharacte	ENSG000004.953599	0.373801	2.296996	0.162735
ENSG0000092922	CCDC102A	coiled-coil	ENSG000004.953599	0.373801	2.296996	0.162735
ENSG000006670	SP3	Sp3 transcr	ENSG0000086.65194	0.120508	0.740603	0.162716
ENSG00000345557	PLCXD3	phosphatic	ENSG00000254.4743	-0.09355	0.57509	-0.16266
ENSG000009826	ARHGEF11	Rho guanir	ENSG00000100.741	-0.11366	0.69897	-0.16261

ENSG0000I	ENSG0000I	23659	PLA2G15	phospholip	ENSG0000I	21.45151	-0.19963	1.22887	-0.16245
ENSG0000I	ENSG0000I	57721	METTL14	methyltran	ENSG0000I	32.55758	0.165052	1.016173	0.162425
ENSG0000I	ENSG0000I	91252	SLC39A13	solute carr	ENSG0000I	21.41254	-0.19776	1.217649	-0.16241
ENSG0000I	ENSG0000I	3475	IFRD1	interferon	ENSG0000I	41.75974	0.153508	0.945195	0.162409
ENSG0000I	ENSG0000I	55069	TMEM248	transmeml	ENSG0000I	78.416	-0.1226	0.75498	-0.16239
ENSG0000I	ENSG0000I	83746	L3MBTL2	L3MBTL2, p	ENSG0000I	21.38952	0.196144	1.208487	0.162305
ENSG0000I	ENSG0000I	59338	PLEKHA1	pleckstrin l	ENSG0000I	122.3106	0.112606	0.694571	0.162123
ENSG0000I	ENSG0000I	84918	LRP11	LDL recept	ENSG0000I	15.19808	-0.22885	1.411698	-0.16211
ENSG0000I	ENSG0000I	9328	GTF3C5	general tra	ENSG0000I	25.54797	-0.18458	1.139481	-0.16199
ENSG0000I	ENSG0000I	162394	SLFN5	schlafen fa	ENSG0000I	97.92685	0.115805	0.715425	0.161868
ENSG0000I	ENSG0000I	55636	CHD7	chromodor	ENSG0000I	96.68351	-0.11453	0.708646	-0.16162
ENSG0000I	ENSG0000I	6257	RXRΒ	retinoid X r	ENSG0000I	38.17241	0.154536	0.957151	0.161455
ENSG0000I	ENSG0000I	5935	RBM3	RNA bindir	ENSG0000I	88.30606	0.124194	0.769714	0.161351
ENSG0000I	ENSG0000I	23705	CADM1	cell adhesi	ENSG0000I	52.47856	-0.15318	0.949736	-0.16128
ENSG0000I	ENSG0000I	729515	TMEM242	transmeml	ENSG0000I	15.89161	0.224744	1.393601	0.161269
ENSG0000I	ENSG0000I	3008	HIST1H1E	histone clu	ENSG0000I	53.07741	0.141499	0.878334	0.161099
ENSG0000I	ENSG0000I	54878	DPP8	dipeptidyl	ENSG0000I	99.89903	0.113461	0.70462	0.161024
ENSG0000I	ENSG00000I	185031			ENSG0000I	3.205185	0.450116	2.800527	0.160726
ENSG0000I	ENSG0000I	389289	ANXA2R	annexin A2	ENSG0000I	3.205185	0.450116	2.800527	0.160726
ENSG0000I	ENSG0000I	26167	PCDHB5	protocadhe	ENSG0000I	3.205185	0.450116	2.800527	0.160726
ENSG0000I	ENSG0000I	101927096	CLMAT3	colorectal l	ENSG0000I	3.205185	0.450116	2.800527	0.160726
ENSG0000I	ENSG0000I	80346	REEP4	receptor ac	ENSG0000I	3.205185	0.450116	2.800527	0.160726
ENSG0000I	ENSG0000I	5896	RAG1	recombina	ENSG0000I	3.205185	0.450116	2.800527	0.160726
ENSG0000I	ENSG0000I	146336	SSTR5-AS1	SSTR5 anti	ENSG0000I	3.205185	0.450116	2.800527	0.160726
ENSG0000I	ENSG0000I	2622	GAS8	growth arr	ENSG0000I	3.205185	0.450116	2.800527	0.160726
ENSG0000I	ENSG00000I	266208			ENSG0000I	3.205185	0.450116	2.800527	0.160726
ENSG0000I	ENSG0000I	90075	ZNF30	zinc finger	ENSG0000I	3.205185	0.450116	2.800527	0.160726
ENSG0000I	ENSG0000I	60437	CDH26	cadherin 2	ENSG0000I	3.205185	0.450116	2.800527	0.160726
ENSG0000I	ENSG0000I	3053	SERPIND1	serpin fam	ENSG0000I	3.205185	0.450116	2.800527	0.160726
ENSG0000I	ENSG0000I	55086	RADX	RPA1 relat	ENSG0000I	3.205185	0.450116	2.800527	0.160726
ENSG0000I	ENSG0000I	152006	RNF38	ring finger	ENSG0000I	62.31474	0.132845	0.827895	0.160461
ENSG0000I	ENSG0000I	83539	CHST9	carbohydr	ENSG0000I	13.45974	-0.2852	1.778548	-0.16036
ENSG0000I	ENSG0000I	23420	NOMO1	NODAL mo	ENSG0000I	62.50961	0.128673	0.803677	0.160106
ENSG0000I	ENSG0000I	26005	C2CD3	C2 calcium	ENSG0000I	39.83215	-0.15302	0.956293	-0.16001
ENSG0000I	ENSG0000I	84922	FIZ1	FLT3 intera	ENSG0000I	8.93837	-0.28618	1.789007	-0.15997
ENSG0000I	ENSG0000I	79002	TRIR	telomeras	ENSG0000I	32.58021	0.162413	1.017695	0.159589
ENSG0000I	ENSG0000I	153396	TMEM161	transmeml	ENSG0000I	17.25448	-0.21285	1.334805	-0.15946
ENSG0000I	ENSG0000I	56902	PNO1	partner of	ENSG0000I	6.76361	0.317954	1.995551	0.159331
ENSG0000I	ENSG00000I	230733			ENSG0000I	6.76361	0.317954	1.995551	0.159331
ENSG0000I	ENSG0000I	729013	ZBED5-AS1	ZBED5 anti	ENSG0000I	6.76361	0.317954	1.995551	0.159331
ENSG0000I	ENSG0000I	9479	MAPK8IP1	mitogen-ac	ENSG0000I	6.76361	0.317954	1.995551	0.159331
ENSG0000I	ENSG0000I	55646	LYAR	Ly1 antibo	ENSG0000I	8.573621	0.285459	1.793698	0.159145
ENSG0000I	ENSG0000I	79023	NUP37	nucleopori	ENSG0000I	8.573621	0.285459	1.793698	0.159145
ENSG0000I	ENSG0000I	51367	POP5	POP5 hom	ENSG0000I	14.06525	0.228895	1.439863	0.15897
ENSG0000I	ENSG0000I	94015	TTYH2	tweety far	ENSG0000I	36.07638	-0.17465	1.098659	-0.15897
ENSG0000I	ENSG0000I	22918	CD93	CD93 mole	ENSG0000I	190.3158	0.095287	0.601055	0.158533
ENSG0000I	ENSG0000I	54753	ZNF853	zinc finger	ENSG0000I	11.05637	-0.26051	1.644522	-0.15841

ENSG00000184376	HOOK3	hook micrc	ENSG000001133.935	0.102649	0.648011	0.158406
ENSG0000019870	AREL1	apoptosis r	ENSG00000156.93375	0.13137	0.829972	0.158282
ENSG0000010261167			ENSG0000014.69609	-0.38192	2.419897	-0.15783
ENSG00000179667	KLF3-AS1	KLF3 antise	ENSG0000014.69609	-0.38192	2.419897	-0.15783
ENSG0000010223508			ENSG0000014.69609	-0.38192	2.419897	-0.15783
ENSG00000179697	RIOX1	ribosomal r	ENSG0000014.69609	-0.38192	2.419897	-0.15783
ENSG0000013682	ITGAE	integrin su	ENSG0000014.69609	-0.38192	2.419897	-0.15783
ENSG0000010232043			ENSG0000014.69609	-0.38192	2.419897	-0.15783
ENSG00000151337	THEM6	thioesteras	ENSG00000110.42261	0.261021	1.653921	0.15782
ENSG00000190701	SEC11C	SEC11 hom	ENSG00000110.42261	0.261021	1.653921	0.15782
ENSG000001604	BCL6	B cell CLL/I	ENSG000001144.3625	0.111303	0.705713	0.157717
ENSG00000157552	NCEH1	neutral chc	ENSG00000184.37779	-0.11589	0.734968	-0.15767
ENSG00000123039	XPO7	exportin 7	ENSG00000178.28652	-0.11832	0.751674	-0.15741
ENSG00000110873	ME3	malic enzy	ENSG00000131.60026	-0.16368	1.040171	-0.15736
ENSG0000018027	STAM	signal tran	ENSG00000145.7041	0.140839	0.895026	0.157358
ENSG00000180045	GPR157	G protein-c	ENSG00000129.66078	-0.17276	1.098743	-0.15723
ENSG0000019936	CD302	CD302 mol	ENSG00000115.20436	-0.23589	1.502078	-0.15704
ENSG000001663	BNIP2	BCL2 inter	ENSG000001160.3223	0.09826	0.627116	0.156686
ENSG000001338657	CCDC84	coiled-coil	ENSG00000119.27819	-0.20441	1.305854	-0.15653
ENSG00000111124	FAF1	Fas associa	ENSG00000175.73407	0.118918	0.760084	0.156454
ENSG0000011027	CDKN1B	cyclin depe	ENSG00000160.68325	0.127178	0.813299	0.156373
ENSG0000018192	CLPP	caseinolyti	ENSG00000114.10423	0.226384	1.447926	0.15635
ENSG00000179885	HDAC11	histone de	ENSG00000136.20402	0.16916	1.082736	0.156234
ENSG00000155811	ADCY10	adenylate r	ENSG0000012.493866	-0.50713	3.24902	-0.15609
ENSG0000010231615			ENSG0000012.493866	-0.50713	3.24902	-0.15609
ENSG00000189884	LHX4	LIM homec	ENSG0000012.493866	-0.50713	3.24902	-0.15609
ENSG0000010223401			ENSG0000012.493866	-0.50713	3.24902	-0.15609
ENSG000001100129583	FAM47E	family with	ENSG0000012.493866	-0.50713	3.24902	-0.15609
ENSG0000010270387			ENSG0000012.493866	-0.50713	3.24902	-0.15609
ENSG000001648987	LOC648987	uncharacte	ENSG0000012.493866	-0.50713	3.24902	-0.15609
ENSG000001100874372	ARHGAP26	ARHGAP26	ENSG0000012.493866	-0.50713	3.24902	-0.15609
ENSG0000010272341			ENSG0000012.493866	-0.50713	3.24902	-0.15609
ENSG0000010230333			ENSG0000012.493866	-0.50713	3.24902	-0.15609
ENSG0000019134	CCNE2	cyclin E2	ENSG0000012.493866	-0.50713	3.24902	-0.15609
ENSG0000010215548			ENSG0000012.493866	-0.50713	3.24902	-0.15609
ENSG000001389941	C1QL3	compleme	ENSG0000012.493866	-0.50713	3.24902	-0.15609
ENSG0000011305	COL13A1	collagen ty	ENSG0000012.493866	-0.50713	3.24902	-0.15609
ENSG00000110360	NPM3	nucleopho	ENSG0000012.493866	-0.50713	3.24902	-0.15609
ENSG0000010271500			ENSG0000012.493866	-0.50713	3.24902	-0.15609
ENSG00000183461	CDCA3	cell divisio	ENSG0000012.493866	-0.50713	3.24902	-0.15609
ENSG0000010247287			ENSG0000012.493866	-0.50713	3.24902	-0.15609
ENSG00000126153	KIF26A	kinesin fan	ENSG0000012.493866	-0.50713	3.24902	-0.15609
ENSG000001101928527	PIGBOS1	PIGB oppo	ENSG0000012.493866	-0.50713	3.24902	-0.15609
ENSG0000010261630			ENSG0000012.493866	-0.50713	3.24902	-0.15609
ENSG0000014157	MC1R	melanocor	ENSG0000012.493866	-0.50713	3.24902	-0.15609
ENSG00000179414	LRFN3	leucine ric	ENSG0000012.493866	-0.50713	3.24902	-0.15609
ENSG0000010276317			ENSG0000012.493866	-0.50713	3.24902	-0.15609

ENSG00000153349	ZFYVE1	zinc finger	ENSG0000012340734	-0.18382	1.178208	-0.15602
ENSG00000110388	SYCP2	synaptonemal	ENSG0000018612594	0.281731	1.806086	0.15599
ENSG0000010242687			ENSG0000016797743	-0.31647	2.030481	-0.15586
ENSG00000157474	ZNF490	zinc finger	ENSG0000016797743	-0.31647	2.030481	-0.15586
ENSG00000179056	PRRG4	proline rich	ENSG0000014914626	0.381179	2.447392	0.155749
ENSG00000179269	DCAF10	DDB1 and	ENSG00000133585	-0.16037	1.03025	-0.15566
ENSG0000017205	TRIP6	thyroid hor	ENSG0000016802583	0.313394	2.017939	0.155304
ENSG0000010281490			ENSG000001177695	0.202936	1.306981	0.155271
ENSG00000184132	USP42	ubiquitin s	ENSG0000012335202	-0.18377	1.184091	-0.1552
ENSG000001140459	ASB6	ankyrin re	ENSG0000011305745	-0.23496	1.514267	-0.15517
ENSG0000019040	UBE2M	ubiquitin c	ENSG0000013152232	-0.16102	1.039773	-0.15486
ENSG0000016059	ABCE1	ATP bindin	ENSG000001476373	0.13626	0.881901	0.154507
ENSG000001377007	KLHL30	kelch like f	ENSG0000012156843	-0.20667	1.337884	-0.15448
ENSG00000110844	TUBGCP2	tubulin gar	ENSG000001382956	0.147808	0.958046	0.15428
ENSG00000110270	AKAP8	A-kinase ar	ENSG0000013419535	0.170118	1.102671	0.154278
ENSG0000011842	ECM2	extracellul	ENSG0000012542477	-0.17521	1.136373	-0.15419
ENSG000001688	KLF5	Kruppel lik	ENSG0000014657117	-0.37524	2.437289	-0.15396
ENSG00000151339	DACT1	dishevellec	ENSG0000014657117	-0.37524	2.437289	-0.15396
ENSG00000155033	FKBP14	FK506 bind	ENSG0000011923294	-0.1964	1.275877	-0.15393
ENSG0000014300	MLLT3	MLLT3, sup	ENSG0000012132832	-0.18851	1.224699	-0.15392
ENSG00000122911	WDR47	WD repeat	ENSG0000012710492	0.168817	1.096771	0.153922
ENSG000001388536	ZNF790	zinc finger	ENSG0000011515283	-0.21825	1.422341	-0.15345
ENSG00000125855	BRMS1	BRMS1, tra	ENSG0000011044523	0.25181	1.64139	0.153413
ENSG0000019061	PAPSS1	3'-phosphc	ENSG0000011408788	0.222297	1.449435	0.153368
ENSG00000123299	BICD2	BICD cargo	ENSG0000016267178	0.123733	0.807052	0.153315
ENSG00000192181	UBTD2	ubiquitin d	ENSG0000012128934	-0.18668	1.218446	-0.15321
ENSG00000179888	LPCAT1	lysophosph	ENSG0000012147375	0.186031	1.214775	0.15314
ENSG00000123423	TMED3	transmeml	ENSG0000012147375	0.186031	1.214775	0.15314
ENSG000001578	BAK1	BCL2 antag	ENSG0000011229421	0.235848	1.540824	0.153066
ENSG00000128986	MAGEH1	MAGE fam	ENSG0000011229421	0.235848	1.540824	0.153066
ENSG0000012908	NR3C1	nuclear rec	ENSG0000011153132	0.103567	0.677072	0.152963
ENSG00000164421	DCLRE1C	DNA cross-	ENSG0000011040626	0.255109	1.667804	0.152961
ENSG00000129919	RMC1	regulator c	ENSG0000011412685	0.219778	1.43733	0.152907
ENSG000001144571	A2M-AS1	A2M antis	ENSG0000016875689	-0.32732	2.141013	-0.15288
ENSG0000019842	PLEKHM1	pleckstrin l	ENSG0000014180433	-0.14578	0.953631	-0.15287
ENSG00000123232	TBC1D12	TBC1 dom	ENSG0000011968008	0.190769	1.248293	0.152824
ENSG000001285362	SUMF1	sulfatase n	ENSG0000012334535	0.178723	1.169565	0.152812
ENSG00000110452	TOMM40	translocas	ENSG0000012334535	0.178723	1.169565	0.152812
ENSG00000155802	DCP1A	decapping	ENSG0000015705695	0.126841	0.830808	0.152671
ENSG00000157531	HACE1	HECT dom	ENSG0000013079282	0.159626	1.046612	0.152516
ENSG0000011371	CPOX	coproporpl	ENSG000001130738	-0.23153	1.51818	-0.1525
ENSG00000151409	HEMK1	HemK met	ENSG0000012340068	0.179078	1.174421	0.152482
ENSG00000179073	TMEM109	transmeml	ENSG0000016263908	0.122836	0.806007	0.152401
ENSG0000014324	MMP15	matrix met	ENSG0000013175615	-0.16991	1.114907	-0.1524
ENSG00000154882	ANKHD1	ankyrin re	ENSG0000018876772	-0.27327	1.794322	-0.1523
ENSG0000018175	SF3A2	splicing fac	ENSG0000018876772	-0.27327	1.794322	-0.1523
ENSG000001124512	METTL23	methyltrar	ENSG0000015015196	0.347472	2.284079	0.152128

ENSG00000179898	ZNF613	zinc finger	ENSG0000015015196	0.347472	2.284079	0.152128
ENSG000001840	CASP7	caspase 7	ENSG000001924929	-0.19423	1.27886	-0.15188
ENSG0000019230	RAB11B	RAB11B, m	ENSG0000012334575	-0.17873	1.176927	-0.15186
ENSG000001408050	NOMO3	NODAL mo	ENSG0000011303483	-0.22877	1.508046	-0.1517
ENSG0000011499	CTNNB1	catenin be	ENSG0000012642513	0.085818	0.565751	0.151689
ENSG00000157148	RALGAPB	Ral GTPase	ENSG0000011185999	-0.10186	0.671893	-0.1516
ENSG000001131408	FAM131A	family with	ENSG0000012338472	-0.18051	1.190701	-0.1516
ENSG000001285148	IAH1	isoamyl ac	ENSG0000012712755	0.165593	1.092599	0.151559
ENSG00000179035	NABP2	nucleic aci	ENSG000001109558	-0.24673	1.630276	-0.15134
ENSG00000153832	IL20RA	interleukin	ENSG0000018635219	0.270424	1.786972	0.151331
ENSG000001159686	CFAP58	cilia and fl	ENSG0000018635219	0.270424	1.786972	0.151331
ENSG00000181628	TSC22D4	TSC22 dom	ENSG0000012945963	-0.16157	1.067776	-0.15132
ENSG000001144402	CPNE8	copine 8	ENSG0000013356865	-0.161	1.064789	-0.1512
ENSG00000154758	KLHDC4	kelch dom	ENSG0000011404891	0.225223	1.489648	0.151192
ENSG00000156181	MTFR1L	mitochond	ENSG000001889975	0.111282	0.736287	0.15114
ENSG000001161176	SYNE3	spectrin re	ENSG0000019254206	0.111475	0.737717	0.151108
ENSG00000189853	MVB12B	multivesic	ENSG0000012125037	-0.18486	1.223643	-0.15107
ENSG00000181790	RNF170	ring finger	ENSG0000011599846	0.205227	1.3628	0.150592
ENSG000001222584	FAM83B	family with	ENSG000001318256	0.48026	3.189348	0.150583
ENSG000001100033413	SNORD116	small nucle	ENSG000001318256	0.48026	3.189348	0.150583
ENSG0000016521	SLC4A1	solute carr	ENSG000001318256	0.48026	3.189348	0.150583
ENSG000001152217	NCBP2-AS2	NCBP2 ant	ENSG0000016825208	0.298822	1.986666	0.150414
ENSG00000126272	FBXO4	F-box prote	ENSG0000016825208	0.298822	1.986666	0.150414
ENSG000001203102	ADAM32	ADAM met	ENSG0000016825208	0.298822	1.986666	0.150414
ENSG00000123144	ZC3H3	zinc finger	ENSG0000016825208	0.298822	1.986666	0.150414
ENSG00000179830	ZMYM1	zinc finger	ENSG000001178311	0.195732	1.30266	0.150255
ENSG00000110682	EBP	EBP, chole	ENSG0000011919397	-0.19432	1.293336	-0.15024
ENSG00000126058	GIGYF2	GRB10 inte	ENSG0000011447096	-0.09586	0.638047	-0.15024
ENSG0000017384	UQCRC1	ubiquinol-c	ENSG0000014015376	0.083862	0.558385	0.150187
ENSG00000127235	COQ2	coenzyme	ENSG0000011717026	-0.20135	1.342963	-0.14993
ENSG00000160526	LDAH	lipid dropl	ENSG000001104842	0.248575	1.658139	0.149912
ENSG00000184464	SLX4	SLX4 struct	ENSG000001104842	0.248575	1.658139	0.149912
ENSG00000151257	MARCH2	membrane	ENSG0000015711855	0.12458	0.831424	0.149839
ENSG00000155893	ZNF395	zinc finger	ENSG0000014563243	0.140672	0.938836	0.149837
ENSG00000181488	POLR2M	RNA polym	ENSG0000013353347	-0.15253	1.018698	-0.14973
ENSG00000151115	RMDN1	regulator c	ENSG0000011041451	0.103656	0.69356	0.149455
ENSG000001100996511	LINC01355	long interg	ENSG0000016775118	-0.3044	2.039161	-0.14928
ENSG00000184549	MAK16	MAK16 ho	ENSG0000011970271	0.186172	1.247326	0.149257
ENSG000001339483	MTMR9LP	myotubula	ENSG0000016786235	0.303575	2.034592	0.149207
ENSG00000157404	CYP20A1	cytochrom	ENSG0000011713129	-0.19917	1.337116	-0.14895
ENSG00000181576	CCDC130	coiled-coil	ENSG0000011713129	-0.19917	1.337116	-0.14895
ENSG000001442582	STAG3L2	stromal an	ENSG0000016758771	-0.3112	2.090044	-0.1489
ENSG0000017644	ZNF91	zinc finger	ENSG0000012998997	-0.08369	0.562351	-0.14881
ENSG000001161	AP2A2	adaptor re	ENSG000001514484	0.128386	0.863108	0.148749
ENSG00000181555	YIPF5	Yip1 doma	ENSG0000012898281	0.159423	1.072201	0.148687
ENSG00000179088	ZNF426	zinc finger	ENSG0000013549558	-0.14792	0.995014	-0.14866
ENSG000001284309	ZNF776	zinc finger	ENSG0000012527856	0.16741	1.127278	0.148508

ENSG0000019909	DENND4B	DENN domain	ENSG00000159.86063	-0.1218	0.820248	-0.14849
ENSG00000190231	KIAA2013	KIAA2013	ENSG00000127.1112	0.163921	1.104431	0.148421
ENSG00000123178	PASK	PAS domain	ENSG0000012.516491	-0.53543	3.608829	-0.14837
ENSG000001282974	STK32C	serine/threonine kinase	ENSG0000012.516491	-0.53543	3.608829	-0.14837
ENSG0000010270550			ENSG0000012.516491	-0.53543	3.608829	-0.14837
ENSG0000015092	PCBD1	pteridine 4-aminopyrimidin	ENSG00000138.39617	0.14324	0.967767	0.148011
ENSG00000127229	TUBGCP4	tubulin gamma chain	ENSG00000116.01481	0.208325	1.407621	0.147998
ENSG0000016548	SLC9A1	solute carrier family 9 member 1	ENSG00000123.31017	0.192428	1.300985	0.147909
ENSG0000015252	PHF1	PHD finger domain	ENSG00000139.55306	-0.14241	0.962871	-0.1479
ENSG0000018618	CADPS	calcium-dependent secretory vesicle trafficking protein	ENSG00000123.46266	-0.1847	1.250103	-0.14775
ENSG0000019889	ZBED4	zinc finger domain	ENSG00000125.31753	0.16583	1.123723	0.147572
ENSG000001627	BDNF	brain derived neurotrophic factor	ENSG0000014.634492	-0.35771	2.424061	-0.14757
ENSG000001283629	TSSK4	testis specific serine/threonine kinase	ENSG0000014.634492	-0.35771	2.424061	-0.14757
ENSG0000018748	ADAM20	ADAM metallopeptidase with thrombospondin type 1 motifs	ENSG0000014.634492	-0.35771	2.424061	-0.14757
ENSG000001390637	GDPGP1	GDP-D-glucose 4-epimerase	ENSG0000014.634492	-0.35771	2.424061	-0.14757
ENSG00000110036	CHAF1A	chromatin associated factor 1A	ENSG0000014.634492	-0.35771	2.424061	-0.14757
ENSG00000189927	C16orf45	chromosome 16 open reading frame 45	ENSG00000147.77685	0.131556	0.891598	0.147551
ENSG000001154881	KCTD7	potassium channel tetramerization domain 7	ENSG00000115.1302	-0.2131	1.445581	-0.14742
ENSG0000015891	MOK	MOK protein	ENSG00000115.1302	-0.2131	1.445581	-0.14742
ENSG000001169200	TMEM64	transmembrane protein 64	ENSG00000123.46227	0.173561	1.177536	0.147393
ENSG00000184153	RNASEH2C	ribonuclease H2C	ENSG0000018.837799	-0.26928	1.82782	-0.14732
ENSG00000123033	DOP1A	DOP1 leukemia associated protein	ENSG00000157.1638	0.121794	0.827865	0.147118
ENSG0000017746	ZSCAN9	zinc finger protein	ENSG00000115.05226	-0.20804	1.414875	-0.14704
ENSG0000019203	ZMYM3	zinc finger protein	ENSG00000136.54719	0.143574	0.977157	0.146931
ENSG0000013376	IARS	isoleucyl-tRNA synthetase	ENSG000001138.7001	-0.09614	0.654858	-0.14681
ENSG0000018945	BTRC	beta-transducin gamma chain	ENSG00000168.02465	-0.11758	0.801138	-0.14677
ENSG0000017767	ZNF224	zinc finger protein	ENSG0000016.736146	-0.2996	2.04318	-0.14663
ENSG00000123335	WDR7	WD repeat domain 7	ENSG00000167.87503	-0.11593	0.791107	-0.14654
ENSG000001576	ADGRB2	adhesion G protein-coupled receptor class B member 2	ENSG0000018.854146	-0.26403	1.80301	-0.14644
ENSG00000154107	POLE3	DNA polymerase epsilon 3	ENSG00000123.24518	-0.17193	1.174218	-0.14642
ENSG000001100507602	TRIM52-AS1	TRIM52 antisense 1	ENSG00000114.1105	0.215978	1.475272	0.146399
ENSG0000011892	ECHS1	enoyl-CoA hydratase	ENSG000001137.0397	-0.10112	0.690884	-0.14637
ENSG00000155092	TMEM51	transmembrane protein 51	ENSG0000013.266783	0.408819	2.794584	0.14629
ENSG0000010179978			ENSG0000013.266783	0.408819	2.794584	0.14629
ENSG000001347240	KIF24	kinesin family B member 24	ENSG0000013.266783	0.408819	2.794584	0.14629
ENSG000001100129075	KTN1-AS1	KTN1 antisense 1	ENSG0000013.266783	0.408819	2.794584	0.14629
ENSG00000123508	TTC9	tetratricopeptide repeat domain 9	ENSG0000013.266783	0.408819	2.794584	0.14629
ENSG00000154857	GDPD2	glycerophosphoethanolamine 3-phosphatase	ENSG0000013.266783	0.408819	2.794584	0.14629
ENSG0000015325	PLAGL1	PLAG1 like protein	ENSG00000134.62026	0.146379	1.000695	0.146278
ENSG00000158505	OSTC	oligosaccharyl transferase	ENSG00000116.02109	0.19947	1.363821	0.146258
ENSG00000184128	WDR75	WD repeat domain 75	ENSG00000129.35906	-0.1561	1.067537	-0.14623
ENSG00000151497	NELFCD	negative elongation factor C	ENSG00000129.35906	-0.1561	1.067537	-0.14623
ENSG00000192126	DSEL	dermatan sulfate lyase	ENSG00000110.50683	0.239521	1.638164	0.146213
ENSG00000122926	ATF6	activating transcription factor 6	ENSG00000192.10055	-0.10508	0.718992	-0.14615
ENSG00000122871	NLGN1	neuroligin 1	ENSG00000121.18877	-0.17927	1.227481	-0.14605
ENSG000001949	SCARB1	scavenger receptor class B member 1	ENSG00000113.05118	-0.22554	1.546047	-0.14588
ENSG00000125960	ADGRA2	adhesion G protein-coupled receptor class A member 2	ENSG00000112.35581	0.22532	1.545323	0.145808

ENSG0000I	ENSG0000I	80206	FHOD3	formin hor	ENSG0000I	445.4205	0.08018	0.550265	0.145711
ENSG0000I	ENSG0000I	1356	CP	ceruloplas	ENSG0000I	25.39836	-0.18136	1.245699	-0.14559
ENSG0000I	ENSG0000I	84294	UTP23	UTP23, sm	ENSG0000I	12.97323	-0.21979	1.511343	-0.14543
ENSG0000I	ENSG0000I	23207	PLEKHM2	pleckstrin l	ENSG0000I	92.07792	-0.10433	0.717445	-0.14542
ENSG0000I	ENSG0000I	79640	C22orf46	chromosor	ENSG0000I	30.94871	0.154008	1.060416	0.145234
ENSG0000I	ENSG0000I	80308	FLAD1	flavin aden	ENSG0000I	17.8927	0.188568	1.29929	0.145131
ENSG0000I	ENSG0000I	112714	TUBA3E	tubulin alp	ENSG0000I	17.86379	0.200781	1.385533	0.144912
ENSG0000I	ENSG0000I	3679	ITGA7	integrin su	ENSG0000I	330.5107	-0.08381	0.57842	-0.14489
ENSG0000I	ENSG0000I	79626	TNFAIP8L2	TNF alpha i	ENSG0000I	3.22781	0.417352	2.881887	0.144819
ENSG0000I	ENSG00000272579				ENSG0000I	3.22781	0.417352	2.881887	0.144819
ENSG0000I	ENSG0000I	55179	FAIM	Fas apopto	ENSG0000I	3.22781	0.417352	2.881887	0.144819
ENSG0000I	ENSG0000I	116966	WDR17	WD repeat	ENSG0000I	3.22781	0.417352	2.881887	0.144819
ENSG0000I	ENSG0000I	8936	WASF1	WAS prote	ENSG0000I	3.22781	0.417352	2.881887	0.144819
ENSG0000I	ENSG00000224138				ENSG0000I	3.22781	0.417352	2.881887	0.144819
ENSG0000I	ENSG0000I	79582	SPAG16	sperm assc	ENSG0000I	6.864181	0.294038	2.03048	0.144812
ENSG0000I	ENSG0000I	55054	ATG16L1	autophagy	ENSG0000I	32.8266	0.146741	1.013409	0.144799
ENSG0000I	ENSG00000239677				ENSG0000I	4.673465	-0.36542	2.524224	-0.14477
ENSG0000I	ENSG0000I	56940	DUSP22	dual specif	ENSG0000I	47.60016	-0.12949	0.895119	-0.14466
ENSG0000I	ENSG0000I	54843	SYTL2	synaptotag	ENSG0000I	15.16918	-0.21622	1.494896	-0.14464
ENSG0000I	ENSG0000I	134510	UBLCP1	ubiquitin li	ENSG0000I	21.59694	0.174118	1.205242	0.144467
ENSG0000I	ENSG0000I	51275	MAPKAPK5	MAPKAPK5	ENSG0000I	8.815174	-0.26023	1.801911	-0.14442
ENSG0000I	ENSG0000I	5832	ALDH18A1	aldehyde d	ENSG0000I	19.7643	0.179693	1.24495	0.144337
ENSG0000I	ENSG0000I	51808	PHAX	phosphory	ENSG0000I	33.39392	-0.14639	1.015148	-0.1442
ENSG0000I	ENSG0000I	25798	BRI3	brain prote	ENSG0000I	36.58616	0.14231	0.986947	0.144193
ENSG0000I	ENSG00000256568				ENSG0000I	2.532839	-0.52233	3.62387	-0.14414
ENSG0000I	ENSG0000I	643699	GOLGA8N	golgin A8 f	ENSG0000I	2.532839	-0.52233	3.62387	-0.14414
ENSG0000I	ENSG0000I	943	TNFRSF8	TNF recept	ENSG0000I	1.479397	0.629217	4.368727	0.144027
ENSG0000I	ENSG0000I	1907	EDN2	endothelin	ENSG0000I	1.479397	0.629217	4.368727	0.144027
ENSG0000I	ENSG00000226252				ENSG0000I	1.479397	0.629217	4.368727	0.144027
ENSG0000I	ENSG00000228863				ENSG0000I	1.479397	0.629217	4.368727	0.144027
ENSG0000I	ENSG0000I	919	CD247	CD247 mol	ENSG0000I	1.479397	0.629217	4.368727	0.144027
ENSG0000I	ENSG0000I	130013	ACMSD	aminocarb	ENSG0000I	1.479397	0.629217	4.368727	0.144027
ENSG0000I	ENSG00000237758				ENSG0000I	1.479397	0.629217	4.368727	0.144027
ENSG0000I	ENSG0000I	56992	KIF15	kinesin fan	ENSG0000I	1.479397	0.629217	4.368727	0.144027
ENSG0000I	ENSG0000I	131450	CD200R1	CD200 rec	ENSG0000I	1.479397	0.629217	4.368727	0.144027
ENSG0000I	ENSG00000154608				ENSG0000I	1.479397	0.629217	4.368727	0.144027
ENSG0000I	ENSG0000I	387357	THEMIS	thymocyte	ENSG0000I	1.479397	0.629217	4.368727	0.144027
ENSG0000I	ENSG0000I	101927356	LOC101927	uncharacte	ENSG0000I	1.479397	0.629217	4.368727	0.144027
ENSG0000I	ENSG0000I	79698	ZMAT4	zinc finger	ENSG0000I	1.479397	0.629217	4.368727	0.144027
ENSG0000I	ENSG0000I	116039	OSR2	odd-skippe	ENSG0000I	1.479397	0.629217	4.368727	0.144027
ENSG0000I	ENSG0000I	64170	CARD9	caspase re	ENSG0000I	1.479397	0.629217	4.368727	0.144027
ENSG0000I	ENSG0000I	5995	RGR	retinal G p	ENSG0000I	1.479397	0.629217	4.368727	0.144027
ENSG0000I	ENSG00000279672				ENSG0000I	1.479397	0.629217	4.368727	0.144027
ENSG0000I	ENSG00000274315				ENSG0000I	1.479397	0.629217	4.368727	0.144027
ENSG0000I	ENSG00000276058				ENSG0000I	1.479397	0.629217	4.368727	0.144027
ENSG0000I	ENSG0000I	677793	SNORA2A	small nucle	ENSG0000I	1.479397	0.629217	4.368727	0.144027
ENSG0000I	ENSG00000237263				ENSG0000I	1.479397	0.629217	4.368727	0.144027

ENSG000001690	COCH	cochlin	ENSG000001479397	0.629217	4.368727	0.144027
ENSG00000101927	LOC101927	uncharacte	ENSG000001479397	0.629217	4.368727	0.144027
ENSG00000259202			ENSG000001479397	0.629217	4.368727	0.144027
ENSG00000259677			ENSG000001479397	0.629217	4.368727	0.144027
ENSG0000010232	MSLN	mesothelir	ENSG000001479397	0.629217	4.368727	0.144027
ENSG00000260517			ENSG000001479397	0.629217	4.368727	0.144027
ENSG00000339105	PRSS53	serine prot	ENSG000001479397	0.629217	4.368727	0.144027
ENSG00000274756			ENSG000001479397	0.629217	4.368727	0.144027
ENSG0000010900	RUNDC3A	RUN doma	ENSG000001479397	0.629217	4.368727	0.144027
ENSG00000126003	TRAPPC5	trafficking	ENSG000001479397	0.629217	4.368727	0.144027
ENSG00000339390	CLEC4G	C-type lect	ENSG000001479397	0.629217	4.368727	0.144027
ENSG0000084964	ALKBH6	alkB homo	ENSG000001479397	0.629217	4.368727	0.144027
ENSG00000729440	CCDC61	coiled-coil	ENSG000001479397	0.629217	4.368727	0.144027
ENSG00000199796			ENSG000001479397	0.629217	4.368727	0.144027
ENSG0000026152	ZNF337	zinc finger	ENSG000001479397	0.629217	4.368727	0.144027
ENSG00000228663			ENSG000001479397	0.629217	4.368727	0.144027
ENSG00000223799			ENSG000001479397	0.629217	4.368727	0.144027
ENSG00000189089			ENSG000001479397	0.629217	4.368727	0.144027
ENSG0000054058	C21orf58	chromosor	ENSG000001479397	0.629217	4.368727	0.144027
ENSG00000225335			ENSG000001479397	0.629217	4.368727	0.144027
ENSG00000272787			ENSG000001479397	0.629217	4.368727	0.144027
ENSG0000010099	TSPAN3	tetraspanir	ENSG0000079.98589	-0.11079	0.769255	-0.14402
ENSG00000201163	FLCN	folliculin	ENSG0000031.36015	-0.15199	1.056177	-0.1439
ENSG0000025888	ZNF473	zinc finger	ENSG000008.657844	0.259262	1.803047	0.143791
ENSG0000010929	SRSF8	serine and	ENSG0000029.33644	-0.15343	1.067573	-0.14372
ENSG000005962	RDX	radixin	ENSG00000164.6966	-0.08981	0.625311	-0.14363
ENSG0000056928	SPPL2B	signal pept	ENSG000008.696817	0.255534	1.78321	0.1433
ENSG0000056005	MYDGF	myeloid de	ENSG000008.696817	0.255534	1.78321	0.1433
ENSG000009545	RAB3D	RAB3D, me	ENSG000008.696817	0.255534	1.78321	0.1433
ENSG000004074	M6PR	mannose-6	ENSG0000057.20905	0.119015	0.830709	0.143269
ENSG0000010951	CBX1	chromobo	ENSG0000033.41027	-0.14533	1.016743	-0.14294
ENSG0000022841	RAB11FIP2	RAB11 fam	ENSG0000030.99396	0.148595	1.039871	0.142898
ENSG0000022944	KIN	Kin17 DNA	ENSG0000012.37844	0.217801	1.525333	0.142789
ENSG00000256051	ZNF549	zinc finger	ENSG0000012.37844	0.217801	1.525333	0.142789
ENSG000009413	FAM189A2	family with	ENSG0000019.16506	-0.18394	1.290604	-0.14252
ENSG00000123606	NIPA1	NIPA magn	ENSG0000019.16506	-0.18394	1.290604	-0.14252
ENSG0000079937	CNTNAP3	contactin a	ENSG0000017.75694	0.216031	1.516416	0.142462
ENSG0000079971	WLS	wntless Wl	ENSG0000063.82762	-0.11551	0.810838	-0.14246
ENSG00000154796	AMOT	angiomotir	ENSG0000019.80328	0.177775	1.249752	0.142248
ENSG0000055015	PRPF39	pre-mRNA	ENSG0000021.1498	-0.17729	1.246738	-0.14221
ENSG000005279	PIGC	phosphatic	ENSG0000014.21107	0.204159	1.436564	0.142116
ENSG00000105369	LOC105369	uncharacte	ENSG0000014.21107	0.204159	1.436564	0.142116
ENSG0000029946	SERTAD3	SERTA dor	ENSG0000014.21107	0.204159	1.436564	0.142116
ENSG0000055285	RBM41	RNA bindir	ENSG0000027.26369	-0.15895	1.119476	-0.14198
ENSG00000261468			ENSG000004.595519	-0.35079	2.471601	-0.14193
ENSG00000175	AGA	aspartylglu	ENSG000004.595519	-0.35079	2.471601	-0.14193
ENSG00000272072			ENSG000004.595519	-0.35079	2.471601	-0.14193

ENSG0000I	ENSG0000I	26297	SERGEF	secretion r	ENSG0000I	4.595519	-0.35079	2.471601	-0.14193
ENSG0000I	ENSG0000I	9858	PPP1R26	protein ph	ENSG0000I	25.23998	-0.16108	1.135073	-0.14192
ENSG0000I	ENSG0000I	5434	POLR2E	RNA polym	ENSG0000I	25.23998	-0.16108	1.135073	-0.14192
ENSG0000I	ENSG0000I	51545	ZNF581	zinc finger	ENSG0000I	6.847833	0.284431	2.007712	0.141669
ENSG0000I	ENSG0000I	8473	OGT	O-linked N	ENSG0000I	230.9211	-0.08306	0.586936	-0.14151
ENSG0000I	ENSG0000I	0236549			ENSG0000I	2.471241	-0.47501	3.358005	-0.14146
ENSG0000I	ENSG0000I	0236208			ENSG0000I	2.471241	-0.47501	3.358005	-0.14146
ENSG0000I	ENSG0000I	1959	EGR2	early grow	ENSG0000I	2.471241	-0.47501	3.358005	-0.14146
ENSG0000I	ENSG0000I	100506436	SPAG5-AS1	SPAG5 anti	ENSG0000I	2.471241	-0.47501	3.358005	-0.14146
ENSG0000I	ENSG0000I	339665	SLC35E4	solute carr	ENSG0000I	2.471241	-0.47501	3.358005	-0.14146
ENSG0000I	ENSG0000I	9343	EFTUD2	elongation	ENSG0000I	55.62463	-0.11901	0.841714	-0.14139
ENSG0000I	ENSG0000I	57414	RHBDD2	rhomboide	ENSG0000I	14.1721	0.206829	1.462873	0.141385
ENSG0000I	ENSG0000I	79792	GSDMD	gasdermin	ENSG0000I	14.1721	0.206829	1.462873	0.141385
ENSG0000I	ENSG0000I	51296	SLC15A3	solute carr	ENSG0000I	14.1721	0.206829	1.462873	0.141385
ENSG0000I	ENSG0000I	55785	FGD6	FYVE, Rho	ENSG0000I	61.05284	0.114479	0.809923	0.141345
ENSG0000I	ENSG0000I	81831	NETO2	neuropilin	ENSG0000I	5.037822	0.327368	2.317356	0.141268
ENSG0000I	ENSG0000I	55160	ARHGEF10	Rho guanir	ENSG0000I	51.60612	-0.12186	0.862999	-0.1412
ENSG0000I	ENSG0000I	79778	MICALL2	MICAL like	ENSG0000I	5.076794	0.321563	2.278477	0.14113
ENSG0000I	ENSG0000I	84878	ZBTB45	zinc finger	ENSG0000I	5.076794	0.321563	2.278477	0.14113
ENSG0000I	ENSG0000I	221477	C6orf89	chromosor	ENSG0000I	225.2757	0.082562	0.585533	0.141003
ENSG0000I	ENSG0000I	55074	OXR1	oxidation r	ENSG0000I	76.13256	0.106378	0.754936	0.14091
ENSG0000I	ENSG0000I	132299	OCIAD2	OCIA doma	ENSG0000I	6.71352	-0.28737	2.040422	-0.14084
ENSG0000I	ENSG0000I	10072	DPP3	dipeptidyl	ENSG0000I	6.71352	-0.28737	2.040422	-0.14084
ENSG0000I	ENSG0000I	0280200			ENSG0000I	6.71352	-0.28737	2.040422	-0.14084
ENSG0000I	ENSG0000I	64763	ZNF574	zinc finger	ENSG0000I	6.71352	-0.28737	2.040422	-0.14084
ENSG0000I	ENSG0000I	6046	BRD2	bromodorr	ENSG0000I	132.2417	-0.09261	0.65808	-0.14073
ENSG0000I	ENSG0000I	3840	KPNA4	karyopheri	ENSG0000I	253.3253	-0.08271	0.587764	-0.14072
ENSG0000I	ENSG0000I	57060	PCBP4	poly(rC) bi	ENSG0000I	29.31381	-0.15076	1.071719	-0.14067
ENSG0000I	ENSG0000I	10296	MAEA	macrophag	ENSG0000I	29.14498	0.14918	1.061883	0.140486
ENSG0000I	ENSG0000I	0235121			ENSG0000I	2.432268	-0.46259	3.297478	-0.14029
ENSG0000I	ENSG0000I	645784	ANKRD36B	ankyrin re	ENSG0000I	2.432268	-0.46259	3.297478	-0.14029
ENSG0000I	ENSG0000I	0179979			ENSG0000I	2.432268	-0.46259	3.297478	-0.14029
ENSG0000I	ENSG0000I	100885776	UGDH-AS1	UGDH anti	ENSG0000I	2.432268	-0.46259	3.297478	-0.14029
ENSG0000I	ENSG0000I	0228828			ENSG0000I	2.432268	-0.46259	3.297478	-0.14029
ENSG0000I	ENSG0000I	196743	PAOX	polyamine	ENSG0000I	2.432268	-0.46259	3.297478	-0.14029
ENSG0000I	ENSG0000I	0270903			ENSG0000I	2.432268	-0.46259	3.297478	-0.14029
ENSG0000I	ENSG0000I	8499	PPFIA2	PTPRF inte	ENSG0000I	2.432268	-0.46259	3.297478	-0.14029
ENSG0000I	ENSG0000I	10278	EFS	embryonal	ENSG0000I	2.432268	-0.46259	3.297478	-0.14029
ENSG0000I	ENSG0000I	0259212			ENSG0000I	2.432268	-0.46259	3.297478	-0.14029
ENSG0000I	ENSG0000I	101927311	LINC02185	long interg	ENSG0000I	2.432268	-0.46259	3.297478	-0.14029
ENSG0000I	ENSG0000I	100190938	RAMP2-AS	RAMP2 an	ENSG0000I	2.432268	-0.46259	3.297478	-0.14029
ENSG0000I	ENSG0000I	0262001			ENSG0000I	2.432268	-0.46259	3.297478	-0.14029
ENSG0000I	ENSG0000I	147660	ZNF578	zinc finger	ENSG0000I	2.432268	-0.46259	3.297478	-0.14029
ENSG0000I	ENSG0000I	0270223			ENSG0000I	2.432268	-0.46259	3.297478	-0.14029
ENSG0000I	ENSG0000I	5900	RALGDS	ral guanine	ENSG0000I	51.5508	-0.12147	0.86769	-0.13999
ENSG0000I	ENSG0000I	6599	SMARCC1	SWI/SNF re	ENSG0000I	77.79374	-0.1057	0.755724	-0.13986
ENSG0000I	ENSG0000I	4482	MSRA	methionin	ENSG0000I	17.04706	-0.18754	1.341425	-0.1398

ENSG0000I	ENSG0000I	5018	OXA1L	OXA1L, mit	ENSG0000I	102.5589	0.098219	0.702891	0.139736
ENSG0000I	ENSG0000I	8664	EIF3D	eukaryotic	ENSG0000I	99.96285	-0.09827	0.70333	-0.13972
ENSG0000I	ENSG0000I	4281	MID1	midline 1	ENSG0000I	21.61957	0.170099	1.218109	0.139642
ENSG0000I	ENSG0000I	102723766	LINC02362	long interg	ENSG0000I	10.87158	-0.22856	1.638158	-0.13952
ENSG0000I	ENSG0000I	9927	MFN2	mitofusin 2	ENSG0000I	711.3	0.071208	0.510624	0.139454
ENSG0000I	ENSG0000I	253635	GPATCH11	G-patch do	ENSG0000I	17.97064	0.184279	1.321478	0.139449
ENSG0000I	ENSG0000I	200933	FBXO45	F-box prot	ENSG0000I	17.97064	0.184279	1.321478	0.139449
ENSG0000I	ENSG0000I	1207	CLNS1A	chloride nu	ENSG0000I	44.17945	0.127223	0.91242	0.139434
ENSG0000I	ENSG0000I	124989	EFCAB13	EF-hand ca	ENSG0000I	8.792549	-0.25089	1.803077	-0.13915
ENSG0000I	ENSG0000I	92283	ZNF461	zinc finger	ENSG0000I	8.792549	-0.25089	1.803077	-0.13915
ENSG0000I	ENSG0000I	57716	PRX	periaxin	ENSG0000I	8.792549	-0.25089	1.803077	-0.13915
ENSG0000I	ENSG0000I	1428	CRYM	crystallin n	ENSG0000I	47.96726	-0.13905	0.999821	-0.13907
ENSG0000I	ENSG0000I	54961	SSH3	slingshot p	ENSG0000I	12.91163	-0.21076	1.515908	-0.13903
ENSG0000I	ENSG0000I	8539	API5	apoptosis i	ENSG0000I	49.64466	0.125026	0.899303	0.139025
ENSG0000I	ENSG0000I	51430	SUCO	SUN doma	ENSG0000I	42.17457	0.131257	0.94437	0.138989
ENSG0000I	ENSG0000I	57473	ZNF512B	zinc finger	ENSG0000I	23.16095	-0.16336	1.175884	-0.13893
ENSG0000I	ENSG0000I	27032	ATP2C1	ATPase sec	ENSG0000I	110.1584	0.094486	0.680423	0.138864
ENSG0000I	ENSG0000I	9122	SLC16A4	solute carr	ENSG0000I	10.56843	0.227321	1.637033	0.138861
ENSG0000I	ENSG0000I	9094	UNC119	unc-119 lip	ENSG0000I	16.12166	0.189257	1.363525	0.1388
ENSG0000I	ENSG0000I	9895	TECPR2	tectonin b	ENSG0000I	51.71114	0.119055	0.858308	0.138709
ENSG0000I	ENSG0000I	29035	C16orf72	chromosor	ENSG0000I	116.262	-0.09569	0.690437	-0.1386
ENSG0000I	ENSG0000I	55228	PNMA8A	PNMA fam	ENSG0000I	8.831521	-0.25502	1.840466	-0.13856
ENSG0000I	ENSG0000I	89857	KLHL6	kelch like f	ENSG0000I	12.39479	0.221743	1.602267	0.138393
ENSG0000I	ENSG0000I	55628	ZNF407	zinc finger	ENSG0000I	51.65582	0.119357	0.862551	0.138377
ENSG0000I	ENSG0000I	4705	NDUFA10	NADH:ubic	ENSG0000I	191.2988	0.085251	0.616083	0.138376
ENSG0000I	ENSG0000I	6992	PPP1R11	protein ph	ENSG0000I	38.56462	0.132269	0.956507	0.138283
ENSG0000I	ENSG0000I	92400	RBM18	RNA bindir	ENSG0000I	38.56462	0.132269	0.956507	0.138283
ENSG0000I	ENSG0000I	3654	IRAK1	interleukin	ENSG0000I	31.00024	0.144447	1.045134	0.138209
ENSG0000I	ENSG0000I	50484	RRM2B	ribonucleo	ENSG0000I	49.81062	0.12379	0.895825	0.138185
ENSG0000I	ENSG0000I	166379	BBS12	Bardet-Bie	ENSG0000I	8.73579	0.251529	1.822684	0.137999
ENSG0000I	ENSG0000I	23081	KDM4C	lysine dem	ENSG0000I	8.73579	0.251529	1.822684	0.137999
ENSG0000I	ENSG0000I	55777	MBD5	methyl-Cp	ENSG0000I	61.68699	-0.11281	0.818527	-0.13781
ENSG0000I	ENSG0000I	4893	NRAS	NRAS prot	ENSG0000I	29.12863	0.147692	1.074316	0.137476
ENSG0000I	ENSG0000I	56994	CHPT1	choline ph	ENSG0000I	101.8961	-0.09593	0.698562	-0.13732
ENSG0000I	ENSG0000I	112950	MED8	mediator c	ENSG0000I	10.8326	-0.22539	1.641773	-0.13728
ENSG0000I	ENSG0000I	3671	ISLR	immunogl	ENSG0000I	10.8326	-0.22539	1.641773	-0.13728
ENSG0000I	ENSG0000I	55706	NDC1	NDC1 tran	ENSG0000I	14.96804	-0.19479	1.419202	-0.13725
ENSG0000I	ENSG0000I	246243	RNASEH1	ribonuclea	ENSG0000I	14.96804	-0.19479	1.419202	-0.13725
ENSG0000I	ENSG0000I	55361	PI4K2A	phosphatic	ENSG0000I	14.96804	-0.19479	1.419202	-0.13725
ENSG0000I	ENSG0000I	114818	KLHL29	kelch like f	ENSG0000I	6.674548	-0.2825	2.059509	-0.13717
ENSG0000I	ENSG0000I	5168	ENPP2	ectonucleo	ENSG0000I	6.674548	-0.2825	2.059509	-0.13717
ENSG0000I	ENSG0000I	57511	COG6	componen	ENSG0000I	42.32419	0.129497	0.944766	0.137068
ENSG0000I	ENSG0000I	27243	CHMP2A	charged m	ENSG0000I	55.59573	-0.11588	0.84545	-0.13706
ENSG0000I	ENSG0000I	468	ATF4	activating t	ENSG0000I	176.6214	-0.08869	0.648026	-0.13686
ENSG0000I	ENSG0000I	554251	FBXO48	F-box prot	ENSG0000I	4.572894	-0.33314	2.434224	-0.13686
ENSG0000I	ENSG0000I	177	AGER	advanced g	ENSG0000I	4.572894	-0.33314	2.434224	-0.13686
ENSG0000I	ENSG0000I	114796	PSMG3-AS	PSMG3 ant	ENSG0000I	4.572894	-0.33314	2.434224	-0.13686

ENSG00000100507	ENSG00000110050	LOC100507283	uncharacterized protein	ENSG00000100507	4.572894	-0.33314	2.434224	-0.13686
ENSG000001124751	ENSG000001124751	KRBA2	KRAB-A domain	ENSG000001124751	4.572894	-0.33314	2.434224	-0.13686
ENSG000001150383	ENSG000001150383	CDPF1	cysteine rich	ENSG000001150383	4.572894	-0.33314	2.434224	-0.13686
ENSG00000109589	ENSG00000109589	WTAP	WT1 associated	ENSG00000109589	49.70626	0.122414	0.895798	0.136654
ENSG000001055656	ENSG000001055656	INTS8	integrator subunit	ENSG000001055656	36.59872	0.135703	0.993147	0.13664
ENSG000001123016	ENSG000001123016	TTC8	tetratricopeptide repeat	ENSG000001123016	8.719442	0.244428	1.788933	0.136634
ENSG000001051272	ENSG000001051272	BET1L	Bet1 golgi body	ENSG000001051272	25.42438	0.153897	1.128093	0.136422
ENSG000001130617	ENSG000001130617	ZFAND2B	zinc finger and domain	ENSG000001130617	8.753576	-0.24707	1.811948	-0.13635
ENSG000001056904	ENSG000001056904	SH3GLB2	SH3 domain	ENSG000001056904	21.73648	0.16461	1.207309	0.136344
ENSG000001057594	ENSG000001057594	HOMEZ	homeobox	ENSG000001057594	21.73648	0.16461	1.207309	0.136344
ENSG000001092675	ENSG000001092675	DTD1	D-tyrosyl-tRNA synthetase	ENSG000001092675	14.27267	0.195186	1.432227	0.136282
ENSG000001057205	ENSG000001057205	ATP10D	ATPase phospholipid	ENSG000001057205	34.76608	0.136602	1.002792	0.136221
ENSG00000110050819	ENSG00000110050819	MIR3609	microRNA	ENSG00000110050819	34.76608	0.136602	1.002792	0.136221
ENSG000001079810	ENSG000001079810	PTCD2	pentatricopeptide repeat	ENSG000001079810	21.15987	-0.16996	1.249558	-0.13602
ENSG00000109267	ENSG00000109267	CYTH1	cytohesin 1	ENSG00000109267	51.48292	-0.11713	0.862861	-0.13574
ENSG0000010728927	ENSG0000010728927	ZNF736	zinc finger	ENSG0000010728927	19.02552	-0.17369	1.280048	-0.13569
ENSG000001083744	ENSG000001083744	ZNF484	zinc finger	ENSG000001083744	19.84853	0.168718	1.246343	0.135371
ENSG00000102972	ENSG00000102972	BRF1	BRF1, RNA polymerase II	ENSG00000102972	17.02444	-0.18283	1.353077	-0.13512
ENSG000001029966	ENSG000001029966	STRN3	striatin 3	ENSG000001029966	78.16006	0.103237	0.76442	0.135052
ENSG00000104790	ENSG00000104790	NFKB1	nuclear factor kappa B	ENSG00000104790	41.3568	-0.12602	0.933953	-0.13493
ENSG00000106045	ENSG00000106045	RNF2	ring finger	ENSG00000106045	12.88901	-0.20441	1.51561	-0.13487
ENSG00000105861	ENSG00000105861	RAB1A	RAB1A, member	ENSG00000105861	85.75033	-0.09875	0.732247	-0.13486
ENSG00000108498	ENSG00000108498	RANBP3	RAN binding protein	ENSG00000108498	31.06184	0.140323	1.04193	0.134676
ENSG00000102926	ENSG00000102926	GRSF1	G-rich RNA	ENSG00000102926	132.5284	-0.0943	0.70052	-0.13461
ENSG000001055435	ENSG000001055435	AP1AR	adaptor related	ENSG000001055435	18.01589	0.174347	1.295284	0.134601
ENSG0000010730094	ENSG0000010730094	MOSMO	modulator	ENSG0000010730094	17.93795	0.178692	1.327612	0.134597
ENSG00000103595	ENSG00000103595	IL12RB2	interleukin 12 receptor	ENSG00000103595	3.289408	0.376452	2.800086	0.134443
ENSG000001056521	ENSG000001056521	DNAJC12	DnaJ heat shock	ENSG000001056521	3.289408	0.376452	2.800086	0.134443
ENSG0000010118672	ENSG0000010118672	PSTK	phosphoserine	ENSG0000010118672	3.289408	0.376452	2.800086	0.134443
ENSG0000010145853	ENSG0000010145853	C15orf61	chromosome 15	ENSG0000010145853	3.289408	0.376452	2.800086	0.134443
ENSG00000100274578	ENSG00000100274578			ENSG00000100274578	3.289408	0.376452	2.800086	0.134443
ENSG00000109441	ENSG00000109441	MED26	mediator complex	ENSG00000109441	3.289408	0.376452	2.800086	0.134443
ENSG00000107711	ENSG00000107711	ZNF155	zinc finger	ENSG00000107711	3.289408	0.376452	2.800086	0.134443
ENSG00000105931	ENSG00000105931	RBBP7	RB binding protein	ENSG00000105931	77.75856	-0.10249	0.764061	-0.13414
ENSG00000104215	ENSG00000104215	MAP3K3	mitogen-activated	ENSG00000104215	98.29892	0.105738	0.788685	0.134068
ENSG000001051280	ENSG000001051280	GOLM1	golgi membrane	ENSG000001051280	14.31165	0.19271	1.437471	0.134062
ENSG000001058477	ENSG000001058477	SRPRB	SRP receptor	ENSG000001058477	23.63072	0.155265	1.158729	0.133996
ENSG00000104957	ENSG00000104957	ODF2	outer dense	ENSG00000104957	21.04295	-0.16427	1.227085	-0.13387
ENSG000001022937	ENSG000001022937	SCAP	SREBF chaperone	ENSG000001022937	46.15791	0.119495	0.892835	0.133838
ENSG000001055657	ENSG000001055657	ZNF692	zinc finger	ENSG000001055657	8.68047	0.248914	1.860595	0.133782
ENSG00000101230	ENSG00000101230	CCR1	C-C motif containing	ENSG00000101230	16.27336	0.645982	4.830531	0.133729
ENSG00000101456	ENSG00000101456	CSNK1G3	casein kinase	ENSG00000101456	40.52045	0.125228	0.937188	0.133621
ENSG0000010117247	ENSG0000010117247	SLC16A10	solute carrier	ENSG0000010117247	6.909431	0.265632	1.988133	0.133609
ENSG0000010143872	ENSG0000010143872	ARHGAP42	Rho GTPase	ENSG0000010143872	29.2292	0.14185	1.061876	0.133584
ENSG00000108273	ENSG00000108273	SLC10A3	solute carrier	ENSG00000108273	10.59105	0.21833	1.63528	0.133512
ENSG0000010153572	ENSG0000010153572	IRX2	iroquois homeobox	ENSG0000010153572	6.80886	0.291419	2.183116	0.133488
ENSG0000010124995	ENSG0000010124995	MRPL10	mitochondrial	ENSG0000010124995	35.24919	-0.13427	1.006067	-0.13346

ENSG0000015684	PSMA3	proteasom	ENSG0000015684	53.68959	0.112744	0.846007	0.133265
ENSG0000013897	L1CAM	L1 cell adh	ENSG0000013897	8.870494	-0.2606	1.956654	-0.13319
ENSG0000011100	HNRNPUL1	heterogen	ENSG0000011100	127.3071	0.08758	0.657617	0.133177
ENSG0000010226	ALDOA	aldolase, fr	ENSG0000010226	1164.66	0.073933	0.556067	0.132957
ENSG00000110600	USP16	ubiquitin s	ENSG00000110600	59.36602	0.108669	0.818016	0.132844
ENSG00000180148	PQLC1	PQ loop re	ENSG00000180148	16.18325	0.181318	1.365432	0.132792
ENSG0000011452	CSNK1A1	casein kina	ENSG0000011452	104.6894	0.091474	0.688979	0.132767
ENSG00000156970	ATXN7L3	ataxin 7 lik	ENSG00000156970	33.20913	-0.13555	1.021046	-0.13275
ENSG000001326625	MMAB	metabolisr	ENSG000001326625	19.0029	-0.16944	1.277784	-0.13261
ENSG0000017633	ZNF79	zinc finger	ENSG0000017633	12.85003	-0.20166	1.521797	-0.13252
ENSG00000164427	TTC31	tetratricop	ENSG00000164427	10.55208	0.221799	1.675074	0.132411
ENSG000001101929733	LINC01954	long interg	ENSG000001101929733	5.09942	0.301656	2.2845	0.132045
ENSG00000164417	TMEM267	transmembr	ENSG00000164417	5.09942	0.301656	2.2845	0.132045
ENSG00000129980	DONSON	downstrea	ENSG00000129980	5.09942	0.301656	2.2845	0.132045
ENSG0000013705	ITPK1	inositol-tet	ENSG0000013705	85.82122	0.096371	0.729948	0.132025
ENSG000001128387	TATDN3	TatD DNase	ENSG000001128387	23.64707	0.157055	1.190344	0.131941
ENSG0000016827	SUPT4H1	SPT4 homoc	ENSG0000016827	21.09827	-0.16426	1.245416	-0.13189
ENSG0000015566	PRKACA	protein kin	ENSG0000015566	243.8183	0.085716	0.650144	0.131842
ENSG000001151742	PPM1L	protein ph	ENSG000001151742	130.9963	0.091022	0.690515	0.131817
ENSG00000111146	GLMN	glomulin, F	ENSG00000111146	6.948404	0.261214	1.981839	0.131804
ENSG000001163786	SASS6	SAS-6 cent	ENSG000001163786	6.948404	0.261214	1.981839	0.131804
ENSG00000192255	LMBRD2	LMBR1 dor	ENSG00000192255	53.53305	-0.11467	0.870031	-0.1318
ENSG0000017637	ZNF84	zinc finger	ENSG0000017637	40.54308	0.12318	0.935468	0.131677
ENSG0000015157	PDGFRL	platelet de	ENSG0000015157	8.730951	-0.23765	1.805359	-0.13164
ENSG00000184134	TOMM40L	translocase	ENSG00000184134	25.49605	0.155408	1.180751	0.131618
ENSG000001286205	SCAI	suppressor	ENSG000001286205	14.90644	-0.1869	1.420087	-0.13161
ENSG000001153527	ZMAT2	zinc finger	ENSG000001153527	25.52495	0.147309	1.120297	0.131491
ENSG000001122953	JDP2	Jun dimeri	ENSG000001122953	19.92647	0.164855	1.254144	0.131448
ENSG00000150650	ARHGEF3	Rho guanir	ENSG00000150650	29.28452	0.141848	1.080268	0.131308
ENSG000001139285	AMER1	APC memb	ENSG000001139285	23.5754	0.155033	1.181294	0.13124
ENSG00000156171	DNAH7	dynein axo	ENSG00000156171	3.328381	0.368302	2.809072	0.131112
ENSG0000017539	ZFP37	ZFP37 zinc	ENSG0000017539	3.328381	0.368302	2.809072	0.131112
ENSG0000014236	MFAP1	microfibril	ENSG0000014236	21.02033	-0.16045	1.22391	-0.1311
ENSG00000127295	PDLIM3	PDZ and LI	ENSG00000127295	233.8213	0.247093	1.885938	0.131019
ENSG0000018204	NRIP1	nuclear rec	ENSG0000018204	81.48713	0.108571	0.829168	0.13094
ENSG0000011741	DLG3	discs large	ENSG0000011741	21.78173	0.15647	1.196127	0.130814
ENSG000001126374	WTIP	WT1 intera	ENSG000001126374	19.87115	0.164293	1.25794	0.130605
ENSG00000185363	TRIM5	tripartite n	ENSG00000185363	18.03852	0.169333	1.29794	0.130463
ENSG0000012193	FARSA	phenylalan	ENSG0000012193	18.96392	-0.16744	1.283886	-0.13042
ENSG00000184320	ACBD6	acyl-CoA bi	ENSG00000184320	17.99954	0.171537	1.318678	0.130083
ENSG00000157455	REXO1	RNA exonu	ENSG00000157455	10.77101	-0.21458	1.650174	-0.13004
ENSG00000110147	SUGP2	SURP and C	ENSG00000110147	95.66904	-0.0923	0.709947	-0.13001
ENSG00000155705	IPO9	importin 9	ENSG00000155705	83.60592	-0.09856	0.758324	-0.12997
ENSG00000110113	PREB	prolactin r	ENSG00000110113	41.38949	-0.12465	0.959931	-0.12985
ENSG00000123366	KIAA0895	KIAA0895	ENSG00000123366	5.138392	0.296005	2.280115	0.12982
ENSG0000016652	SORD	sorbitol de	ENSG0000016652	5.138392	0.296005	2.280115	0.12982
ENSG0000016400	SEL1L	SEL1L, ERA	ENSG0000016400	171.9392	-0.08001	0.61648	-0.12979

ENSG00000127440	HDHD5	haloacid de	ENSG00000127.11159	-0.14305	1.102559	-0.12975
ENSG00000149855	SCAPER	S-phase cy	ENSG00000199.72025	-0.09151	0.705308	-0.12974
ENSG00000157786	RBAK	RB associat	ENSG00000127.43554	0.142137	1.095538	0.129741
ENSG00000129960	MRM2	mitochond	ENSG00000117.00181	-0.17825	1.375055	-0.12963
ENSG000001149837	LINC00654	long interg	ENSG00000117.00181	-0.17825	1.375055	-0.12963
ENSG0000018099	CDK2AP1	cyclin depe	ENSG00000116.20588	0.175703	1.35568	0.129605
ENSG00000111117	EMILIN1	elastin mic	ENSG00000116.12793	0.180456	1.392478	0.129593
ENSG0000013757	KCNH2	potassium	ENSG00000161.32185	0.10479	0.808936	0.12954
ENSG00000122862	FNDC3A	fibronectin	ENSG00000187.7607	0.093723	0.723904	0.129468
ENSG00000110617	STAMPB	STAM bind	ENSG00000125.56393	0.145726	1.125739	0.129449
ENSG00000110466	COG5	componen	ENSG00000174.49479	0.102285	0.791113	0.129292
ENSG00000180742	PRR3	proline ric	ENSG0000018.78104	0.229774	1.778232	0.129215
ENSG0000018178	ELL	elongation	ENSG0000018.78104	0.229774	1.778232	0.129215
ENSG000001162967	ZNF320	zinc finger	ENSG00000114.86746	-0.18446	1.427767	-0.12919
ENSG000001181227			ENSG0000014.533921	-0.32571	2.521494	-0.12917
ENSG000001118472	ZNF511	zinc finger	ENSG0000014.533921	-0.32571	2.521494	-0.12917
ENSG00000100248100			ENSG0000014.533921	-0.32571	2.521494	-0.12917
ENSG000001147807	ZNF524	zinc finger	ENSG0000014.533921	-0.32571	2.521494	-0.12917
ENSG00000125821	MTO1	mitochond	ENSG00000125.05519	-0.14684	1.137682	-0.12907
ENSG000001131474	CHCHD4	coiled-coil-	ENSG00000119.9491	0.160414	1.242893	0.129065
ENSG00000122889	KHDC4	KH domain	ENSG00000139.22245	-0.12512	0.969707	-0.12903
ENSG000001102606465	LOC102606	uncharacte	ENSG0000012.409643	-0.4288	3.324782	-0.12897
ENSG00000100239119			ENSG0000012.409643	-0.4288	3.324782	-0.12897
ENSG00000155779	CFAP44	cilia and fl	ENSG0000012.409643	-0.4288	3.324782	-0.12897
ENSG000001405754	ERVFRD-1	endogeno	ENSG0000012.409643	-0.4288	3.324782	-0.12897
ENSG000001117245	HRASLS5	HRAS like s	ENSG0000012.409643	-0.4288	3.324782	-0.12897
ENSG000001114088	TRIM9	tripartite n	ENSG0000012.409643	-0.4288	3.324782	-0.12897
ENSG000001100507437	LOC100507	uncharacte	ENSG0000012.409643	-0.4288	3.324782	-0.12897
ENSG00000100235160			ENSG0000012.409643	-0.4288	3.324782	-0.12897
ENSG00000100259532			ENSG0000012.409643	-0.4288	3.324782	-0.12897
ENSG00000110518	CIB2	calcium an	ENSG0000012.409643	-0.4288	3.324782	-0.12897
ENSG000001100288122	LDLRAD4-A	LDLRAD4 a	ENSG0000012.409643	-0.4288	3.324782	-0.12897
ENSG000001729950	LINC01915	long interg	ENSG0000012.409643	-0.4288	3.324782	-0.12897
ENSG00000165249	ZSWIM4	zinc finger	ENSG0000012.409643	-0.4288	3.324782	-0.12897
ENSG0000018451	CUL4A	cullin 4A	ENSG000001188.0547	0.079218	0.615006	0.128808
ENSG00000127115	PDE7B	phosphodi	ENSG00000131.20138	0.13351	1.036776	0.128774
ENSG00000155892	MYNN	myoneurin	ENSG00000112.82741	-0.19529	1.517193	-0.12872
ENSG00000155929	DMAP1	DNA meth	ENSG00000119.01924	-0.16734	1.302213	-0.1285
ENSG00000183548	COG3	componen	ENSG00000138.69409	0.122481	0.954031	0.128383
ENSG00000155088	CCDC186	coiled-coil	ENSG00000169.4877	-0.10046	0.783391	-0.12823
ENSG000001257396	LOC257396	uncharacte	ENSG0000015.115767	0.31369	2.446823	0.128203
ENSG00000154718	BTN2A3P	butyrophili	ENSG0000015.115767	0.31369	2.446823	0.128203
ENSG00000111123	RCAN3	RCAN fami	ENSG00000116.22223	0.178764	1.39497	0.128149
ENSG00000151334	PRR16	proline ric	ENSG0000018.691978	-0.23376	1.824691	-0.12811
ENSG000001254428	SLC41A1	solute carr	ENSG000001699.6637	-0.0663	0.517826	-0.12803
ENSG0000015250	SLC25A3	solute carr	ENSG000001618.1746	0.067043	0.523865	0.127978
ENSG000001100271836	SMG1P3	SMG1 pset	ENSG00000112.81106	-0.19864	1.553812	-0.12784

ENSG00000183480	PUS3	pseudouric	ENSG00000183480	8.742068	0.23391	1.831356	0.127725
ENSG0000014836	NMT1	N-myristoy	ENSG0000014836	85.54292	-0.09359	0.732874	-0.1277
ENSG00000123646	PLD3	phospholip	ENSG00000123646	69.44872	-0.09972	0.780881	-0.1277
ENSG00000179033	ERI3	ERI1 exorik	ENSG00000179033	27.45816	0.138999	1.088978	0.127642
ENSG00000129087	THYN1	thymocyte	ENSG00000129087	27.45816	0.138999	1.088978	0.127642
ENSG00000180025	PANK2	pantotheni	ENSG00000180025	23.67597	0.147828	1.159226	0.127523
ENSG0000019702	CEP57	centrosom	ENSG0000019702	31.10748	-0.13305	1.04351	-0.12751
ENSG000001197342	EME2	essential r	ENSG000001197342	6.61295	-0.26514	2.081049	-0.12741
ENSG00000156929	FEM1C	fem-1 hom	ENSG00000156929	123.7236	0.086835	0.681639	0.127391
ENSG000001101927221	UBR5-AS1	UBR5 antis	ENSG000001101927221	4.550269	-0.3151	2.475523	-0.12729
ENSG0000017544	ZFY	zinc finger	ENSG0000017544	25.58655	0.142326	1.119816	0.127098
ENSG0000018546	AP3B1	adaptor rel	ENSG0000018546	53.40985	-0.11006	0.866458	-0.12702
ENSG00000155288	RHOT1	ras homolc	ENSG00000155288	65.41386	-0.10117	0.796799	-0.12697
ENSG0000018574	AKR7A2	aldo-keto r	ENSG0000018574	14.88381	-0.18144	1.429599	-0.12692
ENSG0000011193	CLIC2	chloride in	ENSG0000011193	21.80436	0.152427	1.202135	0.126797
ENSG00000184838	ZNF496	zinc finger	ENSG00000184838	25.01621	-0.14522	1.145347	-0.12679
ENSG00000154621	VSIG10	V-set and i	ENSG00000154621	25.01621	-0.14522	1.145347	-0.12679
ENSG00000110806	SDCCAG8	serological	ENSG00000110806	40.64365	0.11892	0.938422	0.126723
ENSG00000164769	MEAF6	MYST/Esa1	ENSG00000164769	20.95873	-0.15478	1.225512	-0.1263
ENSG00000184105	PCBD2	pterin-4 al	ENSG00000184105	19.93275	0.157875	1.251964	0.126102
ENSG00000110085993C	HEIH	hepatocell	ENSG00000110085993C	10.74838	-0.20696	1.641899	-0.12605
ENSG00000110623	POLR3C	RNA polym	ENSG00000110623	14.84484	-0.17898	1.421966	-0.12587
ENSG0000016871	TADA2A	transcripti	ENSG0000016871	14.84484	-0.17898	1.421966	-0.12587
ENSG0000010234473			ENSG0000010234473	4.511296	-0.30816	2.450733	-0.12574
ENSG00000179797	ZNF408	zinc finger	ENSG00000179797	4.511296	-0.30816	2.450733	-0.12574
ENSG000001146540	ZNF785	zinc finger	ENSG000001146540	4.511296	-0.30816	2.450733	-0.12574
ENSG000001203069	R3HCC1	R3H domai	ENSG000001203069	19.97172	0.155931	1.240393	0.125711
ENSG00000110787	NCKAP1	NCK associ	ENSG00000110787	318.0752	-0.06927	0.551194	-0.12567
ENSG00000190333	ZNF468	zinc finger	ENSG00000190333	12.48529	0.192545	1.53273	0.125622
ENSG0000017336	UBE2V2	ubiquitin c	ENSG0000017336	29.06742	-0.13429	1.070694	-0.12543
ENSG00000129843	SENP1	SUMO spe	ENSG00000129843	20.94238	-0.15663	1.249286	-0.12537
ENSG00000128984	RGCC	regulator c	ENSG00000128984	36.63521	0.143122	1.142172	0.125307
ENSG00000130832	ZNF354C	zinc finger	ENSG00000130832	14.3569	0.179876	1.435828	0.125277
ENSG00000179753	SNIP1	Smad nucl	ENSG00000179753	16.2285	0.170088	1.358195	0.125231
ENSG000001134187	POU5F2	POU doma	ENSG000001134187	6.971029	0.247118	1.973407	0.125224
ENSG000001441191	RNF216P1	ring finger	ENSG000001441191	6.971029	0.247118	1.973407	0.125224
ENSG000001148423	C1orf52	chromosor	ENSG000001148423	12.52426	0.189739	1.516428	0.125123
ENSG00000110128	LRPPRC	leucine ric	ENSG00000110128	196.0265	-0.07658	0.612666	-0.125
ENSG00000184775	ZNF607	zinc finger	ENSG00000184775	8.708326	-0.22822	1.826114	-0.12498
ENSG000001285313	IGSF10	immunogl	ENSG000001285313	27.2633	0.147613	1.182326	0.124849
ENSG0000012957	GTF2A1	general tra	ENSG0000012957	59.2899	-0.1037	0.83073	-0.12484
ENSG000001151449	GDF7	growth dif	ENSG000001151449	6.629297	-0.25775	2.071765	-0.12441
ENSG00000179663	HSPBAP1	HSPB1 assc	ENSG00000179663	10.73203	-0.21092	1.696971	-0.12429
ENSG00000122832	CEP162	centrosom	ENSG00000122832	14.39587	0.177406	1.427454	0.124281
ENSG000001221264	AK9	adenylate |	ENSG000001221264	14.39587	0.177406	1.427454	0.124281
ENSG00000179171	RBM42	RNA bindir	ENSG00000179171	14.39587	0.177406	1.427454	0.124281
ENSG00000191607	SLFN11	schlafen fa	ENSG00000191607	67.33072	-0.09785	0.787751	-0.12422

ENSG0000013512	JCHAIN	joining cha	ENSG0000017.756892	-0.57734	4.648942	-0.12419
ENSG00000151082	POLR1D	RNA polym	ENSG00000136.88408	0.120499	0.971445	0.124041
ENSG000001284361	EMC10	ER membr	ENSG00000136.91678	0.12255	0.988451	0.123981
ENSG0000015922	RASA2	RAS p21 pr	ENSG00000127.36387	0.140755	1.136074	0.123896
ENSG00000156935	SMCO4	single-pass	ENSG00000110.69162	0.203144	1.640919	0.123799
ENSG0000016464	SHC1	SHC adapt	ENSG00000145.18424	-0.11185	0.903741	-0.12376
ENSG000001399665	FAM102A	family with	ENSG00000112.80478	-0.18889	1.527506	-0.12366
ENSG00000155197	RPRD1A	regulation	ENSG00000172.769	0.09801	0.79278	0.123628
ENSG0000012971	GTF3A	general tra	ENSG000001118.1954	0.08285	0.670299	0.123602
ENSG00000151244	CCDC174	coiled-coil	ENSG00000123.69859	0.144197	1.169551	0.123292
ENSG000001302	ANXA2	annexin A2	ENSG000001197.7095	-0.07362	0.597446	-0.12322
ENSG000001203427	SLC25A43	solute carr	ENSG0000016.590325	-0.25279	2.053186	-0.12312
ENSG000001115123	MARCH3	membrane	ENSG00000116.86855	-0.17337	1.408178	-0.12312
ENSG00000100217488			ENSG0000012.37067	-0.41632	3.382859	-0.12307
ENSG00000100229268			ENSG0000012.37067	-0.41632	3.382859	-0.12307
ENSG00000164077	LHPP	phospholy	ENSG0000012.37067	-0.41632	3.382859	-0.12307
ENSG00000100260285			ENSG0000012.37067	-0.41632	3.382859	-0.12307
ENSG00000100261336			ENSG0000012.37067	-0.41632	3.382859	-0.12307
ENSG000001399473	SPRED3	sprouty rel	ENSG0000012.37067	-0.41632	3.382859	-0.12307
ENSG00000157106	NAT14	N-acetyltra	ENSG0000012.37067	-0.41632	3.382859	-0.12307
ENSG000001908	CCT6A	chaperonir	ENSG00000167.08878	0.097207	0.790086	0.123033
ENSG0000014194	MDM4	MDM4, p5	ENSG000001109.4504	-0.08469	0.688903	-0.12294
ENSG0000016249	CLIP1	CAP-Gly dc	ENSG000001230.1339	0.07209	0.58641	0.122935
ENSG00000157343	ZNF304	zinc finger	ENSG00000122.99251	-0.14611	1.188556	-0.12293
ENSG0000016935	ZEB1	zinc finger	ENSG000001235.876	-0.07183	0.584623	-0.12287
ENSG000001777	CACNA1E	calcium vo	ENSG0000016.791466	-0.30244	2.462326	-0.12283
ENSG00000180169	CTC1	CST telomε	ENSG00000129.33605	0.131706	1.072841	0.122764
ENSG00000125832	NBPF14	NBPF mem	ENSG00000110.70941	-0.20368	1.66053	-0.12266
ENSG00000155699	IARS2	isoleucyl-tf	ENSG000001105.0037	0.084458	0.688769	0.122622
ENSG000001219699	UNC5B	unc-5 netri	ENSG00000123.03148	-0.14799	1.207315	-0.12258
ENSG00000155623	THUMPD1	THUMP do	ENSG00000163.26317	-0.09995	0.815429	-0.12258
ENSG000001222484	LNX2	ligand of n	ENSG00000125.04891	-0.1422	1.160375	-0.12255
ENSG00000154799	MBTD1	mbt domai	ENSG00000118.8797	-0.15691	1.281523	-0.12244
ENSG0000014534	MTM1	myotubula	ENSG00000118.8797	-0.15691	1.281523	-0.12244
ENSG000001116362	RBP7	retinol bin	ENSG00000112.76581	-0.18611	1.520037	-0.12244
ENSG0000019973	CCS	copper cha	ENSG00000112.76581	-0.18611	1.520037	-0.12244
ENSG0000017626	ZNF75D	zinc finger	ENSG00000112.76581	-0.18611	1.520037	-0.12244
ENSG00000110458	BAIAP2	BAI1 assoc	ENSG00000114.41222	0.180861	1.477552	0.122406
ENSG0000015803	PTPRZ1	protein tyr	ENSG0000013.351006	0.337087	2.755057	0.122352
ENSG00000100263443			ENSG0000013.351006	0.337087	2.755057	0.122352
ENSG0000015715	PSMD9	proteasom	ENSG0000013.351006	0.337087	2.755057	0.122352
ENSG000001100287616	LOXL1-AS1	LOXL1 anti	ENSG0000013.351006	0.337087	2.755057	0.122352
ENSG000001254863	TMEM256	transmeml	ENSG0000013.351006	0.337087	2.755057	0.122352
ENSG00000192703	TMEM183	transmeml	ENSG00000121.86596	0.146599	1.198243	0.122345
ENSG00000110616	RBCK1	RANBP2-ty	ENSG00000122.95353	-0.14436	1.179987	-0.12234
ENSG0000011163	CKS1B	CDC28 pro	ENSG0000015.161017	0.276494	2.261832	0.122243
ENSG0000019162	DGKI	diacylglyce	ENSG0000015.161017	0.276494	2.261832	0.122243

ENSG000001286257	PAXX	PAXX, non-	ENSG0000015161017	0.276494	2.261832	0.122243
ENSG00000159307	SIGIRR	single Ig ar	ENSG0000015161017	0.276494	2.261832	0.122243
ENSG00000110149	ADGRG2	adhesion G	ENSG0000015161017	0.276494	2.261832	0.122243
ENSG00000157631	LRCH2	leucine ricl	ENSG0000017010002	0.24268	1.985352	0.122235
ENSG00000110198	MPHOSPH1	M-phase p	ENSG0000013505145	0.120708	0.988477	0.122115
ENSG0000017738	ZNF184	zinc finger	ENSG0000011256323	0.186925	1.531179	0.122079
ENSG00000154947	LPCAT2	lysophospt	ENSG0000012497096	-0.13886	1.138975	-0.12192
ENSG0000016738	TROVE2	TROVE don	ENSG0000011254541	-0.08027	0.659191	-0.12177
ENSG00000110528	NOP56	NOP56 ribc	ENSG0000013909298	-0.11623	0.954656	-0.12175
ENSG0000016942	TCF20	transcripti	ENSG0000015384169	0.104491	0.859039	0.121637
ENSG00000126263	FBXO22	F-box protc	ENSG0000012508788	-0.1441	1.184885	-0.12161
ENSG00000126007	TKFC	triokinase ;	ENSG0000018842638	0.215281	1.770588	0.121587
ENSG000001114799	ESCO1	establishm	ENSG0000013505812	-0.12084	0.994605	-0.1215
ENSG000001163	AP2B1	adaptor rel	ENSG0000011976806	-0.073	0.601904	-0.12128
ENSG0000016234	RPS28	ribosomal |	ENSG0000013690671	0.118258	0.976491	0.121105
ENSG00000125976	TIPARP	TCDD indu	ENSG0000016909365	0.095185	0.786167	0.121075
ENSG00000157590	WDFY1	WD repeat	ENSG0000015015379	0.104961	0.86715	0.121041
ENSG000001648	BMI1	BMI1 protc	ENSG0000011812274	0.157384	1.304114	0.120683
ENSG0000015876	RABGGTB	Rab gerany	ENSG0000013885626	0.114761	0.95133	0.120632
ENSG0000015534	PPP3R1	protein ph	ENSG0000011630645	0.165515	1.372297	0.120612
ENSG000001375	ARF1	ADP ribosy	ENSG0000011619754	0.075816	0.630412	0.120265
ENSG00000196764	TGS1	trimethylg	ENSG0000012493199	-0.13726	1.14169	-0.12023
ENSG00000123239	PHLPP1	PH domain	ENSG0000011478324	-0.17101	1.424866	-0.12002
ENSG0000016720	SREBF1	sterol regu	ENSG0000012545329	0.146549	1.2231	0.119818
ENSG00000123518	R3HDM1	R3H domai	ENSG0000012896685	-0.12873	1.075404	-0.1197
ENSG000001100129842	ZNF737	zinc finger	ENSG000001863038	-0.22029	1.840509	-0.11969
ENSG00000111112	HIBADH	3-hydroxyi	ENSG0000017669322	0.089899	0.753464	0.119314
ENSG0000018450	CUL4B	cullin 4B	ENSG0000015516454	-0.10039	0.842227	-0.1192
ENSG00000123708	GSPT2	G1 to S pha	ENSG0000011272684	-0.18326	1.537863	-0.11917
ENSG000001200931	SLC51A	solute carr	ENSG0000011068678	-0.19604	1.646252	-0.11908
ENSG000001138716	RPP25L	ribonuclea	ENSG0000011068678	-0.19604	1.646252	-0.11908
ENSG000001283209	PGM2L1	phosphogl	ENSG0000011068678	-0.19604	1.646252	-0.11908
ENSG00000179143	MBOAT7	membrane	ENSG0000011068678	-0.19604	1.646252	-0.11908
ENSG000001100463486	MTRNR2L8	MT-RNR2 |	ENSG0000011893502	-0.15697	1.321745	-0.11876
ENSG0000012995	GYPC	glycophori	ENSG0000016721197	0.09338	0.787954	0.118509
ENSG0000015592	PRKG1	protein kin	ENSG0000016721197	0.09338	0.787954	0.118509
ENSG0000017068	THRB	thyroid hor	ENSG0000013906028	-0.11758	0.993625	-0.11833
ENSG0000012043	EPHA4	EPH recept	ENSG0000013903138	-0.11312	0.955957	-0.11833
ENSG00000151098	IFT52	intraflagell	ENSG0000018881611	0.21156	1.788952	0.118259
ENSG00000150805	IRX4	iroquois hc	ENSG000001519999	0.270732	2.289778	0.118235
ENSG0000015026	P2RX5	purinergic	ENSG000001519999	0.270732	2.289778	0.118235
ENSG00000151321	AMZ2	archaelysir	ENSG0000014457166	0.108031	0.914363	0.118148
ENSG0000019278	ZBTB22	zinc finger	ENSG0000011445747	0.168587	1.426937	0.118146
ENSG000001144100	PLEKHA7	pleckstrin |	ENSG00000139235	-0.12888	1.09128	-0.1181
ENSG000001902	CCNH	cyclin H	ENSG0000013499652	-0.11739	0.995822	-0.11788
ENSG00000123398	PPWD1	peptidylpr	ENSG0000012289194	-0.13915	1.180453	-0.11788
ENSG000001114625	ERMAP	erythrobla	ENSG0000018646728	-0.21471	1.822631	-0.1178

ENSG00000152573	SHISA3	shisa family	ENSG00000152573	8.646728	-0.21471	1.822631	-0.1178
ENSG00000266655	BRD3OS	BRD3 oppo	ENSG00000266655	8.646728	-0.21471	1.822631	-0.1178
ENSG0000010607	TBL3	transducin	ENSG0000010607	8.646728	-0.21471	1.822631	-0.1178
ENSG0000083872	HMCN1	hemacentri	ENSG0000083872	71.02058	0.094524	0.802457	0.117793
ENSG0000065059	RAPH1	Ras associa	ENSG0000065059	24.89302	-0.1356	1.153531	-0.11755
ENSG0000079726	WDR59	WD repeat	ENSG0000079726	28.94423	-0.126	1.072289	-0.11751
ENSG000001793	DOCK1	dedicator c	ENSG000001793	71.16444	-0.09171	0.780489	-0.1175
ENSG00000158135	TTLL11	tubulin tyr	ENSG00000158135	6.551352	-0.24748	2.109099	-0.11734
ENSG000006943	TCF21	transcripti	ENSG000006943	4.488671	-0.28961	2.468837	-0.11731
ENSG0000029948	OSGIN1	oxidative s	ENSG0000029948	4.488671	-0.28961	2.468837	-0.11731
ENSG00000252983	STXBP4	syntaxin bi	ENSG00000252983	18.8181	-0.1506	1.284397	-0.11726
ENSG0000029890	RBM15B	RNA bindir	ENSG0000029890	34.98017	-0.11831	1.010386	-0.11709
ENSG000005138	PDE2A	phosphodi	ENSG000005138	35.05184	-0.11766	1.006131	-0.11695
ENSG000005586	PKN2	protein kin	ENSG000005586	81.20007	-0.08684	0.743147	-0.11686
ENSG0000010025	MED16	mediator c	ENSG0000010025	14.74427	-0.16848	1.441902	-0.11685
ENSG000008886	DDX18	DEAD-box	ENSG000008886	49.05693	-0.10299	0.882396	-0.11672
ENSG000002188	FANCF	FA comple	ENSG000002188	7.032627	0.228857	1.963233	0.116571
ENSG0000079004	CUEDC2	CUE domai	ENSG0000079004	33.03441	-0.12018	1.032276	-0.11642
ENSG00000131583	FAM43A	family with	ENSG00000131583	6.567699	-0.2401	2.067951	-0.11611
ENSG0000055775	TDP1	tyrosyl-DN	ENSG0000055775	6.567699	-0.2401	2.067951	-0.11611
ENSG0000029998	BICRA	BRD4 inter	ENSG0000029998	6.567699	-0.2401	2.067951	-0.11611
ENSG00000269958			ENSG00000269958	8.607755	-0.21083	1.816823	-0.11605
ENSG00000140823	ROMO1	reactive ox	ENSG00000140823	8.607755	-0.21083	1.816823	-0.11605
ENSG0000050628	GEMIN4	gem nucle	ENSG0000050628	14.76062	-0.16545	1.427491	-0.1159
ENSG000007994	KAT6A	lysine acet	ENSG000007994	147.2372	-0.07399	0.638875	-0.11582
ENSG0000083875	BCO2	beta-carot	ENSG0000083875	67.32889	0.091098	0.786637	0.115807
ENSG000001962	EHHADH	enoyl-CoA	ENSG000001962	23.80924	0.143761	1.241571	0.11579
ENSG0000060343	FAM3A	family with	ENSG0000060343	20.09492	0.143257	1.237592	0.115755
ENSG0000055007	FAM118A	family with	ENSG0000055007	29.28073	0.132616	1.145829	0.115738
ENSG0000055137	FIGN	fidgetin, m	ENSG0000055137	30.92268	-0.12139	1.050096	-0.1156
ENSG000009933	PUM3	pumilio RN	ENSG000009933	26.88782	-0.12821	1.109206	-0.11559
ENSG00000197320	ZNF778	zinc finger	ENSG00000197320	18.14536	0.15266	1.324369	0.11527
ENSG00000150274	HSCB	HscB mitoc	ENSG00000150274	4.472324	-0.29976	2.602541	-0.11518
ENSG0000056655	POLE4	DNA polyr	ENSG0000056655	10.64781	-0.19267	1.673038	-0.11516
ENSG0000010856	RUVBL2	RuvB like A	ENSG0000010856	20.11127	0.145583	1.266042	0.114991
ENSG00000889	KRIT1	KRIT1, ank	ENSG00000889	54.08181	0.097007	0.844289	0.114898
ENSG000007046	TGFBR1	transformi	ENSG000007046	48.28846	0.103179	0.898247	0.114867
ENSG000003939	LDHA	lactate deh	ENSG000003939	310.2399	0.064681	0.563169	0.114851
ENSG000009416	DDX23	DEAD-box	ENSG000009416	63.5467	0.091834	0.799637	0.114844
ENSG00000224950			ENSG00000224950	3.389979	0.328198	2.859345	0.114781
ENSG00000101927377	LOC101927	uncharacte	ENSG00000101927377	3.389979	0.328198	2.859345	0.114781
ENSG000008402	SLC25A11	solute carr	ENSG000008402	82.48028	0.087529	0.763159	0.114694
ENSG0000054933	RHBDL2	rhomboid	ENSG0000054933	2.348045	-0.38163	3.328204	-0.11467
ENSG0000010085241C	ZRANB2-A	ZRANB2 ar	ENSG0000010085241C	2.348045	-0.38163	3.328204	-0.11467
ENSG00000234584			ENSG00000234584	2.348045	-0.38163	3.328204	-0.11467
ENSG0000029994	BAZ2B	bromodorr	ENSG0000029994	2.348045	-0.38163	3.328204	-0.11467
ENSG00000232994			ENSG00000232994	2.348045	-0.38163	3.328204	-0.11467

ENSG000001271646			ENSG000001271646	2.348045	-0.38163	3.328204	-0.11467
ENSG000001271828			ENSG000001271828	2.348045	-0.38163	3.328204	-0.11467
ENSG0000012740	GLP1R	glucagon li	ENSG0000012740	2.348045	-0.38163	3.328204	-0.11467
ENSG000001237742			ENSG000001237742	2.348045	-0.38163	3.328204	-0.11467
ENSG000001272760			ENSG000001272760	2.348045	-0.38163	3.328204	-0.11467
ENSG000001643827	CNTNAP3P	contactin a	ENSG000001643827	2.348045	-0.38163	3.328204	-0.11467
ENSG000001262119			ENSG000001262119	2.348045	-0.38163	3.328204	-0.11467
ENSG000001258461			ENSG000001258461	2.348045	-0.38163	3.328204	-0.11467
ENSG000001101929387	LMF1-AS1	LMF1 antis	ENSG000001101929387	2.348045	-0.38163	3.328204	-0.11467
ENSG000001146227	BEAN1	brain expr	ENSG000001146227	2.348045	-0.38163	3.328204	-0.11467
ENSG000001239	ALOX12	arachidona	ENSG000001239	2.348045	-0.38163	3.328204	-0.11467
ENSG000001215030			ENSG000001215030	2.348045	-0.38163	3.328204	-0.11467
ENSG000001266987			ENSG000001266987	2.348045	-0.38163	3.328204	-0.11467
ENSG0000011236	CCR7	C-C motif c	ENSG0000011236	2.348045	-0.38163	3.328204	-0.11467
ENSG000001267503			ENSG000001267503	2.348045	-0.38163	3.328204	-0.11467
ENSG0000013249	HPN	hepsin	ENSG0000013249	2.348045	-0.38163	3.328204	-0.11467
ENSG00000129844	TFPT	TCF3 fusio	ENSG00000129844	2.348045	-0.38163	3.328204	-0.11467
ENSG000001284312	ZSCAN1	zinc finger	ENSG000001284312	2.348045	-0.38163	3.328204	-0.11467
ENSG00000155689	YEATS2	YEATS dom	ENSG00000155689	40.75678	0.108861	0.949387	0.114664
ENSG00000157446	NDRG3	NDRG fami	ENSG00000157446	44.60056	0.103611	0.90557	0.114415
ENSG000001283638	CEP170B	centrosom	ENSG000001283638	16.3517	0.154505	1.350972	0.114365
ENSG0000017874	USP7	ubiquitin s	ENSG0000017874	150.8815	0.072035	0.62995	0.114351
ENSG000001151188	ARL6IP6	ADP ribosy	ENSG000001151188	8.865263	0.20465	1.789847	0.11434
ENSG000001132989	C4orf36	chromosor	ENSG000001132989	16.3228	0.167447	1.465554	0.114255
ENSG000001101410535	LAMTOR5-	LAMTOR5 ;	ENSG000001101410535	4.449698	-0.28271	2.474667	-0.11424
ENSG000001347902	AMIGO2	adhesion n	ENSG000001347902	4.449698	-0.28271	2.474667	-0.11424
ENSG0000016302	TSPAN31	tetraspanir	ENSG0000016302	18.79548	-0.14628	1.283252	-0.11399
ENSG0000014714	NDUFB8	NADH:ubic	ENSG0000014714	10.66416	-0.18826	1.65188	-0.11397
ENSG0000015682	PSMA1	proteasom	ENSG0000015682	10.66416	-0.18826	1.65188	-0.11397
ENSG00000157567	ZNF319	zinc finger	ENSG00000157567	10.66416	-0.18826	1.65188	-0.11397
ENSG000001128869	PIGU	phosphatic	ENSG000001128869	10.66416	-0.18826	1.65188	-0.11397
ENSG0000019907	AP5Z1	adaptor rel	ENSG0000019907	6.528727	-0.23518	2.065059	-0.11389
ENSG000001318	NUDT2	nudix hydr	ENSG000001318	6.528727	-0.23518	2.065059	-0.11389
ENSG000001284406	ZFP82	ZFP82 zinc	ENSG000001284406	6.528727	-0.23518	2.065059	-0.11389
ENSG00000110914	PAPOLA	poly(A) pol	ENSG00000110914	167.1526	-0.0703	0.617301	-0.11388
ENSG00000181614	NIPA2	NIPA magn	ENSG00000181614	14.48009	0.162255	1.42498	0.113864
ENSG000001158586	ZXDB	zinc finger	ENSG000001158586	14.48009	0.162255	1.42498	0.113864
ENSG000001122961	ISCA2	iron-sulfur	ENSG000001122961	8.904236	0.200928	1.765769	0.113791
ENSG00000184612	PARD6B	par-6 famil	ENSG00000184612	8.904236	0.200928	1.765769	0.113791
ENSG00000190736	FAM104B	family with	ENSG00000190736	8.904236	0.200928	1.765769	0.113791
ENSG0000015547	PRCP	prolylcarb	ENSG0000015547	50.26064	0.099238	0.872315	0.113764
ENSG00000122827	PUF60	poly(U) bin	ENSG00000122827	34.99024	-0.11419	1.004358	-0.11369
ENSG00000110687	PNMA2	PNMA fam	ENSG00000110687	10.73687	0.185672	1.633305	0.113679
ENSG0000015965	RECQL	RecQ like h	ENSG0000015965	28.88263	-0.12184	1.073631	-0.11348
ENSG0000019469	CHST3	carbohydr	ENSG0000019469	67.36159	0.091729	0.808662	0.113433
ENSG00000189122	TRIM4	tripartite n	ENSG00000189122	26.8652	-0.12526	1.105168	-0.11334
ENSG0000019354	UBE4A	ubiquitinat	ENSG0000019354	95.84677	0.079868	0.706075	0.113116

ENSG00000154928	IMPAD1	inositol mc	ENSG00000158.52	0.070401	0.623114	0.112983
ENSG00000123291	FBXW11	F-box and	ENSG000001124.342	0.074401	0.65921	0.112864
ENSG00000180233	FAAP100	FA core cor	ENSG00000110.77585	0.182551	1.62317	0.112466
ENSG00000151531	TRMO	tRNA meth	ENSG00000112.66524	-0.17394	1.548253	-0.11235
ENSG0000011946	EFNA5	ephrin A5	ENSG00000125.755	0.125661	1.119443	0.112253
ENSG00000155061	SUSD4	sushi domæ	ENSG0000015.222615	0.251793	2.246931	0.112061
ENSG000001130162	CLHC1	clathrin he	ENSG0000015.222615	0.251793	2.246931	0.112061
ENSG000001100131211	NEMP2	nuclear en	ENSG0000015.222615	0.251793	2.246931	0.112061
ENSG00000180194	TMEM134	transmeml	ENSG0000015.222615	0.251793	2.246931	0.112061
ENSG00000129985	SLC39A3	solute carr	ENSG0000015.222615	0.251793	2.246931	0.112061
ENSG00000164860	ARMCX5	armadillo r	ENSG0000015.222615	0.251793	2.246931	0.112061
ENSG00000126012	NSMF	NMDA recæ	ENSG00000110.62519	-0.18504	1.652354	-0.11199
ENSG0000019477	MED20	mediator c	ENSG00000114.51906	0.159809	1.427631	0.11194
ENSG0000013093	UBE2K	ubiquitin c	ENSG00000171.21793	0.086453	0.772772	0.111874
ENSG000001102	ADAM10	ADAM met	ENSG000001135.0811	-0.07238	0.647464	-0.11178
ENSG00000123463	ICMT	isoprenylc	ENSG00000199.04895	-0.07855	0.702874	-0.11175
ENSG0000018202	NCOA3	nuclear rec	ENSG000001157.0554	-0.07043	0.631008	-0.11162
ENSG0000018434	RECK	reversion i	ENSG00000122.79136	-0.13218	1.187908	-0.11127
ENSG0000013575	IL7R	interleukin	ENSG00000114.30158	0.181545	1.632059	0.111237
ENSG000001131566	DCBLD2	discoidin, C	ENSG00000183.08802	-0.08253	0.742049	-0.11122
ENSG00000151144	HSD17B12	hydroxyste	ENSG00000135.23624	0.109848	0.987807	0.111204
ENSG00000123216	TBC1D1	TBC1 domæ	ENSG000001145.3219	0.070918	0.637984	0.11116
ENSG00000180833	APOL3	apolipopro	ENSG00000167.02339	0.096541	0.868833	0.111115
ENSG0000018665	EIF3F	eukaryotic	ENSG00000193.99779	0.078851	0.70982	0.111085
ENSG0000012932	GSK3B	glycogen s	ENSG000001128.2248	0.072942	0.657693	0.110905
ENSG000001144717	PHETA1	PH domain	ENSG00000114.73799	-0.15994	1.442498	-0.11088
ENSG000001372	ARCN1	archain 1	ENSG000001143.0113	-0.07083	0.639796	-0.11071
ENSG00000100279738			ENSG0000015.183643	0.258168	2.336873	0.110476
ENSG00000184329	HVCN1	hydrogen v	ENSG00000112.75953	-0.17681	1.60128	-0.11042
ENSG0000019792	SERTAD2	SERTA dom	ENSG00000134.92864	-0.1107	1.002734	-0.1104
ENSG0000016293	VPS52	VPS52, GAI	ENSG00000133.35835	0.114368	1.035978	0.110396
ENSG0000014863	NPAT	nuclear prc	ENSG00000132.85589	-0.11257	1.021951	-0.11015
ENSG000001203228	C9orf72	chromosor	ENSG00000127.61026	0.12203	1.109513	0.109985
ENSG00000110598	AHSA1	activator o	ENSG00000156.06026	0.091744	0.834634	0.109921
ENSG0000013185	HNRNPF	heterogenæ	ENSG000001107.001	0.079898	0.727047	0.109894
ENSG000001342035	GLDN	gliomedin	ENSG00000118.74016	-0.14616	1.330603	-0.10985
ENSG0000015859	QARS	glutaminyl	ENSG000001100.9884	-0.07737	0.70481	-0.10977
ENSG00000127090	ST6GALNA	ST6 N-acet	ENSG0000018.943209	0.197084	1.796465	0.109706
ENSG00000154504	CPVL	carboxype	ENSG00000163.5756	0.089012	0.811901	0.109633
ENSG00000184444	DOT1L	DOT1 like	ENSG00000112.64262	-0.16757	1.529692	-0.10954
ENSG000001255631	COL24A1	collagen ty	ENSG0000013.412604	0.298843	2.728534	0.109525
ENSG000001101927217	LINC01473	long interg	ENSG0000013.412604	0.298843	2.728534	0.109525
ENSG00000100214439			ENSG0000013.412604	0.298843	2.728534	0.109525
ENSG00000164410	KLHL25	kelch like f	ENSG0000013.412604	0.298843	2.728534	0.109525
ENSG00000100273284			ENSG0000013.412604	0.298843	2.728534	0.109525
ENSG00000179149	ZSCAN5A	zinc finger	ENSG0000013.412604	0.298843	2.728534	0.109525
ENSG0000015479	PPIB	peptidylprc	ENSG00000116.7001	-0.15015	1.372155	-0.10943

ENSG00000184259	DCUN1D5	defective in	ENSG00000167164	16.71645	-0.1476	1.349301	-0.10939
ENSG00000194031	HTRA3	HtrA serine	ENSG00000167428	67.42881	-0.09695	0.886698	-0.10933
ENSG0000014139	MARK1	microtubul	ENSG00000132872	32.87224	-0.11147	1.020989	-0.10918
ENSG00000164207	IRF2BPL	interferon	ENSG00000126803	26.8036	-0.12078	1.106835	-0.10912
ENSG0000015524	PTPA	protein ph	ENSG00000186482	86.48245	0.079659	0.730243	0.109085
ENSG0000015898	RALA	RAS like pr	ENSG00000129592	29.59251	0.119872	1.10068	0.108907
ENSG00000157584	ARHGAP21	Rho GTPas	ENSG00000117961	179.613	0.066182	0.607734	0.1089
ENSG00000122846	VASH1	vasohibin 1	ENSG00000116413	16.4133	0.146776	1.348921	0.10881
ENSG00000164855	FAM129B	family with	ENSG00000152939	52.93969	-0.09296	0.854592	-0.10878
ENSG0000011466	CSRP2	cysteine ar	ENSG00000122768	22.76874	-0.12866	1.182941	-0.10876
ENSG00000123481	PES1	pescadillo	ENSG00000118717	18.71753	-0.14212	1.306933	-0.10874
ENSG00000155671	PPP4R3A	protein ph	ENSG00000171246	71.24684	0.083966	0.774304	0.108441
ENSG000001198744			ENSG00000110814	10.81482	0.179206	1.652951	0.108416
ENSG00000179725	THAP9	THAP dom	ENSG00000170552	7.055252	0.215326	1.988773	0.108271
ENSG000001121457	IKBIP	IKBKB inter	ENSG00000170552	7.055252	0.215326	1.988773	0.108271
ENSG00000129116	MYLIP	myosin reg	ENSG00000124769	24.76982	-0.12589	1.163712	-0.10818
ENSG00000125917	THUMPD3	THUMP do	ENSG00000127727	27.72718	0.117443	1.085849	0.108158
ENSG000001831	CAST	calpastatin	ENSG00000161731	617.3176	0.063729	0.589656	0.108079
ENSG0000015527	PPP2R5C	protein ph	ENSG00000118540	185.4064	0.065183	0.603228	0.108058
ENSG00000179706	PRKRIP1	PRKR inter	ENSG00000114660	14.66005	-0.15494	1.433869	-0.10806
ENSG0000015636	PRPSAP2	phosphorit	ENSG00000114660	14.66005	-0.15494	1.433869	-0.10806
ENSG0000017576	ZNF28	zinc finger	ENSG00000114660	14.66005	-0.15494	1.433869	-0.10806
ENSG00000191947	ARRDC4	arrestin do	ENSG00000139080	39.08003	0.103755	0.960863	0.107982
ENSG0000011786	DNMT1	DNA meth	ENSG00000138846	38.84658	-0.10376	0.961263	-0.10794
ENSG0000013416	IDE	insulin deg	ENSG00000192132	92.13246	0.077603	0.719448	0.107865
ENSG0000015590	PRKCZ	protein kin	ENSG00000170942	7.094225	0.210816	1.957157	0.107715
ENSG00000190850	ZNF598	zinc finger	ENSG00000170942	7.094225	0.210816	1.957157	0.107715
ENSG0000015747	PTK2	protein tyr	ENSG00000113290	132.9015	-0.06999	0.649929	-0.10769
ENSG000001255743	NPNT	nephron ec	ENSG00000110586	10.58621	-0.18154	1.687756	-0.10756
ENSG00000155154	MSTO1	misato 1, n	ENSG00000165061	6.506101	-0.2223	2.067463	-0.10752
ENSG00000155110	MAGOHB	mago hom	ENSG00000165061	6.506101	-0.2223	2.067463	-0.10752
ENSG0000019781	RNF144A	ring finger	ENSG00000130815	30.81584	-0.11239	1.045309	-0.10752
ENSG0000018986	RPS6KA4	ribosomal	ENSG00000112670	12.67008	0.162234	1.510877	0.107377
ENSG000001353088	ZNF429	zinc finger	ENSG00000112670	12.67008	0.162234	1.510877	0.107377
ENSG0000016272	SORT1	sortilin 1	ENSG00000129959	299.591	0.05983	0.557359	0.107346
ENSG0000015140	PDE3B	phosphodi	ENSG00000128954	28.9543	-0.12124	1.132363	-0.10707
ENSG00000180021	TMEM62	transmem	ENSG00000110798	10.79847	0.173888	1.624414	0.107046
ENSG00000160485	SAV1	salvador fa	ENSG00000139008	39.00836	0.103048	0.962847	0.107024
ENSG0000016499	SKIV2L	Ski2 like R	ENSG00000126764	26.76463	-0.11923	1.115949	-0.10684
ENSG00000155540	IL17RB	interleukin	ENSG00000144270	4.427073	-0.26379	2.469858	-0.1068
ENSG0000015754	PTK7	protein tyr	ENSG00000144270	4.427073	-0.26379	2.469858	-0.1068
ENSG000001348645	C22orf34	chromosor	ENSG00000144270	4.427073	-0.26379	2.469858	-0.1068
ENSG00000157728	WDR19	WD repeat	ENSG00000118694	18.69491	-0.13789	1.292387	-0.1067
ENSG000001203238	CCDC171	coiled-coil	ENSG00000165450	6.545074	-0.22797	2.136897	-0.10668
ENSG00000155902	ACSS2	acyl-CoA s	ENSG00000110903	109.033	-0.07432	0.696948	-0.10664
ENSG0000015573	PRKAR1A	protein kin	ENSG00000154442	544.442	-0.0567	0.533076	-0.10637
ENSG000001260077			ENSG00000152615	5.261588	0.24566	2.310059	0.106344

ENSG0000I	ENSG0000I	151790	WDR49	WD repeat	ENSG0000I	5.261588	0.24566	2.310059	0.106344
ENSG0000I	ENSG0000I	79007	DBNDD1	dysbindin c	ENSG0000I	5.261588	0.24566	2.310059	0.106344
ENSG0000I	ENSG0000I	10902	BRD8	bromodom	ENSG0000I	50.36749	0.093605	0.883072	0.105999
ENSG0000I	ENSG0000I	401207	C5orf63	chromosor	ENSG0000I	8.965834	0.1867	1.763633	0.105861
ENSG0000I	ENSG0000I	2647	BLOC1S1	biogenesis	ENSG0000I	8.965834	0.1867	1.763633	0.105861
ENSG0000I	ENSG0000I	10621	POLR3F	RNA polym	ENSG0000I	8.965834	0.1867	1.763633	0.105861
ENSG0000I	ENSG0000I	388789	SMIM26	small integ	ENSG0000I	8.965834	0.1867	1.763633	0.105861
ENSG0000I	ENSG0000I	4087	SMAD2	SMAD fam	ENSG0000I	128.8277	-0.06936	0.655299	-0.10585
ENSG0000I	ENSG0000I	51001	MTERF3	mitochond	ENSG0000I	18.30753	0.136491	1.289478	0.10585
ENSG0000I	ENSG0000I	6907	TBL1X	transducin	ENSG0000I	31.51565	0.109154	1.031392	0.105832
ENSG0000I	ENSG0000I	91875	TTC5	tetratricop	ENSG0000I	14.58066	0.151068	1.42952	0.105677
ENSG0000I	ENSG0000I	10775	POP4	POP4 hom	ENSG0000I	14.58066	0.151068	1.42952	0.105677
ENSG0000I	ENSG0000I	1950	EGF	epidermal	ENSG0000I	22.74611	-0.12511	1.184263	-0.10564
ENSG0000I	ENSG0000I	60436	TGIF2	TGFB induc	ENSG0000I	12.60364	-0.16454	1.56024	-0.10546
ENSG0000I	ENSG0000I	11104	KATNA1	katanin cat	ENSG0000I	12.61999	-0.16101	1.526836	-0.10545
ENSG0000I	ENSG0000I	57107	PDSS2	decaprenyl	ENSG0000I	23.98396	0.121209	1.150281	0.105374
ENSG0000I	ENSG0000I	11165	NUDT3	nudix hydr	ENSG0000I	56.14449	0.088064	0.835802	0.105365
ENSG0000I	ENSG0000I	51759	C9orf78	chromosor	ENSG0000I	28.75943	-0.11347	1.077433	-0.10532
ENSG0000I	ENSG0000I	51154	MRT04	MRT4 hom	ENSG0000I	12.70905	0.159505	1.515359	0.105259
ENSG0000I	ENSG0000I	84717	HDGFL2	HDGF like	ENSG0000I	16.69382	-0.1427	1.356836	-0.10517
ENSG0000I	ENSG0000I	23309	SIN3B	SIN3 trans	ENSG0000I	37.17573	0.102288	0.972956	0.105131
ENSG0000I	ENSG0000I	63935	PCIF1	PDX1 C-ter	ENSG0000I	22.07338	0.125313	1.19507	0.104858
ENSG0000I	ENSG0000I	29855	UBN1	ubinnuclein	ENSG0000I	108.8935	-0.07209	0.688624	-0.10469
ENSG0000I	ENSG0000I	8646	CHRD	chordin	ENSG0000I	6.467129	-0.21734	2.081159	-0.10443
ENSG0000I	ENSG0000I	705	BYSL	bystin like	ENSG0000I	6.467129	-0.21734	2.081159	-0.10443
ENSG0000I	ENSG0000I	4076	CAPRIN1	cell cycle a	ENSG0000I	192.6991	-0.06275	0.60142	-0.10434
ENSG0000I	ENSG0000I	3615	IMPDH2	inosine mo	ENSG0000I	63.54291	0.088564	0.850889	0.104084
ENSG0000I	ENSG0000I	29979	UBQLN1	ubiquilin 1	ENSG0000I	124.7702	-0.06863	0.659949	-0.10399
ENSG0000I	ENSG0000I	55832	CAND1	cullin asso	ENSG0000I	72.83491	-0.08201	0.7889	-0.10395
ENSG0000I	ENSG0000I	100129361	SMIM10L1	small integ	ENSG0000I	29.67673	0.112861	1.086008	0.103923
ENSG0000I	ENSG0000I	9325	TRIP4	thyroid ho	ENSG0000I	25.87819	0.115851	1.115234	0.103881
ENSG0000I	ENSG0000I	843	CASP10	caspase 10	ENSG0000I	26.72565	-0.11757	1.133144	-0.10376
ENSG0000I	ENSG0000I	10957	PNRC1	proline ric	ENSG0000I	171.8827	0.067079	0.6473	0.10363
ENSG0000I	ENSG0000I	51320	MEX3C	mex-3 RNA	ENSG0000I	36.7839	-0.10106	0.975494	-0.1036
ENSG0000I	ENSG0000I	5536	PPP5C	protein ph	ENSG0000I	46.8258	-0.09248	0.893204	-0.10354
ENSG0000I	ENSG0000I	11101	ATE1	arginyltran	ENSG0000I	82.84163	-0.07653	0.740133	-0.1034
ENSG0000I	ENSG0000I	80335	WDR82	WD repeat	ENSG0000I	120.8296	-0.06928	0.670289	-0.10337
ENSG0000I	ENSG0000I	4000	LMNA	lamin A/C	ENSG0000I	118.9681	-0.07121	0.690212	-0.10317
ENSG0000I	ENSG0000I	8648	NCOA1	nuclear rec	ENSG0000I	176.0219	0.063413	0.615349	0.103052
ENSG0000I	ENSG0000I	80319	CXXC4	CXXC finge	ENSG0000I	8.523532	-0.18742	1.822838	-0.10282
ENSG0000I	ENSG0000I	55568	GALNT10	polypeptid	ENSG0000I	42.7746	-0.09472	0.922227	-0.10271
ENSG0000I	ENSG0000I	4593	MUSK	muscle ass	ENSG0000I	4.3881	-0.25672	2.508402	-0.10234
ENSG0000I	ENSG0000I	5106	PCK2	phosphoer	ENSG0000I	4.3881	-0.25672	2.508402	-0.10234
ENSG0000I	ENSG0000I	283989	TSEN54	tRNA splici	ENSG0000I	4.3881	-0.25672	2.508402	-0.10234
ENSG0000I	ENSG0000I	7184	HSP90B1	heat shock	ENSG0000I	345.8032	0.055773	0.545131	0.102311
ENSG0000I	ENSG0000I	90957	DHX57	DEXh-box	ENSG0000I	24.00658	0.117581	1.150807	0.102173
ENSG0000I	ENSG0000I	100499177	THAP9-AS1	THAP9 anti	ENSG0000I	14.60329	0.144858	1.419267	0.102065

ENSG0000018515	ITGA10	integrin su	ENSG00000152424	5.245241	0.233308	2.287259	0.102003
ENSG0000019824	ARHGAP11	Rho GTPas	ENSG00000152424	5.245241	0.233308	2.287259	0.102003
ENSG00000155810	FOXJ2	forkhead b	ENSG0000017082127	-0.07935	0.778042	-0.10198	
ENSG00000151657	STYXL1	serine/thre	ENSG0000015284213	0.227485	2.238686	0.101615	
ENSG0000018788	DLK1	delta like n	ENSG0000015284213	0.227485	2.238686	0.101615	
ENSG00000179915	ATAD5	ATPase fan	ENSG0000015284213	0.227485	2.238686	0.101615	
ENSG0000019546	APBA3	amyloid be	ENSG0000015284213	0.227485	2.238686	0.101615	
ENSG0000014780	NFE2L2	nuclear fac	ENSG0000018474214	-0.07464	0.734727	-0.10158	
ENSG00000110370	CITED2	Cbp/p300 i	ENSG0000014878164	-0.08931	0.879205	-0.10158	
ENSG00000123091	ZC3H13	zinc finger	ENSG0000011323766	0.06707	0.660531	0.101539	
ENSG00000155273	TMEM100	transmembr	ENSG0000011461963	0.148267	1.462707	0.101365	
ENSG00000157539	WDR35	WD repeat	ENSG0000012869783	-0.10927	1.079905	-0.10118	
ENSG00000179587	CARS2	cysteinyln-tf	ENSG000001372763	0.097686	0.966213	0.101101	
ENSG000001199731	CADM4	cell adhesi	ENSG0000019004807	0.18267	1.807446	0.101065	
ENSG00000157561	ARRDC3	arrestin do	ENSG0000016198308	0.081473	0.807347	0.100914	
ENSG00000179912	PYROXD1	pyridine nt	ENSG0000011836913	0.129604	1.286404	0.100749	
ENSG00000157523	NYNRIN	NYN doma	ENSG0000012066709	-0.12404	1.232389	-0.10065	
ENSG00000184640	USP38	ubiquitin s	ENSG0000014483061	0.091464	0.908954	0.100625	
ENSG00000123484	LEPROTL1	leptin rece	ENSG0000015438352	0.087114	0.865943	0.1006	
ENSG00000160312	AFAP1	actin filam	ENSG0000013271007	-0.10279	1.021976	-0.10058	
ENSG00000151292	GMPR2	guanosine	ENSG0000013271007	-0.10279	1.021976	-0.10058	
ENSG00000191647	ATPAF2	ATP syntha	ENSG0000011054096	-0.16605	1.654209	-0.10038	
ENSG0000011114	CHGB	chromogra	ENSG0000011054096	-0.16605	1.654209	-0.10038	
ENSG00000180153	EDC3	enhancer c	ENSG000001108211	0.165521	1.649311	0.100358	
ENSG0000015663	PSEN1	presenilin	ENSG0000014872632	-0.08894	0.88652	-0.10032	
ENSG00000111248	NXPH3	neurexoph	ENSG000001711685	0.197341	1.968467	0.100251	
ENSG000001127703	C1orf216	chromosom	ENSG000001146148	-0.14367	1.437284	-0.09996	
ENSG00000151611	DPH5	diphthamic	ENSG000001146148	-0.14367	1.437284	-0.09996	
ENSG0000011479	CSTF3	cleavage st	ENSG000001146148	-0.14367	1.437284	-0.09996	
ENSG00000155304	SPTLC3	serine paln	ENSG000001146148	-0.14367	1.437284	-0.09996	
ENSG00000184148	KAT8	lysine acet	ENSG0000014102579	0.094422	0.945682	0.099845	
ENSG000001740	MRPL49	mitochond	ENSG0000013276539	-0.10303	1.033714	-0.09967	
ENSG0000018065	CUL5	cullin 5	ENSG0000018294037	0.074662	0.749173	0.099659	
ENSG00000191782	CHMP7	charged m	ENSG000001392095	0.094225	0.947837	0.09941	
ENSG00000154471	MIEF1	mitochond	ENSG000001392095	0.094225	0.947837	0.09941	
ENSG00000179147	FKRP	fukutin rel	ENSG0000011645855	0.135971	1.368614	0.099349	
ENSG0000013737	KCNA2	potassium	ENSG0000012286447	-0.33315	3.353908	-0.09933	
ENSG000001238	ALK	ALK recept	ENSG0000012286447	-0.33315	3.353908	-0.09933	
ENSG000001100874131	ZBTB20-AS	ZBTB20 an	ENSG0000012286447	-0.33315	3.353908	-0.09933	
ENSG000001104797538	KCNMB2-A	KCNMB2 a	ENSG0000012286447	-0.33315	3.353908	-0.09933	
ENSG0000010251603			ENSG0000012286447	-0.33315	3.353908	-0.09933	
ENSG000001101928445	LOC101928	uncharacte	ENSG0000012286447	-0.33315	3.353908	-0.09933	
ENSG000001392636	AGMO	alkylglycer	ENSG0000012286447	-0.33315	3.353908	-0.09933	
ENSG000001349114	LINC00265	long interg	ENSG0000012286447	-0.33315	3.353908	-0.09933	
ENSG00000179873	NUDT18	nudix hydr	ENSG0000012286447	-0.33315	3.353908	-0.09933	
ENSG0000010272155			ENSG0000012286447	-0.33315	3.353908	-0.09933	
ENSG000001100507316	MINCR	MYC-induc	ENSG0000012286447	-0.33315	3.353908	-0.09933	

ENSG000001234160			ENSG000001234160	2.286447	-0.33315	3.353908	-0.09933
ENSG000001232630			ENSG000001232630	2.286447	-0.33315	3.353908	-0.09933
ENSG00000123590	PDSS1	decaprenyl	ENSG00000123590	2.286447	-0.33315	3.353908	-0.09933
ENSG000001414157	C10orf62	chromosom	ENSG000001414157	2.286447	-0.33315	3.353908	-0.09933
ENSG000001114971	PTPMT1	protein tyr	ENSG000001114971	2.286447	-0.33315	3.353908	-0.09933
ENSG000001120379	PIH1D2	PIH1 doma	ENSG000001120379	2.286447	-0.33315	3.353908	-0.09933
ENSG00000123409	SIRT4	sirtuin 4	ENSG00000123409	2.286447	-0.33315	3.353908	-0.09933
ENSG000001400123	LINC00548	long interg	ENSG000001400123	2.286447	-0.33315	3.353908	-0.09933
ENSG000001270055			ENSG000001270055	2.286447	-0.33315	3.353908	-0.09933
ENSG000001259556			ENSG000001259556	2.286447	-0.33315	3.353908	-0.09933
ENSG000001260793			ENSG000001260793	2.286447	-0.33315	3.353908	-0.09933
ENSG00000157593	EBF4	EBF family	ENSG00000157593	2.286447	-0.33315	3.353908	-0.09933
ENSG000001149840	SHLD1	shieldin co	ENSG000001149840	2.286447	-0.33315	3.353908	-0.09933
ENSG00000101898			ENSG00000101898	2.286447	-0.33315	3.353908	-0.09933
ENSG00000126226	FBXW4P1	F-box and	ENSG00000126226	2.286447	-0.33315	3.353908	-0.09933
ENSG000001139886	SPIN4	spindlin fa	ENSG000001139886	2.286447	-0.33315	3.353908	-0.09933
ENSG000001117143	TADA1	transcripti	ENSG000001117143	12.55839	-0.15161	1.529189	-0.09914
ENSG0000017855	FZD5	frizzled cla	ENSG0000017855	8.949486	0.180333	1.819679	0.099102
ENSG00000110121	ACTR1A	ARP1 actin	ENSG00000110121	122.9569	0.066332	0.669429	0.099087
ENSG00000164062	RBM26	RNA bindir	ENSG00000164062	72.69916	-0.07615	0.768561	-0.09908
ENSG00000110342	TFG	TRK-fused	ENSG00000110342	60.75675	-0.08104	0.81822	-0.09904
ENSG00000151234	EMC4	ER membr	ENSG00000151234	18.4081	0.127577	1.288946	0.098978
ENSG00000111094	CACFD1	calcium ch	ENSG00000111094	7.155823	0.192966	1.954951	0.098706
ENSG00000156952	PRTFDC1	phosphorik	ENSG00000156952	7.155823	0.192966	1.954951	0.098706
ENSG000001541578	CXorf40B	chromosom	ENSG000001541578	7.155823	0.192966	1.954951	0.098706
ENSG0000011310	COL19A1	collagen ty	ENSG0000011310	6.444504	-0.20432	2.070678	-0.09867
ENSG000001440345	NPIP4	nuclear po	ENSG000001440345	6.444504	-0.20432	2.070678	-0.09867
ENSG0000015261	PHKG2	phosphory	ENSG0000015261	6.444504	-0.20432	2.070678	-0.09867
ENSG00000155751	TMEM184	transmem	ENSG00000155751	42.72935	-0.09112	0.923843	-0.09863
ENSG000001259865			ENSG000001259865	2.309072	-0.3661	3.715444	-0.09854
ENSG000001280173			ENSG000001280173	2.309072	-0.3661	3.715444	-0.09854
ENSG0000019076	CLDN1	claudin 1	ENSG0000019076	2.309072	-0.3661	3.715444	-0.09854
ENSG0000019242	MSC	musculin	ENSG0000019242	2.309072	-0.3661	3.715444	-0.09854
ENSG0000013574	IL7	interleukin	ENSG0000013574	2.309072	-0.3661	3.715444	-0.09854
ENSG000001100885775	BANCR	BRAF-activ	ENSG000001100885775	2.309072	-0.3661	3.715444	-0.09854
ENSG000001219736	STOX1	storkhead	ENSG000001219736	2.309072	-0.3661	3.715444	-0.09854
ENSG000001101927621	LINC01534	long interg	ENSG000001101927621	2.309072	-0.3661	3.715444	-0.09854
ENSG00000179947	DHDDS	dehydrodo	ENSG00000179947	24.67932	-0.11303	1.147158	-0.09853
ENSG0000019908	G3BP2	G3BP stres	ENSG0000019908	126.6876	0.068134	0.691707	0.098501
ENSG000001327	APEH	acylamino	ENSG000001327	63.93891	0.078572	0.798567	0.098391
ENSG00000156998	CTNNBIP1	catenin be	ENSG00000156998	30.70899	-0.10331	1.051789	-0.09822
ENSG0000014360	MRC1	mannose r	ENSG0000014360	123.8218	0.24745	2.52116	0.098149
ENSG00000184541	KBTBD8	kelch repe	ENSG00000184541	10.89904	0.159106	1.62498	0.097913
ENSG0000019443	MED7	mediator c	ENSG0000019443	10.89904	0.159106	1.62498	0.097913
ENSG0000018447	DOC2B	double C2	ENSG0000018447	10.50199	-0.16275	1.670273	-0.09744
ENSG000001283431	GAS2L3	growth arr	ENSG000001283431	7.077877	0.203246	2.086447	0.097413
ENSG00000190806	ANGEL2	angel hom	ENSG00000190806	30.67001	-0.10194	1.047222	-0.09734

ENSG0000I	ENSG0000I	23357	ANGEL1	angel hom	ENSG0000I	30.67001	-0.10194	1.047222	-0.09734
ENSG0000I	ENSG0000I	6910	TBX5	T-box 5	ENSG0000I	58.97315	-0.0869	0.894837	-0.09711
ENSG0000I	ENSG0000I	55614	KIF16B	kinesin fan	ENSG0000I	38.77243	-0.09505	0.980313	-0.09696
ENSG0000I	ENSG0000I	9817	KEAP1	kelch like E	ENSG0000I	52.52446	0.082868	0.85518	0.096901
ENSG0000I	ENSG0000I	6638	SNRPN	small nucle	ENSG0000I	22.21292	0.11605	1.197752	0.09689
ENSG0000I	ENSG0000I	9113	LATS1	large tumo	ENSG0000I	54.37973	0.08269	0.854039	0.096823
ENSG0000I	ENSG0000I	10826	FAXDC2	fatty acid h	ENSG0000I	79.13176	0.072847	0.754062	0.096606
ENSG0000I	ENSG0000I	9202	ZMYM4	zinc finger	ENSG0000I	83.03087	0.071119	0.736861	0.096516
ENSG0000I	ENSG0000I	619279	ZNF704	zinc finger	ENSG0000I	168.3177	-0.05944	0.615934	-0.09651
ENSG0000I	ENSG0000I	3910	LAMA4	laminin sul	ENSG0000I	139.9447	0.068148	0.707077	0.09638
ENSG0000I	ENSG0000I	11147	HHLA3	HERV-H LT	ENSG0000I	3.474202	0.26151	2.715959	0.096286
ENSG0000I	ENSG0000I	79833	GEMIN6	gem nucle:	ENSG0000I	3.474202	0.26151	2.715959	0.096286
ENSG0000I	ENSG0000I	101926943	LOC101926	uncharacte	ENSG0000I	3.474202	0.26151	2.715959	0.096286
ENSG0000I	ENSG0000I	55071	C9orf40	chromosor	ENSG0000I	3.474202	0.26151	2.715959	0.096286
ENSG0000I	ENSG0000I	79703	C11orf80	chromosor	ENSG0000I	3.474202	0.26151	2.715959	0.096286
ENSG0000I	ENSG0000I	5827	PXMP2	peroxisom	ENSG0000I	3.474202	0.26151	2.715959	0.096286
ENSG0000I	ENSG0000I	1636	ACE	angiotensi	ENSG0000I	3.474202	0.26151	2.715959	0.096286
ENSG0000I	ENSG0000I	57105	CYSLTR2	cysteinyl le	ENSG0000I	24.10715	0.110687	1.150529	0.096205
ENSG0000I	ENSG0000I	6209	RPS15	ribosomal	ENSG0000I	82.84229	0.073389	0.764238	0.096029
ENSG0000I	ENSG0000I	56063	TMEM234	transmeml	ENSG0000I	4.365475	-0.23759	2.477801	-0.09589
ENSG0000I	ENSG0000I	26049	FAM169A	family with	ENSG0000I	4.365475	-0.23759	2.477801	-0.09589
ENSG0000I	ENSG0000I	6865	TACR2	tachykinin	ENSG0000I	4.365475	-0.23759	2.477801	-0.09589
ENSG0000I	ENSG0000I	439994	LINC00863	long interg	ENSG0000I	4.365475	-0.23759	2.477801	-0.09589
ENSG0000I	ENSG0000I	55520	ELAC1	elaC ribon	ENSG0000I	4.365475	-0.23759	2.477801	-0.09589
ENSG0000I	ENSG0000I	5911	RAP2A	RAP2A, me	ENSG0000I	65.80045	0.077045	0.804117	0.095814
ENSG0000I	ENSG0000I	285704	RGMB	repulsive g	ENSG0000I	12.7543	0.14514	1.516065	0.095735
ENSG0000I	ENSG0000I	9214	FCMR	Fc fragmer	ENSG0000I	3.435229	0.270156	2.823446	0.095683
ENSG0000I	ENSG0000I	283481	FGF14-AS2	FGF14 anti	ENSG0000I	3.435229	0.270156	2.823446	0.095683
ENSG0000I	ENSG0000I	9554	SEC22B	SEC22 hom	ENSG0000I	40.64025	-0.0922	0.963613	-0.09568
ENSG0000I	ENSG0000I	26249	KLHL3	kelch like f	ENSG0000I	96.36846	0.067442	0.705389	0.09561
ENSG0000I	ENSG0000I	3703	STT3A	STT3A, cat:	ENSG0000I	73.52701	0.072982	0.763828	0.095548
ENSG0000I	ENSG0000I	3306	HSPA2	heat shock	ENSG0000I	16.6096	-0.13066	1.370757	-0.09532
ENSG0000I	ENSG0000I	55432	YOD1	YOD1 deut	ENSG0000I	20.34131	0.118175	1.240674	0.095251
ENSG0000I	ENSG0000I	55335	NIPSNAP3	nipsnap ho	ENSG0000I	20.34131	0.118175	1.240674	0.095251
ENSG0000I	ENSG0000I	55632	G2E3	G2/M-phas	ENSG0000I	20.34131	0.118175	1.240674	0.095251
ENSG0000I	ENSG0000I	84874	ZNF514	zinc finger	ENSG0000I	28.61361	-0.10229	1.077583	-0.09492
ENSG0000I	ENSG0000I	57617	VPS18	VPS18, COI	ENSG0000I	24.6567	-0.10981	1.156986	-0.09491
ENSG0000I	ENSG0000I	166348	KBTBD12	kelch repe:	ENSG0000I	64.59674	-0.07685	0.809738	-0.09491
ENSG0000I	ENSG00000	261069			ENSG0000I	10.65788	-0.17928	1.889101	-0.0949
ENSG0000I	ENSG0000I	79966	SCD5	stearoyl-Cc	ENSG0000I	6.405531	-0.19922	2.101721	-0.09479
ENSG0000I	ENSG0000I	92270	ATP6AP1L	ATPase H+	ENSG0000I	6.405531	-0.19922	2.101721	-0.09479
ENSG0000I	ENSG0000I	22866	CNKSR2	connector	ENSG0000I	6.405531	-0.19922	2.101721	-0.09479
ENSG0000I	ENSG0000I	142686	ASB14	ankyrin re	ENSG0000I	16.57063	-0.12833	1.355319	-0.09469
ENSG0000I	ENSG0000I	402055	SRRD	SRR1 dom:	ENSG0000I	16.57063	-0.12833	1.355319	-0.09469
ENSG0000I	ENSG00000	279289			ENSG0000I	12.79328	0.142402	1.504408	0.094656
ENSG0000I	ENSG0000I	79738	BBS10	Bardet-Bie	ENSG0000I	12.79328	0.142402	1.504408	0.094656
ENSG0000I	ENSG0000I	125919	ZNF543	zinc finger	ENSG0000I	14.5532	-0.13549	1.436222	-0.09434

ENSG00000184932	RAB2B	RAB2B, me	16.52015	0.128285	1.360494	0.094293
ENSG00000123678	SGK3	serum/glu	5.323186	0.220695	2.345318	0.0941
ENSG00000151447	IP6K2	inositol he	26.59618	-0.10425	1.109444	-0.09396
ENSG00000155680	RUFY2	RUN and F	26.59618	-0.10425	1.109444	-0.09396
ENSG000001135228	CD109	CD109 mol	62.78425	-0.07921	0.843217	-0.09394
ENSG00000180022	MYO15B	myosin XVI	39.29373	0.088895	0.947599	0.093811
ENSG00000151193	ZNF639	zinc finger	35.44994	0.093282	0.996525	0.093608
ENSG0000017175	TPR	translocat	249.7916	-0.05349	0.571923	-0.09352
ENSG00000151263	MRPL30	mitochond	26.04036	0.104547	1.118427	0.093477
ENSG00000181858	SHARPIN	SHANK ass	18.54909	-0.12071	1.292312	-0.0934
ENSG0000016100	RP9	RP9, pre-m	10.92167	0.150632	1.61298	0.093388
ENSG00000111154	AP4S1	adaptor rel	10.92167	0.150632	1.61298	0.093388
ENSG0000015277	PIGA	phosphatic	10.92167	0.150632	1.61298	0.093388
ENSG0000018507	ENC1	ectoderma	10.47936	-0.15483	1.657959	-0.09339
ENSG0000011659	DHX8	DEAH-box	54.58754	-0.0789	0.845222	-0.09334
ENSG00000164710	NUCKS1	nuclear cas	468.8458	0.048979	0.52586	0.093142
ENSG00000157683	ZDBF2	zinc finger	32.68117	-0.09696	1.04253	-0.09301
ENSG000001197257	LDHD	lactate deh	48.59684	-0.08176	0.879717	-0.09294
ENSG00000110755	GIPC1	GIPC PDZ d	16.53166	-0.12611	1.357116	-0.09293
ENSG0000016223	RPS19	ribosomal	132.4758	0.062702	0.674891	0.092908
ENSG00000110474	TADA3	transcripti	46.92598	0.082379	0.887546	0.092816
ENSG000001220869	CBWD5	COBW don	5.306838	0.209096	2.253539	0.092786
ENSG000001387496	RASL11A	RAS like fa	5.306838	0.209096	2.253539	0.092786
ENSG00000179913	ACTR5	ARP5 actin	5.306838	0.209096	2.253539	0.092786
ENSG0000011176	AP3S1	adaptor rel	25.98504	0.10441	1.125771	0.092745
ENSG00000179441	HAUS3	HAUS augr	12.49679	-0.14216	1.532886	-0.09274
ENSG00000184273	NOA1	nitric oxide	12.49679	-0.14216	1.532886	-0.09274
ENSG00000184124	ZNF394	zinc finger	24.5624	-0.10806	1.165596	-0.09271
ENSG0000016632	SNRPD1	small nucle	14.51422	-0.13302	1.435532	-0.09266
ENSG00000154884	RETSAT	retinol sat	39.3327	0.087767	0.947594	0.092621
ENSG0000019136	RRP9	ribosomal	9.011084	0.166083	1.796122	0.092467
ENSG0000019934	P2RY14	purinergic	9.066405	0.168303	1.822139	0.092366
ENSG00000122828	SCAF8	SR-related	124.3164	-0.06102	0.660833	-0.09234
ENSG00000111047	ADRM1	adhesion r	14.64854	0.132649	1.44154	0.092019
ENSG00000181602	CDADC1	cytidine an	7.178448	0.179629	1.952833	0.091984
ENSG0000017508	XPC	XPC compl	22.2192	0.11001	1.196306	0.091958
ENSG000001221937	FOXK1	forkhead b	76.48763	-0.06966	0.758236	-0.09187
ENSG00000111336	EXOC3	exocyst co	37.42212	0.088686	0.965735	0.091832
ENSG000001219749	ZNF25	zinc finger	48.84664	0.08434	0.925751	0.091104
ENSG00000180254	CEP63	centrosom	43.16014	0.083359	0.915179	0.091085
ENSG0000014015	LOX	lysyl oxida	22.14125	0.114205	1.254066	0.091068
ENSG00000122824	HSPA4L	heat shock	26.06299	0.101261	1.112567	0.091016
ENSG00000111153	FICD	FIC domair	5.345811	0.203512	2.236729	0.090986
ENSG0000012841	GPR18	G protein-c	5.345811	0.203512	2.236729	0.090986
ENSG0000017468	NSD2	nuclear rec	90.8253	0.06571	0.722637	0.090931
ENSG00000184914	ZNF587	zinc finger	24.53978	-0.10487	1.153762	-0.0909
ENSG00000123135	KDM6B	lysine dem	41.13264	0.087547	0.963211	0.090891

ENSG00000123002	DAAM1	dishevelled	ENSG000001243265	-0.06033	0.663982	-0.09087
ENSG00000184275	SLC25A33	solute carrier	ENSG0000016421878	-0.1913	2.106159	-0.09083
ENSG00000155014	STX17	syntaxin 17	ENSG0000012855201	-0.09805	1.079542	-0.09083
ENSG00000154870	QRICH1	glutamine rich	ENSG00000176465	-0.06871	0.75686	-0.09079
ENSG000001401093	MBNL1-AS1	MBNL1 antisense	ENSG0000011096064	0.147478	1.628778	0.090545
ENSG00000110553	HTATIP2	HIV-1 Tat interaction	ENSG0000011096064	0.147478	1.628778	0.090545
ENSG000001221294	NT5DC1	5'-nucleotidyl transferase	ENSG0000014654044	-0.081	0.894971	-0.09051
ENSG00000129109	FHOD1	formin homology domain	ENSG0000011851011	-0.11856	1.310383	-0.09048
ENSG00000123385	NCSTN	nicotinic acetylcholine receptor	ENSG0000017747764	0.067959	0.751975	0.090374
ENSG000001114825	PWWP2A	PWWP domain	ENSG0000012795722	0.097663	1.08116	0.090331
ENSG0000018907	AP1M1	adaptor protein 1	ENSG0000012795722	0.097663	1.08116	0.090331
ENSG0000016310	ATXN1	ataxin 1	ENSG0000011156553	0.061375	0.68045	0.090197
ENSG00000156254	RNF20	ring finger protein	ENSG0000017366027	0.071023	0.787847	0.090148
ENSG0000014627	MYH9	myosin heavy chain	ENSG0000015475328	0.046875	0.520079	0.09013
ENSG000001134430	WDR36	WD repeat domain	ENSG0000015251479	-0.07855	0.871736	-0.09011
ENSG00000110042	HMGXB4	HMG-box containing	ENSG0000012455613	-0.10323	1.146357	-0.09005
ENSG0000015606	MAP2K3	mitogen-activated protein kinase	ENSG0000013364372	0.097215	1.079799	0.090031
ENSG00000184899	TMTC4	transmembrane protein	ENSG0000011044039	-0.15144	1.682433	-0.09001
ENSG00000191107	TRIM47	tripartite motif domain	ENSG0000011044039	-0.15144	1.682433	-0.09001
ENSG0000018339	HIST1H2BC	histone cluster 2	ENSG0000014326503	-0.23005	2.558023	-0.08993
ENSG00000100274295			ENSG0000014326503	-0.23005	2.558023	-0.08993
ENSG00000111226	GALNT6	polypeptide N-galactosyltransferase	ENSG0000014326503	-0.23005	2.558023	-0.08993
ENSG0000012130	EWSR1	EWS RNA binding protein	ENSG0000011593685	0.0576	0.641157	0.089838
ENSG0000017727	ZNF174	zinc finger protein	ENSG000001908903	0.158557	1.767222	0.089721
ENSG0000016176	RPLP1	ribosomal protein	ENSG0000012636722	-0.05373	0.598914	-0.08971
ENSG000001114819	CROCCP3	ciliary rootlet	ENSG0000017217421	0.175281	1.956575	0.089586
ENSG0000017130	TNFAIP6	TNF alpha 1 interacting protein	ENSG0000017217421	0.175281	1.956575	0.089586
ENSG00000126017	FAM32A	family with sequence similarity	ENSG0000012985146	0.094554	1.055541	0.089579
ENSG00000110212	DDX39A	DEXD-box helicase	ENSG0000011245782	-0.13922	1.555202	-0.08952
ENSG00000126164	MTG2	mitochondrial transcription	ENSG0000012257767	-0.10739	1.199824	-0.0895
ENSG00000179809	TTC21B	tetratricopeptide repeat	ENSG0000014060507	-0.08506	0.952209	-0.08933
ENSG000001221895	JAZF1	JAZF zinc finger protein	ENSG0000011650903	-0.12111	1.355834	-0.08932
ENSG00000110540	DCTN2	dynactin subunit	ENSG0000018323829	0.065592	0.736218	0.089094
ENSG00000123471	TRAM1	translocation initiator	ENSG0000011022976	0.061623	0.695053	0.08866
ENSG0000019541	CIR1	corepressor	ENSG0000012851304	-0.09656	1.089836	-0.0886
ENSG00000125943	C20orf194	chromosome 20 open reading	ENSG0000018649435	-0.06592	0.744995	-0.08848
ENSG00000165985	AACS	acetoacetyl-CoA synthetase	ENSG0000012231349	0.108317	1.224544	0.088455
ENSG00000123155	CLCC1	chloride channel	ENSG0000013748371	0.085308	0.964613	0.088437
ENSG000001580	BARD1	BRCA1 associated protein	ENSG0000011848749	-0.11424	1.296466	-0.08811
ENSG00000126123	TCTN3	tectonic family	ENSG0000011848749	-0.11424	1.296466	-0.08811
ENSG00000164853	AIDA	axin interacting domain	ENSG0000013178466	0.090508	1.027974	0.088045
ENSG00000154994	GID8	GID complex	ENSG0000013178466	0.090508	1.027974	0.088045
ENSG0000017316	UBC	ubiquitin C	ENSG0000019264985	0.04379	0.497455	0.088027
ENSG00000155250	ELP2	elongator complex	ENSG0000018636108	-0.06418	0.729179	-0.08802
ENSG00000123066	CAND2	cullin associated domain	ENSG000001565694	0.074112	0.842056	0.088013
ENSG00000181856	ZNF611	zinc finger protein	ENSG0000012224182	0.106235	1.210942	0.08773
ENSG00000155327	LIN7C	lin-7 homolog	ENSG0000016032517	0.071735	0.818163	0.087678

ENSG0000018804	ENSG0000018804	CREG1	cellular re	ENSG0000018804	58.44388	-0.07398	0.845942	-0.08746
ENSG0000026112	ENSG0000026112	CCDC69	coiled-coil	ENSG0000026112	271.2216	-0.04935	0.564505	-0.08742
ENSG000000583	ENSG000000583	BBS2	Bardet-Bie	ENSG000000583	60.39684	0.071814	0.821756	0.087391
ENSG0000057456	ENSG0000057456	KIAA1143	KIAA1143	ENSG0000057456	58.48626	0.072038	0.824931	0.087327
ENSG00000130535	ENSG00000130535	KCTD18	potassium	ENSG00000130535	16.47006	-0.11887	1.36153	-0.08731
ENSG0000030844	ENSG0000030844	EHD4	EH domain	ENSG0000030844	85.19412	0.063791	0.730718	0.0873
ENSG0000079590	ENSG0000079590	MRPL24	mitochond	ENSG0000079590	37.52269	0.084139	0.964813	0.087208
ENSG0000010982	ENSG0000010982	MAPRE2	microtubul	ENSG0000010982	186.3731	0.054899	0.62993	0.087152
ENSG000008520	ENSG000008520	HAT1	histone ac	ENSG000008520	32.50265	-0.08921	1.02383	-0.08713
ENSG0000026301	ENSG0000026301	GBGT1	globoside	ENSG0000026301	8.400336	-0.15967	1.832674	-0.08712
ENSG000006929	ENSG000006929	TCF3	transcripti	ENSG000006929	8.400336	-0.15967	1.832674	-0.08712
ENSG0000010782	ENSG0000010782	ZNF274	zinc finger	ENSG0000010782	30.52419	-0.09141	1.049845	-0.08707
ENSG0000057498	ENSG0000057498	KIDINS220	kinase D in	ENSG0000057498	199.6437	-0.0518	0.596063	-0.0869
ENSG0000055105	ENSG0000055105	GPATCH2	G-patch do	ENSG0000055105	24.5335	-0.09995	1.152971	-0.08669
ENSG0000080264	ENSG0000080264	ZNF430	zinc finger	ENSG0000080264	14.71014	0.124032	1.431956	0.086617
ENSG000006744	ENSG000006744	ITPRID2	ITPR intera	ENSG000006744	144.0783	-0.05819	0.672026	-0.08659
ENSG0000010239	ENSG0000010239	AP3S2	adaptor rel	ENSG0000010239	31.83998	0.090389	1.045836	0.086428
ENSG000009922	ENSG000009922	IQSEC1	IQ motif ar	ENSG000009922	110.266	-0.05948	0.689213	-0.0863
ENSG0000084795	ENSG0000084795	PYROXD2	pyridine n	ENSG0000084795	10.41777	-0.14352	1.663518	-0.08628
ENSG000001119	ENSG000001119	CHKA	choline kin	ENSG000001119	10.41777	-0.14352	1.663518	-0.08628
ENSG0000054812	ENSG0000054812	AFTPH	aftiphilin	ENSG0000054812	12.4352	-0.13264	1.537981	-0.08624
ENSG0000055617	ENSG0000055617	TASP1	taspase 1	ENSG0000055617	12.4352	-0.13264	1.537981	-0.08624
ENSG0000079133	ENSG0000079133	NDUFAF5	NADH:ubic	ENSG0000079133	20.48229	-0.10654	1.235778	-0.08621
ENSG0000010389	ENSG0000010389	SCML2	Scm polyc	ENSG0000010389	4.34285	-0.2183	2.539322	-0.08597
ENSG0000011186	ENSG0000011186	RASSF1	Ras associa	ENSG0000011186	14.74911	0.121525	1.414201	0.085932
ENSG000001998	ENSG000001998	ELF2	E74 like ET	ENSG000001998	80.35025	-0.06729	0.785047	-0.08571
ENSG0000027300	ENSG0000027300	ZNF544	zinc finger	ENSG0000027300	36.49226	-0.08349	0.979355	-0.08525
ENSG00000121274	ENSG00000121274	ZNF641	zinc finger	ENSG00000121274	50.41313	-0.07478	0.878881	-0.08508
ENSG000007866	ENSG000007866	IFRD2	interferon	ENSG000007866	18.46486	-0.1098	1.291316	-0.08503
ENSG0000023220	ENSG0000023220	DTX4	deltex E3 u	ENSG0000023220	3.496827	0.232889	2.741273	0.084956
ENSG000002526	ENSG000002526	FUT4	fucosyltrar	ENSG000002526	3.496827	0.232889	2.741273	0.084956
ENSG0000079102	ENSG0000079102	RNF26	ring finger	ENSG0000079102	6.343933	-0.18079	2.129356	-0.0849
ENSG00000129531	ENSG00000129531	MITD1	microtubul	ENSG00000129531	12.89385	0.129688	1.527617	0.084895
ENSG0000083987	ENSG0000083987	CCDC8	coiled-coil	ENSG0000083987	22.35874	0.100828	1.190302	0.084708
ENSG0000051538	ENSG0000051538	ZCCHC17	zinc finger	ENSG0000051538	34.55278	-0.08651	1.021451	-0.08469
ENSG0000056941	ENSG0000056941	HMCES	5-hydroxyr	ENSG0000056941	34.55278	-0.08651	1.021451	-0.08469
ENSG00000100129405	ENSG00000100129405	MSTO2P	misato far	ENSG00000100129405	4.303877	-0.21095	2.492722	-0.08463
ENSG0000079943	ENSG0000079943	ZNF696	zinc finger	ENSG0000079943	4.303877	-0.21095	2.492722	-0.08463
ENSG0000079177	ENSG0000079177	ZNF576	zinc finger	ENSG0000079177	4.303877	-0.21095	2.492722	-0.08463
ENSG00000128854	ENSG00000128854	TSPY26P	testis speci	ENSG00000128854	4.303877	-0.21095	2.492722	-0.08463
ENSG000001501	ENSG000001501	CTNND2	catenin del	ENSG000001501	9.443708	-0.39894	4.715749	-0.0846
ENSG00000151050	ENSG00000151050	KANSL1L	KAT8 regul	ENSG00000151050	44.42244	-0.07742	0.91617	-0.08451
ENSG0000080321	ENSG0000080321	CEP70	centrosom	ENSG0000080321	22.4771	-0.10023	1.188727	-0.08432
ENSG0000026235	ENSG0000026235	FBXL4	F-box and l	ENSG0000026235	56.4139	-0.07045	0.836133	-0.08426
ENSG0000079607	ENSG0000079607	FAM118B	family with	ENSG0000079607	20.44816	0.103403	1.229576	0.084096
ENSG0000085453	ENSG0000085453	TSPYL5	TSPY like 5	ENSG0000085453	38.43175	-0.08084	0.963396	-0.08391
ENSG0000056984	ENSG0000056984	PSMG2	proteasom	ENSG0000056984	16.64334	0.113079	1.347709	0.083904

ENSG00000129781	NCAPH2	non-SMC c	ENSG0000016.44743	-0.11385	1.357218	-0.08389
ENSG000001100505635	LOC100505635	uncharacte	ENSG0000015.267866	0.219447	2.616319	0.083876
ENSG0000015289	PIK3C3	phosphatic	ENSG00000148.3957	-0.07474	0.891134	-0.08387
ENSG00000111180	WDR6	WD repeat	ENSG00000160.38337	-0.07215	0.860547	-0.08384
ENSG000001865	CBFB	core-bindir	ENSG00000139.47852	0.079255	0.945826	0.083795
ENSG0000011964	EIF1AX	eukaryotic	ENSG00000174.3181	-0.06392	0.764534	-0.08361
ENSG000001116843	SLC18B1	solute carr	ENSG0000017.201073	0.166955	1.998957	0.083521
ENSG00000179696	ZC2HC1C	zinc finger	ENSG0000017.240046	0.162158	1.941566	0.083519
ENSG000001634	CEACAM1	carcinoeml	ENSG0000017.240046	0.162158	1.941566	0.083519
ENSG00000194056	SYAP1	synapse as	ENSG00000145.21654	0.075304	0.902616	0.083429
ENSG00000122820	COPG1	coatomer ç	ENSG000001102.4823	0.057854	0.693789	0.083388
ENSG000001376132	LRRC10	leucine ricl	ENSG00000128.04144	0.090126	1.082269	0.083275
ENSG0000017693	ZNF134	zinc finger	ENSG00000140.48187	-0.079	0.948845	-0.08326
ENSG000001148741	ANKRD35	ankyrin reç	ENSG0000012.224849	-0.28305	3.401329	-0.08322
ENSG0000018490	RGS5	regulator c	ENSG0000012.224849	-0.28305	3.401329	-0.08322
ENSG000001200539	ANKRD23	ankyrin reç	ENSG0000012.224849	-0.28305	3.401329	-0.08322
ENSG00000184303	CHCHD6	coiled-coil-	ENSG0000012.224849	-0.28305	3.401329	-0.08322
ENSG000001179967			ENSG0000012.224849	-0.28305	3.401329	-0.08322
ENSG000001337876	CHSY3	chondroitir	ENSG0000012.224849	-0.28305	3.401329	-0.08322
ENSG00000184885	ZDHC12	zinc finger	ENSG0000012.224849	-0.28305	3.401329	-0.08322
ENSG00000110557	RPP38	ribonuclea	ENSG0000012.224849	-0.28305	3.401329	-0.08322
ENSG000001582	BBS1	Bardet-Bie	ENSG0000012.224849	-0.28305	3.401329	-0.08322
ENSG00000127239	GPR162	G protein-c	ENSG0000012.224849	-0.28305	3.401329	-0.08322
ENSG000001728568	C12orf73	chromosor	ENSG0000012.224849	-0.28305	3.401329	-0.08322
ENSG0000010240925			ENSG0000012.224849	-0.28305	3.401329	-0.08322
ENSG0000011511	CTSG	cathepsin (	ENSG0000012.224849	-0.28305	3.401329	-0.08322
ENSG000001101928784	RORA-AS1	RORA antis	ENSG0000012.224849	-0.28305	3.401329	-0.08322
ENSG0000019284	NPIPA1	nuclear po	ENSG0000012.224849	-0.28305	3.401329	-0.08322
ENSG00000100279476			ENSG0000012.224849	-0.28305	3.401329	-0.08322
ENSG0000018741	TNFSF13	TNF superf	ENSG0000012.224849	-0.28305	3.401329	-0.08322
ENSG0000016458	SH3GL1P1	SH3 domai	ENSG0000012.224849	-0.28305	3.401329	-0.08322
ENSG00000100267745			ENSG0000012.224849	-0.28305	3.401329	-0.08322
ENSG00000185302	FBF1	Fas binding	ENSG0000012.224849	-0.28305	3.401329	-0.08322
ENSG00000179716	NPEPL1	aminopept	ENSG0000012.224849	-0.28305	3.401329	-0.08322
ENSG00000110808	HSPH1	heat shock	ENSG00000152.83245	0.070801	0.851395	0.083158
ENSG00000100236397			ENSG0000015.368436	0.185395	2.22968	0.083149
ENSG0000015153	PDE1B	phosphodi	ENSG0000015.368436	0.185395	2.22968	0.083149
ENSG00000181889	FAHD1	fumarylac	ENSG00000111.02224	0.135902	1.634551	0.083143
ENSG0000019201	DCLK1	doublecort	ENSG00000144.39981	-0.07571	0.911641	-0.08305
ENSG0000019425	CDYL	chromodor	ENSG00000132.42471	-0.08649	1.04329	-0.0829
ENSG0000012983	GUCY1B1	guanylate (	ENSG00000145.23289	0.075979	0.916998	0.082856
ENSG0000015609	MAP2K7	mitogen-a	ENSG00000114.43	-0.11903	1.437234	-0.08282
ENSG000001541468	LURAP1	leucine ricl	ENSG0000013.5358	0.224918	2.717208	0.082775
ENSG000001257068	PLCXD2	phosphatic	ENSG0000013.5358	0.224918	2.717208	0.082775
ENSG000001115330	GPR146	G protein-c	ENSG0000013.5358	0.224918	2.717208	0.082775
ENSG00000192092	ZC3HAV1L	zinc finger	ENSG0000013.5358	0.224918	2.717208	0.082775
ENSG000001100422558	SMG1P6	SMG1 pse	ENSG0000013.5358	0.224918	2.717208	0.082775

ENSG000001232928		ENSG000001232928		3.5358	0.224918	2.717208	0.082775
ENSG00000192017	SNX29	sorting nexin	ENSG00000192017	36.46964	-0.08135	0.983884	-0.08268
ENSG000001164	AP1G1	adaptor re	ENSG000001164	96.13018	-0.05987	0.724243	-0.08267
ENSG00000184328	LZIC	leucine zip	ENSG00000184328	29.93568	0.087534	1.058904	0.082665
ENSG00000179707	NOL9	nucleolar p	ENSG00000179707	37.56794	0.079746	0.965785	0.082571
ENSG000001127733	UBXN10	UBX domai	ENSG000001127733	7.17217	0.196142	2.377165	0.082511
ENSG0000011316	KLF6	Kruppel lik	ENSG0000011316	90.16211	-0.06101	0.740073	-0.08244
ENSG000001114885	OSBPL11	oxysterol b	ENSG000001114885	39.51749	0.078122	0.949021	0.082319
ENSG0000017752	ZNF200	zinc finger	ENSG0000017752	6.36028	-0.1728	2.09918	-0.08232
ENSG0000018140	SLC7A5	solute carr	ENSG0000018140	6.36028	-0.1728	2.09918	-0.08232
ENSG00000151406	NOL7	nucleolar p	ENSG00000151406	26.18618	0.091604	1.113125	0.082294
ENSG00000155037	PTCD3	pentatricoj	ENSG00000155037	126.0849	-0.05544	0.675486	-0.08208
ENSG0000014008	LMO7	LIM domai	ENSG0000014008	414.2692	-0.0458	0.55906	-0.08192
ENSG00000179646	PANK3	pantotheni	ENSG00000179646	98.12877	-0.05768	0.704378	-0.08188
ENSG00000163875	MRPL17	mitochond	ENSG00000163875	22.38137	0.096955	1.184212	0.081873
ENSG0000019410	SNRNP40	small nucle	ENSG0000019410	29.97465	0.086124	1.052062	0.081862
ENSG000001494115	RBMXL1	RBMX like	ENSG000001494115	29.97465	0.086124	1.052062	0.081862
ENSG000001339324	ZNF260	zinc finger	ENSG000001339324	28.44517	-0.08818	1.079458	-0.08169
ENSG000001728411	GUSBP1	glucuronid	ENSG000001728411	8.377711	-0.14955	1.841442	-0.08121
ENSG00000159348	ZNF350	zinc finger	ENSG00000159348	14.77173	0.115487	1.423821	0.08111
ENSG00000155180	LINS1	lines homo	ENSG00000155180	11.00589	0.130787	1.614141	0.081026
ENSG00000123294	ANKS1A	ankyrin re	ENSG00000123294	88.11577	-0.05898	0.728411	-0.08098
ENSG00000155370	PPP4R1L	protein ph	ENSG00000155370	10.96692	0.134277	1.658253	0.080975
ENSG0000016383	SDC2	syndecan 2	ENSG0000016383	49.06661	0.070759	0.8739	0.080969
ENSG0000017750	ZMYM2	zinc finger	ENSG0000017750	135.8314	-0.05237	0.647361	-0.0809
ENSG0000015576	PRKAR2A	protein kin	ENSG0000015576	121.9948	-0.0543	0.671571	-0.08086
ENSG000001590	BCHE	butyrylcho	ENSG000001590	5.329464	0.192883	2.390221	0.080697
ENSG00000155357	TBC1D2	TBC1 domæ	ENSG00000155357	5.329464	0.192883	2.390221	0.080697
ENSG00000123338	JADE2	jade family	ENSG00000123338	48.3668	-0.07101	0.881943	-0.08051
ENSG00000155813	UTP6	UTP6, sma	ENSG00000155813	30.43997	-0.08481	1.054015	-0.08047
ENSG00000183451	ABHD11	abhydrolas	ENSG00000183451	7.279018	0.157742	1.961698	0.080411
ENSG00000157095	PITHD1	PITH doma	ENSG00000157095	28.0251	0.088757	1.10691	0.080184
ENSG0000013482	IGF2R	insulin like	ENSG0000013482	377.8397	-0.04316	0.538577	-0.08014
ENSG0000017741	ZSCAN26	zinc finger	ENSG0000017741	16.50275	-0.11406	1.427201	-0.07992
ENSG000001780	DDR1	discoidin d	ENSG000001780	18.61552	0.102367	1.282446	0.079821
ENSG00000191801	ALKBH8	alkB homo	ENSG00000191801	12.3736	-0.12305	1.544544	-0.07967
ENSG00000122930	RAB3GAP1	RAB3 GTPa	ENSG00000122930	107.9859	-0.05461	0.686331	-0.07957
ENSG00000123057	NMNAT2	nicotinami	ENSG00000123057	2.263822	-0.2991	3.763133	-0.07948
ENSG0000010257512			ENSG0000010257512	2.263822	-0.2991	3.763133	-0.07948
ENSG000001107984875	LOC107984	uncharacte	ENSG000001107984875	2.263822	-0.2991	3.763133	-0.07948
ENSG000001768206	PRCD	photorece	ENSG000001768206	2.263822	-0.2991	3.763133	-0.07948
ENSG00000110726	NUDC	nuclear dis	ENSG00000110726	58.32448	-0.06599	0.831072	-0.0794
ENSG00000185395	FAM207A	family with	ENSG00000185395	11.04486	0.127725	1.609269	0.079369
ENSG0000018287	USP9Y	ubiquitin s	ENSG0000018287	119.8812	0.052906	0.667885	0.079215
ENSG0000011854	DUT	deoxyuridi	ENSG0000011854	20.50976	0.097271	1.227974	0.079213
ENSG00000122919	MAPRE1	microtubul	ENSG00000122919	64.37638	0.063031	0.79687	0.079098
ENSG0000016917	TCEA1	transcripti	ENSG0000016917	49.08924	0.069131	0.874014	0.079096

ENSG00000179918	SETD6	SET domain	ENSG0000016.66597	0.107891	1.364362	0.079078
ENSG000001375790	AGRN	agrin	ENSG0000010.35617	-0.13212	1.670989	-0.07907
ENSG00000154980	C2orf42	chromosom	ENSG0000018.338738	-0.14559	1.841464	-0.07906
ENSG0000015395	PMS2	PMS1 hom	ENSG0000018.338738	-0.14559	1.841464	-0.07906
ENSG00000151368	TEX264	testis expr	ENSG0000018.63187	0.104666	1.325782	0.078947
ENSG0000018669	EIF3J	eukaryotic	ENSG00000154.35122	-0.06748	0.855134	-0.07891
ENSG0000019138	ARHGEF1	Rho guanir	ENSG00000130.3683	-0.08561	1.089456	-0.07858
ENSG0000018774	NAPG	NSF attach	ENSG00000150.37795	-0.06921	0.883585	-0.07833
ENSG00000181617	CAB39L	calcium bir	ENSG00000140.34233	-0.07374	0.941494	-0.07832
ENSG0000019552	SPAG7	sperm assc	ENSG00000168.18786	-0.06134	0.783972	-0.07824
ENSG0000018562	DENR	density reg	ENSG00000137.66851	0.075221	0.962841	0.078124
ENSG0000013613	IMPA2	inositol mc	ENSG00000126.24778	0.086792	1.114083	0.077905
ENSG00000127148	STK36	serine/thre	ENSG00000114.84968	0.110582	1.422041	0.077763
ENSG0000018636	SSNA1	SS nuclear	ENSG00000112.9391	0.115787	1.49786	0.077302
ENSG00000128998	MRPL13	mitochond	ENSG00000118.6545	0.100233	1.299347	0.077141
ENSG000001148932	MOB3C	MOB kinas	ENSG00000126.19246	0.086689	1.123899	0.077132
ENSG0000018890	EIF2B4	eukaryotic	ENSG00000116.74391	0.103365	1.340536	0.077107
ENSG0000011022	CDK7	cyclin depe	ENSG0000019.173253	0.134597	1.746334	0.077074
ENSG000001150275	CCDC117	coiled-coil	ENSG00000124.37133	-0.08841	1.148649	-0.07697
ENSG00000123087	TRIM35	tripartite n	ENSG00000114.3684	-0.11073	1.439347	-0.07693
ENSG0000019144	SYNGR2	synaptogyr	ENSG00000147.21763	0.068193	0.886613	0.076914
ENSG000001255167	LINC01018	long interg	ENSG0000014.264905	-0.20244	2.639353	-0.0767
ENSG0000015445	PON2	paraoxona	ENSG00000131.96946	0.078644	1.025636	0.076678
ENSG00000122915	MMRN1	multimerir	ENSG00000157.19361	-0.255	3.325885	-0.07667
ENSG000001157680	VPS13B	vacuolar pi	ENSG000001113.7817	-0.05211	0.680872	-0.07653
ENSG000001284323	ZNF780A	zinc finger	ENSG00000118.38064	-0.09879	1.294674	-0.07631
ENSG000001100652772	NNT-AS1	NNT antise	ENSG00000160.56908	0.068116	0.894639	0.076138
ENSG00000123270	TSPYL4	TSPY like 4	ENSG00000144.42623	-0.0722	0.95116	-0.0759
ENSG00000110459	MAD2L2	mitotic arr	ENSG0000017.262671	0.149405	1.970988	0.075802
ENSG00000157650	CIP2A	cell prolife	ENSG0000014.281252	-0.19096	2.524923	-0.07563
ENSG00000180324	PUS1	pseudouric	ENSG0000014.281252	-0.19096	2.524923	-0.07563
ENSG000001113235	SLC46A1	solute carr	ENSG0000014.281252	-0.19096	2.524923	-0.07563
ENSG000001339344	MYPOP	Myb relate	ENSG0000014.281252	-0.19096	2.524923	-0.07563
ENSG0000011290	COL5A2	collagen ty	ENSG00000162.57644	0.062131	0.821581	0.075624
ENSG000001283464	GXYLT1	glucoside x	ENSG00000120.53238	0.093024	1.231304	0.075549
ENSG0000015062	PAK2	p21 (RAC1)	ENSG000001149.477	-0.04775	0.632243	-0.07552
ENSG00000151634	RBMX2	RNA bindir	ENSG00000114.83333	0.107006	1.417041	0.075513
ENSG00000164645	MFSD14A	major facili	ENSG00000134.31266	-0.07555	1.002171	-0.07539
ENSG000001100652748	TIMM23B	translocase	ENSG00000112.97807	0.113077	1.505662	0.075101
ENSG00000165123	INTS3	integrator	ENSG00000153.00469	0.067345	0.897417	0.075043
ENSG00000184436	ZNF528	zinc finger	ENSG00000132.30151	-0.07891	1.052391	-0.07498
ENSG00000184766	CRACR2A	calcium rel	ENSG00000114.86603	0.113036	1.507684	0.074973
ENSG000001153642	ARSK	arylsulfata	ENSG0000017.301644	0.144898	1.934182	0.074914
ENSG00000180764	THAP7	THAP dom	ENSG0000017.301644	0.144898	1.934182	0.074914
ENSG0000014595	MUTYH	mutY DNA	ENSG0000016.282335	-0.16198	2.165646	-0.0748
ENSG00000164101	LRRC4	leucine ricl	ENSG0000016.282335	-0.16198	2.165646	-0.0748
ENSG0000017587	ZNF37A	zinc finger	ENSG00000148.21091	-0.06707	0.898586	-0.07464

ENSG00000201514	ZNF584	zinc finger	ENSG0000014.32943	-0.10818	1.453271	-0.07444
ENSG000002937	GSS	glutathione	ENSG0000020.37544	-0.09262	1.244867	-0.0744
ENSG0000055194	EVA1B	eva-1 hom	ENSG000001.686816	0.309054	4.156942	0.074346
ENSG00000272145			ENSG000001.686816	0.309054	4.156942	0.074346
ENSG00000251520			ENSG000001.686816	0.309054	4.156942	0.074346
ENSG0000053833	IL20RB	interleukin	ENSG000001.686816	0.309054	4.156942	0.074346
ENSG0000027146	FAM184B	family with	ENSG000001.686816	0.309054	4.156942	0.074346
ENSG00000105379054	VCAN-AS1	VCAN antis	ENSG000001.686816	0.309054	4.156942	0.074346
ENSG00000116842	LEAP2	liver enrich	ENSG000001.686816	0.309054	4.156942	0.074346
ENSG00000441150	C6orf226	chromosom	ENSG000001.686816	0.309054	4.156942	0.074346
ENSG00000729597	SPDYE6	speedy/RI	ENSG000001.686816	0.309054	4.156942	0.074346
ENSG000008840	WISP1	WNT1 indu	ENSG000001.686816	0.309054	4.156942	0.074346
ENSG00000270427			ENSG000001.686816	0.309054	4.156942	0.074346
ENSG0000092211	CDHR1	cadherin re	ENSG000001.686816	0.309054	4.156942	0.074346
ENSG00000401647	GOLGA7B	golgin A7 f	ENSG000001.686816	0.309054	4.156942	0.074346
ENSG00000116969	ART5	ADP-ribosy	ENSG000001.686816	0.309054	4.156942	0.074346
ENSG00000179038			ENSG000001.686816	0.309054	4.156942	0.074346
ENSG00000160140	C11orf65	chromosom	ENSG000001.686816	0.309054	4.156942	0.074346
ENSG00000255776			ENSG000001.686816	0.309054	4.156942	0.074346
ENSG00000224650			ENSG000001.686816	0.309054	4.156942	0.074346
ENSG00000869	CBLN1	cerebellin	ENSG000001.686816	0.309054	4.156942	0.074346
ENSG00000101927863	LOC101927	uncharacte	ENSG000001.686816	0.309054	4.156942	0.074346
ENSG00000276728			ENSG000001.686816	0.309054	4.156942	0.074346
ENSG00000267560			ENSG000001.686816	0.309054	4.156942	0.074346
ENSG00000269066			ENSG000001.686816	0.309054	4.156942	0.074346
ENSG0000057126	CD177	CD177 mol	ENSG000001.686816	0.309054	4.156942	0.074346
ENSG00000100270804	LOC100270	uncharacte	ENSG000001.686816	0.309054	4.156942	0.074346
ENSG00000102724159	LOC102724	periodic tr	ENSG000001.686816	0.309054	4.156942	0.074346
ENSG000007050	TGIF1	TGFB induc	ENSG0000011.06749	0.119435	1.606845	0.074329
ENSG000003156	HMGCR	3-hydroxy-	ENSG0000020.57136	0.091163	1.227058	0.074294
ENSG0000010608	MXD4	MAX dime	ENSG0000026.31082	-0.0843	1.136172	-0.0742
ENSG00000139596	UPRT	uracil phos	ENSG0000014.8723	0.104591	1.409978	0.074179
ENSG0000065996	CENPBD1P	CENPB DN	ENSG000008.355086	-0.1397	1.883667	-0.07416
ENSG0000055278	QRSL1	QRSL1, glu	ENSG0000030.39472	-0.0797	1.074691	-0.07416
ENSG0000025970	SH2B1	SH2B adap	ENSG0000030.09785	0.077745	1.050111	0.074035
ENSG0000055667	DENND4C	DENN dom	ENSG00000114.201	0.050615	0.684064	0.073991
ENSG000009567	GTPBP1	GTP bindin	ENSG0000058.72258	0.061059	0.82615	0.073908
ENSG000002107	ETF1	eukaryotic	ENSG00000121.7258	-0.0496	0.671517	-0.07386
ENSG00000222658	KCTD20	potassium	ENSG0000081.75889	0.054657	0.741063	0.073755
ENSG000009270	ITGB1BP1	integrin su	ENSG0000034.27369	-0.07428	1.008526	-0.07365
ENSG0000084315	MON1A	MON1 hon	ENSG000006.298683	-0.15414	2.097026	-0.0735
ENSG0000085014	TMEM141	transmem	ENSG000006.298683	-0.15414	2.097026	-0.0735
ENSG0000084334	APOPT1	apoptogen	ENSG000008.316113	-0.13535	1.841583	-0.0735
ENSG000006307	MSMO1	methylster	ENSG000009.212226	0.130743	1.781429	0.073392
ENSG00000645843	TMEM14E	transmem	ENSG000005.430034	0.162123	2.213666	0.073237
ENSG00000151963	MB21D2	Mab-21 do	ENSG000005.430034	0.162123	2.213666	0.073237
ENSG0000057717	PCDHB16	protocadh	ENSG000005.430034	0.162123	2.213666	0.073237

ENSG000001388121	TNFAIP8L3	TNF alpha	ENSG0000015430034	0.162123	2.213666	0.073237
ENSG00000125799	ZNF324	zinc finger	ENSG0000015430034	0.162123	2.213666	0.073237
ENSG000001343990	KIAA1211L	KIAA1211	ENSG0000016337655	-0.16027	2.188531	-0.07323
ENSG0000012593	GAMT	guanidino	ENSG0000011676654	0.098065	1.339165	0.073228
ENSG00000190529	STPG1	sperm tail	ENSG0000013558425	0.196986	2.694818	0.073098
ENSG00000179169	C1orf35	chromosom	ENSG0000013558425	0.196986	2.694818	0.073098
ENSG00000180333	KCNIP4	potassium	ENSG0000013558425	0.196986	2.694818	0.073098
ENSG000001105379049	LOC105379049	uncharacter	ENSG0000013558425	0.196986	2.694818	0.073098
ENSG000001203259	FAM219A	family with	ENSG0000013776908	0.070692	0.967534	0.073064
ENSG0000010237188			ENSG000001424228	-0.18379	2.515539	-0.07306
ENSG0000010271811			ENSG000001424228	-0.18379	2.515539	-0.07306
ENSG000001678655	CD27-AS1	CD27 antis	ENSG000001424228	-0.18379	2.515539	-0.07306
ENSG00000197	ACYP1	acylphosph	ENSG000001424228	-0.18379	2.515539	-0.07306
ENSG0000010263272			ENSG000001424228	-0.18379	2.515539	-0.07306
ENSG0000017105	TSPAN6	tetraspanin	ENSG000001424228	-0.18379	2.515539	-0.07306
ENSG00000160686	C14orf93	chromosom	ENSG0000015391062	0.168534	2.30939	0.072978
ENSG00000192140	MTDH	metadherin	ENSG0000011235873	-0.04812	0.661377	-0.07276
ENSG0000011209	CLPTM1	CLPTM1, tr	ENSG0000015612853	-0.06082	0.837172	-0.07265
ENSG0000014772	NFATC1	nuclear fac	ENSG0000011434578	-0.1049	1.445433	-0.07257
ENSG00000157703	CWC22	CWC22 spl	ENSG0000012250456	0.085757	1.18416	0.07242
ENSG0000014848	CNOT2	CCR4-NOT	ENSG0000016632214	0.059022	0.815225	0.0724
ENSG000001113510	HELQ	helicase, P	ENSG0000011866077	0.092947	1.285003	0.072332
ENSG000001252969	NEIL2	nei like DN	ENSG0000011835801	-0.09432	1.304587	-0.0723
ENSG000001286053	NSMCE2	NSE2 (MM	ENSG0000011835801	-0.09432	1.304587	-0.0723
ENSG0000015354	PLP1	proteolipid	ENSG0000011835801	-0.09432	1.304587	-0.0723
ENSG00000179892	MCMBP	minichrom	ENSG0000016603717	-0.05884	0.814342	-0.07225
ENSG00000157187	THOC2	THO compl	ENSG0000016262796	0.058085	0.804009	0.072244
ENSG00000123142	DCUN1D4	defective in	ENSG0000014347441	0.066062	0.914924	0.072205
ENSG0000011398	CRK	CRK proto-	ENSG0000016645541	0.056948	0.788713	0.072204
ENSG00000155258	THNSL2	threonine s	ENSG0000012061033	0.089264	1.236504	0.07219
ENSG0000019114	ATP6V0D1	ATPase H+	ENSG0000014219759	-0.06699	0.932129	-0.07187
ENSG0000015306	PITPNA	phosphatic	ENSG0000017596594	-0.05444	0.757653	-0.07185
ENSG00000111102	RPP14	ribonuclea	ENSG0000013822433	-0.06924	0.964526	-0.07179
ENSG0000019616	RNF7	ring finger	ENSG0000013396426	0.071997	1.00414	0.0717
ENSG0000019678	PHF14	PHD finger	ENSG0000013396426	0.071997	1.00414	0.0717
ENSG00000164222	TOR3A	torsin fami	ENSG0000011680551	0.095883	1.340964	0.071503
ENSG0000017621	ZNF70	zinc finger	ENSG0000011831904	-0.09223	1.295236	-0.07121
ENSG0000012134	EXTL1	exostosin I	ENSG0000017340616	0.140314	1.971725	0.071163
ENSG000001105372482	LOC105372482	uncharacter	ENSG0000017340616	0.140314	1.971725	0.071163
ENSG00000129880	ALG5	ALG5, dolich	ENSG0000019156905	0.12869	1.808565	0.071156
ENSG00000110717	AP4B1	adaptor rel	ENSG0000019195878	0.124524	1.750087	0.071153
ENSG0000010214425			ENSG000001625971	-0.14907	2.103846	-0.07086
ENSG000001400986	ANKRD36C	ankyrin re	ENSG0000013426741	-0.07093	1.004264	-0.07063
ENSG00000111234	HPS5	HPS5, biog	ENSG0000012432608	-0.08175	1.15777	-0.07061
ENSG00000151429	SNX9	sorting nex	ENSG0000018192773	-0.05252	0.745024	-0.0705
ENSG0000019296	ATP6V1F	ATPase H+	ENSG0000011485596	0.10117	1.436354	0.070435
ENSG00000154680	ZNHIT6	zinc finger	ENSG0000012248821	0.08367	1.189118	0.070363

ENSG0000051133	KCTD3	potassium	ENSG0000042.17497	-0.06516	0.927909	-0.07023
ENSG0000054487	DGCR8	DGCR8, mi	ENSG0000016.28526	-0.09687	1.380712	-0.07016
ENSG000005818	NECTIN1	nectin cell	ENSG0000030.15945	0.073572	1.049696	0.070089
ENSG0000022989	MYH15	myosin he	ENSG000002.202224	-0.24432	3.486121	-0.07008
ENSG00000280388			ENSG000002.202224	-0.24432	3.486121	-0.07008
ENSG00000223678			ENSG000002.202224	-0.24432	3.486121	-0.07008
ENSG0000079176	FBXL15	F-box and l	ENSG000002.202224	-0.24432	3.486121	-0.07008
ENSG0000065012	SLC26A10	solute carr	ENSG000002.202224	-0.24432	3.486121	-0.07008
ENSG00000100287559	ADPGK-AS	ADPGK ant	ENSG000002.202224	-0.24432	3.486121	-0.07008
ENSG00000101927009	LINC02177	long interg	ENSG000002.202224	-0.24432	3.486121	-0.07008
ENSG00000283849	EXOC3L1	exocyst coi	ENSG000002.202224	-0.24432	3.486121	-0.07008
ENSG00000265519			ENSG000002.202224	-0.24432	3.486121	-0.07008
ENSG0000051326	ARL17A	ADP ribosy	ENSG000002.202224	-0.24432	3.486121	-0.07008
ENSG00000360200	TMPRSS9	transmeml	ENSG000002.202224	-0.24432	3.486121	-0.07008
ENSG00000284390	ZNF763	zinc finger	ENSG000002.202224	-0.24432	3.486121	-0.07008
ENSG0000084919	PPP1R15B	protein ph	ENSG0000085.59889	0.051772	0.738891	0.070067
ENSG000007770	ZNF227	zinc finger	ENSG0000016.34058	-0.09644	1.376459	-0.07007
ENSG000009648	GCC2	GRIP and c	ENSG0000083.79267	0.05177	0.740883	0.069876
ENSG0000055884	WSB2	WD repeat	ENSG0000085.70953	0.050932	0.731317	0.069645
ENSG00000223356			ENSG000001.725788	0.288486	4.143634	0.069621
ENSG00000338382	RAB7B	RAB7B, me	ENSG000001.725788	0.288486	4.143634	0.069621
ENSG0000080705	TSGA10	testis speci	ENSG000001.725788	0.288486	4.143634	0.069621
ENSG00000233654			ENSG000001.725788	0.288486	4.143634	0.069621
ENSG0000058538	MPP4	membrane	ENSG000001.725788	0.288486	4.143634	0.069621
ENSG000002825	GPR1	G protein-c	ENSG000001.725788	0.288486	4.143634	0.069621
ENSG00000101929071	LINC01182	long interg	ENSG000001.725788	0.288486	4.143634	0.069621
ENSG00000213891			ENSG000001.725788	0.288486	4.143634	0.069621
ENSG00000222611	ADGRF2	adhesion C	ENSG000001.725788	0.288486	4.143634	0.069621
ENSG00000272008			ENSG000001.725788	0.288486	4.143634	0.069621
ENSG0000022844	FRMPD1	FERM and l	ENSG000001.725788	0.288486	4.143634	0.069621
ENSG00000387646	LRR37A6f	leucine ricl	ENSG000001.725788	0.288486	4.143634	0.069621
ENSG00000105988			ENSG000001.725788	0.288486	4.143634	0.069621
ENSG000004168	MCF2	MCF.2 cell	ENSG000001.725788	0.288486	4.143634	0.069621
ENSG0000080255	SLC35F5	solute carr	ENSG0000076.10509	0.052599	0.755688	0.069604
ENSG0000051504	TRMT112	tRNA meth	ENSG0000026.23771	0.08063	1.159098	0.069563
ENSG000004528	MTIF2	mitochond	ENSG0000062.72226	0.056853	0.81824	0.069482
ENSG00000227775			ENSG000005.469007	0.156353	2.25371	0.069376
ENSG000003383	ICAM1	intercellul	ENSG0000028.17092	0.076907	1.111782	0.069175
ENSG0000084460	ZMAT1	zinc finger	ENSG0000018.73872	0.088896	1.285234	0.069167
ENSG0000051304	ZDHHC3	zinc finger	ENSG0000062.01238	-0.0559	0.808534	-0.06914
ENSG0000054916	TMEM260	transmeml	ENSG0000012.28938	-0.10658	1.542047	-0.06912
ENSG000009400	RECQL5	RecQ like h	ENSG0000012.28938	-0.10658	1.542047	-0.06912
ENSG000002899	GRIK3	glutamate	ENSG000003.597398	0.188875	2.737148	0.069004
ENSG00000157777	MCMD2	minichrom	ENSG000003.597398	0.188875	2.737148	0.069004
ENSG00000100506394	GAS6-DT	GAS6 diver	ENSG000003.597398	0.188875	2.737148	0.069004
ENSG000009459	ARHGEF6	Rac/Cdc42	ENSG00000108.7358	0.047093	0.682779	0.068973
ENSG0000054778	RNF111	ring finger	ENSG0000047.36345	0.061156	0.886695	0.06897

ENSG0000010445	MCRS1	microspher	ENSG00000155245	55.01833	0.058	0.842245	0.068863
ENSG0000019650	MTFR1	mitochond	ENSG00000155245	20.25853	-0.08679	1.264339	-0.06865
ENSG00000155245	UQCC1	ubiquinol-c	ENSG0000019331	93.91291	-0.05112	0.747326	-0.0684
ENSG0000019331	B4GALT6	beta-1,4-ga	ENSG00000110472	11.14543	0.112874	1.652159	0.068319
ENSG00000110472	ZBTB18	zinc finger	ENSG00000179944	60.8343	0.055389	0.815041	0.067959
ENSG00000179944	L2HGDH	L-2-hydrox	ENSG000001153339	18.33539	-0.08996	1.323848	-0.06795
ENSG000001153339	TMEM167	transmembr	ENSG0000018702	89.59857	0.048959	0.721945	0.067815
ENSG0000018702	B4GALT4	beta-1,4-ga	ENSG00000179649	16.82814	0.090621	1.336382	0.067811
ENSG00000179649	MAP7D3	MAP7 dom	ENSG00000110172	32.07631	0.069504	1.027847	0.067621
ENSG00000110172	ZNF256	zinc finger	ENSG0000015190	11.12909	0.108178	1.601505	0.067548
ENSG0000015190	PEX6	peroxisom	ENSG00000155346	30.18207	0.070785	1.049845	0.067425
ENSG00000155346	TCP11L1	t-complex	ENSG000001196740	18.72237	0.086247	1.280529	0.067353
ENSG000001196740	VSTM4	V-set and t	ENSG0000019804	60.76263	0.055334	0.821788	0.067333
ENSG0000019804	TOMM20	translocase	ENSG000001375287	150.9671	0.042556	0.632284	0.067305
ENSG000001375287	RBM43	RNA bindir	ENSG00000191298	10.27195	-0.1124	1.670356	-0.06729
ENSG00000191298	C12orf29	chromosom	ENSG0000011482	16.26264	-0.09186	1.366808	-0.06721
ENSG0000011482	NKX2-5	NK2 home	ENSG0000014928	34.20581	-0.06735	1.003804	-0.0671
ENSG0000014928	NUP98	nucleopor	ENSG00000151742	158.6446	0.041971	0.627135	0.066926
ENSG00000151742	ARID4B	AT-rich int	ENSG00000164318	64.62905	0.053556	0.800298	0.06692
ENSG00000164318	NOC3L	NOC3 like	ENSG00000154883	20.61661	0.082763	1.236889	0.066912
ENSG00000154883	CWC25	CWC25 spl	ENSG000001152579	20.61661	0.082763	1.236889	0.066912
ENSG000001152579	SCFD2	sec1 family	ENSG0000015412	14.28418	-0.09651	1.444904	-0.06679
ENSG0000015412	UBL3	ubiquitin li	ENSG0000016507	43.61395	0.061065	0.914659	0.066763
ENSG0000016507	SLC1A3	solute carr	ENSG00000154899	160.3892	0.043382	0.65011	0.066731
ENSG00000154899	PXK	PX domain	ENSG0000018685	26.3936	0.074007	1.1093	0.066715
ENSG0000018685	MARCO	macrophag	ENSG00000123014	14.35833	-0.11805	1.771014	-0.06666
ENSG00000123014	FBXO21	F-box prot	ENSG00000192344	85.79376	0.048583	0.730033	0.066549
ENSG00000192344	GORAB	golgin, RA	ENSG0000014299	12.98435	0.102267	1.5376	0.066511
ENSG0000014299	AFF1	AF4/FMR2	ENSG0000010279191	315.2302	-0.03705	0.557778	-0.06642
ENSG0000010279191			ENSG0000017464	2.163251	-0.2309	3.487558	-0.06621
ENSG0000017464	CORO2A	coronin 2A	ENSG000001100132594	2.163251	-0.2309	3.487558	-0.06621
ENSG000001100132594	PGAM1P5	phosphogl	ENSG0000010274341	2.163251	-0.2309	3.487558	-0.06621
ENSG0000010274341			ENSG00000190187	2.163251	-0.2309	3.487558	-0.06621
ENSG00000190187	EMILIN3	elastin mic	ENSG00000151701	2.163251	-0.2309	3.487558	-0.06621
ENSG00000151701	NLK	nemo like	ENSG00000179818	40.2292	-0.06424	0.971059	-0.06615
ENSG00000179818	ZNF552	zinc finger	ENSG00000179982	13.02332	0.099237	1.500744	0.066125
ENSG00000179982	DNAJB14	DnaJ heat	ENSG00000110887	48.04246	-0.05885	0.890136	-0.06611
ENSG00000110887	PROKR1	prokinetic	ENSG00000160487	18.76134	0.084247	1.276397	0.066004
ENSG00000160487	TRMT11	tRNA meth	ENSG00000121	18.76134	0.084247	1.276397	0.066004
ENSG00000121	ABCA3	ATP bindin	ENSG0000019489	22.54981	0.078102	1.185311	0.065892
ENSG0000019489	PGS1	phosphatic	ENSG0000019486	22.54981	0.078102	1.185311	0.065892
ENSG0000019486	CHST10	carbohydr	ENSG0000014329	16.86711	0.088429	1.342309	0.065878
ENSG0000014329	ALDH6A1	aldehyde d	ENSG00000125800	107.4604	-0.0455	0.690722	-0.06587
ENSG00000125800	SLC39A6	solute carr	ENSG00000126610	24.44405	0.075837	1.153153	0.065765
ENSG00000126610	ELP4	elongator	ENSG000001224	8.254515	-0.12105	1.844272	-0.06563
ENSG000001224	ALDH3A2	aldehyde d	ENSG000001728577	73.93596	-0.05142	0.785294	-0.06547
ENSG000001728577	CNTNAP3B	contactin a	ENSG000001728577	6.276057	-0.141	2.162526	-0.0652

ENSG00000128999	ENSG00000128999	KLF15	Kruppel lik	ENSG00000128999	45.35857	0.062841	0.964846	0.065131
ENSG00000180310	ENSG00000180310	PDGFD	platelet de	ENSG00000180310	41.5701	0.063587	0.977214	0.06507
ENSG00000151024	ENSG00000151024	FIS1	fission, mit	ENSG00000151024	73.78634	-0.04978	0.766033	-0.06498
ENSG00000155206	ENSG00000155206	SBNO1	strawberry	ENSG00000155206	121.4505	-0.0443	0.681764	-0.06497
ENSG0000014258	ENSG0000014258	MGST2	microsoma	ENSG0000014258	24.48302	0.074166	1.142536	0.064914
ENSG00000155000	ENSG00000155000	TUG1	taurine up-	ENSG00000155000	81.6939	-0.04861	0.7489	-0.0649
ENSG0000013918	ENSG0000013918	LAMC2	laminin sul	ENSG0000013918	4.219654	-0.16329	2.52141	-0.06476
ENSG000001277007	ENSG000001277007			ENSG000001277007	4.219654	-0.16329	2.52141	-0.06476
ENSG000001229320	ENSG000001229320			ENSG000001229320	4.219654	-0.16329	2.52141	-0.06476
ENSG0000012784	ENSG0000012784	GNB3	G protein s	ENSG0000012784	4.219654	-0.16329	2.52141	-0.06476
ENSG00000184342	ENSG00000184342	COG8	componen	ENSG00000184342	4.219654	-0.16329	2.52141	-0.06476
ENSG000001267385	ENSG000001267385			ENSG000001267385	4.219654	-0.16329	2.52141	-0.06476
ENSG000001202058	ENSG000001202058			ENSG000001202058	4.219654	-0.16329	2.52141	-0.06476
ENSG00000184545	ENSG00000184545	MRPL43	mitochond	ENSG00000184545	13.06229	0.096554	1.493213	0.064662
ENSG00000154476	ENSG00000154476	RNF216	ring finger	ENSG00000154476	70.45129	0.05017	0.776484	0.064612
ENSG000001153643	ENSG000001153643	FAM81B	family with	ENSG000001153643	9.055288	-0.31092	4.821299	-0.06449
ENSG0000011960	ENSG0000011960	EGR3	early grow	ENSG0000011960	6.237085	-0.13529	2.098507	-0.06447
ENSG00000193129	ENSG00000193129	ORAI3	ORAI calci	ENSG00000193129	6.237085	-0.13529	2.098507	-0.06447
ENSG00000155663	ENSG00000155663	ZNF446	zinc finger	ENSG00000155663	6.237085	-0.13529	2.098507	-0.06447
ENSG00000155861	ENSG00000155861	DBNDD2	dysbindin c	ENSG00000155861	6.237085	-0.13529	2.098507	-0.06447
ENSG0000011182	ENSG0000011182	CLCN3	chloride vc	ENSG0000011182	204.6766	-0.0403	0.6253	-0.06445
ENSG00000184678	ENSG00000184678	KDM2B	lysine dem	ENSG00000184678	12.26675	-0.09969	1.547963	-0.0644
ENSG00000179672	ENSG00000179672	FN3KRP	fructosami	ENSG00000179672	9.218503	0.114898	1.784686	0.06438
ENSG0000019140	ENSG0000019140	ATG12	autophagy	ENSG0000019140	28.31046	0.069292	1.07789	0.064285
ENSG000001126068	ENSG000001126068	ZNF441	zinc finger	ENSG000001126068	14.95653	0.090219	1.407259	0.06411
ENSG0000011665	ENSG0000011665	DHX15	DEAH-box	ENSG0000011665	109.3773	-0.04436	0.69209	-0.06409
ENSG0000016396	ENSG0000016396	SEC13	SEC13 horr	ENSG0000016396	44.04657	-0.05834	0.912316	-0.06395
ENSG00000126586	ENSG00000126586	CKAP2	cytoskeletc	ENSG00000126586	9.257476	0.110995	1.740918	0.063757
ENSG000001115939	ENSG000001115939	TSR3	TSR3, acp t	ENSG000001115939	9.257476	0.110995	1.740918	0.063757
ENSG00000155257	ENSG00000155257	MRGBP	MRG doma	ENSG00000155257	9.257476	0.110995	1.740918	0.063757
ENSG0000019807	ENSG0000019807	IP6K1	inositol he	ENSG0000019807	42.05177	-0.05933	0.93107	-0.06372
ENSG00000191689	ENSG00000191689	SMDT1	single-pass	ENSG00000191689	16.24001	-0.08672	1.363705	-0.06359
ENSG0000016602	ENSG0000016602	SMARCD1	SWI/SNF r	ENSG0000016602	24.52199	0.072549	1.142183	0.063518
ENSG00000155739	ENSG00000155739	NAXD	NAD(P)HX	ENSG00000155739	24.52199	0.072549	1.142183	0.063518
ENSG0000015863	ENSG0000015863	RGL2	ral guanine	ENSG0000015863	53.98163	-0.05375	0.849708	-0.06326
ENSG000001100506714	ENSG000001100506714	NUP50-DT	NUP50 div	ENSG000001100506714	5.491632	0.139218	2.203367	0.063184
ENSG0000017137	ENSG0000017137	TNNI3	troponin I3	ENSG0000017137	853.4561	-0.03366	0.532812	-0.06317
ENSG00000183696	ENSG00000183696	TRAPPC9	trafficking	ENSG00000183696	46.05773	-0.05678	0.900545	-0.06305
ENSG00000157103	ENSG00000157103	TIGAR	TP53 induc	ENSG00000157103	16.90608	0.086013	1.367137	0.062915
ENSG00000125920	ENSG00000125920	NELFB	negative el	ENSG00000125920	22.62776	0.074621	1.186556	0.062889
ENSG0000018078	ENSG0000018078	USP5	ubiquitin s	ENSG0000018078	55.19685	0.053054	0.843776	0.062877
ENSG000001260186	ENSG000001260186			ENSG000001260186	10.28829	-0.10796	1.730074	-0.0624
ENSG000001155370	ENSG000001155370	SBDSP1	SBDS, ribos	ENSG000001155370	18.78397	0.079584	1.2769	0.062326
ENSG0000015029	ENSG0000015029	P2RY2	purinergic	ENSG0000015029	14.9955	0.087823	1.410289	0.062273
ENSG0000013068	ENSG0000013068	HDGF	heparin bir	ENSG0000013068	182.0053	0.037721	0.606123	0.062234
ENSG0000012332	ENSG0000012332	FMR1	fragile X m	ENSG0000012332	57.05839	0.05198	0.836061	0.062172
ENSG00000155728	ENSG00000155728	N4BP2	NEDD4 bin	ENSG00000155728	30.28264	0.065256	1.049955	0.062151

ENSG000011374	CPT1A	carnitine p	ENSG00001110.9091	0.04277	0.688771	0.062096
ENSG000013981	LIG4	DNA ligase	ENSG0000124.20289	-0.07172	1.154977	-0.0621
ENSG0000155031	USP47	ubiquitin s	ENSG00001190.5118	-0.03785	0.612297	-0.06182
ENSG00001236065			ENSG000011.748414	0.232247	3.757932	0.061802
ENSG00001229052			ENSG000011.748414	0.232247	3.757932	0.061802
ENSG0000191181	NUP210L	nucleoporin	ENSG000011.748414	0.232247	3.757932	0.061802
ENSG0000179957	PAQR6	progesterone	ENSG000011.748414	0.232247	3.757932	0.061802
ENSG00001100506134	TTC21B-AS1	TTC21B anti	ENSG000011.748414	0.232247	3.757932	0.061802
ENSG00001224063			ENSG000011.748414	0.232247	3.757932	0.061802
ENSG00001235978			ENSG000011.748414	0.232247	3.757932	0.061802
ENSG0000127065	NSG1	neuronal v	ENSG000011.748414	0.232247	3.757932	0.061802
ENSG00001285525	YIPF7	Yip1 domain	ENSG000011.748414	0.232247	3.757932	0.061802
ENSG00001214671			ENSG000011.748414	0.232247	3.757932	0.061802
ENSG00001100506495	LIFR-AS1	LIFR antisense	ENSG000011.748414	0.232247	3.757932	0.061802
ENSG0000164946	CENPH	centromere	ENSG000011.748414	0.232247	3.757932	0.061802
ENSG00001153562	MARVELD2	MARVEL domain	ENSG000011.748414	0.232247	3.757932	0.061802
ENSG00001249593			ENSG000011.748414	0.232247	3.757932	0.061802
ENSG00001247679			ENSG000011.748414	0.232247	3.757932	0.061802
ENSG00001101928461	LOC101928461	uncharacterized	ENSG000011.748414	0.232247	3.757932	0.061802
ENSG000019865	TRIL	TLR4 intera	ENSG000011.748414	0.232247	3.757932	0.061802
ENSG00001242588			ENSG000011.748414	0.232247	3.757932	0.061802
ENSG000012146	EZH2	enhancer c	ENSG000011.748414	0.232247	3.757932	0.061802
ENSG00001158160	HSD17B7P	hydroxysteroid	ENSG000011.748414	0.232247	3.757932	0.061802
ENSG00001214067			ENSG000011.748414	0.232247	3.757932	0.061802
ENSG00001233340			ENSG000011.748414	0.232247	3.757932	0.061802
ENSG00001245156			ENSG000011.748414	0.232247	3.757932	0.061802
ENSG00001257953			ENSG000011.748414	0.232247	3.757932	0.061802
ENSG00001257979			ENSG000011.748414	0.232247	3.757932	0.061802
ENSG00001258424			ENSG000011.748414	0.232247	3.757932	0.061802
ENSG00001279665			ENSG000011.748414	0.232247	3.757932	0.061802
ENSG00001269951			ENSG000011.748414	0.232247	3.757932	0.061802
ENSG00001279520			ENSG000011.748414	0.232247	3.757932	0.061802
ENSG00001100861516	RAI1-AS1	RAI1 antisense	ENSG000011.748414	0.232247	3.757932	0.061802
ENSG00001236234			ENSG000011.748414	0.232247	3.757932	0.061802
ENSG00001265218			ENSG000011.748414	0.232247	3.757932	0.061802
ENSG0000191179	SCARF2	scavenger	ENSG000011.748414	0.232247	3.757932	0.061802
ENSG0000129935	RPA4	replication	ENSG000011.748414	0.232247	3.757932	0.061802
ENSG000015921	RASA1	RAS p21 pr	ENSG0000147.4703	0.055167	0.893652	0.061732
ENSG00001577	ADGRB3	adhesion G	ENSG000019.296449	0.107439	1.747296	0.061489
ENSG0000126022	TMEM98	transmembrane	ENSG000016.198112	-0.13013	2.12379	-0.06127
ENSG000015877	RABIF	RAB intera	ENSG000014.180682	-0.15604	2.548537	-0.06123
ENSG0000151072	MEMO1	mediator c	ENSG000014.180682	-0.15604	2.548537	-0.06123
ENSG00001204685			ENSG000014.180682	-0.15604	2.548537	-0.06123
ENSG00001256947			ENSG000014.180682	-0.15604	2.548537	-0.06123
ENSG00001388569	ZNF324B	zinc finger	ENSG000014.180682	-0.15604	2.548537	-0.06123
ENSG000018887	TAX1BP1	Tax1 binding	ENSG00001214.3099	-0.03745	0.612277	-0.06117
ENSG0000110919	EHMT2	euchromatin	ENSG0000120.71718	0.074821	1.223484	0.061154

ENSG00000180212	CCDC92	coiled-coil	ENSG00000144.0403	-0.05586	0.916398	-0.06096
ENSG0000011677	DFFB	DNA fragm	ENSG0000013.620023	0.162075	2.665794	0.060798
ENSG00000156260	C8orf44	chromosor	ENSG0000013.620023	0.162075	2.665794	0.060798
ENSG0000015890	RAD51B	RAD51 par	ENSG0000013.620023	0.162075	2.665794	0.060798
ENSG0000014150	MAZ	MYC associ	ENSG0000013.620023	0.162075	2.665794	0.060798
ENSG00000183855	KLF16	Kruppel lik	ENSG0000013.620023	0.162075	2.665794	0.060798
ENSG00000127330	RPS6KA6	ribosomal	ENSG0000013.620023	0.162075	2.665794	0.060798
ENSG0000011805	DPT	dermatopc	ENSG00000169.71251	-0.04754	0.782216	-0.06077
ENSG0000013182	HNRNPAB	heterogen	ENSG00000143.68183	0.055534	0.913939	0.060763
ENSG00000155298	RNF121	ring finger	ENSG00000113.04594	0.092581	1.523704	0.06076
ENSG00000155308	DDX19A	DEAD-box	ENSG00000111.19068	0.097007	1.598019	0.060705
ENSG000001285025	CCDC141	coiled-coil	ENSG000001309.2648	-0.03559	0.58686	-0.06064
ENSG0000011327	COX4I1	cytochrom	ENSG000001435.4148	-0.03256	0.537972	-0.06052
ENSG00000164759	TNS3	tensin 3	ENSG000001117.2207	-0.04066	0.67223	-0.06048
ENSG000001157567	ANKRD46	ankyrin re	ENSG00000126.15872	-0.06748	1.116182	-0.06046
ENSG00000155280	CWF19L1	CWF19 like	ENSG00000122.66673	0.072734	1.204542	0.060383
ENSG0000014684	NCAM1	neural cell	ENSG000001403.3158	0.032257	0.534975	0.060296
ENSG00000157037	ANKMY2	ankyrin re	ENSG00000130.32161	0.063831	1.05868	0.060293
ENSG00000155066	PDPR	pyruvate d	ENSG00000167.7177	-0.04778	0.792556	-0.06028
ENSG0000015528	PPP2R5D	protein ph	ENSG00000145.99613	-0.05409	0.899793	-0.06012
ENSG000001192111	PGAM5	PGAM fam	ENSG00000128.15352	-0.0653	1.087405	-0.06005
ENSG00000123170	TTL12	tubulin tyr	ENSG00000113.08492	0.089683	1.49428	0.060017
ENSG00000150486	G0S2	G0/G1 swit	ENSG00000120.74987	0.078472	1.307626	0.060011
ENSG000001100289635	ZNF605	zinc finger	ENSG00000132.08781	-0.06165	1.027755	-0.05998
ENSG0000015584	PRKCI	protein kin	ENSG00000137.96015	0.057554	0.960537	0.059919
ENSG00000180024	SLC8B1	solute carr	ENSG00000114.94018	0.087161	1.45628	0.059852
ENSG0000017529	YWHAB	tyrosine 3-	ENSG000001162.7863	0.037505	0.627114	0.059805
ENSG0000016487	ST3GAL3	ST3 beta-g	ENSG00000126.47783	0.066053	1.105893	0.059728
ENSG000001199857	ALG14	ALG14, UD	ENSG0000017.385867	0.115185	1.933644	0.059569
ENSG00000154970	TTC12	tetratricop	ENSG0000017.385867	0.115185	1.933644	0.059569
ENSG0000019091	PIGQ	phosphatic	ENSG0000017.385867	0.115185	1.933644	0.059569
ENSG00000154442	KCTD5	potassium	ENSG0000017.385867	0.115185	1.933644	0.059569
ENSG000001201191	SAMD14	sterile alph	ENSG0000017.385867	0.115185	1.933644	0.059569
ENSG00000154093	SETD4	SET domai	ENSG0000017.385867	0.115185	1.933644	0.059569
ENSG0000016314	ATXN7	ataxin 7	ENSG00000163.74444	-0.04798	0.806289	-0.05951
ENSG00000129080	CCDC59	coiled-coil	ENSG00000114.97915	0.084349	1.418221	0.059475
ENSG00000184865	CCDC142	coiled-coil	ENSG0000018.23189	-0.11069	1.866945	-0.05929
ENSG00000110423	CDIPT	CDP-diacyl	ENSG00000138.01547	0.057317	0.974275	0.058831
ENSG000001222	FDFT1	farnesyl-di	ENSG00000172.39706	0.047021	0.801581	0.05866
ENSG00000180349	WDR61	WD repeat	ENSG00000120.66186	0.074908	1.279566	0.058542
ENSG0000013082	HGF	hepatocyte	ENSG00000112.968	0.101344	1.731345	0.058535
ENSG00000151043	ZBTB7B	zinc finger	ENSG00000132.10416	-0.06048	1.033509	-0.05852
ENSG00000100271976			ENSG0000015.530605	0.133048	2.275585	0.058468
ENSG00000151074	APIP	APAF1 inte	ENSG00000115.01812	0.081904	1.404146	0.05833
ENSG000001140612	ZFP28	ZFP28 zinc	ENSG00000115.01812	0.081904	1.404146	0.05833
ENSG000001348262	MCRIP1	MAPK regl	ENSG00000116.91236	0.078011	1.337747	0.058315
ENSG00000110948	STARD3	StAR relate	ENSG00000118.80659	0.075001	1.286632	0.058292

ENSG00000111017	SNRNP27	small nucle	ENSG00000111017	13.12389	0.087019	1.492977	0.058285
ENSG00000129081	METTL5	methyltran	ENSG00000129081	13.12389	0.087019	1.492977	0.058285
ENSG00000180853	KDM7A	lysine dem	ENSG00000180853	83.48128	-0.04306	0.74086	-0.05812
ENSG000001151313	FAHD2B	fumarylac	ENSG000001151313	11.22966	0.093861	1.617411	0.058031
ENSG0000018073	PTP4A2	protein tyr	ENSG0000018073	230.3052	0.033603	0.579175	0.058018
ENSG00000127030	MLH3	mutL hom	ENSG00000127030	51.30401	0.052084	0.899049	0.057932
ENSG0000013680	ITGA9	integrin su	ENSG0000013680	211.0813	0.034857	0.602943	0.057811
ENSG00000126097	CHTOP	chromatin	ENSG00000126097	59.13114	0.047305	0.819837	0.0577
ENSG00000123285	KIAA1107	KIAA1107	ENSG00000123285	8.192917	-0.10661	1.849569	-0.05764
ENSG00000180789	INTS5	integrator	ENSG00000180789	8.192917	-0.10661	1.849569	-0.05764
ENSG00000110298	PAK4	p21 (RAC1)	ENSG00000110298	8.192917	-0.10661	1.849569	-0.05764
ENSG000001147650	SPACA6	sperm acrc	ENSG000001147650	8.192917	-0.10661	1.849569	-0.05764
ENSG0000019688	NUP93	nucleopor	ENSG0000019688	32.27745	0.059047	1.028378	0.057418
ENSG0000011716	DGUOK	deoxyguan	ENSG0000011716	9.280101	0.101314	1.765538	0.057384
ENSG0000012309	FOXO3	forkhead b	ENSG0000012309	157.0156	0.037245	0.649263	0.057365
ENSG000001286753	TRARG1	trafficking	ENSG000001286753	3.58105	0.17397	3.041127	0.057206
ENSG00000184260	TCHP	trichoplein	ENSG00000184260	20.207	-0.07272	1.271841	-0.05718
ENSG00000163898	SH2D4A	SH2 domai	ENSG00000163898	6.21446	-0.12165	2.145342	-0.05671
ENSG0000014325	MMP16	matrix met	ENSG0000014325	6.21446	-0.12165	2.145342	-0.05671
ENSG00000157120	GOPC	golgi assoc	ENSG00000157120	43.7824	0.051609	0.910724	0.056668
ENSG00000110111	RAD50	RAD50 do	ENSG00000110111	89.43679	-0.04109	0.725303	-0.05665
ENSG0000019733	SART3	spliceosom	ENSG0000019733	51.42093	0.049012	0.866155	0.056586
ENSG00000129915	HCFC2	host cell fa	ENSG00000129915	38.02175	0.054246	0.959738	0.056522
ENSG00000126147	PHF19	PHD finger	ENSG00000126147	14.19996	-0.08218	1.457364	-0.05639
ENSG00000191120	ZNF682	zinc finger	ENSG00000191120	14.19996	-0.08218	1.457364	-0.05639
ENSG000001375743	PTAR1	protein pre	ENSG000001375743	89.89649	0.040614	0.720429	0.056375
ENSG00000155778	ZNF839	zinc finger	ENSG00000155778	15.0571	0.079491	1.412097	0.056293
ENSG000001115704	EVI5L	ecotropic v	ENSG000001115704	22.2018	-0.06965	1.237533	-0.05628
ENSG0000015327	PLAT	plasminog	ENSG0000015327	9.319074	0.0976	1.734355	0.056275
ENSG00000111161	ERG28	ergosterol	ENSG00000111161	9.319074	0.0976	1.734355	0.056275
ENSG000001644538	SMIM10	small integ	ENSG000001644538	9.319074	0.0976	1.734355	0.056275
ENSG00000126273	FBXO3	F-box prot	ENSG00000126273	73.61162	-0.04313	0.769046	-0.05609
ENSG00000151529	ANAPC11	anaphase γ	ENSG00000151529	12.16618	-0.08702	1.552849	-0.05604
ENSG000001686	BTD	biotinidase	ENSG000001686	11.17434	0.092445	1.650394	0.056014
ENSG0000016628	SNRPB	small nucle	ENSG0000016628	11.17434	0.092445	1.650394	0.056014
ENSG00000163876	PKNOX2	PBX/knott	ENSG00000163876	10.22669	-0.09606	1.718786	-0.05589
ENSG0000019079	LDB2	LIM domai	ENSG0000019079	43.90075	-0.05098	0.91244	-0.05588
ENSG000001389333	PROB1	proline ric	ENSG000001389333	39.98765	0.054484	0.975351	0.055861
ENSG00000158497	PRUNE1	prune exo	ENSG00000158497	59.78125	-0.04609	0.825799	-0.05581
ENSG0000013178	HNRNPA1	heterogen	ENSG0000013178	253.2015	-0.0325	0.582547	-0.0558
ENSG0000019902	MRC2	mannose r	ENSG0000019902	43.95607	-0.05131	0.921041	-0.05571
ENSG00000190135	BTBD6	BTB domai	ENSG00000190135	35.96051	-0.05526	0.993964	-0.0556
ENSG0000017707	ZNF148	zinc finger	ENSG0000017707	134.227	0.03617	0.650651	0.05559
ENSG0000017404	UTY	ubiquitous	ENSG0000017404	67.61086	-0.04378	0.787734	-0.05557
ENSG00000155647	RAB20	RAB20, me	ENSG00000155647	11.21331	0.088948	1.604408	0.05544
ENSG00000184188	FAR1	fatty acyl-C	ENSG00000184188	79.51809	-0.0416	0.750309	-0.05544
ENSG0000015947	RBP1	retinol bin	ENSG0000015947	6.175487	-0.11624	2.104055	-0.05525

ENSG00000283927	NUDT7	nudix hydr	ENSG000006175487	-0.11624	2.104055	-0.05525
ENSG00000265727			ENSG000006175487	-0.11624	2.104055	-0.05525
ENSG0000057224	NHSL1	NHS like 1	ENSG0000093.36481	-0.03975	0.71974	-0.05523
ENSG000007161	TP73	tumor prot	ENSG000002.140626	-0.19042	3.462546	-0.05499
ENSG00000116540	MRPL53	mitochond	ENSG000002.140626	-0.19042	3.462546	-0.05499
ENSG00000225205			ENSG000002.140626	-0.19042	3.462546	-0.05499
ENSG00000100505875	LINC01088	long interg	ENSG000002.140626	-0.19042	3.462546	-0.05499
ENSG000009627	SNCAIP	synuclein a	ENSG000002.140626	-0.19042	3.462546	-0.05499
ENSG00000347051	SLC10A5	solute carr	ENSG000002.140626	-0.19042	3.462546	-0.05499
ENSG00000276662			ENSG000002.140626	-0.19042	3.462546	-0.05499
ENSG00000219347	TMEM254	TMEM254	ENSG000002.140626	-0.19042	3.462546	-0.05499
ENSG00000121952	METTL21E1	methyltrar	ENSG000002.140626	-0.19042	3.462546	-0.05499
ENSG00000279344			ENSG000002.140626	-0.19042	3.462546	-0.05499
ENSG0000010099666C	LOC10099666C	uncharacte	ENSG000002.140626	-0.19042	3.462546	-0.05499
ENSG0000010597	TRAPPC2B	trafficking	ENSG000002.140626	-0.19042	3.462546	-0.05499
ENSG0000055653	BCAS4	breast carc	ENSG000002.140626	-0.19042	3.462546	-0.05499
ENSG000007307	U2AF1	U2 small n	ENSG000002.140626	-0.19042	3.462546	-0.05499
ENSG0000010015	PDCD6IP	programm	ENSG00000136.7502	-0.03552	0.646307	-0.05495
ENSG000002487	FRZB	frizzled rel	ENSG000005.514257	0.122162	2.224937	0.054906
ENSG000005936	RBM4	RNA bindir	ENSG000005.514257	0.122162	2.224937	0.054906
ENSG00000113246	C12orf57	chromosor	ENSG000005.514257	0.122162	2.224937	0.054906
ENSG0000055030	FBXO34	F-box prote	ENSG0000032.04256	-0.05665	1.032362	-0.05488
ENSG00000285671	RNF180	ring finger	ENSG0000022.12386	-0.06574	1.198356	-0.05486
ENSG000006760	SS18	SS18, nBAF	ENSG0000077.45789	-0.04255	0.776042	-0.05483
ENSG000009584	RBM39	RNA bindir	ENSG00000184.0534	-0.03312	0.605767	-0.05468
ENSG0000064981	MRPL34	mitochond	ENSG0000016.9903	0.073591	1.347719	0.054604
ENSG0000058155	PTBP2	polypyrimi	ENSG0000028.02026	-0.06184	1.134986	-0.05448
ENSG000009871	SEC24D	SEC24 hom	ENSG0000047.57714	0.049286	0.906587	0.054364
ENSG0000091039	DPP9	dipeptidyl	ENSG0000041.92714	0.050599	0.931356	0.054328
ENSG0000057700	FAM160B1	family with	ENSG0000065.64875	-0.04319	0.795462	-0.0543
ENSG0000090525	SHF	Src homolc	ENSG000008.153944	-0.10237	1.886232	-0.05427
ENSG0000025978	CHMP2B	charged m	ENSG0000037.93269	-0.05225	0.963977	-0.0542
ENSG00000121536	AEBP2	AE binding	ENSG0000038.04437	0.052103	0.961584	0.054185
ENSG000003268	AGFG2	ArfGAP wit	ENSG0000020.72345	0.068771	1.269225	0.054183
ENSG000005565	PRKAB2	protein kin	ENSG0000097.66581	0.041152	0.760952	0.054079
ENSG0000022836	RHOBTB3	Rho relate	ENSG00000155.3225	0.034479	0.638806	0.053974
ENSG0000084572	GNPTG	N-acetylgl	ENSG0000016.93498	0.072936	1.351918	0.05395
ENSG0000010488	CREB3	cAMP resp	ENSG0000015.04075	0.076037	1.411134	0.053883
ENSG000007915	ALDH5A1	aldehyde d	ENSG0000045.96723	-0.05034	0.934805	-0.05385
ENSG00000151246	SGO2	shugoshin	ENSG000004.197029	-0.14412	2.677798	-0.05382
ENSG00000285489	DOK7	docking pr	ENSG000009.358047	0.093991	1.751457	0.053664
ENSG00000388697	HRNR	hornerin	ENSG000004.158056	-0.13521	2.526305	-0.05352
ENSG000008842	PROM1	prominin 1	ENSG000004.158056	-0.13521	2.526305	-0.05352
ENSG00000378108	TRIM74	tripartite n	ENSG000004.158056	-0.13521	2.526305	-0.05352
ENSG00000254778	VXN	vexin	ENSG000004.158056	-0.13521	2.526305	-0.05352
ENSG00000220930	ZEB1-AS1	ZEB1 antis	ENSG000004.158056	-0.13521	2.526305	-0.05352
ENSG0000057453	DSCAML1	DS cell adh	ENSG000004.158056	-0.13521	2.526305	-0.05352

ENSG0000I	ENSG0000I	200312	RNF215	ring finger	ENSG0000I	4.158056	-0.13521	2.526305	-0.05352
ENSG0000I	ENSG0000I	123720	WHAMM	WAS prote	ENSG0000I	20.09008	-0.0668	1.248716	-0.0535
ENSG0000I	ENSG0000I	54707	GPN2	GPN-loop (	ENSG0000I	18.86819	0.068368	1.281058	0.053368
ENSG0000I	ENSG0000I	55356	SLC22A15	solute carr	ENSG0000I	18.86819	0.068368	1.281058	0.053368
ENSG0000I	ENSG0000I	2819	GPD1	glycerol-3-	ENSG0000I	18.1506	-0.0699	1.312182	-0.05327
ENSG0000I	ENSG0000I	54495	TMX3	thioredoxin	ENSG0000I	70.75928	0.041168	0.773399	0.05323
ENSG0000I	ENSG0000I	81578	COL21A1	collagen ty	ENSG0000I	45.83396	-0.04772	0.897694	-0.05315
ENSG0000I	ENSG0000I	157	GRK3	G protein-c	ENSG0000I	30.38949	0.05561	1.047715	0.053077
ENSG0000I	ENSG0000I	643783	USP46-AS1	USP46 anti	ENSG0000I	5.55323	0.116632	2.198287	0.053056
ENSG0000I	ENSG0000I	78991	PCYOX1L	prenylcyste	ENSG0000I	5.55323	0.116632	2.198287	0.053056
ENSG0000I	ENSG0000I	10591	DNPH1	2'-deoxynu	ENSG0000I	5.55323	0.116632	2.198287	0.053056
ENSG0000I	ENSG00000273151				ENSG0000I	5.55323	0.116632	2.198287	0.053056
ENSG0000I	ENSG0000I	6329	SCN4A	sodium vol	ENSG0000I	5.55323	0.116632	2.198287	0.053056
ENSG0000I	ENSG0000I	5786	PTPRA	protein tyr	ENSG0000I	59.63164	-0.04438	0.837075	-0.05302
ENSG0000I	ENSG0000I	79091	METTL22	methyltrar	ENSG0000I	16.97396	0.07066	1.333673	0.052981
ENSG0000I	ENSG0000I	90826	PRMT9	protein arg	ENSG0000I	10.14875	-0.08903	1.682252	-0.05293
ENSG0000I	ENSG0000I	440345	NPIP4	nuclear po	ENSG0000I	12.12721	-0.08385	1.587569	-0.05282
ENSG0000I	ENSG0000I	134147	CMBL	carboxyme	ENSG0000I	36.08749	-0.05551	1.053491	-0.05269
ENSG0000I	ENSG0000I	96459	FNIP1	folliculin in	ENSG0000I	99.57508	0.0373	0.708857	0.05262
ENSG0000I	ENSG0000I	6237	RRAS	RAS relate	ENSG0000I	41.95983	0.051726	0.983195	0.05261
ENSG0000I	ENSG0000I	51594	NBAS	neuroblast	ENSG0000I	161.3208	0.032978	0.628217	0.052495
ENSG0000I	ENSG0000I	55972	SLC25A40	solute carr	ENSG0000I	16.11682	-0.07183	1.368496	-0.05249
ENSG0000I	ENSG0000I	54867	TMEM214	transmeml	ENSG0000I	38.02803	0.051223	0.977662	0.052393
ENSG0000I	ENSG0000I	149951	COMMD7	COMM dor	ENSG0000I	24.68416	0.06063	1.157779	0.052368
ENSG0000I	ENSG00000228623				ENSG0000I	8.209265	-0.10091	1.931522	-0.05225
ENSG0000I	ENSG0000I	374868	ATP9B	ATPase ph	ENSG0000I	41.84435	-0.04868	0.932014	-0.05223
ENSG0000I	ENSG0000I	1783	DYNC1LI2	dynein cyt	ENSG0000I	143.9508	0.033282	0.637201	0.052232
ENSG0000I	ENSG0000I	123263	MTFMT	mitochond	ENSG0000I	18.90716	0.066354	1.272078	0.052162
ENSG0000I	ENSG0000I	396	ARHGDI1	Rho GDP d	ENSG0000I	37.91006	-0.05017	0.963152	-0.05209
ENSG0000I	ENSG0000I	10947	AP3M2	adaptor rel	ENSG0000I	22.14021	-0.06407	1.231964	-0.05201
ENSG0000I	ENSG0000I	3313	HSPA9	heat shock	ENSG0000I	377.4248	-0.02893	0.557411	-0.05191
ENSG0000I	ENSG0000I	5218	CDK14	cyclin depe	ENSG0000I	43.8555	-0.04743	0.914186	-0.05189
ENSG0000I	ENSG0000I	10728	PTGES3	prostaglan	ENSG0000I	103.5358	0.035839	0.691535	0.051825
ENSG0000I	ENSG0000I	55858	TMEM165	transmeml	ENSG0000I	61.17119	0.042016	0.810842	0.051818
ENSG0000I	ENSG0000I	57696	DDX55	DEAD-box	ENSG0000I	10.1324	-0.09274	1.790426	-0.0518
ENSG0000I	ENSG0000I	1161	ERCC8	ERCC excis	ENSG0000I	8.170292	-0.09606	1.86296	-0.05157
ENSG0000I	ENSG0000I	89932	PAPLN	papilin, pr	ENSG0000I	6.136514	-0.11084	2.150653	-0.05154
ENSG0000I	ENSG0000I	387921	NHLRC3	NHL repea	ENSG0000I	26.61737	0.058107	1.129175	0.05146
ENSG0000I	ENSG0000I	23300	ATMIN	ATM intera	ENSG0000I	68.90402	0.040132	0.780932	0.05139
ENSG0000I	ENSG0000I	83891	SNX25	sorting nex	ENSG0000I	22.10123	-0.06206	1.209129	-0.05133
ENSG0000I	ENSG0000I	7024	TFCP2	transcripti	ENSG0000I	22.10123	-0.06206	1.209129	-0.05133
ENSG0000I	ENSG0000I	23609	MKRN2	makorin ri	ENSG0000I	43.80018	-0.04712	0.918383	-0.05131
ENSG0000I	ENSG0000I	10144	FAM13A	family with	ENSG0000I	43.80018	-0.04712	0.918383	-0.05131
ENSG0000I	ENSG0000I	9382	COG1	componen	ENSG0000I	43.80018	-0.04712	0.918383	-0.05131
ENSG0000I	ENSG0000I	79863	RBFA	ribosome k	ENSG0000I	7.447465	0.098434	1.92144	0.051229
ENSG0000I	ENSG0000I	134218	DNAJC21	DnaJ heat	ENSG0000I	74.63198	0.03903	0.764464	0.051055
ENSG0000I	ENSG0000I	8893	EIF2B5	eukaryotic	ENSG0000I	43.81653	-0.0464	0.912469	-0.05085

ENSG0000015134	PDCD2	programm	ENSG0000015134	28.53423	0.054621	1.07741	0.050697
ENSG0000015681	PSKH1	protein ser	ENSG0000015681	14.13836	-0.07364	1.455165	-0.05061
ENSG00000114	AAMP	angio asso	ENSG00000114	47.76717	-0.04472	0.884515	-0.05056
ENSG00000156922	MCCC1	methylcro	ENSG00000156922	41.97239	0.046767	0.925078	0.050554
ENSG0000017073	TIAL1	TIA1 cytot	ENSG0000017073	78.48204	0.038087	0.756374	0.050355
ENSG00000180006	TRAPPC13	trafficking	ENSG00000180006	18.07265	-0.06571	1.305157	-0.05035
ENSG00000179135	APOO	apolipopro	ENSG00000179135	18.94614	0.06435	1.278267	0.050342
ENSG0000018508	NIPSNAP1	nipsnap ho	ENSG0000018508	15.1187	0.071189	1.414994	0.05031
ENSG00000111054	OGFR	opioid gro	ENSG00000111054	16.07784	-0.06947	1.385257	-0.05015
ENSG00000157020	VPS35L	VPS35 end	ENSG00000157020	51.77313	-0.04375	0.875775	-0.04995
ENSG00000110531	PITRM1	pitrilysin m	ENSG00000110531	95.92995	0.036057	0.724837	0.049745
ENSG0000018799	PEX11B	peroxisom	ENSG0000018799	8.131319	-0.09203	1.857612	-0.04954
ENSG000001196394	AMN1	antagonist	ENSG000001196394	8.131319	-0.09203	1.857612	-0.04954
ENSG0000016158	RPL28	ribosomal	ENSG0000016158	45.82245	0.044296	0.89713	0.049375
ENSG000001728537	C2orf92	chromosor	ENSG000001728537	3.642648	0.136655	2.770758	0.049321
ENSG0000017617	ZNF66	zinc finger	ENSG0000017617	3.642648	0.136655	2.770758	0.049321
ENSG0000019987	HNRNPDL	heterogen	ENSG0000019987	130.5482	-0.03242	0.657439	-0.04931
ENSG0000012869	GRK5	G protein-c	ENSG0000012869	87.42316	-0.03848	0.780766	-0.04928
ENSG0000019252	RPS6KA5	ribosomal	ENSG0000019252	45.78871	-0.04433	0.901574	-0.04917
ENSG000001346007	EYS	eyes shut	ENSG000001346007	4.119084	-0.12755	2.59778	-0.0491
ENSG000001100506668	NRAV	negative re	ENSG000001100506668	4.119084	-0.12755	2.59778	-0.0491
ENSG0000013725	JUN	Jun proto-c	ENSG0000013725	85.23977	-0.03585	0.732769	-0.04893
ENSG000001200186	CRTC2	CREB regul	ENSG000001200186	22.75723	0.0578	1.182337	0.048887
ENSG0000014116	MAGOH	mago hom	ENSG0000014116	11.27491	0.077902	1.596596	0.048792
ENSG0000016882	TAF11	TATA-box	ENSG0000016882	11.27491	0.077902	1.596596	0.048792
ENSG00000156894	AGPAT3	1-acylglyce	ENSG00000156894	112.9659	-0.03414	0.70078	-0.04871
ENSG0000014814	NINJ1	ninjurin 1	ENSG0000014814	24.69044	0.055461	1.139583	0.048668
ENSG0000017769	ZNF226	zinc finger	ENSG0000017769	25.95758	-0.05497	1.134405	-0.04845
ENSG00000127107	ZBTB11	zinc finger	ENSG00000127107	41.99501	0.044846	0.925758	0.048443
ENSG000001126789	PUSL1	pseudouric	ENSG000001126789	3.681621	0.127974	2.649133	0.048308
ENSG00000184058	WDR54	WD repeat	ENSG00000184058	3.681621	0.127974	2.649133	0.048308
ENSG00000184269	CHCHD5	coiled-coil-	ENSG00000184269	3.681621	0.127974	2.649133	0.048308
ENSG000001286046	XKR6	XK related	ENSG000001286046	3.681621	0.127974	2.649133	0.048308
ENSG000001403313	PLPP6	phospholip	ENSG000001403313	3.681621	0.127974	2.649133	0.048308
ENSG0000010261098			ENSG0000010261098	3.681621	0.127974	2.649133	0.048308
ENSG0000013875	KRT18	keratin 18	ENSG0000013875	3.681621	0.127974	2.649133	0.048308
ENSG00000126589	MRPL46	mitochond	ENSG00000126589	3.681621	0.127974	2.649133	0.048308
ENSG00000164755	C16orf58	chromosor	ENSG00000164755	15.10235	0.067784	1.405298	0.048234
ENSG0000012319	FLOT2	flotillin 2	ENSG0000012319	82.35473	0.036395	0.754705	0.048224
ENSG00000123197	FAF2	Fas associa	ENSG00000123197	39.78795	-0.04614	0.956868	-0.04822
ENSG0000016723	SRM	spermidine	ENSG0000016723	10.12612	-0.08056	1.681173	-0.04792
ENSG00000111132	CAPN10	calpain 10	ENSG00000111132	10.12612	-0.08056	1.681173	-0.04792
ENSG00000157691	KIAA1586	KIAA1586	ENSG00000157691	10.12612	-0.08056	1.681173	-0.04792
ENSG00000184078	KBTBD7	kelch repe	ENSG00000184078	10.12612	-0.08056	1.681173	-0.04792
ENSG0000014171	MCM2	minichrom	ENSG0000014171	6.152862	-0.10219	2.134426	-0.04788
ENSG00000164802	NMNAT1	nicotinami	ENSG00000164802	18.98511	0.062164	1.299894	0.047822
ENSG0000017430	EZR	ezrin	ENSG0000017430	227.1057	-0.02785	0.583664	-0.04772

ENSG0000I	ENSG0000I	8841	HDAC3	histone de	ENSG0000I	32.42327	0.048736	1.024177	0.047585
ENSG0000I	ENSG0000I	2903	GRIN2A	glutamate	ENSG0000I	17.06825	0.067866	1.439513	0.047145
ENSG0000I	ENSG0000I	10280	SIGMAR1	sigma non-	ENSG0000I	18.96876	0.059783	1.270842	0.047042
ENSG0000I	ENSG0000I	338699	ANKRD42	ankyrin re	ENSG0000I	11.31388	0.074888	1.596339	0.046912
ENSG0000I	ENSG0000I	53834	FGFRL1	fibroblast	ENSG0000I	20.04483	-0.05853	1.248424	-0.04688
ENSG0000I	ENSG0000I	65988	ZNF747	zinc finger	ENSG0000I	12.12093	-0.07302	1.562409	-0.04673
ENSG0000I	ENSG0000I	28973	MRPS18B	mitochond	ENSG0000I	86.35193	0.037018	0.792113	0.046733
ENSG0000I	ENSG0000I	79576	NKAP	NFKB activ	ENSG0000I	15.14132	0.065407	1.401276	0.046677
ENSG0000I	ENSG0000I	26574	AATF	apoptosis	ENSG0000I	28.54051	0.050228	1.082349	0.046406
ENSG0000I	ENSG0000I	10114	HIPK3	homeodon	ENSG0000I	910.5202	-0.02415	0.522072	-0.04627
ENSG0000I	ENSG0000I	23228	PLCL2	phospholi	ENSG0000I	102.9139	-0.03216	0.696785	-0.04615
ENSG0000I	ENSG0000I	80821	DDHD1	DDHD dom	ENSG0000I	40.13975	0.043497	0.942619	0.046145
ENSG0000I	ENSG0000I	1317	SLC31A1	solute carr	ENSG0000I	35.83103	-0.04526	0.983934	-0.046
ENSG0000I	ENSG0000I	7447	VSNL1	visinin like	ENSG0000I	6.113889	-0.09695	2.113819	-0.04586
ENSG0000I	ENSG0000I	134359	POC5	POC5 cent	ENSG0000I	6.113889	-0.09695	2.113819	-0.04586
ENSG0000I	ENSG0000I	105375166	LOC105375	uncharacte	ENSG0000I	6.113889	-0.09695	2.113819	-0.04586
ENSG0000I	ENSG0000I	401466	C8orf59	chromosor	ENSG0000I	6.113889	-0.09695	2.113819	-0.04586
ENSG0000I	ENSG0000I	100128782	LINC00476	long interg	ENSG0000I	6.113889	-0.09695	2.113819	-0.04586
ENSG0000I	ENSG0000I	78992	YIPF2	Yip1 doma	ENSG0000I	6.113889	-0.09695	2.113819	-0.04586
ENSG0000I	ENSG0000I	4016	LOXL1	lysyl oxida	ENSG0000I	9.419645	0.080612	1.758179	0.04585
ENSG0000I	ENSG0000I	27349	MCAT	malonyl-Cc	ENSG0000I	9.419645	0.080612	1.758179	0.04585
ENSG0000I	ENSG0000I	51228	GLTP	glycolipid t	ENSG0000I	23.99547	-0.05316	1.159598	-0.04584
ENSG0000I	ENSG0000I	84284	NTPCR	nucleoside	ENSG0000I	44.00616	0.041947	0.915348	0.045826
ENSG0000I	ENSG0000I	79036	KXD1	KxDL motif	ENSG0000I	20.00586	-0.05663	1.246468	-0.04543
ENSG0000I	ENSG00000240731				ENSG0000I	2.101653	-0.17419	3.839355	-0.04537
ENSG0000I	ENSG0000I	63924	CIDEC	cell death i	ENSG0000I	2.101653	-0.17419	3.839355	-0.04537
ENSG0000I	ENSG00000241939				ENSG0000I	2.101653	-0.17419	3.839355	-0.04537
ENSG0000I	ENSG0000I	100506994	PTPRG-AS1	PTPRG anti	ENSG0000I	2.101653	-0.17419	3.839355	-0.04537
ENSG0000I	ENSG0000I	2255	FGF10	fibroblast	ENSG0000I	2.101653	-0.17419	3.839355	-0.04537
ENSG0000I	ENSG00000271913				ENSG0000I	2.101653	-0.17419	3.839355	-0.04537
ENSG0000I	ENSG0000I	100188953	LINC00092	long interg	ENSG0000I	2.101653	-0.17419	3.839355	-0.04537
ENSG0000I	ENSG00000226647				ENSG0000I	2.101653	-0.17419	3.839355	-0.04537
ENSG0000I	ENSG0000I	6289	SAA2	serum amy	ENSG0000I	2.101653	-0.17419	3.839355	-0.04537
ENSG0000I	ENSG00000280143				ENSG0000I	2.101653	-0.17419	3.839355	-0.04537
ENSG0000I	ENSG0000I	144481	SOCS2-AS1	SOCS2 anti	ENSG0000I	2.101653	-0.17419	3.839355	-0.04537
ENSG0000I	ENSG00000267491				ENSG0000I	2.101653	-0.17419	3.839355	-0.04537
ENSG0000I	ENSG0000I	63910	SLC17A9	solute carr	ENSG0000I	2.101653	-0.17419	3.839355	-0.04537
ENSG0000I	ENSG00000225043				ENSG0000I	2.101653	-0.17419	3.839355	-0.04537
ENSG0000I	ENSG00000273295				ENSG0000I	2.101653	-0.17419	3.839355	-0.04537
ENSG0000I	ENSG0000I	9205	ZMYM5	zinc finger	ENSG0000I	22.77986	0.05414	1.193856	0.045349
ENSG0000I	ENSG0000I	148327	CREB3L4	cAMP resp	ENSG0000I	5.575855	0.099756	2.200108	0.045341
ENSG0000I	ENSG0000I	55422	ZNF331	zinc finger	ENSG0000I	27.9461	-0.04933	1.091188	-0.04521
ENSG0000I	ENSG0000I	58528	RRAGD	Ras relatec	ENSG0000I	148.1391	0.030031	0.668053	0.044953
ENSG0000I	ENSG0000I	55795	PCID2	PCI domair	ENSG0000I	43.67699	-0.04147	0.92262	-0.04495
ENSG0000I	ENSG0000I	56648	EIF5A2	eukaryotic	ENSG0000I	14.07676	-0.06507	1.454087	-0.04475
ENSG0000I	ENSG0000I	23184	MESD	mesoderm	ENSG0000I	38.26186	0.043995	0.984687	0.044679
ENSG0000I	ENSG0000I	10318	TNIP1	TNFAIP3 in	ENSG0000I	162.0993	-0.02896	0.649124	-0.04461

ENSG0000I	ENSG0000I	79735	TBC1D17	TBC1 dom	ENSG0000I	23.95649	-0.0515	1.155425	-0.04457
ENSG0000I	ENSG0000I	83707	TRPT1	tRNA phos	ENSG0000I	15.18029	0.062913	1.418982	0.044337
ENSG0000I	ENSG0000I	19	ABCA1	ATP bindin	ENSG0000I	174.3151	0.035442	0.800007	0.044302
ENSG0000I	ENSG0000I	26190	FBXW2	F-box and	ENSG0000I	106.7476	-0.03038	0.686604	-0.04425
ENSG0000I	ENSG0000I	8013	NR4A3	nuclear rec	ENSG0000I	13.26343	0.070719	1.598346	0.044245
ENSG0000I	ENSG0000I	1104	RCC1	regulator c	ENSG0000I	7.47009	0.086388	1.954247	0.044205
ENSG0000I	ENSG0000I	5869	RAB5B	RAB5B, me	ENSG0000I	199.2727	-0.02625	0.595076	-0.04412
ENSG0000I	ENSG0000I	6904	TBCD	tubulin fol	ENSG0000I	45.70449	-0.03995	0.905432	-0.04412
ENSG0000I	ENSG0000I	122809	SOCS4	suppressor	ENSG0000I	45.64917	-0.03962	0.899921	-0.04403
ENSG0000I	ENSG0000I	89970	RSPRY1	ring finger	ENSG0000I	36.29596	0.043056	0.978142	0.044018
ENSG0000I	ENSG0000I	5516	PPP2CB	protein ph	ENSG0000I	61.46806	-0.03576	0.81526	-0.04386
ENSG0000I	ENSG0000I	7345	UCHL1	ubiquitin C	ENSG0000I	4.135431	-0.1146	2.618536	-0.04377
ENSG0000I	ENSG0000I	3250	HPR	haptoglobi	ENSG0000I	53.52886	0.03883	0.887284	0.043763
ENSG0000I	ENSG0000I	5184	PEPD	peptidase I	ENSG0000I	15.12497	0.062089	1.421542	0.043677
ENSG0000I	ENSG0000I	8440	NCK2	NCK adapt	ENSG0000I	18.99139	0.055215	1.272462	0.043392
ENSG0000I	ENSG0000I	9260	PDLIM7	PDZ and LI	ENSG0000I	17.1135	0.058832	1.356637	0.043366
ENSG0000I	ENSG0000I	57619	SHROOM3	shroom far	ENSG0000I	24.80736	0.050414	1.165474	0.043256
ENSG0000I	ENSG0000I	708	C1QBP	compleme	ENSG0000I	45.66551	-0.03892	0.900418	-0.04323
ENSG0000I	ENSG0000I	27314	RAB30	RAB30, me	ENSG0000I	38.28449	0.041973	0.973335	0.043123
ENSG0000I	ENSG0000I	90809	PIP4P1	phosphatic	ENSG0000I	16.03259	-0.05907	1.370513	-0.0431
ENSG0000I	ENSG0000I	57507	ZNF608	zinc finger	ENSG0000I	22.8578	0.050618	1.1753	0.043068
ENSG0000I	ENSG0000I	6908	TBP	TATA-box k	ENSG0000I	9.403297	0.07467	1.737226	0.042983
ENSG0000I	ENSG0000I	1687	GSDME	gasdermin	ENSG0000I	9.403297	0.07467	1.737226	0.042983
ENSG0000I	ENSG0000I	84002	B3GNT5	UDP-GlcNA	ENSG0000I	5.614828	0.094319	2.199238	0.042887
ENSG0000I	ENSG0000I	280636	SELENOH	selenoprot	ENSG0000I	5.614828	0.094319	2.199238	0.042887
ENSG0000I	ENSG0000I	81543	LRR3	leucine ric	ENSG0000I	5.614828	0.094319	2.199238	0.042887
ENSG0000I	ENSG0000I	128486	FITM2	fat storage	ENSG0000I	275.6415	0.02505	0.584898	0.042827
ENSG0000I	ENSG0000I	23743	BHMT2	betaine--h	ENSG0000I	7.509062	0.081887	1.912943	0.042807
ENSG0000I	ENSG0000I	0256304			ENSG0000I	7.509062	0.081887	1.912943	0.042807
ENSG0000I	ENSG0000I	394	ARHGAP5	Rho GTPas	ENSG0000I	379.9277	0.022983	0.538159	0.042706
ENSG0000I	ENSG0000I	23560	GTPBP4	GTP bindin	ENSG0000I	43.67071	-0.03897	0.913657	-0.04265
ENSG0000I	ENSG0000I	5033	P4HA1	prolyl 4-hy	ENSG0000I	96.15372	0.031384	0.736091	0.042636
ENSG0000I	ENSG0000I	8682	PEA15	proliferatic	ENSG0000I	273.9715	-0.02401	0.563198	-0.04263
ENSG0000I	ENSG0000I	25930	PTPN23	protein tyr	ENSG0000I	35.76943	-0.04183	0.984598	-0.04248
ENSG0000I	ENSG0000I	23514	SPIDR	scaffold pr	ENSG0000I	47.86251	0.037636	0.887224	0.04242
ENSG0000I	ENSG0000I	256643	BCLAF3	BCLAF1 an	ENSG0000I	26.6689	0.047192	1.115784	0.042295
ENSG0000I	ENSG0000I	4335	MNT	MAX netw	ENSG0000I	10.04818	-0.07329	1.744121	-0.04202
ENSG0000I	ENSG0000I	26227	PHGDH	phosphogh	ENSG0000I	4.096459	-0.10665	2.539119	-0.042
ENSG0000I	ENSG0000I	0279253			ENSG0000I	4.096459	-0.10665	2.539119	-0.042
ENSG0000I	ENSG0000I	51300	TIMMDC1	translocas	ENSG0000I	98.10955	0.030514	0.728457	0.041889
ENSG0000I	ENSG0000I	80301	PLEKHO2	pleckstrin	ENSG0000I	25.87335	-0.04718	1.127805	-0.04183
ENSG0000I	ENSG0000I	4916	NTRK3	neurotropl	ENSG0000I	20.8303	0.05557	1.328875	0.041817
ENSG0000I	ENSG0000I	79183	TTPAL	alpha toco	ENSG0000I	20.8303	0.05557	1.328875	0.041817
ENSG0000I	ENSG0000I	400	ARL1	ADP ribosy	ENSG0000I	74.93369	0.031833	0.761387	0.041809
ENSG0000I	ENSG0000I	5789	PTPRD	protein tyr	ENSG0000I	32.4132	0.043984	1.054408	0.041714
ENSG0000I	ENSG0000I	57396	CLK4	CDC like ki	ENSG0000I	37.69257	-0.04193	1.005767	-0.04169
ENSG0000I	ENSG0000I	79006	METRN	meteorin, }	ENSG0000I	6.074916	-0.09116	2.186903	-0.04169

ENSG0000012805	GOT1	glutamic-o	ENSG000001391.6288	0.022855	0.550264	0.041535
ENSG00000180222	TARS2	threonyl-tf	ENSG00000127.88451	-0.04494	1.090049	-0.04123
ENSG000001172	AFG3L1P	AFG3 like r	ENSG00000115.99362	-0.05678	1.377155	-0.04123
ENSG00000165992	DDR GK1	DDR GK dor	ENSG00000115.99362	-0.05678	1.377155	-0.04123
ENSG0000019121	SLC16A5	solute carr	ENSG0000019.44227	0.071155	1.728431	0.041167
ENSG0000015359	PLSCR1	phospholip	ENSG00000172.87349	0.032732	0.799302	0.040951
ENSG00000155004	LAMTOR1	late endos	ENSG00000144.09039	0.037287	0.911574	0.040904
ENSG00000123670	CEMIP2	cell migrati	ENSG00000159.2015	0.039654	0.971752	0.040807
ENSG00000184336	TMEM101	transmeml	ENSG00000110.06453	-0.06867	1.683514	-0.04079
ENSG00000185449	KIAA1755	KIAA1755	ENSG00000110.06453	-0.06867	1.683514	-0.04079
ENSG00000151077	FCF1	FCF1, rRNA	ENSG00000125.8897	-0.0456	1.119749	-0.04072
ENSG0000017786	MAP3K12	mitogen-a	ENSG00000120.90825	0.05062	1.24374	0.0407
ENSG0000014734	NEDD4	neural prec	ENSG00000145.91295	0.037563	0.923274	0.040685
ENSG000001375748	ERCC6L2	ERCC excis	ENSG00000147.5434	-0.03596	0.888839	-0.04046
ENSG00000122872	SEC31A	SEC31 hom	ENSG000001165.7479	0.025264	0.625039	0.04042
ENSG000001100506392	SLC16A1-A	SLC16A1 al	ENSG00000112.05933	-0.06301	1.560084	-0.04039
ENSG00000153826	FXYD6	FXYD doma	ENSG00000112.05933	-0.06301	1.560084	-0.04039
ENSG00000123167	EFR3A	EFR3 homc	ENSG000001105.8776	0.027805	0.69147	0.040212
ENSG00000110349	ABCA10	ATP bindin	ENSG00000141.60424	-0.03912	0.978151	-0.04
ENSG0000016717	SRI	sorcini	ENSG00000122.88043	0.046886	1.176087	0.039866
ENSG00000123048	FNBP1	formin bin	ENSG00000149.85731	0.034664	0.87139	0.03978
ENSG0000015981	RFC1	replication	ENSG00000157.57379	0.032978	0.829196	0.039771
ENSG0000019167	COX7A2L	cytochrom	ENSG00000147.61507	-0.03572	0.902001	-0.0396
ENSG00000157003	CCDC47	coiled-coil	ENSG00000184.62863	0.028996	0.732239	0.039599
ENSG0000012042	EPHA3	EPH recept	ENSG00000121.88374	-0.04904	1.240334	-0.03954
ENSG0000019939	RBM8A	RNA bindir	ENSG00000134.46332	0.039075	0.99684	0.039199
ENSG00000190362	FAM110B	family with	ENSG00000118.00477	-0.05188	1.323808	-0.03919
ENSG00000110380	BPNT1	3'(2'), 5'-bi	ENSG00000115.1476	0.056692	1.451976	0.039044
ENSG00000179673	ZNF329	zinc finger	ENSG00000114.01516	-0.05646	1.454141	-0.03882
ENSG00000155624	POMGNT1	protein O-l	ENSG000001111.7325	0.027079	0.697853	0.038804
ENSG00000155035	NOL8	nucleolar p	ENSG00000131.7572	-0.03996	1.032535	-0.0387
ENSG00000157597	BAHCC1	BAH doma	ENSG00000115.95465	-0.05428	1.403034	-0.03869
ENSG000001143279	HECTD2	HECT doma	ENSG00000112.02036	-0.06011	1.555867	-0.03863
ENSG000001124446	TMEM219	transmeml	ENSG00000127.80656	-0.04199	1.090681	-0.0385
ENSG0000015217	PFN2	profilin 2	ENSG00000122.9194	0.04518	1.17505	0.03845
ENSG00000192482	BBIP1	BBSome in	ENSG00000120.98619	0.04679	1.217736	0.038424
ENSG00000155048	VPS37C	VPS37C, ES	ENSG00000115.24189	0.054661	1.42395	0.038387
ENSG00000123016	EXOSC7	exosome c	ENSG00000117.11978	0.050993	1.332797	0.03826
ENSG000001253143	PRR14L	proline ricl	ENSG00000182.71804	0.028211	0.737864	0.038234
ENSG000001922	CD5L	CD5 molec	ENSG0000013.720594	0.115797	3.029302	0.038226
ENSG000001148811	PM20D1	peptidase l	ENSG0000013.720594	0.115797	3.029302	0.038226
ENSG0000016913	TBX15	T-box 15	ENSG0000013.704246	0.10241	2.688454	0.038092
ENSG0000014485	MST1	macrophag	ENSG0000013.704246	0.10241	2.688454	0.038092
ENSG0000013139	HLA-L	major histc	ENSG0000013.704246	0.10241	2.688454	0.038092
ENSG0000010235370			ENSG0000013.704246	0.10241	2.688454	0.038092
ENSG0000018500	PPFIA1	PTPRF inte	ENSG00000175.00156	0.028846	0.760019	0.037954
ENSG000001115207	KCTD12	potassium	ENSG000001216.0062	0.022442	0.591426	0.037945

ENSG0000022908	SACM1L	SAC1 like p	ENSG0000039.6195	-0.03602	0.949858	-0.03792
ENSG000009380	GRHPR	glyoxylate	ENSG0000045.52597	-0.03419	0.90233	-0.0379
ENSG0000010576	CCT2	chaperonin	ENSG0000063.26173	-0.03035	0.802822	-0.03781
ENSG000002308	FOXO1	forkhead b	ENSG0000078.98633	-0.02828	0.748586	-0.03778
ENSG000005164	PDK2	pyruvate d	ENSG0000075.09102	-0.02879	0.762728	-0.03774
ENSG00000124491	TMEM170	transmembr	ENSG0000021.91644	-0.04539	1.203434	-0.03772
ENSG00000390916	NUDT19	nudix hydr	ENSG0000021.91644	-0.04539	1.203434	-0.03772
ENSG0000091746	YTHDC1	YTH domai	ENSG0000073.01303	0.029405	0.779673	0.037715
ENSG00000205327	C2orf69	chromosom	ENSG0000015.971	-0.0515	1.372073	-0.03754
ENSG000009184	BUB3	BUB3, mitc	ENSG0000032.51377	0.038629	1.03258	0.03741
ENSG0000010732	TCFL5	transcripti	ENSG000008.030748	-0.07248	1.938766	-0.03739
ENSG00000344595	DUBR	DPPA2 ups	ENSG0000013.97619	-0.05391	1.459174	-0.03694
ENSG0000023404	EXOSC2	exosome c	ENSG0000011.35913	0.059159	1.605449	0.036849
ENSG0000025983	NGDN	neuroguidi	ENSG0000017.15875	0.048837	1.327084	0.0368
ENSG0000081577	GFOD2	glucose-fru	ENSG0000017.15875	0.048837	1.327084	0.0368
ENSG0000092667	MGME1	mitochond	ENSG0000017.15875	0.048837	1.327084	0.0368
ENSG0000055869	HDAC8	histone de	ENSG0000019.09196	0.046717	1.270635	0.036767
ENSG00000260711			ENSG000004.057486	-0.09806	2.679337	-0.0366
ENSG0000055294	FBXW7	F-box and	ENSG0000096.64415	-0.02583	0.706167	-0.03657
ENSG0000010513	APPBP2	amyloid be	ENSG0000039.58053	-0.03486	0.957651	-0.03641
ENSG00000153684	LOC153684	uncharacte	ENSG000006.052291	-0.07739	2.128199	-0.03636
ENSG00000374666	WASH3P	WAS prote	ENSG000006.052291	-0.07739	2.128199	-0.03636
ENSG00000114821	ZBED9	zinc finger	ENSG000005.653801	0.086397	2.379187	0.036314
ENSG00000221927	BRAT1	BRCA1 ass	ENSG000007.531688	0.069831	1.932782	0.03613
ENSG00000162962	ZNF836	zinc finger	ENSG000007.531688	0.069831	1.932782	0.03613
ENSG0000081608	FIP1L1	factor inte	ENSG0000011.98139	-0.05706	1.581403	-0.03608
ENSG0000025942	SIN3A	SIN3 trans	ENSG0000069.13027	0.029513	0.819579	0.03601
ENSG00000221710	SMIM13	small integ	ENSG0000024.90793	0.043246	1.201518	0.035993
ENSG00000123811	FOPNL	FGFR1OP N	ENSG0000029.83406	-0.03924	1.093581	-0.03588
ENSG00000261168			ENSG000003.743219	0.094552	2.643524	0.035767
ENSG0000079072	FASTKD3	FAST kinas	ENSG000003.743219	0.094552	2.643524	0.035767
ENSG0000011182	SLC2A6	solute carr	ENSG000003.743219	0.094552	2.643524	0.035767
ENSG0000090060	CCDC120	coiled-coil	ENSG000003.743219	0.094552	2.643524	0.035767
ENSG0000079137	RETREG2	reticuloph	ENSG0000047.45918	-0.03173	0.887304	-0.03576
ENSG000005829	PXN	paxillin	ENSG0000078.85791	0.027236	0.762066	0.035739
ENSG0000055332	DRAM1	DNA dama	ENSG0000019.03664	0.046421	1.30285	0.03563
ENSG00000541565	C8orf58	chromosom	ENSG000005.637453	0.077749	2.182814	0.035619
ENSG0000064841	GNPNAT1	glucosamir	ENSG000005.637453	0.077749	2.182814	0.035619
ENSG0000010606	PAICS	phosphorik	ENSG0000034.52492	0.035452	0.9966	0.035573
ENSG000003265	HRAS	HRas protc	ENSG0000011.3981	0.05608	1.58656	0.035347
ENSG0000027152	INTU	inturned pl	ENSG0000012.03671	-0.05608	1.587069	-0.03533
ENSG0000022907	DHX30	DExH-box	ENSG0000059.64655	0.028967	0.819957	0.035327
ENSG0000055276	PGM2	phosphogl	ENSG0000022.94203	0.041463	1.173915	0.035321
ENSG0000058487	CREBZF	CREB/ATF	ENSG0000034.4696	0.035659	1.013179	0.035195
ENSG00000255027	MPV17L	MPV17 mit	ENSG0000013.33131	0.052105	1.482759	0.035141
ENSG000006880	TAF9	TATA-box	ENSG0000021.00882	0.042712	1.220581	0.034993
ENSG000003476	IGBP1	immunoglc	ENSG0000025.78913	-0.03931	1.123665	-0.03498

ENSG0000I	ENSG0000I	158293	FAM120AC	family with	ENSG0000I	31.6956	-0.03609	1.034384	-0.03489
ENSG0000I	ENSG0000I	22980	TCF25	transcripti	ENSG0000I	45.46437	-0.03147	0.903817	-0.03482
ENSG0000I	ENSG0000I	1431	CS	citrate syn	ENSG0000I	485.1631	0.018447	0.529957	0.034809
ENSG0000I	ENSG0000I	8895	CPNE3	copine 3	ENSG0000I	160.1519	0.021654	0.622896	0.034763
ENSG0000I	ENSG0000I	7979	SEM1	SEM1, 26S	ENSG0000I	36.44178	0.033941	0.978217	0.034697
ENSG0000I	ENSG0000I	53371	NUP54	nucleopor	ENSG0000I	19.07561	0.044204	1.277279	0.034608
ENSG0000I	ENSG0000I	23644	EDC4	enhancer c	ENSG0000I	24.81991	0.040492	1.170879	0.034583
ENSG0000I	ENSG0000I	11062	DUS4L	dihydrouri	ENSG0000I	7.57066	0.065518	1.907849	0.034341
ENSG0000I	ENSG0000I	11163	NUDT4	nudix hydr	ENSG0000I	410.9704	-0.01858	0.541497	-0.03432
ENSG0000I	ENSG0000I	5546	PRCC	proline ric	ENSG0000I	32.64703	0.035729	1.042123	0.034285
ENSG0000I	ENSG0000I	94081	SFXN1	sideroflexi	ENSG0000I	34.50857	0.034337	1.001837	0.034274
ENSG0000I	ENSG0000I	10012955C	LINC02035	long interg	ENSG0000I	17.1424	0.046046	1.347892	0.034161
ENSG0000I	ENSG0000I	10210	TOPORS	TOP1 bindi	ENSG0000I	26.79209	0.037849	1.108075	0.034158
ENSG0000I	ENSG0000I	220929	ZNF438	zinc finger	ENSG0000I	26.79209	0.037849	1.108075	0.034158
ENSG0000I	ENSG0000I	54987	C1orf123	chromosor	ENSG0000I	17.94318	-0.04506	1.32017	-0.03413
ENSG0000I	ENSG0000I	80218	NAA50	N(alpha)-a	ENSG0000I	80.92961	-0.02568	0.754547	-0.03403
ENSG0000I	ENSG0000I	401145	CCSER1	coiled-coil	ENSG0000I	29.75612	-0.03616	1.063023	-0.03402
ENSG0000I	ENSG0000I	83892	KCTD10	potassium	ENSG0000I	49.35969	-0.03053	0.898481	-0.03398
ENSG0000I	ENSG0000I	199692	ZNF627	zinc finger	ENSG0000I	10.00293	-0.05669	1.687811	-0.03359
ENSG0000I	ENSG0000I	4327	MMP19	matrix met	ENSG0000I	8.008123	-0.06236	1.882976	-0.03312
ENSG0000I	ENSG0000I	1728	NQO1	NAD(P)H q	ENSG0000I	11.43707	0.053011	1.601537	0.0331
ENSG0000I	ENSG0000I	79664	ICE2	interactor	ENSG0000I	45.44175	-0.02977	0.900952	-0.03304
ENSG0000I	ENSG0000I	8815	BANF1	barrier to a	ENSG0000I	17.18138	0.043771	1.328431	0.032949
ENSG0000I	ENSG0000I	7574	ZNF26	zinc finger	ENSG0000I	17.18138	0.043771	1.328431	0.032949
ENSG0000I	ENSG0000I	54762	GRAMD1C	GRAM don	ENSG0000I	4.073833	-0.08505	2.5911	-0.03282
ENSG0000I	ENSG0000I	53358	SHC3	SHC adapt	ENSG0000I	4.073833	-0.08505	2.5911	-0.03282
ENSG0000I	ENSG0000I	219854	TMEM218	transmeml	ENSG0000I	4.073833	-0.08505	2.5911	-0.03282
ENSG0000I	ENSG0000I	79157	MFSD11	major facili	ENSG0000I	23.81067	-0.03782	1.158391	-0.03265
ENSG0000I	ENSG0000I	11021	RAB35	RAB35, me	ENSG0000I	24.89786	0.036998	1.136751	0.032547
ENSG0000I	ENSG0000I	57190	SELENON	selenoprot	ENSG0000I	57.23206	-0.02684	0.830019	-0.03234
ENSG0000I	ENSG0000I	84447	SYVN1	synoviolin	ENSG0000I	25.76651	-0.03613	1.120972	-0.03223
ENSG0000I	ENSG0000I	155066	ATP6V0E2	ATPase H+	ENSG0000I	40.36979	0.030142	0.938863	0.032105
ENSG0000I	ENSG0000I	51	ACOX1	acyl-CoA o	ENSG0000I	197.0802	0.019129	0.596242	0.032083
ENSG0000I	ENSG0000I	0230069			ENSG0000I	13.31496	0.048268	1.505632	0.032058
ENSG0000I	ENSG0000I	91869	RFT1	RFT1 homc	ENSG0000I	11.95876	-0.05005	1.561578	-0.03205
ENSG0000I	ENSG0000I	5316	PKNOX1	PBX/knotte	ENSG0000I	11.95876	-0.05005	1.561578	-0.03205
ENSG0000I	ENSG0000I	4851	NOTCH1	notch 1	ENSG0000I	35.58464	-0.03148	0.988223	-0.03186
ENSG0000I	ENSG0000I	79657	RPAP3	RNA polym	ENSG0000I	27.72234	-0.03465	1.088847	-0.03183
ENSG0000I	ENSG0000I	1387	CREBBP	CREB bindi	ENSG0000I	163.2141	-0.02017	0.636589	-0.03169
ENSG0000I	ENSG0000I	2029	ENSA	endosulfini	ENSG0000I	166.1526	0.019378	0.617457	0.031383
ENSG0000I	ENSG0000I	118424	UBE2J2	ubiquitin c	ENSG0000I	17.22035	0.041628	1.326682	0.031378
ENSG0000I	ENSG0000I	23613	ZMYND8	zinc finger	ENSG0000I	73.00571	-0.02452	0.782149	-0.03135
ENSG0000I	ENSG0000I	51340	CRNKL1	crooked ne	ENSG0000I	43.46329	-0.02866	0.915186	-0.03131
ENSG0000I	ENSG0000I	11236	RNF139	ring finger	ENSG0000I	24.93683	0.0354	1.134518	0.031202
ENSG0000I	ENSG0000I	147686	ZNF418	zinc finger	ENSG0000I	17.86523	-0.04081	1.309792	-0.03116
ENSG0000I	ENSG0000I	9620	CELSR1	cadherin E	ENSG0000I	23.7717	-0.03616	1.161024	-0.03115
ENSG0000I	ENSG0000I	7799	PRDM2	PR/SET dor	ENSG0000I	108.2333	-0.02137	0.687878	-0.03107

ENSG000001286	ANK1	ankyrin 1	ENSG0000015735905	-0.02773	0.892986	-0.03106
ENSG000001151254	C2CD6	C2 calcium	ENSG0000019963956	-0.05315	1.716593	-0.03096
ENSG00000183982	IFI27L2	interferon	ENSG0000019963956	-0.05315	1.716593	-0.03096
ENSG000001167153	TENT2	terminal n	ENSG0000015779756	0.025576	0.826597	0.030941
ENSG00000110933	MORF4L1	mortality f	ENSG0000012064223	-0.01826	0.591988	-0.03084
ENSG00000155773	TBC1D23	TBC1 dom	ENSG0000014420351	0.028323	0.921585	0.030733
ENSG000001440138	ALG11	ALG11, alp	ENSG0000011335393	0.045474	1.481201	0.030701
ENSG0000017936	NELFE	negative el	ENSG0000012572753	-0.03456	1.126511	-0.03068
ENSG0000016856	SYPL1	synaptoph	ENSG0000018280122	-0.023	0.750062	-0.03067
ENSG00000157678	GPAM	glycerol-3-	ENSG0000015009743	0.026771	0.876917	0.030529
ENSG00000190102	PHLDB2	pleckstrin l	ENSG0000012359521	-0.01806	0.591762	-0.03053
ENSG0000015298	PI4KB	phosphatic	ENSG0000016307694	-0.02443	0.803604	-0.0304
ENSG00000179634	SCRN3	secernin 3	ENSG0000013077542	0.032287	1.065004	0.030317
ENSG0000019179	AP4M1	adaptor rel	ENSG0000014034861	-0.07753	2.560481	-0.03028
ENSG0000017988	ZNF212	zinc finger	ENSG0000014034861	-0.07753	2.560481	-0.03028
ENSG0000016674	SPAG1	sperm assc	ENSG0000014034861	-0.07753	2.560481	-0.03028
ENSG000001256281	NUDT14	nudix hydr	ENSG0000014034861	-0.07753	2.560481	-0.03028
ENSG000001653479	MRPL45P2	mitochond	ENSG0000014034861	-0.07753	2.560481	-0.03028
ENSG000001115106	HAUS1	HAUS augr	ENSG0000014034861	-0.07753	2.560481	-0.03028
ENSG0000016611	SMS	spermine s	ENSG0000013956797	-0.02926	0.966881	-0.03026
ENSG00000123408	SIRT5	sirtuin 5	ENSG0000016560206	0.025156	0.836525	0.030071
ENSG00000154881	TEX10	testis expr	ENSG0000013165035	-0.03099	1.033414	-0.02998
ENSG000001221184	CPNE2	copine 2	ENSG0000011987638	-0.03806	1.270959	-0.02995
ENSG000001116224	FAM122A	family with	ENSG0000012690901	0.033237	1.112672	0.029872
ENSG00000179016	DDA1	DET1 and l	ENSG0000012183222	-0.03604	1.212595	-0.02972
ENSG000001150465	TTL	tubulin tyr	ENSG0000011101299	0.02069	0.700592	0.029533
ENSG000001127687	C1orf122	chromosor	ENSG0000018024471	-0.05572	1.891812	-0.02945
ENSG00000129070	CCDC113	coiled-coil	ENSG0000018024471	-0.05572	1.891812	-0.02945
ENSG00000110090	UST	uronyl 2-s	ENSG0000011191979	-0.04688	1.594624	-0.0294
ENSG000001100505876	CEBPZOS	CEBPZ opp	ENSG0000013757317	-0.02875	0.979073	-0.02936
ENSG000001201895	SMIM14	small integ	ENSG00000139529	-0.02805	0.956107	-0.02934
ENSG000001581	BAX	BCL2 assoc	ENSG0000017554313	0.058779	2.004426	0.029325
ENSG0000014817	NIT1	nitrilase 1	ENSG0000012574388	-0.03293	1.123565	-0.02931
ENSG0000016838	SURF6	surfeit 6	ENSG0000012689266	0.03169	1.099746	0.028815
ENSG00000126130	GAPVD1	GTPase act	ENSG0000011199394	-0.01921	0.667233	-0.02879
ENSG0000011353	COX11	cytochrom	ENSG0000013161138	-0.02966	1.03305	-0.02871
ENSG000001122773	KLHDC1	kelch dom	ENSG000001114597	0.045288	1.584149	0.028588
ENSG0000018079	MLF2	myeloid le	ENSG0000017094931	-0.02228	0.78398	-0.02842
ENSG00000155006	TRMT61B	tRNA meth	ENSG0000019526493	0.048608	1.720129	0.028258
ENSG000001219348	PLAC9	placenta s	ENSG0000019526493	0.048608	1.720129	0.028258
ENSG000001169981	SPIN3	spindlin fa	ENSG0000019526493	0.048608	1.720129	0.028258
ENSG000001100131017	ZNF316	zinc finger	ENSG0000011527079	0.040221	1.42682	0.028189
ENSG00000126065	LSM14A	LSM14A, nr	ENSG0000011003821	0.019834	0.7057	0.028106
ENSG000001100508120	GMDS-DT	GMDS dive	ENSG0000011588677	-0.03855	1.37746	-0.02798
ENSG00000151343	FZR1	fizzy and c	ENSG0000011588677	-0.03855	1.37746	-0.02798
ENSG0000019675	TTI1	TELO2 inte	ENSG0000012570491	-0.03137	1.122259	-0.02795
ENSG0000014005	LMO2	LIM domai	ENSG0000017593286	0.053521	1.915686	0.027939

ENSG0000I	ENSG0000I	25840	METTL7A	methyltran	ENSG0000I	88.49896	-0.02249	0.806341	-0.0279
ENSG0000I	ENSG0000I	6228	RPS23	ribosomal	ENSG0000I	64.97117	-0.02218	0.796659	-0.02784
ENSG0000I	ENSG0000I	168850	ZNF800	zinc finger	ENSG0000I	32.71491	0.028325	1.017959	0.027825
ENSG0000I	ENSG0000I	83448	PUS7L	pseudouric	ENSG0000I	28.86484	0.029935	1.076368	0.027811
ENSG0000I	ENSG0000I	55596	ZCCHC8	zinc finger	ENSG0000I	21.73792	-0.03422	1.234262	-0.02772
ENSG0000I	ENSG0000I	63897	HEATR6	HEAT repe	ENSG0000I	17.84261	-0.03609	1.307753	-0.02759
ENSG0000I	ENSG0000I	55178	MRM3	mitochond	ENSG0000I	7.985498	-0.0515	1.867627	-0.02758
ENSG0000I	ENSG0000I	6722	SRF	serum resç	ENSG0000I	71.42051	0.021227	0.771268	0.027522
ENSG0000I	ENSG0000I	8861	LDB1	LIM domai	ENSG0000I	59.83134	0.02262	0.821993	0.027518
ENSG0000I	ENSG0000I	8394	PIP5K1A	phosphatic	ENSG0000I	61.07585	-0.0223	0.814521	-0.02738
ENSG0000I	ENSG0000I	23759	PPIL2	peptidylpr	ENSG0000I	30.7817	0.028415	1.042004	0.02727
ENSG0000I	ENSG0000I	2962	GTF2F1	general tra	ENSG0000I	37.49522	-0.02635	0.966827	-0.02726
ENSG0000I	ENSG0000I	1977	EIF4E	eukaryotic	ENSG0000I	31.57241	-0.02831	1.039101	-0.02724
ENSG0000I	ENSG0000I	9709	HERPUD1	homocyste	ENSG0000I	88.52917	-0.01969	0.723811	-0.0272
ENSG0000I	ENSG0000I	55239	OGFOD1	2-oxogluta	ENSG0000I	34.63177	0.027113	0.997625	0.027177
ENSG0000I	ENSG0000I	5264	PHYH	phytanoyl-	ENSG0000I	83.08135	0.02013	0.742215	0.027122
ENSG0000I	ENSG0000I	55213	RCBTB1	RCC1 and E	ENSG0000I	38.53716	0.02593	0.95735	0.027085
ENSG0000I	ENSG0000I	84811	BUD13	BUD13 hor	ENSG0000I	9.924983	-0.04863	1.799871	-0.02702
ENSG0000I	ENSG0000I	23324	MAN2B2	mannosida	ENSG0000I	43.36272	-0.02476	0.916666	-0.02701
ENSG0000I	ENSG0000I	80199	FUZ	fuzzy plana	ENSG0000I	5.990693	-0.05753	2.147412	-0.02679
ENSG0000I	ENSG0000I	254251	LCORL	ligand dep	ENSG0000I	23.7101	-0.03101	1.16407	-0.02664
ENSG0000I	ENSG0000I	25956	SEC31B	SEC31 hor	ENSG0000I	19.21515	0.033736	1.273365	0.026494
ENSG0000I	ENSG0000I	84934	RITA1	RBPJ inter	ENSG0000I	9.941331	-0.04461	1.694154	-0.02633
ENSG0000I	ENSG0000I	9470	EIF4E2	eukaryotic	ENSG0000I	39.39573	-0.02544	0.966799	-0.02631
ENSG0000I	ENSG00000268575				ENSG0000I	3.765844	0.069391	2.641006	0.026274
ENSG0000I	ENSG0000I	164091	PAQR7	progestin	ENSG0000I	3.765844	0.069391	2.641006	0.026274
ENSG0000I	ENSG0000I	339559	ZFP69	ZFP69 zinc	ENSG0000I	3.765844	0.069391	2.641006	0.026274
ENSG0000I	ENSG0000I	166815	TIGD2	tigger tran	ENSG0000I	3.765844	0.069391	2.641006	0.026274
ENSG0000I	ENSG0000I	435	ASL	argininosu	ENSG0000I	3.765844	0.069391	2.641006	0.026274
ENSG0000I	ENSG0000I	5687	PSMA6	proteasom	ENSG0000I	3.765844	0.069391	2.641006	0.026274
ENSG0000I	ENSG0000I	54039	PCBP3	poly(rC) bi	ENSG0000I	3.765844	0.069391	2.641006	0.026274
ENSG0000I	ENSG0000I	29967	LRP12	LDL recept	ENSG0000I	34.67074	0.02587	0.994774	0.026006
ENSG0000I	ENSG0000I	1780	DYNC111	dynein cyt	ENSG0000I	49.35721	-0.02394	0.920623	-0.026
ENSG0000I	ENSG0000I	2824	GPM6B	glycoprote	ENSG0000I	17.28195	0.034448	1.327145	0.025956
ENSG0000I	ENSG0000I	55907	CMAS	cytidine m	ENSG0000I	19.15983	0.033346	1.286485	0.02592
ENSG0000I	ENSG0000I	153364	MBLAC2	metallo-be	ENSG0000I	7.632258	0.049307	1.906	0.025869
ENSG0000I	ENSG0000I	863	CBFA2T3	CBFA2/RUI	ENSG0000I	7.632258	0.049307	1.906	0.025869
ENSG0000I	ENSG0000I	55248	TMEM206	transmeml	ENSG0000I	5.699051	0.056086	2.170873	0.025836
ENSG0000I	ENSG00000272645				ENSG0000I	5.699051	0.056086	2.170873	0.025836
ENSG0000I	ENSG0000I	285154	CYP1B1-AS	CYP1B1 an	ENSG0000I	5.699051	0.056086	2.170873	0.025836
ENSG0000I	ENSG0000I	80775	TMEM177	transmeml	ENSG0000I	5.699051	0.056086	2.170873	0.025836
ENSG0000I	ENSG0000I	122525	C14orf28	chromosor	ENSG0000I	5.699051	0.056086	2.170873	0.025836
ENSG0000I	ENSG0000I	64582	GPR135	G protein-c	ENSG0000I	5.699051	0.056086	2.170873	0.025836
ENSG0000I	ENSG0000I	128439	SNHG11	small nucle	ENSG0000I	5.699051	0.056086	2.170873	0.025836
ENSG0000I	ENSG0000I	23450	SF3B3	splicing fac	ENSG0000I	137.2061	0.017196	0.666121	0.025815
ENSG0000I	ENSG0000I	84450	ZNF512	zinc finger	ENSG0000I	21.13201	0.030952	1.215081	0.025473
ENSG0000I	ENSG0000I	92	ACVR2A	activin A re	ENSG0000I	21.13201	0.030952	1.215081	0.025473

ENSG0000019777	ENSG0000019777	TM9SF4	transmembrane	ENSG0000019777	57.08624	-0.02115	0.83069	-0.02547
ENSG00000164395	ENSG00000164395	GMCL1	germ cell-like	ENSG00000164395	11.89716	-0.03991	1.568929	-0.02544
ENSG0000017001	ENSG0000017001	PRDX2	peroxidase	ENSG0000017001	147.3349	-0.01623	0.638447	-0.02542
ENSG0000014176	ENSG0000014176	MCM7	minichromosome	ENSG0000014176	23.0099	0.03074	1.210406	0.025397
ENSG000001101930085	ENSG000001101930085	LOC101930085	uncharacterized	ENSG000001101930085	13.94729	-0.03915	1.547596	-0.0253
ENSG000001162073	ENSG000001162073	ITPR1L2	ITPRIP like	ENSG000001162073	47.30708	-0.02257	0.894064	-0.02525
ENSG00000126060	ENSG00000126060	APPL1	adaptor protein	ENSG00000126060	116.0162	0.016961	0.672589	0.025218
ENSG0000019972	ENSG0000019972	NUP153	nucleoporin	ENSG0000019972	84.55591	-0.0185	0.734431	-0.02519
ENSG00000156257	ENSG00000156257	MEPCE	methylphosphorylase	ENSG00000156257	24.98208	0.028674	1.140438	0.025143
ENSG00000151100	ENSG00000151100	SH3GLB1	SH3 domain protein	ENSG00000151100	227.6548	-0.0145	0.582118	-0.02491
ENSG0000013621	ENSG0000013621	ING1	inhibitor of growth	ENSG0000013621	7.946525	-0.04724	1.900742	-0.02485
ENSG00000181839	ENSG00000181839	VANGL1	VANGL planar cell polarity	ENSG00000181839	23.10419	0.028959	1.177723	0.024589
ENSG000001222068	ENSG000001222068	TMED4	transmembrane protein	ENSG000001222068	52.12114	0.02074	0.856451	0.024216
ENSG0000011917	ENSG0000011917	EEF1A2	eukaryotic translation	ENSG0000011917	441.292	-0.01302	0.538109	-0.0242
ENSG00000123179	ENSG00000123179	RGL1	regulator of G-protein	ENSG00000123179	58.95406	-0.02102	0.870303	-0.02415
ENSG0000019878	ENSG0000019878	TOX4	TOX high resolution	ENSG0000019878	88.98782	0.017309	0.72661	0.023821
ENSG0000016442	ENSG0000016442	SGCA	sarcoglycan	ENSG0000016442	37.48895	-0.02338	0.986823	-0.02369
ENSG0000017428	ENSG0000017428	VHL	von Hippel Lindau	ENSG0000017428	25.64331	-0.0266	1.124006	-0.02366
ENSG0000012879	ENSG0000012879	GPX4	glutathione peroxidase	ENSG0000012879	81.21602	0.017332	0.741414	0.023377
ENSG00000150937	ENSG00000150937	CDON	cell adhesion molecule	ENSG00000150937	25.69863	-0.02666	1.145186	-0.02328
ENSG0000010243175	ENSG0000010243175			ENSG0000010243175	3.804817	0.061684	2.650072	0.023277
ENSG00000153841	ENSG00000153841	CDHR5	cadherin related	ENSG00000153841	3.804817	0.061684	2.650072	0.023277
ENSG000001126299	ENSG000001126299	ZNF428	zinc finger protein	ENSG000001126299	3.804817	0.061684	2.650072	0.023277
ENSG0000019819	ENSG0000019819	TSC2D2	TSC2 domain	ENSG0000019819	50.2596	0.020706	0.889992	0.023266
ENSG000001259282	ENSG000001259282	BOD1L1	biorientation	ENSG000001259282	162.5904	0.014466	0.625494	0.023127
ENSG000001166968	ENSG000001166968	MIER3	MIER family	ENSG000001166968	26.93791	0.025528	1.109792	0.023002
ENSG00000110565	ENSG00000110565	ARFGEF1	ADP ribosylated	ENSG00000110565	123.6764	-0.01519	0.661209	-0.02297
ENSG0000013030	ENSG0000013030	HADHA	hydroxyacyl-CoA	ENSG0000013030	633.0077	-0.01167	0.511362	-0.02283
ENSG00000125844	ENSG00000125844	YIPF3	Yip1 domain	ENSG00000125844	39.4058	-0.02176	0.953616	-0.02282
ENSG000001344838	ENSG000001344838	PAQR9	progesterone	ENSG000001344838	5.738024	0.050326	2.220596	0.022663
ENSG00000126953	ENSG00000126953	RANBP6	RAN binding	ENSG00000126953	48.31004	0.020008	0.883929	0.022635
ENSG000001339123	ENSG000001339123	JMJD8	jumonji domain	ENSG000001339123	9.549118	0.039329	1.738156	0.022627
ENSG0000016878	ENSG0000016878	TAF6	TATA-box binding	ENSG0000016878	13.86934	-0.03292	1.463793	-0.02249
ENSG000001284439	ENSG000001284439	SLC25A42	solute carrier	ENSG000001284439	13.86934	-0.03292	1.463793	-0.02249
ENSG0000011117	ENSG0000011117	CHI3L2	chitinase 3	ENSG0000011117	3.995888	-0.06595	2.934873	-0.02247
ENSG00000179939	ENSG00000179939	SLC35E1	solute carrier	ENSG00000179939	31.52715	-0.02319	1.033631	-0.02244
ENSG00000151084	ENSG00000151084	CRYL1	crystallin like	ENSG00000151084	15.82518	-0.03087	1.377665	-0.02241
ENSG00000110428	ENSG00000110428	CFDP1	craniofacial	ENSG00000110428	19.18246	0.029172	1.309886	0.022271
ENSG0000015498	ENSG0000015498	PPOX	protoporphyrin	ENSG0000015498	6.007041	-0.04849	2.190325	-0.02214
ENSG0000011742	ENSG0000011742	DLG4	discs large	ENSG0000011742	21.22631	0.028563	1.293316	0.022085
ENSG00000110747	ENSG00000110747	MASP2	mannan binding	ENSG00000110747	2.01743	-0.07776	3.523818	-0.02207
ENSG000001100271715	ENSG000001100271715	ARHGEF33	Rho guanine	ENSG000001100271715	2.01743	-0.07776	3.523818	-0.02207
ENSG00000190342	ENSG00000190342	FER1L5	fer-1 like family	ENSG00000190342	2.01743	-0.07776	3.523818	-0.02207
ENSG0000010224007	ENSG0000010224007			ENSG0000010224007	2.01743	-0.07776	3.523818	-0.02207
ENSG000001130399	ENSG000001130399	ACVR1C	activin A receptor	ENSG000001130399	2.01743	-0.07776	3.523818	-0.02207
ENSG0000010224618	ENSG0000010224618			ENSG0000010224618	2.01743	-0.07776	3.523818	-0.02207
ENSG00000155152	ENSG00000155152	DALRD3	DALR antic	ENSG00000155152	2.01743	-0.07776	3.523818	-0.02207

ENSG0000I	ENSG0000I	100775107	RBM5-AS1	RBM5 anti	ENSG0000I	2.01743	-0.07776	3.523818	-0.02207
ENSG0000I	ENSG0000I	0261643			ENSG0000I	2.01743	-0.07776	3.523818	-0.02207
ENSG0000I	ENSG0000I	10468	FST	follistatin	ENSG0000I	2.01743	-0.07776	3.523818	-0.02207
ENSG0000I	ENSG0000I	0260686			ENSG0000I	2.01743	-0.07776	3.523818	-0.02207
ENSG0000I	ENSG0000I	3137	HLA-J	major histc	ENSG0000I	2.01743	-0.07776	3.523818	-0.02207
ENSG0000I	ENSG0000I	10842	PPP1R17	protein ph	ENSG0000I	2.01743	-0.07776	3.523818	-0.02207
ENSG0000I	ENSG0000I	0275400			ENSG0000I	2.01743	-0.07776	3.523818	-0.02207
ENSG0000I	ENSG0000I	0279483			ENSG0000I	2.01743	-0.07776	3.523818	-0.02207
ENSG0000I	ENSG0000I	285966	TCAF2	TRPM8 cha	ENSG0000I	2.01743	-0.07776	3.523818	-0.02207
ENSG0000I	ENSG0000I	7516	XRCC2	X-ray repai	ENSG0000I	2.01743	-0.07776	3.523818	-0.02207
ENSG0000I	ENSG0000I	169270	ZNF596	zinc finger	ENSG0000I	2.01743	-0.07776	3.523818	-0.02207
ENSG0000I	ENSG0000I	0239218			ENSG0000I	2.01743	-0.07776	3.523818	-0.02207
ENSG0000I	ENSG0000I	441457	NUTM2G	NUT family	ENSG0000I	2.01743	-0.07776	3.523818	-0.02207
ENSG0000I	ENSG0000I	0230322			ENSG0000I	2.01743	-0.07776	3.523818	-0.02207
ENSG0000I	ENSG0000I	0229659			ENSG0000I	2.01743	-0.07776	3.523818	-0.02207
ENSG0000I	ENSG0000I	2749	GLUD1P3	glutamate	ENSG0000I	2.01743	-0.07776	3.523818	-0.02207
ENSG0000I	ENSG0000I	650368	TSSC2	tumor sup	ENSG0000I	2.01743	-0.07776	3.523818	-0.02207
ENSG0000I	ENSG0000I	0278989			ENSG0000I	2.01743	-0.07776	3.523818	-0.02207
ENSG0000I	ENSG0000I	0254449			ENSG0000I	2.01743	-0.07776	3.523818	-0.02207
ENSG0000I	ENSG0000I	179899			ENSG0000I	2.01743	-0.07776	3.523818	-0.02207
ENSG0000I	ENSG0000I	144983	HNRNPA1L	heterogen	ENSG0000I	2.01743	-0.07776	3.523818	-0.02207
ENSG0000I	ENSG0000I	0277767			ENSG0000I	2.01743	-0.07776	3.523818	-0.02207
ENSG0000I	ENSG0000I	100126336	MIR208B	microRNA	ENSG0000I	2.01743	-0.07776	3.523818	-0.02207
ENSG0000I	ENSG0000I	0205534			ENSG0000I	2.01743	-0.07776	3.523818	-0.02207
ENSG0000I	ENSG0000I	0264546			ENSG0000I	2.01743	-0.07776	3.523818	-0.02207
ENSG0000I	ENSG0000I	8541	PPFIA3	PTPRF inte	ENSG0000I	2.01743	-0.07776	3.523818	-0.02207
ENSG0000I	ENSG0000I	100534593	STX16-NPE	STX16-NPE	ENSG0000I	2.01743	-0.07776	3.523818	-0.02207
ENSG0000I	ENSG0000I	101927574	LINC01186	long interg	ENSG0000I	2.01743	-0.07776	3.523818	-0.02207
ENSG0000I	ENSG0000I	10800	CYSLTR1	cysteiny l	ENSG0000I	2.01743	-0.07776	3.523818	-0.02207
ENSG0000I	ENSG0000I	8269	TMEM187	transmeml	ENSG0000I	2.01743	-0.07776	3.523818	-0.02207
ENSG0000I	ENSG0000I	54936	ADPRHL2	ADP-ribosy	ENSG0000I	11.5213	0.034563	1.583398	0.021828
ENSG0000I	ENSG0000I	3559	IL2RA	interleukin	ENSG0000I	5.95172	-0.0501	2.317514	-0.02162
ENSG0000I	ENSG0000I	259232	NALCN	sodium lea	ENSG0000I	19.79216	-0.02782	1.289216	-0.02158
ENSG0000I	ENSG0000I	54619	CCNJ	cyclin J	ENSG0000I	7.962873	-0.04051	1.886372	-0.02147
ENSG0000I	ENSG0000I	0223599			ENSG0000I	4.012235	-0.0552	2.580471	-0.02139
ENSG0000I	ENSG0000I	677828	SNORA47	small nucle	ENSG0000I	4.012235	-0.0552	2.580471	-0.02139
ENSG0000I	ENSG0000I	8294	HIST1H4I	histone clu	ENSG0000I	4.012235	-0.0552	2.580471	-0.02139
ENSG0000I	ENSG0000I	497258	BDNF-AS	BDNF antis	ENSG0000I	4.012235	-0.0552	2.580471	-0.02139
ENSG0000I	ENSG0000I	100506060	SMG1P7	SMG1 pset	ENSG0000I	4.012235	-0.0552	2.580471	-0.02139
ENSG0000I	ENSG0000I	9884	LRRC37A	leucine ricl	ENSG0000I	4.012235	-0.0552	2.580471	-0.02139
ENSG0000I	ENSG0000I	113444	SMIM12	small integ	ENSG0000I	40.53824	0.019993	0.939911	0.021271
ENSG0000I	ENSG0000I	22801	ITGA11	integrin su	ENSG0000I	50.31492	0.019825	0.934103	0.021224
ENSG0000I	ENSG0000I	1777	DNASE2	deoxyribor	ENSG0000I	9.918705	-0.03582	1.696002	-0.02112
ENSG0000I	ENSG0000I	23172	ABRAXAS2	abraxas 2,	ENSG0000I	19.22143	0.026874	1.279637	0.021001
ENSG0000I	ENSG0000I	6199	RPS6KB2	ribosomal	ENSG0000I	11.87454	-0.03266	1.561909	-0.02091
ENSG0000I	ENSG0000I	905	CCNT2	cyclin T2	ENSG0000I	50.24953	0.018044	0.867805	0.020793
ENSG0000I	ENSG0000I	9570	GOSR2	golgi SNAP	ENSG0000I	13.83037	-0.03035	1.461312	-0.02077

ENSG0000015826	ABCD4	ATP bindin	ENSG0000015826	19.68152	-0.02749	1.32619	-0.02073
ENSG0000026278	SACS	sacsin mol	ENSG0000026278	107.8637	-0.01433	0.692813	-0.02068
ENSG000002987	GUK1	guanylate l	ENSG000002987	39.32786	-0.0195	0.949743	-0.02053
ENSG00000113612	CYP2U1	cytochrom	ENSG00000113612	21.6537	-0.02491	1.222832	-0.02037
ENSG0000011159	RABL2A	RAB, meml	ENSG0000011159	5.968068	-0.04275	2.13277	-0.02004
ENSG00000100506606	LOC100506606	uncharacte	ENSG00000100506606	5.968068	-0.04275	2.13277	-0.02004
ENSG00000124152	IQCK	IQ motif cc	ENSG00000124152	5.968068	-0.04275	2.13277	-0.02004
ENSG0000010950	BTG3	BTG anti-pi	ENSG0000010950	5.968068	-0.04275	2.13277	-0.02004
ENSG0000012091	FBL	fibrillar	ENSG0000012091	17.28822	0.026822	1.352854	0.019826
ENSG00000123095	KIF1B	kinesin fan	ENSG00000123095	294.0451	-0.01147	0.581389	-0.01973
ENSG00000184967	LSM10	LSM10, U7	ENSG00000184967	7.654883	0.03743	1.902671	0.019673
ENSG0000018793	TNFRSF10	TNF recept	ENSG0000018793	7.654883	0.03743	1.902671	0.019673
ENSG00000100128893	GATA6-AS1	GATA6 ant	ENSG00000100128893	7.654883	0.03743	1.902671	0.019673
ENSG0000012673	GFPT1	glutamine-	ENSG0000012673	108.4292	0.013478	0.689596	0.019545
ENSG00000155163	PNPO	pyridoxam	ENSG00000155163	11.56027	0.031323	1.613561	0.019412
ENSG000001151393	RMDN2	regulator c	ENSG000001151393	7.9239	-0.03637	1.874821	-0.0194
ENSG00000110123	ARL4C	ADP ribosy	ENSG00000110123	7.9239	-0.03637	1.874821	-0.0194
ENSG0000018036	SHOC2	SHOC2, leu	ENSG0000018036	81.35557	0.014455	0.745189	0.019397
ENSG0000017284	TUFM	Tu translat	ENSG0000017284	159.017	0.012359	0.644297	0.019182
ENSG0000015862	RAB2A	RAB2A, me	ENSG0000015862	121.6464	-0.01294	0.677621	-0.0191
ENSG000001166614	DCLK2	doublecort	ENSG000001166614	21.67005	-0.02295	1.203656	-0.01907
ENSG0000017570	ZNF22	zinc finger	ENSG0000017570	9.879733	-0.03242	1.702677	-0.01904
ENSG000001114659	LRRC37B	leucine ric	ENSG000001114659	9.879733	-0.03242	1.702677	-0.01904
ENSG0000011740	DLG2	discs large	ENSG0000011740	23.6812	-0.02238	1.190072	-0.01881
ENSG00000155028	C17orf80	chromosor	ENSG00000155028	34.79394	0.018695	0.994332	0.018802
ENSG0000014720	NDUFS2	NADH:ubic	ENSG0000014720	215.3288	0.011375	0.608939	0.01868
ENSG000001152992	TRMT44	tRNA meth	ENSG000001152992	11.50495	0.030051	1.609697	0.018669
ENSG00000184693	MCEE	methylmal	ENSG00000184693	17.75838	-0.02448	1.313944	-0.01863
ENSG00000194097	SFXN5	sideroflexi	ENSG00000194097	17.75838	-0.02448	1.313944	-0.01863
ENSG000001966	CD59	CD59 mole	ENSG000001966	620.5737	-0.00965	0.519756	-0.01856
ENSG00000123376	UFL1	UFM1 spec	ENSG00000123376	55.03991	-0.01594	0.85905	-0.01855
ENSG00000129922	NME7	NME/NM2	ENSG00000129922	9.627063	0.032165	1.736764	0.01852
ENSG0000014800	NFYA	nuclear tra	ENSG0000014800	23.14944	0.021658	1.170488	0.018503
ENSG0000019778	KIAA0232	KIAA0232	ENSG0000019778	256.7246	-0.01084	0.588142	-0.01842
ENSG000001159371	SLC35G1	solute carr	ENSG000001159371	3.973263	-0.04776	2.592523	-0.01842
ENSG0000018914	TIMELESS	timeless ci	ENSG0000018914	3.973263	-0.04776	2.592523	-0.01842
ENSG00000126063	DECR2	2,4-dienoy	ENSG00000126063	3.973263	-0.04776	2.592523	-0.01842
ENSG000001113026	PLCD3	phospholiç	ENSG000001113026	48.39426	0.015795	0.880985	0.017929
ENSG00000155500	ETNK1	ethanolam	ENSG00000155500	47.08959	-0.01597	0.896433	-0.01781
ENSG0000019695	EDEM1	ER degrad	ENSG0000019695	42.5167	0.016575	0.930775	0.017808
ENSG000001125228	FAM210A	family with	ENSG000001125228	46.5101	0.016845	0.954881	0.017641
ENSG0000017353	UFD1	ubiquitin r	ENSG0000017353	21.63107	-0.02115	1.210529	-0.01747
ENSG00000164779	MTHFSD	methenylt	ENSG00000164779	7.693856	0.033233	1.907363	0.017424
ENSG000001115098	CCDC124	coiled-coil	ENSG000001115098	7.693856	0.033233	1.907363	0.017424
ENSG000001388523	ZNF728	zinc finger	ENSG000001388523	7.693856	0.033233	1.907363	0.017424
ENSG0000019789	SPCS2	signal pept	ENSG0000019789	19.67524	-0.02172	1.256452	-0.01729
ENSG00000155171	TBCCD1	TBCC dom	ENSG00000155171	5.929095	-0.03731	2.173711	-0.01716

ENSG0000019746	CLSTN3	calyntenin	ENSG0000019746	15.39399	0.024039	1.40774	0.017076
ENSG0000026127	FGFR1OP2	FGFR1 onc	ENSG0000026127	45.15011	-0.01536	0.901906	-0.01703
ENSG0000010205	MPZL2	myelin pro	ENSG0000010205	11.54392	0.026875	1.580453	0.017005
ENSG0000010455	ECI2	enoyl-CoA	ENSG0000010455	51.03395	-0.01464	0.863907	-0.01695
ENSG0000015495	PPM1B	protein ph	ENSG0000015495	77.49543	0.012744	0.752763	0.016929
ENSG0000012483	FRG1	FSHD regio	ENSG0000012483	15.76358	-0.02316	1.378832	-0.01679
ENSG0000011915	EEF1A1	eukaryotic	ENSG0000011915	1469.247	0.008965	0.53508	0.016755
ENSG0000011140	CDC37	cell divisio	ENSG0000011140	89.1789	0.012024	0.721874	0.016657
ENSG00000126088	GGA1	golgi assoc	ENSG00000126088	32.84438	0.01706	1.024725	0.016648
ENSG0000010552	AVPR1A	arginine va	ENSG0000010552	7.884928	-0.03189	1.923744	-0.01658
ENSG00000110590	SCGN	secretagog	ENSG00000110590	3.788469	0.049019	2.985613	0.016419
ENSG000001120114	FAT3	FAT atypic	ENSG000001120114	3.788469	0.049019	2.985613	0.016419
ENSG00000211899			ENSG00000211899	3.788469	0.049019	2.985613	0.016419
ENSG0000013155	HMGCL	3-hydroxy-	ENSG0000013155	33.45408	-0.01696	1.038998	-0.01632
ENSG0000019391	CIAO1	cytosolic ir	ENSG0000019391	73.64536	0.01241	0.763975	0.016244
ENSG00000180256	FAM214B	family with	ENSG00000180256	25.61441	-0.01878	1.159595	-0.01619
ENSG00000184131	CEP78	centrosom	ENSG00000184131	11.85191	-0.02537	1.57299	-0.01613
ENSG0000014093	SMAD9	SMAD fam	ENSG0000014093	11.85191	-0.02537	1.57299	-0.01613
ENSG000001168455	CCDC71L	coiled-coil	ENSG000001168455	17.31085	0.022293	1.383888	0.016109
ENSG000001148523	CIART	circadian a	ENSG000001148523	5.760649	0.034724	2.164166	0.016045
ENSG0000014350	MPG	N-methylp	ENSG0000014350	5.760649	0.034724	2.164166	0.016045
ENSG000001147040	KCTD11	potassium	ENSG000001147040	5.760649	0.034724	2.164166	0.016045
ENSG00000276855			ENSG00000276855	5.760649	0.034724	2.164166	0.016045
ENSG000001253943	YTHDF3	YTH N6-me	ENSG000001253943	128.0303	0.010462	0.655	0.015973
ENSG00000180145	THOC7	THO compl	ENSG00000180145	29.06598	0.017919	1.122913	0.015958
ENSG0000014361	MRE11	MRE11 hor	ENSG0000014361	28.99432	0.017053	1.069257	0.015949
ENSG00000151602	NOP58	NOP58 rib	ENSG00000151602	33.34344	-0.01638	1.028256	-0.01593
ENSG00000151552	RAB14	RAB14, me	ENSG00000151552	92.14292	-0.01144	0.721569	-0.01585
ENSG00000163941	NECAB3	N-terminal	ENSG00000163941	21.64742	-0.01908	1.207673	-0.0158
ENSG00000165982	ZSCAN18	zinc finger	ENSG00000165982	29.54242	-0.01736	1.115409	-0.01556
ENSG000001147339	C18orf25	chromosom	ENSG000001147339	76.44722	-0.01176	0.75635	-0.01555
ENSG0000013632	INPP5A	inositol pol	ENSG0000013632	77.58972	0.011648	0.757879	0.015369
ENSG00000110667	FARS2	phenylalan	ENSG00000110667	19.69159	-0.01939	1.261983	-0.01537
ENSG00000155466	DNAJA4	DnaJ heat	ENSG00000155466	68.73453	-0.01286	0.839335	-0.01532
ENSG00000122850	ADNP2	ADNP hom	ENSG00000122850	17.40514	0.02016	1.330622	0.015151
ENSG00000126092	TOR1AIP1	torsin 1A ir	ENSG00000126092	99.87196	-0.01059	0.700516	-0.01511
ENSG00000129101	SSU72	SSU72 hor	ENSG00000129101	50.37272	0.013064	0.86674	0.015073
ENSG00000158500	ZNF250	zinc finger	ENSG00000158500	15.7246	-0.02082	1.388226	-0.015
ENSG00000184285	EIF1AD	eukaryotic	ENSG00000184285	15.7246	-0.02082	1.388226	-0.015
ENSG00000155837	EAPP	E2F associ	ENSG00000155837	15.7246	-0.02082	1.388226	-0.015
ENSG0000019851	KIAA0753	KIAA0753	ENSG0000019851	17.73576	-0.01978	1.328584	-0.01488
ENSG0000011514	CTSL	cathepsin l	ENSG0000011514	89.09716	0.011278	0.758889	0.014861
ENSG000001401265	KLHL31	kelch like f	ENSG000001401265	430.6128	-0.00835	0.562576	-0.01484
ENSG0000018165	AKAP1	A-kinase ar	ENSG0000018165	246.6385	0.008545	0.581297	0.0147
ENSG00000191522	COL23A1	collagen ty	ENSG00000191522	13.76877	-0.02154	1.466161	-0.01469
ENSG0000017748	ZNF195	zinc finger	ENSG0000017748	13.76877	-0.02154	1.466161	-0.01469
ENSG000001283922	LOC283922	pyruvate d	ENSG000001283922	13.76877	-0.02154	1.466161	-0.01469

ENSG0000I	ENSG0000I	6667	SP1	Sp1 transcr	ENSG0000I	142.8651	-0.00937	0.642429	-0.01459
ENSG0000I	ENSG0000I	84312	BRMS1L	BRMS1 like	ENSG0000I	11.81294	-0.02242	1.565538	-0.01432
ENSG0000I	ENSG0000I	126969	SLC44A3	solute carr	ENSG0000I	3.827442	0.037261	2.610236	0.014275
ENSG0000I	ENSG0000I	253559	CADM2	cell adhesi	ENSG0000I	3.827442	0.037261	2.610236	0.014275
ENSG0000I	ENSG0000I	0225092			ENSG0000I	3.827442	0.037261	2.610236	0.014275
ENSG0000I	ENSG0000I	442590	SPDYE5	speedy/RIP	ENSG0000I	3.827442	0.037261	2.610236	0.014275
ENSG0000I	ENSG0000I	4597	MVD	mevalonat	ENSG0000I	3.827442	0.037261	2.610236	0.014275
ENSG0000I	ENSG0000I	84292	WDR83	WD repeat	ENSG0000I	3.827442	0.037261	2.610236	0.014275
ENSG0000I	ENSG0000I	598	BCL2L1	BCL2 like 1	ENSG0000I	52.32855	0.012045	0.855532	0.014078
ENSG0000I	ENSG0000I	6197	RPS6KA3	ribosomal	ENSG0000I	101.8215	-0.00978	0.695259	-0.01407
ENSG0000I	ENSG0000I	10613	ERLIN1	ER lipid raf	ENSG0000I	19.26668	0.018689	1.330575	0.014046
ENSG0000I	ENSG0000I	23583	SMUG1	single-strai	ENSG0000I	9.857108	-0.02356	1.697513	-0.01388
ENSG0000I	ENSG0000I	100507495	SDCBP2-AS	SDCBP2 an	ENSG0000I	9.857108	-0.02356	1.697513	-0.01388
ENSG0000I	ENSG0000I	57534	MIB1	mindbomb	ENSG0000I	95.93767	-0.00977	0.706782	-0.01382
ENSG0000I	ENSG0000I	54532	USP53	ubiquitin s	ENSG0000I	174.744	0.008357	0.610614	0.013687
ENSG0000I	ENSG0000I	84146	ZNF644	zinc finger	ENSG0000I	88.08164	-0.00989	0.727717	-0.01359
ENSG0000I	ENSG0000I	90121	TSR2	TSR2, ribos	ENSG0000I	27.10008	0.014813	1.096855	0.013505
ENSG0000I	ENSG0000I	84988	PPP1R16A	protein ph	ENSG0000I	9.649689	0.023014	1.712448	0.013439
ENSG0000I	ENSG0000I	11173	ADAMTS7	ADAM met	ENSG0000I	9.649689	0.023014	1.712448	0.013439
ENSG0000I	ENSG0000I	126070	ZNF440	zinc finger	ENSG0000I	9.649689	0.023014	1.712448	0.013439
ENSG0000I	ENSG0000I	85364	ZCCHC3	zinc finger	ENSG0000I	9.649689	0.023014	1.712448	0.013439
ENSG0000I	ENSG0000I	8819	SAP30	Sin3A asso	ENSG0000I	7.677509	0.026031	1.93867	0.013427
ENSG0000I	ENSG0000I	79959	CEP76	centrosom	ENSG0000I	7.677509	0.026031	1.93867	0.013427
ENSG0000I	ENSG0000I	51527	GSKIP	GSK3B inte	ENSG0000I	7.901275	-0.02519	1.883604	-0.01337
ENSG0000I	ENSG0000I	146050	ZSCAN29	zinc finger	ENSG0000I	29.01694	0.014234	1.075491	0.013235
ENSG0000I	ENSG0000I	8754	ADAM9	ADAM met	ENSG0000I	188.3343	0.007977	0.604536	0.013195
ENSG0000I	ENSG0000I	57130	ATP13A1	ATPase 13	ENSG0000I	15.41662	0.018738	1.434273	0.013065
ENSG0000I	ENSG0000I	100505641	FGD5-AS1	FGD5 antis	ENSG0000I	120.3591	0.008574	0.665452	0.012884
ENSG0000I	ENSG0000I	79068	FTO	FTO, alpha	ENSG0000I	98.99703	0.009005	0.70037	0.012857
ENSG0000I	ENSG0000I	83734	ATG10	autophagy	ENSG0000I	5.945443	-0.02794	2.174251	-0.01285
ENSG0000I	ENSG0000I	26267	FBXO10	F-box prot	ENSG0000I	5.945443	-0.02794	2.174251	-0.01285
ENSG0000I	ENSG0000I	79165	LENG1	leukocyte r	ENSG0000I	5.799622	0.028544	2.244088	0.01272
ENSG0000I	ENSG0000I	55425	GPALPP1	GPALPP m	ENSG0000I	21.27783	0.015296	1.213721	0.012603
ENSG0000I	ENSG0000I	8634	RTCA	RNA 3'-ter	ENSG0000I	31.38133	-0.01276	1.035972	-0.01232
ENSG0000I	ENSG0000I	26039	SS18L1	SS18L1, nB	ENSG0000I	13.53873	0.018022	1.473112	0.012234
ENSG0000I	ENSG0000I	7697	ZNF138	zinc finger	ENSG0000I	11.56655	0.01936	1.597054	0.012122
ENSG0000I	ENSG0000I	7164	TPD52L1	TPD52 like	ENSG0000I	29.05591	0.012783	1.067448	0.011975
ENSG0000I	ENSG0000I	84792	FAM220A	family with	ENSG0000I	19.66896	-0.01523	1.278931	-0.01191
ENSG0000I	ENSG0000I	284695	ZNF326	zinc finger	ENSG0000I	35.25403	-0.0118	0.993349	-0.01188
ENSG0000I	ENSG0000I	60676	PAPPA2	pappalysin	ENSG0000I	1.894234	0.047255	3.983139	0.011864
ENSG0000I	ENSG0000I	180385			ENSG0000I	1.894234	0.047255	3.983139	0.011864
ENSG0000I	ENSG0000I	0273356			ENSG0000I	1.894234	0.047255	3.983139	0.011864
ENSG0000I	ENSG0000I	0219470			ENSG0000I	1.894234	0.047255	3.983139	0.011864
ENSG0000I	ENSG0000I	6991	TCTE3	t-complex-	ENSG0000I	1.894234	0.047255	3.983139	0.011864
ENSG0000I	ENSG0000I	0270314			ENSG0000I	1.894234	0.047255	3.983139	0.011864
ENSG0000I	ENSG0000I	85002	FAM86B1	family with	ENSG0000I	1.894234	0.047255	3.983139	0.011864
ENSG0000I	ENSG0000I	751071	CSKMT	citrate synt	ENSG0000I	1.894234	0.047255	3.983139	0.011864

ENSG0000018814	ENSG0000018814	CDKL1	cyclin depende	ENSG0000018814	1.894234	0.047255	3.983139	0.011864
ENSG00000164093	ENSG00000164093	SMOC1	SPARC related	ENSG00000164093	1.894234	0.047255	3.983139	0.011864
ENSG00000151333	ENSG00000151333	ZNF771	zinc finger	ENSG00000151333	1.894234	0.047255	3.983139	0.011864
ENSG000001268573	ENSG000001268573			ENSG000001268573	1.894234	0.047255	3.983139	0.011864
ENSG000001140886	ENSG000001140886	PABPC5	poly(A) binding	ENSG000001140886	1.894234	0.047255	3.983139	0.011864
ENSG000001285268	ENSG000001285268	ZNF621	zinc finger	ENSG000001285268	29.4255	-0.01259	1.064588	-0.01182
ENSG0000019440	ENSG0000019440	MED17	mediator complex	ENSG0000019440	23.54166	-0.01361	1.162783	-0.0117
ENSG00000110494	ENSG00000110494	STK25	serine/threonine	ENSG00000110494	47.03806	-0.01036	0.894876	-0.01158
ENSG0000018189	ENSG0000018189	SYMPK	symplekin	ENSG0000018189	45.01056	-0.01054	0.912267	-0.01156
ENSG0000015245	ENSG0000015245	PHB	prohibitin	ENSG0000015245	40.72303	0.010783	0.936479	0.011514
ENSG0000019703	ENSG0000019703	KIAA0100	KIAA0100	ENSG0000019703	162.2877	-0.00716	0.62215	-0.0115
ENSG0000015914	ENSG0000015914	RARA	retinoic acid	ENSG0000015914	15.45559	0.016044	1.400098	0.011459
ENSG000001126917	ENSG000001126917	IFFO2	intermediate	ENSG000001126917	7.716481	0.021535	1.893216	0.011375
ENSG00000155650	ENSG00000155650	PIGV	phosphatidylinositol	ENSG00000155650	7.716481	0.021535	1.893216	0.011375
ENSG000001339929	ENSG000001339929	LPP-AS2	LPP antisense	ENSG000001339929	7.716481	0.021535	1.893216	0.011375
ENSG000001100289678	ENSG000001100289678	ZNF783	zinc finger	ENSG000001100289678	7.716481	0.021535	1.893216	0.011375
ENSG000001100507244	ENSG000001100507244	MAMDC2-2	MAMDC2 antisense	ENSG000001100507244	7.716481	0.021535	1.893216	0.011375
ENSG0000012184	ENSG0000012184	FAH	fumarate hydratase	ENSG0000012184	17.71313	-0.01524	1.353915	-0.01126
ENSG00000179842	ENSG00000179842	ZBTB3	zinc finger	ENSG00000179842	7.862302	-0.02108	1.885109	-0.01118
ENSG0000012057	ENSG0000012057	EPOR	erythropoietin	ENSG0000012057	7.862302	-0.02108	1.885109	-0.01118
ENSG00000190594	ENSG00000190594	ZNF439	zinc finger	ENSG00000190594	7.862302	-0.02108	1.885109	-0.01118
ENSG000001254228	ENSG000001254228	CALHM5	calcium homeostasis	ENSG000001254228	21.31681	0.013488	1.211859	0.01113
ENSG000001481	ENSG000001481	ATP1B1	ATPase Na ⁺ /K ⁺	ENSG000001481	233.2783	0.006617	0.594524	0.01113
ENSG000001100287171	ENSG000001100287171	WASHC1	WASH complex	ENSG000001100287171	3.866414	0.029216	2.674233	0.010925
ENSG00000151804	ENSG00000151804	SIX4	SIX homeobox	ENSG00000151804	3.866414	0.029216	2.674233	0.010925
ENSG00000189941	ENSG00000189941	RHOT2	ras homology	ENSG00000189941	25.45852	-0.01217	1.132233	-0.01075
ENSG00000125834	ENSG00000125834	MGAT4C	MGAT4 family	ENSG00000125834	13.59405	0.017274	1.61237	0.010713
ENSG0000019532	ENSG0000019532	BAG2	BCL2 associated	ENSG0000019532	25.51384	-0.01213	1.136481	-0.01067
ENSG00000110678	ENSG00000110678	B3GNT2	UDP-GlcNAc 4-epimerase	ENSG00000110678	29.09489	0.011366	1.067013	0.010652
ENSG00000111221	ENSG00000111221	DUSP10	dual specificity	ENSG00000111221	5.90647	-0.02248	2.141159	-0.0105
ENSG00000184100	ENSG00000184100	ARL6	ADP ribosyltransferase	ENSG00000184100	5.90647	-0.02248	2.141159	-0.0105
ENSG000001285505	ENSG000001285505	FAM198B-1	FAM198B antisense	ENSG000001285505	5.90647	-0.02248	2.141159	-0.0105
ENSG00000156967	ENSG00000156967	C14orf132	chromosome 14	ENSG00000156967	5.90647	-0.02248	2.141159	-0.0105
ENSG00000184926	ENSG00000184926	SPRYD3	SPRY domain	ENSG00000184926	48.8996	-0.00922	0.884245	-0.01042
ENSG000001957	ENSG000001957	ENTPD5	ectonucleoside	ENSG000001957	11.60552	0.016292	1.575752	0.010339
ENSG00000128988	ENSG00000128988	DBNL	drebrin like	ENSG00000128988	64.02458	0.008183	0.812641	0.01007
ENSG0000015205	ENSG0000015205	ATP8B1	ATPase phosphatidylinositol	ENSG0000015205	27.4307	-0.01087	1.092357	-0.00996
ENSG00000190933	ENSG00000190933	TRIM41	tripartite motif	ENSG00000190933	15.49456	0.013662	1.387693	0.009845
ENSG00000154840	ENSG00000154840	APTX	aprataxin	ENSG00000154840	17.46674	0.013047	1.333621	0.009783
ENSG000001115201	ENSG000001115201	ATG4A	autophagy	ENSG000001115201	17.46674	0.013047	1.333621	0.009783
ENSG0000017922	ENSG0000017922	SLC39A7	solute carrier	ENSG0000017922	54.32964	0.008285	0.851781	0.009727
ENSG0000010281896	ENSG0000010281896			ENSG0000010281896	3.950638	-0.02493	2.580935	-0.00966
ENSG00000183590	ENSG00000183590	TMUB1	transmembrane	ENSG00000183590	3.950638	-0.02493	2.580935	-0.00966
ENSG000001747	ENSG000001747	DAGLA	diacylglycerol	ENSG000001747	3.950638	-0.02493	2.580935	-0.00966
ENSG00000180127	ENSG00000180127	BBOF1	basal body	ENSG00000180127	3.950638	-0.02493	2.580935	-0.00966
ENSG000001170691	ENSG000001170691	ADAMTS17	ADAM metallopeptidase	ENSG000001170691	3.950638	-0.02493	2.580935	-0.00966
ENSG0000010263809	ENSG0000010263809			ENSG0000010263809	3.950638	-0.02493	2.580935	-0.00966

ENSG00000179760	GEMIN7	gem nucle	ENSG0000013950638	-0.02493	2.580935	-0.00966
ENSG00000155916	NXT2	nuclear tra	ENSG0000013950638	-0.02493	2.580935	-0.00966
ENSG000001196463	PLBD2	phospholiç	ENSG0000013915941	-0.00913	0.951292	-0.00959
ENSG000001284900	TTC28-AS1	TTC28 anti	ENSG0000011352238	0.014365	1.499451	0.00958
ENSG0000015717	PSMD11	proteasom	ENSG0000016605208	0.007488	0.791249	0.009463
ENSG00000164968	MRPS6	mitochond	ENSG0000011566301	-0.01303	1.394938	-0.00934
ENSG00000180279	CDK5RAP3	CDK5 regul	ENSG0000012710636	0.010421	1.126853	0.009248
ENSG0000011060	CENPC	centromer	ENSG0000013910409	-0.00886	0.962	-0.00921
ENSG0000016389	SDHA	succinate c	ENSG0000015913315	0.005004	0.553047	0.009049
ENSG000001254552	NUDT8	nudix hydr	ENSG0000017755454	0.01728	1.912023	0.009038
ENSG00000190507	SCRN2	secernin 2	ENSG0000017755454	0.01728	1.912023	0.009038
ENSG00000181629	TSSK3	testis speci	ENSG0000011994805	-0.03497	3.931721	-0.00889
ENSG0000013568	IL5RA	interleukin	ENSG0000011994805	-0.03497	3.931721	-0.00889
ENSG0000010229502			ENSG0000011994805	-0.03497	3.931721	-0.00889
ENSG0000010258044			ENSG0000011994805	-0.03497	3.931721	-0.00889
ENSG000001400120	SERTM1	serine rich	ENSG0000011994805	-0.03497	3.931721	-0.00889
ENSG0000010276698			ENSG0000011994805	-0.03497	3.931721	-0.00889
ENSG000001388324	INCA1	inhibitor of	ENSG0000011994805	-0.03497	3.931721	-0.00889
ENSG0000019120	SLC16A6	solute carr	ENSG0000011994805	-0.03497	3.931721	-0.00889
ENSG000001148170	CDC42EP5	CDC42 effe	ENSG0000011994805	-0.03497	3.931721	-0.00889
ENSG0000010274414			ENSG0000011994805	-0.03497	3.931721	-0.00889
ENSG00000151282	SCAND1	SCAN dom	ENSG0000011994805	-0.03497	3.931721	-0.00889
ENSG0000013799	KIF5B	kinesin far	ENSG000001387128	0.004922	0.563668	0.008731
ENSG000001105378853	LINC02609	long interg	ENSG0000015783274	0.018954	2.172777	0.008724
ENSG000001121642	ALKBH2	alkB homo	ENSG0000015783274	0.018954	2.172777	0.008724
ENSG000001677768	SCARNA13	small Cajal	ENSG0000015783274	0.018954	2.172777	0.008724
ENSG00000123098	SARM1	sterile alph	ENSG0000015783274	0.018954	2.172777	0.008724
ENSG00000129763	PACSIN3	protein kin	ENSG0000017627877	-0.00654	0.759481	-0.00861
ENSG0000015331	PLCB3	phospholiç	ENSG0000011370717	-0.01267	1.472327	-0.00861
ENSG0000013455	IFNAR2	interferon	ENSG0000011370717	-0.01267	1.472327	-0.00861
ENSG00000154838	WBP1L	WW doma	ENSG0000016257787	-0.00689	0.805357	-0.00856
ENSG0000015507	PPP1R3C	protein ph	ENSG0000011420217	0.006816	0.81954	0.008316
ENSG0000010230163			ENSG0000011933207	0.0302	3.643465	0.008289
ENSG000001257044	CATSPERE	catsper cha	ENSG0000011933207	0.0302	3.643465	0.008289
ENSG00000184696	ABHD1	abhydrolas	ENSG0000011933207	0.0302	3.643465	0.008289
ENSG00000151239	ANKRD39	ankyrin reç	ENSG0000011933207	0.0302	3.643465	0.008289
ENSG00000110192913C	LOC10192913C	uncharacte	ENSG0000011933207	0.0302	3.643465	0.008289
ENSG000001150159	SLC9B1	solute carr	ENSG0000011933207	0.0302	3.643465	0.008289
ENSG000001653238	GTF2H2B	general tra	ENSG0000011933207	0.0302	3.643465	0.008289
ENSG000001256355	RPS2P32	ribosomal	ENSG0000011933207	0.0302	3.643465	0.008289
ENSG0000010275160			ENSG0000011933207	0.0302	3.643465	0.008289
ENSG000001283310	OTOGL	otogelin lik	ENSG0000011933207	0.0302	3.643465	0.008289
ENSG0000010257252			ENSG0000011933207	0.0302	3.643465	0.008289
ENSG0000010206751			ENSG0000011933207	0.0302	3.643465	0.008289
ENSG00000110693	CCT6B	chaperonir	ENSG0000011933207	0.0302	3.643465	0.008289
ENSG0000012793	GNGT2	G protein s	ENSG0000011933207	0.0302	3.643465	0.008289
ENSG0000010273702			ENSG0000011933207	0.0302	3.643465	0.008289

ENSG00000100129503	LOC100129503	uncharacterized protein	ENSG000001933207	0.0302	3.643465	0.008289
ENSG0000010268322			ENSG000001933207	0.0302	3.643465	0.008289
ENSG0000010267152			ENSG000001933207	0.0302	3.643465	0.008289
ENSG0000010237406			ENSG000001933207	0.0302	3.643465	0.008289
ENSG00000105365	PLXNB3	plexin B3	ENSG000001933207	0.0302	3.643465	0.008289
ENSG000001057212	TP73-AS1	TP73 antisense RNA	ENSG0000017.63519	-0.01065	1.31376	-0.0081
ENSG000001084278	MFSD14C	major facilitator superfamily domain containing 14C	ENSG0000019.672314	0.013805	1.714696	0.008051
ENSG000001028985	MCTS1	MCTS1, repressed in cancer	ENSG0000019.42257	0.010108	1.266677	0.00798
ENSG000001090861	JPT2	Jupiter microtubule-binding protein 2	ENSG00000127.20065	0.008745	1.100349	0.007948
ENSG00000107016	TESK1	testis associated protein 1	ENSG0000013.56135	0.011573	1.473494	0.007854
ENSG000001028981	IFT81	intraflagellar transport protein 81	ENSG0000013.56135	0.011573	1.473494	0.007854
ENSG000001010632	ATP5MG	ATP synthase subunit 6	ENSG00000169.94739	0.005973	0.779914	0.007658
ENSG000001085021	REPS1	RALBP1 associated protein 1	ENSG00000154.7382	-0.00638	0.84237	-0.00757
ENSG00000103417	IDH1	isocitrate dehydrogenase 1	ENSG00000146.6295	0.006624	0.891348	0.007431
ENSG000001090624	LYRM7	LYR motif containing protein 7	ENSG00000156.78204	-0.0064	0.876809	-0.0073
ENSG0000010151987	PPP4R2	protein phosphatase 4 regulatory subunit 2	ENSG000001101.1867	0.005181	0.712514	0.007272
ENSG0000010112942	CFAP36	cilia and flagellum associated protein 36	ENSG00000115.67935	-0.00994	1.385432	-0.00717
ENSG00000106138	RPL15	ribosomal protein L15	ENSG000001244.0115	-0.00423	0.598195	-0.00707
ENSG00000109682	KDM4A	lysine demethylase 4A	ENSG00000132.9902	0.007076	1.026733	0.006892
ENSG000001093487	MAPK1IP1	mitogen-activated protein kinase 1 interacting protein 1	ENSG000001120.6382	0.004506	0.669137	0.006734
ENSG00000108479	HIRIP3	HIRA interacting protein 3	ENSG0000019.79551	-0.01121	1.701071	-0.00659
ENSG00000105919	RARRES2	retinoic acid receptor response element 2	ENSG0000013.911665	-0.01718	2.640678	-0.00651
ENSG0000010278863			ENSG0000013.911665	-0.01718	2.640678	-0.00651
ENSG0000010340554	ZC3H12B	zinc finger protein CCHC domain containing 12B	ENSG0000013.911665	-0.01718	2.640678	-0.00651
ENSG0000010114786	XKR4	XK related protein 4	ENSG0000015.922818	-0.01513	2.34955	-0.00644
ENSG00000105144	PDE4D	phosphodiesterase 4D	ENSG000001112.9255	0.004614	0.719253	0.006415
ENSG0000010171568	POLR3H	RNA polymerase III subunit h	ENSG00000125.21212	0.007355	1.150113	0.006395
ENSG000001054839	LRRC49	leucine rich repeat containing 49	ENSG00000121.52423	-0.0077	1.207177	-0.00638
ENSG000001051023	MRPS18C	mitochondrial ribosomal protein S18C	ENSG0000015.822247	0.013625	2.161986	0.006302
ENSG000001057335	ZNF286A	zinc finger protein 286A	ENSG0000015.822247	0.013625	2.161986	0.006302
ENSG000001083547	RILP	Rab interacting protein	ENSG00000135.22512	-0.00622	1.001626	-0.00621
ENSG0000010130132	RFTN2	raftlin family protein 2	ENSG00000113.60033	0.008972	1.472973	0.006091
ENSG0000010154007	SNRNP48	small nuclear ribonucleoprotein D48	ENSG00000119.40623	0.007691	1.264153	0.006084
ENSG00000109820	CUL7	cullin 7	ENSG00000119.40623	0.007691	1.264153	0.006084
ENSG000001085406	DNAJC14	DnaJ heat shock protein domain containing 14	ENSG00000119.40623	0.007691	1.264153	0.006084
ENSG0000010729678	LINC00847	long intergenic non-coding RNA 847	ENSG0000019.711287	0.010362	1.71187	0.006053
ENSG00000102237	FEN1	flap structure endonuclease 1	ENSG0000019.711287	0.010362	1.71187	0.006053
ENSG00000107112	TMPO	thymopoietin	ENSG00000136.91822	0.005758	0.973812	0.005912
ENSG00000105629	PROX1	prospero homeobox protein 1	ENSG000001112.9154	0.00401	0.691444	0.005799
ENSG00000104676	NAP1L4	nucleosome assembly protein 1-like 4	ENSG000001120.6445	0.003853	0.665054	0.005793
ENSG000001084525	HOPX	HOP homeobox protein	ENSG0000017.794427	0.011583	2.018689	0.005738
ENSG0000010279541			ENSG00000115.64038	-0.00762	1.384148	-0.0055
ENSG0000010256356	GK5	glycerol kinase 5	ENSG00000131.11232	0.005689	1.038661	0.005477
ENSG0000010149371	EXOC8	exocyst complex component 8	ENSG00000133.21397	-0.00548	1.012502	-0.00541
ENSG0000010147808	ZNF784	zinc finger protein 784	ENSG0000013.850067	0.014513	2.722952	0.00533
ENSG000001022998	LIMCH1	LIM and cadherin domain containing 1	ENSG000001506.2453	0.002921	0.557085	0.005243
ENSG00000107126	TNFAIP1	TNF alpha 1 interacting protein 1	ENSG00000185.98378	-0.0038	0.746297	-0.0051

ENSG00000184196	USP48	ubiquitin s	ENSG00000160.3304	0.004145	0.81697	0.005073
ENSG00000155188	RIC8B	RIC8 guani	ENSG00000139.05884	-0.00483	0.952208	-0.00507
ENSG0000014023	LPL	lipoprotein	ENSG000001881.9007	0.002507	0.502006	0.004993
ENSG0000010228729			ENSG0000011.955832	-0.01793	3.6106	-0.00497
ENSG0000010269973			ENSG0000011.955832	-0.01793	3.6106	-0.00497
ENSG0000010236449			ENSG0000011.955832	-0.01793	3.6106	-0.00497
ENSG00000164598	MOSPD3	motile spe	ENSG0000011.955832	-0.01793	3.6106	-0.00497
ENSG000001282969	FUOM	fucose mut	ENSG0000011.955832	-0.01793	3.6106	-0.00497
ENSG0000010256282			ENSG0000011.955832	-0.01793	3.6106	-0.00497
ENSG000001221150	SKA3	spindle anc	ENSG0000011.955832	-0.01793	3.6106	-0.00497
ENSG0000010261207			ENSG0000011.955832	-0.01793	3.6106	-0.00497
ENSG0000010260417			ENSG0000011.955832	-0.01793	3.6106	-0.00497
ENSG00000127296	TP53TG5	TP53 targe	ENSG0000011.955832	-0.01793	3.6106	-0.00497
ENSG000001100505771	MHENCRC	melanoma	ENSG0000011.955832	-0.01793	3.6106	-0.00497
ENSG000001102723475	KCNE1B	potassium	ENSG0000011.955832	-0.01793	3.6106	-0.00497
ENSG00000110824	DIAPH2-AS	DIAPH2 an	ENSG0000011.955832	-0.01793	3.6106	-0.00497
ENSG0000010234062			ENSG0000011.955832	-0.01793	3.6106	-0.00497
ENSG0000018871	SYNJ2	synaptojan	ENSG00000142.81841	0.004579	0.923759	0.004957
ENSG0000018766	RAB11A	RAB11A, m	ENSG000001110.9168	0.003288	0.680076	0.004834
ENSG000001256691	MAMDC2	MAM dom	ENSG00000123.27892	0.005765	1.200812	0.004801
ENSG00000155365	TMEM176	transmeml	ENSG00000115.58506	-0.00703	1.493309	-0.00471
ENSG0000013839	KPNA3	karyopheri	ENSG00000199.6784	-0.00349	0.743185	-0.0047
ENSG00000157522	SRGAP1	SLIT-ROBO	ENSG00000121.36206	0.005583	1.217844	0.004584
ENSG00000125849	PARM1	prostate ar	ENSG000001216.7846	-0.00287	0.632084	-0.00453
ENSG000001151230	KLHL23	kelch like f	ENSG00000133.06815	0.004447	1.013702	0.004387
ENSG00000153947	A4GALT	alpha 1,4-g	ENSG00000123.45743	-0.00482	1.166843	-0.00413
ENSG00000123165	NUP205	nucleopori	ENSG00000144.70257	0.003409	0.926383	0.00368
ENSG00000164216	TFB2M	transcripti	ENSG00000111.66712	0.005783	1.572704	0.003677
ENSG000001286826	LIN9	lin-9 DREA	ENSG00000125.37429	-0.00409	1.128887	-0.00362
ENSG00000189953	KLC4	kinesin lig	ENSG00000123.37321	0.004006	1.174306	0.003411
ENSG00000122992	KDM2A	lysine dem	ENSG000001115.0975	-0.00227	0.674364	-0.00337
ENSG00000183888	FGFBP2	fibroblast ξ	ENSG0000015.883845	-0.00725	2.165313	-0.00335
ENSG0000012982	GUCY1A1	guanylate c	ENSG000001116.856	0.002212	0.671871	0.003292
ENSG000001118924	FRA10AC1	FRA10A as	ENSG00000121.40103	0.003752	1.209207	0.003103
ENSG00000180003	PCNX2	pecanex 2	ENSG0000017.778079	0.005812	1.886995	0.00308
ENSG00000151626	DYNC2LI1	dynein cyt	ENSG0000017.778079	0.005812	1.886995	0.00308
ENSG00000128991	COMM5	COMM dor	ENSG0000017.778079	0.005812	1.886995	0.00308
ENSG00000110078	TSSC4	tumor sup	ENSG0000017.778079	0.005812	1.886995	0.00308
ENSG0000010213144			ENSG0000015.86122	0.006792	2.282087	0.002976
ENSG00000190874	ZNF697	zinc finger	ENSG00000119.48417	0.003751	1.268727	0.002957
ENSG0000010280385			ENSG0000017.800704	-0.00559	1.898833	-0.00295
ENSG000001254065	BRWD3	bromodorr	ENSG00000150.60277	0.002544	0.866891	0.002934
ENSG00000164786	TBC1D15	TBC1 dom	ENSG00000146.7816	-0.00265	0.909162	-0.00291
ENSG00000128977	MRPL42	mitochond	ENSG00000168.24423	-0.00228	0.792516	-0.00287
ENSG00000184240	ZCCHC9	zinc finger	ENSG0000019.694939	0.004943	1.743408	0.002835
ENSG00000180820	EEPD1	endonucle	ENSG0000019.694939	0.004943	1.743408	0.002835
ENSG00000110491	CRTAP	cartilage a	ENSG000001109.1973	-0.00195	0.690582	-0.00282

ENSG0000010049	DNAJB6	DnaJ heat s	ENSG00000164.0248	-0.00192	0.685068	-0.00281
ENSG00000156650	CLDND1	claudin do	ENSG00000138.95199	0.002463	0.953241	0.002584
ENSG00000125940	FAM98A	family with	ENSG00000160.51519	-0.0021	0.818835	-0.00256
ENSG00000193349	SP140L	SP140 nucl	ENSG00000113.64558	-0.00373	1.479887	-0.00252
ENSG0000012120	ETV6	ETS variant	ENSG00000140.95308	-0.00225	0.937725	-0.0024
ENSG000001441631	TSPAN11	tetraspanin	ENSG0000013.88904	0.005856	2.59083	0.00226
ENSG000001115703	ARHGAP33	Rho GTPase	ENSG0000013.88904	0.005856	2.59083	0.00226
ENSG0000015494	PPM1A	protein phosphatase	ENSG000001220.4787	-0.0011	0.609568	-0.00181
ENSG00000160558	GUF1	GUF1 homolog	ENSG00000135.11828	0.001726	1.022954	0.001687
ENSG00000179041	TMEM38A	transmembrane	ENSG00000121.38468	0.00176	1.231717	0.001429
ENSG00000155322	C5orf22	chromosome	ENSG00000129.25706	0.001381	1.078323	0.001281
ENSG0000018805	TRIM24	tripartite motif	ENSG00000137.09673	-0.0012	0.983229	-0.00123
ENSG000001166	AES	amino-terminus	ENSG000001156.0154	-0.00075	0.627308	-0.0012
ENSG00000184065	TMEM222	transmembrane	ENSG00000117.53462	-0.00156	1.323533	-0.00118
ENSG000001221002	RASGEF1A	RasGEF domain	ENSG0000013.928012	-0.00313	2.731241	-0.00115
ENSG00000184288	EFCAB2	EF-hand calcium	ENSG00000125.25738	0.001332	1.192035	0.001118
ENSG00000110865	ARID5A	AT-rich interaction	ENSG00000125.25738	0.001332	1.192035	0.001118
ENSG00000110018	BCL2L11	BCL2 like 1	ENSG00000119.46782	0.001367	1.260574	0.001084
ENSG00000129063	ZCCHC4	zinc finger	ENSG00000111.68974	-0.00171	1.57768	-0.00108
ENSG0000017507	XPA	XPA, DNA crosslink	ENSG00000111.68974	-0.00171	1.57768	-0.00108
ENSG00000157819	LSM2	LSM2 homolog	ENSG0000015.844872	-0.00192	2.154434	-0.00089
ENSG0000010214264			ENSG0000015.844872	-0.00192	2.154434	-0.00089
ENSG00000157232	ZNF630	zinc finger	ENSG0000015.844872	-0.00192	2.154434	-0.00089
ENSG0000011337	COX6A1	cytochrome	ENSG0000019.733912	0.00124	1.706756	0.000726
ENSG0000011211	CLTA	clathrin ligand	ENSG00000133.12975	0.000703	1.013229	0.000694
ENSG0000014121	MAN1A1	mannosidase	ENSG00000199.22577	0.000571	0.83515	0.000684
ENSG00000150854	C6orf48	chromosome	ENSG00000117.49564	0.00079	1.34931	0.000585
ENSG00000164960	MRPS15	mitochondrial	ENSG00000148.76385	0.000301	0.886569	0.00034
ENSG00000156339	METTL3	methyltransferase	ENSG00000129.18539	0.000236	1.089834	0.000216
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