

Supplementary Table 3: List of the down-regulated DEGs.

Gene ID	Gene Symbol	log2 (FoldChange)	p-adj	Description
ENSG00000107159	CA9	-11	9.69E-38	carbonic anhydrase 9
ENSG00000185432	METTL7A	-8.7	6.16E-24	methyltransferase like 7A
ENSG00000141639	MAPK4	-8.5	1.79E-15	mitogen-activated protein kinase 4
ENSG00000106541	AGR2	-8.5	1.31E-15	anterior gradient 2 2C protein disulphide isomerase family member
ENSG00000213809	KLRK1	-8.4	2.56E-15	killer cell lectin like receptor K1
ENSG00000099958	DERL3	-7.7	1.07E-12	derlin 3
ENSG00000154654	NCAM2	-7.6	2.47E-12	neural cell adhesion molecule 2
ENSG00000164692	COL1A2	-7.5	2.52E-12	collagen type I alpha 2 chain
ENSG00000186160	CYP4Z1	-7.3	3.92E-11	cytochrome P450 family 4 subfamily Z member 1
ENSG00000135346	CGA	-7.3	0	glycoprotein hormones 2C alpha polypeptide
ENSG00000227158	-	-7.2	7.08E-11	ligand of numb-protein X 1 2C E3 ubiquitin protein ligase pseudogene
ENSG00000224177	LINC00570	-7.2	4.59E-11	long intergenic non-protein coding RNA 570
ENSG00000179776	CDH5	-6.8	2.48E-14	cadherin 5
ENSG00000163485	ADORA1	-6.6	8.59E-55	adenosine A1 receptor
ENSG00000249406	-	-6.5	9.64E-09	novel transcript
ENSG00000124839	RAB17	-6.4	8.30E-51	RAB17 2C member RAS oncogene family
ENSG00000129038	LOXL1	-6.3	7.29E-85	lysyl oxidase like 1
ENSG00000150361	KLHL1	-6.1	1.47E-136	kelch like family member 1
ENSG00000241369	LINC01192	-6.1	7.71E-08	long intergenic non-protein coding RNA 1192
ENSG00000154146	NRGN	-6.1	5.31E-08	neurogranin
ENSG00000111348	ARHGDI1	-6.1	1.96E-07	Rho GDP dissociation inhibitor beta
ENSG00000168542	COL3A1	-6.1	5.88E-46	collagen type III alpha 1 chain
ENSG00000134042	MRO	-6	1.14E-07	maestro
ENSG00000112175	BMP5	-6	6.74E-08	bone morphogenetic protein 5
ENSG00000236519	LINC01424	-5.8	7.46E-06	long intergenic non-protein coding RNA 1424
ENSG00000163072	NOSTRIN	-5.8	1.26E-06	nitric oxide synthase trafficking
ENSG00000184544	DHRS7C	-5.8	2.09E-10	dehydrogenase/reductase 7C
ENSG00000142623	PADI1	-5.8	6.80E-07	peptidyl arginine deiminase 1
ENSG00000265107	GJA5	-5.7	3.59E-22	gap junction protein alpha 5
ENSG00000260266	PPIAP46	-5.7	1.26E-64	peptidylprolyl isomerase A pseudogene 46
ENSG00000151882	CCL28	-5.7	7.23E-07	C-C motif chemokine ligand 28
ENSG00000253500	-	-5.6	9.40E-10	novel transcript 2C antisense to CNBD1
ENSG00000117983	MUC5B	-5.5	2.22E-06	mucin 5B 2C oligomeric mucus/gel-forming
ENSG00000122711	SPINK4	-5.5	0	serine peptidase inhibitor Kazal type 4
ENSG00000233643	LINC02625	-5.5	7.75E-06	long intergenic non-protein coding RNA 2625
ENSG00000161798	AQP5	-5.5	1.56E-23	aquaporin 5
ENSG00000184486	POU3F2	-5.5	9.52E-07	POU class 3 homeobox 2
ENSG00000285593	-	-5.5	4.36E-06	novel transcript
ENSG00000173626	TRAPPC3L	-5.5	1.81E-06	trafficking protein particle complex 3 like

ENSG00000248791	-	-5.5	1.78E-05	pleckstrin homology domain containing 2C family A (phosphoinositide binding specific) member 1 (PLEKHA1) pseudogene
ENSG00000278982	-	-5.5	1.31E-15	TEC
ENSG00000257588	-	-5.4	5.62E-25	novel transcript 2C antisense to AQP5
ENSG00000137440	FGFBP1	-5.4	2.12E-120	fibroblast growth factor binding protein 1
ENSG00000224957	LINC01266	-5.3	8.69E-06	long intergenic non-protein coding RNA 1266
ENSG00000189350	TOGARAM2	-5.3	2.76E-16	TOG array regulator of axonemal microtubules 2
ENSG00000197119	SLC25A29	-5.3	5.37E-99	solute carrier family 25 member 29
ENSG00000170500	LONRF2	-5.3	8.73E-06	LON peptidase N-terminal domain and ring finger 2
ENSG00000086159	AQP6	-5.3	2.98E-05	aquaporin 6
ENSG00000221164	SNORA11F	-5.3	3.14E-05	small nucleolar RNA 2C H/ACA box 11F
ENSG00000145569	OTULINL	-5.3	0	OTU deubiquitinase with linear linkage specificity like
ENSG00000164089	ETNPPL	-5.2	4.56E-13	ethanolamine-phosphate phospho-lyase
ENSG00000250247	SEPHS2P1	-5.2	4.64E-05	selenophosphate synthetase 2 pseudogene 1
ENSG00000154438	ASZ1	-5.2	4.36E-05	ankyrin repeat 2C SAM and basic leucine zipper domain containing 1
ENSG00000175877	TMEM270	-5.2	3.12E-05	transmembrane protein 270
ENSG00000256427	-	-5.1	2.00E-05	novel transcript
ENSG00000170439	METTL7B	-5.1	4.83E-19	methyltransferase like 7B
ENSG00000271857	-	-5.1	2.05E-05	novel transcript 2C antisense to RUNX2
ENSG00000206073	SERPINB4	-5.1	1.12E-24	serpin family B member 4
ENSG00000038295	TLL1	-5.1	7.98E-06	tolloid like 1
ENSG00000257771	LINC02395	-5.1	2.39E-65	long intergenic non-protein coding RNA 2395
ENSG00000278637	H4C1	-5	0.0001281	H4 clustered histone 1
ENSG00000288459	-	-5	9.56E-05	novel transcript
ENSG00000237914	SIRPG-AS1	-5	0.000258	SIRPG antisense RNA 1
ENSG00000260293	-	-5	4.47E-20	novel transcript 2C intronic to TBC1D24
ENSG00000185261	KIAA0825	-5	1.26E-113	KIAA0825
ENSG00000109107	ALDOC	-5	2.66E-152	aldolase 2C fructose-bisphosphate C
ENSG00000175164	ABO	-4.9	1.15E-19	ABO 2C alpha 1-3-N-acetylgalactosaminyltransferase and alpha 1-3-galactosyltransferase
ENSG00000265763	ZNF488	-4.9	2.29E-05	zinc finger protein 488
ENSG00000101307	SIRPB1	-4.9	8.29E-10	signal regulatory protein beta 1
ENSG00000225173	-	-4.9	5.07E-05	novel transcript
ENSG00000274825	-	-4.9	4.13E-05	novel transcript
ENSG00000133710	SPINK5	-4.9	1.91E-95	serine peptidase inhibitor Kazal type 5
ENSG00000118513	MYB	-4.9	1.44E-44	MYB proto-oncogene 2C transcription factor
ENSG00000253414	LINC01605	-4.8	9.10E-05	long intergenic non-protein coding RNA 1605
ENSG00000248514	-	-4.8	0.0007694	novel transcript
ENSG00000057149	SERPINB3	-4.8	9.87E-64	serpin family B member 3
ENSG00000143839	REN	-4.8	8.42E-05	renin
ENSG00000254290	-	-4.8	7.26E-05	novel transcript
ENSG00000131650	KREMEN2	-4.8	1.21E-23	kringle containing transmembrane protein 2
ENSG00000265800	-	-4.7	0.0001966	novel transcript 2C sense intronic to HN1
ENSG00000273155	-	-4.7	0.0006594	novel LIPT1-MRPL30 readthrough
ENSG00000258711	-	-4.7	0.0006955	novel transcript

ENSG00000285427	SOD2-OT1	-4.7	5.95E-05	SOD2 overlapping transcript 1
ENSG00000272896	-	-4.7	0.0001645	novel protein
ENSG00000282012	-	-4.7	7.72E-09	novel transcript
ENSG00000181856	SLC2A4	-4.7	1.08E-08	solute carrier family 2 member 4
ENSG00000235281	-	-4.7	0.0005515	novel transcript
ENSG00000155918	RAET1L	-4.7	0.0004162	retinoic acid early transcript 1L
ENSG00000287812	-	-4.7	0.0003592	novel transcript
ENSG00000204021	LIPK	-4.6	0.0010862	lipase family member K
ENSG00000183914	DNAH2	-4.6	2.31E-73	dynein axonemal heavy chain 2
ENSG00000167600	CYP2S1	-4.6	8.57E-132	cytochrome P450 family 2 subfamily S member 1
ENSG00000198157	HMGNS5	-4.6	1.11E-145	high mobility group nucleosome binding domain 5
ENSG00000281133	-	-4.6	0.0006968	-
ENSG00000277170	-	-4.6	0.0003535	novel transcript 2C sense intronic with DNAJA3
ENSG00000100078	PLA2G3	-4.6	9.45E-05	phospholipase A2 group III
ENSG00000269534	-	-4.6	0.0009705	novel transcript 2C antisense to LIG1
ENSG00000128886	ELL3	-4.6	1.97E-12	elongation factor for RNA polymerase II 3
ENSG00000070915	SLC12A3	-4.6	2.18E-189	solute carrier family 12 member 3
ENSG00000271002	-	-4.5	0.0018508	ribosomal protein L11 (RPL11) pseudogene
ENSG00000132938	MTUS2	-4.5	2.70E-188	microtubule associated scaffold protein 2
ENSG00000143847	PPFIA4	-4.5	3.80E-06	PTPRF interacting protein alpha 4
ENSG00000011465	DCN	-4.5	5.86E-06	decorin
ENSG00000234949	-	-4.5	0.0017841	novel transcript 2C antisense to RAB17
ENSG00000124157	SEMG2	-4.5	0.0014214	semenogelin 2
ENSG00000231826	LINC01819	-4.5	0.0012905	long intergenic non-protein coding RNA 1819
ENSG00000124233	SEMG1	-4.5	2.32E-61	semenogelin 1
ENSG00000205755	CRLF2	-4.5	3.65E-15	cytokine receptor like factor 2
ENSG00000240583	AQP1	-4.5	0.0012121	aquaporin 1 (Colton blood group)
ENSG00000207751	-	-4.4	0.0025983	novel transcript
ENSG00000231131	LNCAROD	-4.4	0.0025983	lncRNA activating regulator of DKK1
ENSG00000282390	-	-4.4	0.0007698	novel transcript 2C sense intronic to ADARB2
ENSG00000196407	THEM5	-4.4	0.0026473	thioesterase superfamily member 5
ENSG00000198774	RASSF9	-4.4	1.23E-84	Ras association domain family member 9
ENSG00000260681	-	-4.4	0.0004163	novel transcript 2C antisense to TMC5
ENSG00000196668	LINC00173	-4.4	0.0004093	long intergenic non-protein coding RNA 173
ENSG00000110881	ASIC1	-4.4	9.01E-228	acid sensing ion channel subunit 1
ENSG00000149926	TLCD3B	-4.4	1.15E-09	TLC domain containing 3B
ENSG00000250073	-	-4.3	9.27E-09	novel transcript 2C antisense to ESAM
ENSG00000135472	FAIM2	-4.3	0.0008539	Fas apoptotic inhibitory molecule 2
ENSG00000288618	-	-4.3	0.0041896	novel transcript
ENSG00000152766	ANKRD22	-4.3	1.32E-26	ankyrin repeat domain 22
ENSG00000274422	-	-4.3	0.0010023	novel transcript
ENSG00000126217	MCF2L	-4.3	5.16E-21	MCF.2 cell line derived transforming sequence like
ENSG00000212391	-	-4.3	0.0039314	-
ENSG00000189057	FAM111B	-4.3	1.39E-100	FAM111 trypsin like peptidase B
ENSG00000187908	DMBT1	-4.3	3.17E-296	deleted in malignant brain tumors 1
ENSG00000283486	FAM95C	-4.2	8.54E-07	family with sequence similarity 95 member C

ENSG00000123838	C4BPA	-4.2	4.46E-199	complement component 4 binding protein alpha
ENSG00000253530	-	-4.2	0.0053507	novel transcript
ENSG00000270917	-	-4.2	0.0065674	chromatin assembly factor 1 2C subunit A (p150) (CHAF1A) pseudogene
ENSG00000234373	SNX18P7	-4.2	2.35E-09	sorting nexin 18 pseudogene 7
ENSG00000234707	SEC61G-DT	-4.2	2.21E-05	SEC61G divergent transcript
ENSG00000181409	AATK	-4.2	4.05E-138	apoptosis associated tyrosine kinase
ENSG00000171060	C8orf74	-4.2	0.0019573	chromosome 8 open reading frame 74
ENSG00000164188	RANBP3L	-4.2	0.011017	RAN binding protein 3 like
ENSG00000169583	CLIC3	-4.2	3.15E-87	chloride intracellular channel 3
ENSG00000267279	-	-4.2	0.0093756	novel transcript
ENSG00000114854	TNNC1	-4.2	2.36E-18	troponin C1 2C slow skeletal and cardiac type
ENSG00000188833	ENTPD8	-4.2	0.0048675	ectonucleoside triphosphate diphosphohydrolase 8
ENSG00000233760	-	-4.2	1.30E-08	novel transcript
ENSG00000158104	HPD	-4.2	5.62E-10	4-hydroxyphenylpyruvate dioxygenase
ENSG00000253773	C8orf37-AS1	-4.2	0.0047549	C8orf37 antisense RNA 1
ENSG00000174514	MFSD4A	-4.2	0.0040129	major facilitator superfamily domain containing 4A
ENSG00000183128	CALHM3	-4.2	0.0041614	calcium homeostasis modulator 3
ENSG00000269425	-	-4.2	0.001582	novel transcript 2C antisense to STAP2
ENSG00000246792	-	-4.1	0.0010274	novel transcript
ENSG00000014257	ACP3	-4.1	9.51E-17	acid phosphatase 3
ENSG00000276867	-	-4.1	0.0108475	novel transcript
ENSG00000143494	VASH2	-4.1	1.88E-10	vasohibin 2
ENSG00000245248	USP2-AS1	-4.1	6.21E-24	USP2 antisense RNA 1 (head to head)
ENSG00000260139	CSPG4P13	-4.1	0.0021687	chondroitin sulfate proteoglycan 4 pseudogene 13
ENSG00000168333	PPDPFL	-4.1	2.84E-13	pancreatic progenitor cell differentiation and proliferation factor like
ENSG00000179111	HES7	-4.1	3.78E-112	hes family bHLH transcription factor 7
ENSG00000132196	HSD17B7	-4.1	0	hydroxysteroid 17-beta dehydrogenase 7
ENSG00000218052	ADAMTS7P4	-4.1	0.0130318	ADAMTS7 pseudogene 4
ENSG00000228437	LINC02474	-4.1	0.0006904	long intergenic non-protein coding RNA 2474
ENSG00000260289	-	-4.1	1.77E-09	novel transcript
ENSG00000093009	CDC45	-4.1	1.72E-192	cell division cycle 45
ENSG00000174527	MYO1H	-4	0.0139025	myosin IH
ENSG00000149573	MPZL2	-4	0	myelin protein zero like 2
ENSG00000197467	COL13A1	-4	1.56E-53	collagen type XIII alpha 1 chain
ENSG00000166578	IQCD	-4	2.81E-11	IQ motif containing D
ENSG00000166321	NUDT13	-4	1.80E-27	nudix hydrolase 13
ENSG00000286467	-	-4	2.68E-112	novel transcript
ENSG00000181634	TNFSF15	-4	5.29E-49	TNF superfamily member 15
ENSG00000132437	DDC	-4	0.0023751	dopa decarboxylase
ENSG00000268941	LINC01711	-4	0.0097767	long intergenic non-protein coding RNA 1711
ENSG00000275591	XKR5	-4	0.0085704	XK related 5
ENSG00000274427	-	-4	0.0089484	novel transcript 2C sense intronic to RILPL1
ENSG00000272416	-	-4	0.0095308	novel transcript
ENSG00000156398	SFXN2	-3.9	3.16E-117	sideroflexin 2

ENSG00000225462	FDPSP1	-3.9	0.0392111	farnesyl diphosphate synthase pseudogene 1
ENSG00000243988	RPS24P17	-3.9	3.69E-08	ribosomal protein S24 pseudogene 17
ENSG00000280381	-	-3.9	0.0067886	novel transcript
ENSG00000286538	-	-3.9	0.0054914	novel transcript
ENSG00000261801	LOXL1-AS1	-3.9	5.59E-07	LOXL1 antisense RNA 1
ENSG00000134061	CD180	-3.9	0.0263677	CD180 molecule
ENSG00000221986	MYBPHL	-3.9	0.0157762	myosin binding protein H like
ENSG00000079435	LIPE	-3.9	0.0407186	lipase E 2C hormone sensitive type
ENSG00000242445	RPL7AP11	-3.9	0.0001504	ribosomal protein L7a pseudogene 11
ENSG00000271931	PNRC1-DT	-3.9	0.0265186	PNRC1 divergent transcript
ENSG00000157613	CREB3L1	-3.9	2.44E-26	cAMP responsive element binding protein 3 like 1
ENSG00000259659	-	-3.9	0.003857	novel transcript
ENSG00000267340	-	-3.9	0.0127979	ribosomal protein 2C large 2C P1 (RPLP1) pseudogene
ENSG00000175920	DOK7	-3.9	7.40E-05	docking protein 7
ENSG00000105255	FSD1	-3.9	7.14E-05	fibronectin type III and SPRY domain containing 1
ENSG00000214548	MEG3	-3.9	0.004011	maternally expressed 3
ENSG00000102048	ASB9	-3.9	7.61E-46	ankyrin repeat and SOCS box containing 9
ENSG00000180998	GPR137C	-3.9	2.05E-16	G protein-coupled receptor 137C
ENSG00000251611	FAM160A1-DT	-3.9	0.0018692	FAM160A1 divergent transcript
ENSG00000274677	-	-3.8	0.0031837	novel transcript 2C sense intronic to MBTPS1
ENSG00000115590	IL1R2	-3.8	0.004587	interleukin 1 receptor type 2
ENSG00000113140	SPARC	-3.8	7.48E-12	secreted protein acidic and cysteine rich
ENSG00000142619	PADI3	-3.8	0.0419979	peptidyl arginine deiminase 3
ENSG00000158769	F11R	-3.8	2.54E-170	F11 receptor
ENSG00000253395	-	-3.8	0.0072215	novel transcript
ENSG00000162068	NTN3	-3.8	1.11E-07	netrin 3
ENSG00000169884	WNT10B	-3.8	2.20E-63	Wnt family member 10B
ENSG00000120437	ACAT2	-3.8	0	acetyl-CoA acetyltransferase 2
ENSG00000223783	LINC01983	-3.8	4.32E-09	long intergenic non-protein coding RNA 1983
ENSG00000108405	P2RX1	-3.8	0.0132436	purinergic receptor P2X 1
ENSG00000254166	CASC19	-3.8	2.50E-133	cancer susceptibility 19
ENSG00000186115	CYP4F2	-3.8	0.0224171	cytochrome P450 family 4 subfamily F member 2
ENSG00000081138	CDH7	-3.8	0.0223092	cadherin 7
ENSG00000126878	AIF1L	-3.8	9.37E-291	allograft inflammatory factor 1 like
ENSG00000285625	-	-3.8	0.0082769	novel protein
ENSG00000175567	UCP2	-3.8	2.21E-185	uncoupling protein 2
ENSG00000115380	EFEMP1	-3.8	2.73E-204	EGF containing fibulin extracellular matrix protein 1
ENSG00000176890	TYMS	-3.8	5.92E-261	thymidylate synthetase
ENSG00000222489	SNORA79B	-3.8	0.0217996	small nucleolar RNA 2C H/ACA box 79B
ENSG00000089012	SIRPG	-3.8	1.94E-05	signal regulatory protein gamma
ENSG00000171236	LRG1	-3.8	9.15E-23	leucine rich alpha-2-glycoprotein 1
ENSG00000197046	SIGLEC15	-3.8	0.0389631	sialic acid binding Ig like lectin 15
ENSG00000214999	-	-3.8	0.0345504	novel transcript 2C antisense to ALOX12B
ENSG00000269959	SPACA6P-AS	-3.8	0.0001931	SPACA6P antisense RNA
ENSG00000137642	SORL1	-3.8	4.29E-14	sortilin related receptor 1
ENSG00000280426	-	-3.8	0.0104454	TEC

ENSG00000235162	C12orf75	-3.8	2.39E-196	chromosome 12 open reading frame 75
ENSG00000135414	GDF11	-3.8	1.36E-240	growth differentiation factor 11
ENSG00000109205	ODAM	-3.8	0.0216758	odontogenic 2C ameloblast associated
ENSG00000259341	-	-3.8	0.0001676	novel transcript
ENSG00000125731	SH2D3A	-3.8	1.17E-116	SH2 domain containing 3A
ENSG00000101489	CELF4	-3.8	0.010288	CUGBP Elav-like family member 4
ENSG00000106538	RARRES2	-3.7	5.45E-12	retinoic acid receptor responder 2
ENSG00000129195	PIMREG	-3.7	1.74E-81	PICALM interacting mitotic regulator
ENSG00000163687	DNASE1L3	-3.7	2.98E-07	deoxyribonuclease 1 like 3
ENSG00000221025	MIR1250	-3.7	0.0111422	microRNA 1250
ENSG00000230342	FANCD2P2	-3.7	0.0380759	FANCD2 pseudogene 2
ENSG00000267724	-	-3.7	0.0048283	novel transcript 2C antisense to HDHD2
ENSG00000173702	MUC13	-3.7	7.31E-73	mucin 13 2C cell surface associated
ENSG00000272583	-	-3.7	0.0003654	novel transcript
ENSG00000271937	-	-3.7	0.0327138	novel transcript 2C antisense to TCAIM
ENSG00000258303	-	-3.7	0.0282025	novel transcript
ENSG00000273300	-	-3.7	0.0002801	novel transcript 2C antisense to UFD1L
ENSG00000164796	CSMD3	-3.7	4.42E-18	CUB and Sushi multiple domains 3
ENSG00000188039	NWD1	-3.7	1.05E-49	NACHT and WD repeat domain containing 1
ENSG00000154553	PDLIM3	-3.7	0.0334531	PDZ and LIM domain 3
ENSG00000237595	LINC01275	-3.7	0.0121762	long intergenic non-protein coding RNA 1275
ENSG00000224728	IMPDH1P8	-3.7	0.0104457	inosine monophosphate dehydrogenase 1 pseudogene 8
ENSG00000235100	-	-3.7	0.0301708	novel transcript
ENSG00000278023	RDM1	-3.7	0.0034244	RAD52 motif containing 1
ENSG00000119969	HELLS	-3.7	5.25E-154	helicase 2C lymphoid specific
ENSG00000254595	-	-3.7	3.58E-05	voltage-dependent anion channel 1(VDAC1) pseudogene
ENSG00000076706	MCAM	-3.7	3.84E-163	melanoma cell adhesion molecule
ENSG00000204856	FAM216A	-3.7	1.07E-216	family with sequence similarity 216 member A
ENSG00000167580	AQP2	-3.7	0.0073434	aquaporin 2
ENSG00000029534	ANK1	-3.7	8.25E-21	ankyrin 1
ENSG00000272953	-	-3.6	0.0006538	novel transcript
ENSG00000198237	GUSBP13	-3.6	0.002133	GUSB pseudogene 13
ENSG00000158525	CPA5	-3.6	0.0457716	carboxypeptidase A5
ENSG00000237248	LINC00987	-3.6	2.57E-18	long intergenic non-protein coding RNA 987
ENSG00000220875	H3C9P	-3.6	0.0140065	H3 clustered histone 9 2C pseudogene
ENSG00000117632	STMN1	-3.6	1.18E-226	stathmin 1
ENSG00000260668	-	-3.6	0.0159962	emopamil binding protein-like (EBPL) pseudogene
ENSG00000171462	DLK2	-3.6	7.14E-11	delta like non-canonical Notch ligand 2
ENSG00000179477	ALOX12B	-3.6	7.92E-18	arachidonate 12-lipoxygenase 2C 12R type
ENSG00000270332	SMC2-DT	-3.6	4.75E-05	SMC2 divergent transcript
ENSG00000164362	TERT	-3.6	0.006726	telomerase reverse transcriptase
ENSG00000281189	GHET1	-3.6	0.0417148	gastric carcinoma proliferation enhancing transcript 1
ENSG00000203327	-	-3.6	0.0100309	novel transcript
ENSG00000130600	H19	-3.6	3.41E-12	H19 imprinted maternally expressed transcript
ENSG00000105141	CASP14	-3.6	2.29E-29	caspase 14
ENSG00000273045	C2orf15	-3.6	9.40E-40	chromosome 2 open reading frame 15

ENSG00000235990	RPL23AP20	-3.6	0.0425216	ribosomal protein L23a pseudogene 20
ENSG00000243478	AOX2P	-3.6	0.0425216	aldehyde oxidase 2 2C pseudogene
ENSG00000154556	SORBS2	-3.6	0.0114133	sorbin and SH3 domain containing 2
ENSG00000130005	GAMT	-3.6	3.78E-160	guanidinoacetate N-methyltransferase
ENSG00000115194	SLC30A3	-3.6	2.04E-10	solute carrier family 30 member 3
ENSG00000221241	SNORD88A	-3.6	0.010139	small nucleolar RNA 2C C/D box 88A
ENSG00000239474	KLHL41	-3.6	0.0354155	kelch like family member 41
ENSG00000164120	HPGD	-3.6	3.57E-16	15-hydroxyprostaglandin dehydrogenase
ENSG00000005448	WDR54	-3.5	9.93E-87	WD repeat domain 54
ENSG00000127954	STEAP4	-3.5	0.0018896	STEAP4 metalloredutase
ENSG00000166963	MAP1A	-3.5	7.14E-08	microtubule associated protein 1A
ENSG00000273760	-	-3.5	1.15E-12	novel transcript
ENSG00000109084	TMEM97	-3.5	0	transmembrane protein 97
ENSG00000186603	HPDL	-3.5	7.39E-110	4-hydroxyphenylpyruvate dioxygenase like
ENSG00000141968	VAV1	-3.5	1.24E-05	vav guanine nucleotide exchange factor 1
ENSG00000146205	ANO7	-3.5	0.0009163	anoctamin 7
ENSG00000171408	PDE7B	-3.5	1.54E-40	phosphodiesterase 7B
ENSG00000204362	LINC02783	-3.5	0.0011491	long intergenic non-protein coding RNA 2783
ENSG00000136542	GALNT5	-3.5	0.0159542	polypeptide N-acetylgalactosaminyltransferase 5
ENSG00000276757	RN7SL192P	-3.5	0.0457647	RNA 2C 7SL 2C cytoplasmic 192 2C pseudogene
ENSG00000283167	-	-3.5	0.0457647	novel pseudogene 2C similar to zonadhesin (Zan)
ENSG00000196118	CCDC189	-3.5	1.89E-84	coiled-coil domain containing 189
ENSG00000216775	-	-3.5	0.0007542	heterogeneous nuclear ribonucleoprotein A/B (HNRNPAB) pseudogene
ENSG00000229983	-	-3.5	0.0147834	novel transcript
ENSG00000114547	ROPN1B	-3.5	0.0442811	rhophilin associated tail protein 1B
ENSG00000234460	-	-3.5	0.0139879	cathepsin L (CTSL) pseudogene
ENSG00000261557	EEF1A1P38	-3.5	0.0137569	eukaryotic translation elongation factor 1 alpha 1 pseudogene 38
ENSG00000274090	-	-3.5	0.0160737	novel transcript
ENSG00000236305	SLC12A9-AS1	-3.4	0.0018855	SLC12A9 antisense RNA 1
ENSG00000287332	-	-3.4	0.000269	novel transcript
ENSG00000137404	NRM	-3.4	1.75E-66	nurim
ENSG00000167900	TK1	-3.4	1.41E-83	thymidine kinase 1
ENSG00000227598	-	-3.4	0.026495	novel transcript
ENSG00000041515	MYO16	-3.4	0.0001683	myosin XVI
ENSG00000100162	CENPM	-3.4	5.32E-80	centromere protein M
ENSG00000124102	PI3	-3.4	3.67E-171	peptidase inhibitor 3
ENSG00000159708	LRRC36	-3.4	0.0299576	leucine rich repeat containing 36
ENSG00000267595	BRCA1P1	-3.4	0.0121209	BRCA1 pseudogene 1
ENSG00000002587	HS3ST1	-3.4	7.34E-46	heparan sulfate-glucosamine 3-sulfotransferase 1
ENSG00000160182	TFF1	-3.4	3.06E-118	trefoil factor 1
ENSG00000197614	MFAP5	-3.4	0	microfibril associated protein 5
ENSG00000198574	SH2D1B	-3.4	1.32E-10	SH2 domain containing 1B
ENSG00000135976	ANKRD36	-3.4	2.91E-28	ankyrin repeat domain 36
ENSG00000286830	-	-3.4	0.0244404	novel transcript

ENSG00000254911	SCARNA9	-3.4	0.0128582	small Cajal body-specific RNA 9
ENSG00000087245	MMP2	-3.4	0.0013278	matrix metalloproteinase 2
ENSG00000236137	-	-3.4	2.18E-06	novel transcript
ENSG00000162618	ADGRL4	-3.4	0.0101055	adhesion G protein-coupled receptor L4
ENSG00000284634	-	-3.4	2.02E-05	novel transcript
ENSG00000186940	CHCHD2P9	-3.4	0.0193556	coiled-coil-helix-coiled-coil-helix domain containing 2 pseudogene 9
ENSG00000132688	NES	-3.4	5.97E-56	nestin
ENSG00000276170	-	-3.4	6.69E-106	novel transcript 2C antisense to ARHGAP23
ENSG00000274080	-	-3.4	0.019714	novel transcript
ENSG00000129354	AP1M2	-3.4	3.76E-154	adaptor related protein complex 1 subunit mu 2
ENSG00000164530	PI16	-3.4	9.55E-06	peptidase inhibitor 16
ENSG00000213958	KRT18P29	-3.4	0.0090038	keratin 18 pseudogene 29
ENSG00000258130	-	-3.3	7.66E-05	coiled-coil domain containing 101 (CCDC101) pseudogene
ENSG00000223935	LGALS1-DT	-3.3	0.0413202	LGALS1 divergent transcript
ENSG00000246334	PRR7-AS1	-3.3	4.94E-21	PRR7 antisense RNA 1
ENSG00000138152	BTBD16	-3.3	0.0182052	BTB domain containing 16
ENSG00000255650	FAM222A-AS1	-3.3	2.32E-17	FAM222A antisense RNA 1
ENSG00000248473	LINC01962	-3.3	7.15E-05	long intergenic non-protein coding RNA 1962
ENSG00000212371	-	-3.3	0.0486517	-
ENSG00000149596	JPH2	-3.3	2.24E-51	junctophilin 2
ENSG00000186871	ERCC6L	-3.3	4.98E-23	ERCC excision repair 6 like 2C spindle assembly checkpoint helicase
ENSG00000279555	-	-3.3	0.0141284	TEC
ENSG00000265112	MIR3153	-3.3	0.0183464	microRNA 3153
ENSG00000274976	-	-3.3	0.0281454	novel transcript 2C sense intronic to PKP2
ENSG00000198056	PRIM1	-3.3	4.30E-177	DNA primase subunit 1
ENSG00000187017	ESPN	-3.3	8.15E-18	espin
ENSG00000160181	TFF2	-3.3	4.85E-132	trefoil factor 2
ENSG00000239415	-	-3.3	0.0136689	novel transcript 2C antisense to MCM3APAS
ENSG00000196950	SLC39A10	-3.3	3.01E-101	solute carrier family 39 member 10
ENSG00000283930	PLD5P1	-3.2	0.0264418	PLD5 pseudogene 1
ENSG00000277423	-	-3.2	0.0007688	novel transcript
ENSG00000108551	RASD1	-3.2	1.06E-34	ras related dexamethasone induced 1
ENSG00000214274	ANG	-3.2	4.61E-39	angiogenin
ENSG00000138835	RGS3	-3.2	7.74E-51	regulator of G protein signaling 3
ENSG00000156463	SH3RF2	-3.2	4.63E-120	SH3 domain containing ring finger 2
ENSG00000266289	-	-3.2	0.0482654	novel transcript
ENSG00000144810	COL8A1	-3.2	2.20E-33	collagen type VIII alpha 1 chain
ENSG00000280032	-	-3.2	0.0001885	TEC
ENSG00000167771	RCOR2	-3.2	1.62E-08	REST corepressor 2
ENSG00000261949	GFY	-3.2	0.0053004	golgi associated olfactory signaling regulator
ENSG00000226562	CYP4F26P	-3.2	3.21E-22	cytochrome P450 family 4 subfamily F member 26 2C pseudogene
ENSG00000262202	-	-3.2	0.0461687	novel transcript
ENSG00000143412	ANXA9	-3.2	9.77E-29	annexin A9
ENSG00000160752	FDPS	-3.2	2.00E-158	farnesyl diphosphate synthase

ENSG00000144339	TMEFF2	-3.2	0.0499829	transmembrane protein with EGF like and two follistatin like domains 2
ENSG00000237429	-	-3.2	2.32E-05	novel transcript
ENSG00000167799	NUDT8	-3.2	7.73E-59	nudix hydrolase 8
ENSG00000168491	CCDC110	-3.2	0.0002515	coiled-coil domain containing 110
ENSG00000117266	CDK18	-3.2	9.67E-83	cyclin dependent kinase 18
ENSG00000179750	APOBEC3B	-3.2	1.32E-48	apolipoprotein B mRNA editing enzyme catalytic subunit 3B
ENSG00000220157	HNRNPA1P12	-3.2	0.0368072	heterogeneous nuclear ribonucleoprotein A1 pseudogene 12
ENSG00000179674	ARL14	-3.2	0.0009023	ADP ribosylation factor like GTPase 14
ENSG00000279384	-	-3.2	0.0057785	TEC
ENSG00000175874	CREG2	-3.2	9.86E-152	cellular repressor of E1A stimulated genes 2
ENSG00000176438	SYNE3	-3.2	6.31E-46	spectrin repeat containing nuclear envelope family member 3
ENSG00000135723	FHOD1	-3.2	6.42E-96	formin homology 2 domain containing 1
ENSG00000140451	PIF1	-3.2	6.66E-45	PIF1 5'-to-3' DNA helicase
ENSG00000228716	DHFR	-3.2	1.79E-219	dihydrofolate reductase
ENSG00000106268	NUDT1	-3.2	7.33E-65	nudix hydrolase 1
ENSG00000223922	ASS1P2	-3.2	0.0352845	argininosuccinate synthetase 1 pseudogene 2
ENSG00000262904	TMPOP2	-3.2	0.0004518	thymopoietin pseudogene 2
ENSG00000150783	TEX12	-3.2	0.0163114	testis expressed 12
ENSG00000266983	RANBP3-DT	-3.1	3.28E-10	RANBP3 divergent transcript
ENSG00000102384	CENPI	-3.1	9.03E-81	centromere protein I
ENSG00000256813	-	-3.1	0.0020688	novel transcript
ENSG00000101276	SLC52A3	-3.1	2.22E-16	solute carrier family 52 member 3
ENSG00000153246	PLA2R1	-3.1	3.68E-18	phospholipase A2 receptor 1
ENSG00000259209	-	-3.1	0.0058914	novel transcript 2C antisense to ZFH3
ENSG00000254872	LINC02688	-3.1	1.58E-34	long intergenic non-protein coding RNA 2688
ENSG00000147155	EBP	-3.1	4.41E-117	EBP cholesterol delta-isomerase
ENSG00000106178	CCL24	-3.1	0.0002322	C-C motif chemokine ligand 24
ENSG00000186897	CIQL4	-3.1	0.000139	complement C1q like 4
ENSG00000130762	ARHGEF16	-3.1	1.00E-89	Rho guanine nucleotide exchange factor 16
ENSG00000121769	FABP3	-3.1	9.55E-10	fatty acid binding protein 3
ENSG00000225969	ABHD11-AS1	-3.1	0.0064127	ABHD11 antisense RNA 1 (tail to tail)
ENSG00000235508	RPS2P7	-3.1	0.025461	ribosomal protein S2 pseudogene 7
ENSG00000281332	LINC00997	-3.1	1.55E-05	long intergenic non-protein coding RNA 997
ENSG00000187688	TRPV2	-3.1	2.48E-10	transient receptor potential cation channel subfamily V member 2
ENSG00000062822	POLD1	-3.1	2.56E-138	DNA polymerase delta 1 2C catalytic subunit
ENSG00000253616	-	-3.1	1.37E-19	novel transcript
ENSG00000161981	SNRNP25	-3.1	2.05E-68	small nuclear ribonucleoprotein U11/U12 subunit 25
ENSG00000171126	KCNG3	-3.1	0.0313617	potassium voltage-gated channel modifier subfamily G member 3
ENSG00000251169	LINC01843	-3.1	0.0059544	long intergenic non-protein coding RNA 1843
ENSG00000112984	KIF20A	-3.1	5.32E-198	kinesin family member 20A
ENSG00000128298	BAIAP2L2	-3.1	2.12E-14	BAR/IMD domain containing adaptor protein 2 like 2
ENSG00000100526	CDKN3	-3.1	4.46E-63	cyclin dependent kinase inhibitor 3
ENSG00000140534	TICRR	-3.1	5.37E-114	TOPBP1 interacting checkpoint and replication regulator
ENSG00000138182	KIF20B	-3.1	1.63E-19	kinesin family member 20B

ENSG00000139219	COL2A1	-3.1	0.0050393	collagen type II alpha 1 chain
ENSG00000204228	HSD17B8	-3.1	4.46E-41	hydroxysteroid 17-beta dehydrogenase 8
ENSG00000272510	-	-3.1	0.0001608	novel transcript 2C antisense to DNAJC16
ENSG00000133636	NTS	-3.1	0.0265784	neurotensin
ENSG00000273063	-	-3.1	0.0260813	novel transcript
ENSG00000225855	RUSC1-AS1	-3.1	5.03E-48	RUSC1 antisense RNA 1
ENSG00000231993	EP300-AS1	-3.1	2.45E-07	EP300 antisense RNA 1
ENSG00000172260	NEGR1	-3.1	5.78E-36	neuronal growth regulator 1
ENSG00000066279	ASPM	-3.1	9.14E-52	assembly factor for spindle microtubules
ENSG00000198758	EPS8L3	-3.1	1.39E-08	EPS8 like 3
ENSG00000255847	-	-3.1	5.56E-12	novel transcript
ENSG00000105486	LIG1	-3.1	2.51E-257	DNA ligase 1
ENSG00000281706	LINC01012	-3.1	3.01E-11	long intergenic non-protein coding RNA 1012
ENSG00000085999	RAD54L	-3.1	1.26E-70	RAD54 like
ENSG00000186314	PRELID2	-3.1	1.29E-37	PRELI domain containing 2
ENSG00000231738	TSPAN19	-3.1	6.68E-50	tetraspanin 19
ENSG00000282418	-	-3.1	0.0269111	novel transcript
ENSG00000226472	-	-3	0.0004475	tetraspanin family pseudogene
ENSG00000284946	-	-3	5.92E-34	novel protein
ENSG00000245293	CYP2U1-AS1	-3	4.00E-05	CYP2U1 and SGMS2 antisense RNA 1
ENSG00000251596	HADHAP1	-3	0.0104296	HADHA pseudogene 1
ENSG00000213942	-	-3	0.0087516	ribosomal protein L31 (RPL31) pseudogene
ENSG00000256013	-	-3	0.0024111	novel transcript 2C antisense to EMP2
ENSG00000105289	TJP3	-3	2.13E-67	tight junction protein 3
ENSG00000181418	DDN	-3	7.48E-116	dendrin
ENSG00000228137	-	-3	3.32E-07	novel transcript
ENSG00000119326	CTNNAL1	-3	2.79E-188	catenin alpha like 1
ENSG00000278389	-	-3	0.0018272	novel transcript
ENSG00000162636	FAM102B	-3	1.38E-76	family with sequence similarity 102 member B
ENSG00000259006	-	-3	0.0387369	novel transcript 2C antisense to MC1R
ENSG00000137880	GCHFR	-3	6.06E-96	GTP cyclohydrolase I feedback regulator
ENSG00000182809	CRIP2	-3	6.64E-23	cysteine rich protein 2
ENSG00000172893	DHCR7	-3	3.12E-165	7-dehydrocholesterol reductase
ENSG00000123080	CDKN2C	-3	3.08E-111	cyclin dependent kinase inhibitor 2C
ENSG00000144821	MYH15	-3	0.0014881	myosin heavy chain 15
ENSG00000196912	ANKRD36B	-3	1.56E-13	ankyrin repeat domain 36B
ENSG00000100479	POLE2	-3	2.14E-83	DNA polymerase epsilon 2 2C accessory subunit
ENSG00000260213	CENPN-AS1	-3	0.0012589	CENPN antisense RNA 1
ENSG00000212766	EWSAT1	-3	5.79E-25	Ewing sarcoma associated transcript 1
ENSG00000138778	CENPE	-3	9.61E-26	centromere protein E
ENSG00000102271	KLHL4	-3	5.23E-08	kelch like family member 4
ENSG00000281398	SNHG4	-3	3.98E-84	small nucleolar RNA host gene 4
ENSG00000126895	AVPR2	-3	5.67E-09	arginine vasopressin receptor 2
ENSG00000280327	-	-3	0.0014066	tec
ENSG00000197415	VEPH1	-2.9	1.85E-13	ventricular zone expressed PH domain containing 1
ENSG00000223466	LINC01825	-2.9	3.49E-10	long intergenic non-protein coding RNA 1825

ENSG00000276672	-	-2.9	5.01E-17	novel transcript 2C sense intronic to RFC3
ENSG00000006576	PHTF2	-2.9	3.64E-101	putative homeodomain transcription factor 2
ENSG00000173237	C11orf86	-2.9	1.20E-92	chromosome 11 open reading frame 86
ENSG00000136982	DSCC1	-2.9	5.66E-122	DNA replication and sister chromatid cohesion 1
ENSG00000171817	ZNF540	-2.9	4.95E-05	zinc finger protein 540
ENSG00000112414	ADGRG6	-2.9	4.89E-95	adhesion G protein-coupled receptor G6
ENSG00000152078	TLCD4	-2.9	4.27E-46	TLC domain containing 4
ENSG00000251095	-	-2.9	6.76E-11	novel transcript
ENSG00000180071	ANKRD18A	-2.9	4.23E-06	ankyrin repeat domain 18A
ENSG00000079393	DUSP13	-2.9	1.67E-05	dual specificity phosphatase 13
ENSG00000185347	TEDC1	-2.9	1.24E-55	tubulin epsilon and delta complex 1
ENSG00000125454	SLC25A19	-2.9	3.17E-84	solute carrier family 25 member 19
ENSG00000278879	-	-2.9	0.0145931	TEC
ENSG00000163913	IFT122	-2.9	4.41E-91	intraflagellar transport 122
ENSG00000286444	-	-2.9	0.0152815	novel transcript 2C antisense to APMAP
ENSG00000005102	MEOX1	-2.9	1.94E-12	mesenchyme homeobox 1
ENSG00000258199	-	-2.9	0.047599	novel transcript 2C sense overlapping to SMARCC2
ENSG00000271996	-	-2.9	0.0437858	novel transcript 2C antisense to NFE2L2
ENSG00000111732	AICDA	-2.9	0.0112728	activation induced cytidine deaminase
ENSG00000287625	-	-2.9	3.97E-06	novel transcript
ENSG00000180537	RNF182	-2.9	1.92E-209	ring finger protein 182
ENSG00000241741	RPL7AP30	-2.9	6.34E-20	ribosomal protein L7a pseudogene 30
ENSG00000235559	NOP56P1	-2.9	0.0415966	NOP56 ribonucleoprotein pseudogene 1
ENSG00000133640	LRRIQ1	-2.9	6.09E-11	leucine rich repeats and IQ motif containing 1
ENSG00000113231	PDE8B	-2.9	6.79E-33	phosphodiesterase 8B
ENSG00000186487	MYT1L	-2.9	9.25E-06	myelin transcription factor 1 like
ENSG00000179913	B3GNT3	-2.9	4.97E-95	UDP-GlcNAc:betaGal beta-1 2C3-N-acetylglucosaminyltransferase 3
ENSG00000159958	TNFRSF13C	-2.9	8.35E-09	TNF receptor superfamily member 13C
ENSG00000172731	LRRC20	-2.9	1.60E-51	leucine rich repeat containing 20
ENSG00000104549	SQLE	-2.9	2.93E-234	squalene epoxidase
ENSG00000279347	-	-2.9	0.0001895	TEC
ENSG00000178035	IMPDH2	-2.9	3.58E-90	inosine monophosphate dehydrogenase 2
ENSG00000274964	-	-2.9	4.16E-07	novel transcript 2C sense intronic to BICD1
ENSG00000221829	FANCG	-2.9	1.06E-78	FA complementation group G
ENSG00000244184	-	-2.9	0.0110234	novel transcript
ENSG00000255118	-	-2.9	0.0099939	novel transcript
ENSG00000134545	KLRC1	-2.9	0.000957	killer cell lectin like receptor C1
ENSG00000105649	RAB3A	-2.9	1.34E-10	RAB3A 2C member RAS oncogene family
ENSG00000116983	HPCAL4	-2.9	0.0447994	hippocalcin like 4
ENSG00000166803	PCLAF	-2.9	3.12E-135	PCNA clamp associated factor
ENSG00000016402	IL20RA	-2.8	6.43E-20	interleukin 20 receptor subunit alpha
ENSG00000189143	CLDN4	-2.8	3.96E-77	claudin 4
ENSG00000229388	LINC01715	-2.8	0.0170863	long intergenic non-protein coding RNA 1715
ENSG00000116711	PLA2G4A	-2.8	1.01E-109	phospholipase A2 group IVA
ENSG00000163633	C4orf36	-2.8	0.0230701	chromosome 4 open reading frame 36

ENSG00000162390	ACOT11	-2.8	6.39E-15	acyl-CoA thioesterase 11
ENSG00000279425	-	-2.8	0.0167842	TEC
ENSG00000276850	-	-2.8	3.97E-22	novel transcript
ENSG00000227039	ITGB2-AS1	-2.8	0.0001343	ITGB2 antisense RNA 1
ENSG00000232504	ST3GAL5-AS1	-2.8	0.0068977	ST3GAL5 antisense RNA 1 (head to head)
ENSG00000138650	PCDH10	-2.8	1.98E-22	protocadherin 10
ENSG00000276368	H2AC14	-2.8	0.0179052	H2A clustered histone 14
ENSG00000111077	TNS2	-2.8	6.31E-95	tensin 2
ENSG00000137843	PAK6	-2.8	0.0060277	p21 (RAC1) activated kinase 6
ENSG00000215158	-	-2.8	2.41E-11	Putative beta-glucuronidase-like protein FLJ75287 pseudogene
ENSG00000232931	LINC00342	-2.8	2.51E-14	long intergenic non-protein coding RNA 342
ENSG00000083807	SLC27A5	-2.8	3.98E-84	solute carrier family 27 member 5
ENSG00000234432	-	-2.8	0.0054029	novel transcript
ENSG00000260060	-	-2.8	0.0012433	novel transcript 2C antisense to PYCARD
ENSG00000169684	CHRNA5	-2.8	5.65E-104	cholinergic receptor nicotinic alpha 5 subunit
ENSG00000161888	SPC24	-2.8	3.70E-76	SPC24 component of NDC80 kinetochore complex
ENSG00000095303	PTGS1	-2.8	2.16E-75	prostaglandin-endoperoxide synthase 1
ENSG00000155066	PROM2	-2.8	0.00537	prominin 2
ENSG00000255508	-	-2.8	1.84E-61	novel protein
ENSG00000286010	-	-2.8	1.02E-16	novel transcript
ENSG00000286161	-	-2.8	0.0172158	novel transcript
ENSG00000165795	NDRG2	-2.8	1.59E-39	NDRG family member 2
ENSG00000256879	-	-2.8	2.40E-05	novel transcript
ENSG00000273102	-	-2.8	0.0015085	novel transcript
ENSG00000137841	PLCB2	-2.8	8.60E-13	phospholipase C beta 2
ENSG00000110318	CEP126	-2.8	5.12E-08	centrosomal protein 126
ENSG00000108852	MPP2	-2.8	5.52E-59	membrane palmitoylated protein 2
ENSG00000057294	PKP2	-2.8	1.48E-133	plakophilin 2
ENSG00000261266	-	-2.8	0.0017509	novel transcript
ENSG00000243830	-	-2.8	0.0165316	ribosomal protein L15 (RPL15) pseudogene
ENSG00000117399	CDC20	-2.8	6.77E-73	cell division cycle 20
ENSG00000169710	FASN	-2.8	1.78E-91	fatty acid synthase
ENSG00000160606	TLCD1	-2.8	3.95E-70	TLC domain containing 1
ENSG00000164976	MYORG	-2.8	6.67E-102	myogenesis regulating glycosidase (putative)
ENSG00000172000	ZNF556	-2.8	1.18E-27	zinc finger protein 556
ENSG00000113119	TMCO6	-2.8	1.90E-37	transmembrane and coiled-coil domains 6
ENSG00000073350	LLGL2	-2.7	2.19E-108	LLGL scribble cell polarity complex component 2
ENSG00000121152	NCAPH	-2.7	2.43E-143	non-SMC condensin I complex subunit H
ENSG00000006071	ABCC8	-2.7	3.52E-08	ATP binding cassette subfamily C member 8
ENSG00000266642	-	-2.7	0.008802	novel transcript 2C antisense to DHRS13
ENSG00000111665	CDCA3	-2.7	4.50E-125	cell division cycle associated 3
ENSG00000143919	CAMKMT	-2.7	1.07E-70	calmodulin-lysine N-methyltransferase
ENSG00000075218	GTSE1	-2.7	3.48E-147	G2 and S-phase expressed 1
ENSG00000285043	-	-2.7	5.40E-40	novel protein
ENSG00000053918	KCNQ1	-2.7	1.27E-07	potassium voltage-gated channel subfamily Q member 1

ENSG00000281566	-	-2.7	4.79E-20	novel transcript
ENSG00000138400	MDH1B	-2.7	0.0112349	malate dehydrogenase 1B
ENSG00000228008	-	-2.7	0.0403755	novel transcript 2C antisense to MON1A
ENSG00000257167	TMPO-AS1	-2.7	1.30E-87	TMPO antisense RNA 1
ENSG00000144354	CDCA7	-2.7	8.75E-106	cell division cycle associated 7
ENSG00000226009	KCNIP2-AS1	-2.7	0.0001372	KCNIP2 antisense RNA 1
ENSG00000065057	NTHL1	-2.7	4.82E-59	nth like DNA glycosylase 1
ENSG00000126803	HSPA2	-2.7	3.79E-06	heat shock protein family A (Hsp70) member 2
ENSG00000096092	TMEM14A	-2.7	4.73E-80	transmembrane protein 14A
ENSG00000106327	TFR2	-2.7	1.93E-72	transferrin receptor 2
ENSG00000213853	EMP2	-2.7	0	epithelial membrane protein 2
ENSG00000276216	-	-2.7	0.033936	novel transcript
ENSG00000108821	COL1A1	-2.7	1.44E-103	collagen type I alpha 1 chain
ENSG00000170522	ELOVL6	-2.7	6.40E-125	ELOVL fatty acid elongase 6
ENSG00000271503	CCL5	-2.7	1.65E-51	C-C motif chemokine ligand 5
ENSG00000232335	-	-2.7	0.0008912	novel transcript
ENSG00000100116	GCAT	-2.7	2.55E-41	glycine C-acetyltransferase
ENSG00000272599	-	-2.7	1.64E-07	novel transcript to NUDT13
ENSG00000214870	-	-2.7	0.0004049	novel transcript
ENSG00000230453	ANKRD18B	-2.7	1.35E-09	ankyrin repeat domain 18B
ENSG00000215210	RBMXP2	-2.7	0.0162976	RBMX pseudogene 2
ENSG00000178568	ERBB4	-2.7	3.28E-13	erb-b2 receptor tyrosine kinase 4
ENSG00000151575	TEX9	-2.7	6.19E-20	testis expressed 9
ENSG00000248668	OXCT1-AS1	-2.7	0.0003598	OXCT1 antisense RNA 1
ENSG00000238266	LINC00707	-2.7	5.95E-34	long intergenic non-protein coding RNA 707
ENSG00000030419	IKZF2	-2.7	1.03E-22	IKAROS family zinc finger 2
ENSG00000174501	ANKRD36C	-2.7	5.95E-10	ankyrin repeat domain 36C
ENSG00000225218	-	-2.7	2.33E-05	novel transcript
ENSG00000143799	PARP1	-2.7	4.08E-187	poly(ADP-ribose) polymerase 1
ENSG00000100344	PNPLA3	-2.7	8.18E-54	patatin like phospholipase domain containing 3
ENSG00000271367	-	-2.7	0.000649	novel transcript
ENSG00000131747	TOP2A	-2.7	6.66E-86	DNA topoisomerase II alpha
ENSG00000079459	FDFT1	-2.7	1.49E-139	farnesyl-diphosphate farnesyltransferase 1
ENSG00000184709	LRRC26	-2.7	1.25E-27	leucine rich repeat containing 26
ENSG00000164251	F2RL1	-2.7	3.86E-05	F2R like trypsin receptor 1
ENSG00000159674	SPON2	-2.7	6.52E-08	spondin 2
ENSG00000099251	HSD17B7P2	-2.7	3.52E-05	hydroxysteroid 17-beta dehydrogenase 7 pseudogene 2
ENSG00000271871	-	-2.7	0.0015322	novel transcript 2C antisense to PCDH12
ENSG00000006025	OSBPL7	-2.7	3.61E-27	oxysterol binding protein like 7
ENSG00000166974	MAPRE2	-2.7	1.91E-142	microtubule associated protein RP/EB family member 2
ENSG00000070526	ST6GALNAC1	-2.7	5.38E-94	ST6 N-acetylgalactosaminide alpha-2 C6-sialyltransferase 1
ENSG00000228501	RPL15P18	-2.7	0.026554	ribosomal protein L15 pseudogene 18
ENSG00000226950	DANCR	-2.7	1.18E-113	differentiation antagonizing non-protein coding RNA
ENSG00000288656	-	-2.7	0.0077222	novel protein
ENSG00000105011	ASF1B	-2.6	2.99E-66	anti-silencing function 1B histone chaperone
ENSG00000108578	BLMH	-2.6	4.11E-143	bleomycin hydrolase

ENSG00000186815	TPCN1	-2.6	8.89E-104	two pore segment channel 1
ENSG00000258620	-	-2.6	8.36E-10	novel transcript 2C intronic to WDR25
ENSG00000254285	KRT8P3	-2.6	0.000285	keratin 8 pseudogene 3
ENSG00000288649	ACTL10	-2.6	2.00E-16	actin like 10
ENSG00000266278	LINC01910	-2.6	8.75E-05	long intergenic non-protein coding RNA 1910
ENSG00000255008	LINC02739	-2.6	0.0016693	long intergenic non-protein coding RNA 2739
ENSG00000007264	MATK	-2.6	6.82E-93	megakaryocyte-associated tyrosine kinase
ENSG00000100629	CEP128	-2.6	2.73E-23	centrosomal protein 128
ENSG00000136261	BZW2	-2.6	9.98E-202	basic leucine zipper and W2 domains 2
ENSG00000003987	MTMR7	-2.6	0.003137	myotubularin related protein 7
ENSG00000149823	VPS51	-2.6	1.78E-86	VPS51 subunit of GARP complex
ENSG00000270133	-	-2.6	0.0025031	novel transcript 2C sense intronic to C5orf36
ENSG00000286311	-	-2.6	0.0047742	novel transcript 2C antisense to NOL4L
ENSG00000228950	-	-2.6	0.0197681	novel transcript
ENSG00000124429	POF1B	-2.6	1.09E-07	POF1B actin binding protein
ENSG00000138172	CALHM2	-2.6	4.01E-12	calcium homeostasis modulator family member 2
ENSG00000100297	MCM5	-2.6	2.74E-50	minichromosome maintenance complex component 5
ENSG00000188985	DHFRP1	-2.6	3.81E-49	dihydrofolate reductase pseudogene 1
ENSG00000251503	CENPS-CORT	-2.6	0.0047609	CENPS-CORT readthrough
ENSG00000158486	DNAH3	-2.6	0.0012115	dynein axonemal heavy chain 3
ENSG00000145882	PCYOX1L	-2.6	9.85E-21	prenylcysteine oxidase 1 like
ENSG00000122966	CIT	-2.6	5.06E-137	citron rho-interacting serine/threonine kinase
ENSG00000228021	-	-2.6	3.50E-05	novel transcript
ENSG00000283674	-	-2.6	0.0011729	novel transcript
ENSG00000167525	PROCA1	-2.6	6.31E-16	protein interacting with cyclin A1
ENSG00000182010	RTKN2	-2.6	3.01E-13	rhotekin 2
ENSG00000249375	CASC11	-2.6	3.27E-13	cancer susceptibility 11
ENSG00000075702	WDR62	-2.6	2.45E-60	WD repeat domain 62
ENSG00000227373	RABGAP1L-DT	-2.6	0.0002194	RABGAP1L divergent transcript
ENSG00000117472	TSPAN1	-2.6	1.05E-80	tetraspanin 1
ENSG00000253978	CTB-178M22.2	-2.6	0.0250692	uncharacterized LOC101927862
ENSG00000127084	FGD3	-2.6	1.89E-11	FYVE 2C RhoGEF and PH domain containing 3
ENSG00000251411	-	-2.6	5.97E-05	actin related protein 2/3 complex 2C subunit 1A 2C 41kDa (ARPC1A) pseudogene
ENSG00000287750	-	-2.6	0.0177918	novel transcript
ENSG00000164070	HSPA4L	-2.6	3.44E-97	heat shock protein family A (Hsp70) member 4 like
ENSG00000119333	DYNC2I2	-2.6	2.63E-61	dynein 2 intermediate chain 2
ENSG00000162004	CCDC78	-2.6	1.87E-16	coiled-coil domain containing 78
ENSG00000171246	NPTX1	-2.6	2.60E-80	neuronal pentraxin 1
ENSG00000148773	MKI67	-2.6	2.81E-49	marker of proliferation Ki-67
ENSG00000272473	-	-2.6	9.57E-21	novel transcript
ENSG00000261773	-	-2.5	0.0003477	novel transcript 2C overlapping to FAM3A
ENSG00000186377	CYP4X1	-2.5	4.09E-52	cytochrome P450 family 4 subfamily X member 1
ENSG00000129173	E2F8	-2.5	2.71E-49	E2F transcription factor 8
ENSG00000140057	AK7	-2.5	1.60E-23	adenylate kinase 7
ENSG00000263786	-	-2.5	0.0045819	novel transcript 2C sense intronic to HN1

ENSG00000127564	PKMYT1	-2.5	1.74E-51	protein kinase 2C membrane associated tyrosine/threonine 1
ENSG00000231851	MRPS9-AS1	-2.5	0.0020594	MRPS9 antisense RNA 1
ENSG00000232445	EMSLR	-2.5	1.73E-91	E2F1 mRNA stabilizing lncRNA
ENSG00000254756	-	-2.5	0.0005884	novel transcript
ENSG00000052802	MSMO1	-2.5	1.26E-196	methylsterol monooxygenase 1
ENSG00000169100	SLC25A6	-2.5	1.14E-67	solute carrier family 25 member 6
ENSG00000286887	-	-2.5	1.49E-30	novel transcript 2C antisense to SGK1
ENSG00000166246	C16orf71	-2.5	4.27E-08	chromosome 16 open reading frame 71
ENSG00000230082	PRRT3-AS1	-2.5	1.46E-11	PRRT3 antisense RNA 1
ENSG00000178922	HYI	-2.5	1.43E-69	hydroxypyruvate isomerase (putative)
ENSG00000180855	ZNF443	-2.5	3.63E-08	zinc finger protein 443
ENSG00000258657	-	-2.5	0.0073776	novel transcript 2C antisense to GZMB
ENSG00000278985	-	-2.5	0.0109701	novel transcript
ENSG00000122952	ZWINT	-2.5	2.38E-152	ZW10 interacting kinetochore protein
ENSG00000179431	FJX1	-2.5	1.15E-62	four-jointed box kinase 1
ENSG00000171848	RRM2	-2.5	1.12E-207	ribonucleotide reductase regulatory subunit M2
ENSG00000206538	VGLL3	-2.5	1.68E-32	vestigial like family member 3
ENSG00000151150	ANK3	-2.5	4.42E-11	ankyrin 3
ENSG00000126249	PDCD2L	-2.5	4.88E-37	programmed cell death 2 like
ENSG00000176208	ATAD5	-2.5	2.40E-27	ATPase family AAA domain containing 5
ENSG00000267757	EML2-AS1	-2.5	6.99E-63	EML2 antisense RNA 1
ENSG00000101220	C20orf27	-2.5	6.50E-64	chromosome 20 open reading frame 27
ENSG00000123843	C4BPB	-2.5	2.94E-294	complement component 4 binding protein beta
ENSG00000203279	-	-2.5	1.22E-14	novel transcript
ENSG00000160326	SLC2A6	-2.5	5.43E-106	solute carrier family 2 member 6
ENSG00000198754	OXCT2	-2.5	5.67E-05	3-oxoacid CoA-transferase 2
ENSG00000254244	PAICSP4	-2.5	0.0384425	phosphoribosylaminoimidazole carboxylase 2C phosphoribosylaminoimidazole succinocarboxamide synthetase pseudogene 4
ENSG00000204531	POU5F1	-2.5	1.36E-06	POU class 5 homeobox 1
ENSG00000267500	ZNF887P	-2.5	2.15E-11	zinc finger protein 887 2C pseudogene
ENSG00000242083	RPL7AP31	-2.5	0.0024934	ribosomal protein L7a pseudogene 31
ENSG00000198088	NUP62CL	-2.5	9.67E-56	nucleoporin 62 C-terminal like
ENSG00000137310	TCF19	-2.5	6.69E-106	transcription factor 19
ENSG00000286180	-	-2.5	0.0097946	novel transcript
ENSG00000101868	POLA1	-2.5	8.76E-95	DNA polymerase alpha 1 2C catalytic subunit
ENSG00000286729	-	-2.5	0.0006046	novel transcript 2C antisense to COPG1
ENSG00000172830	SSH3	-2.5	7.02E-111	slingshot protein phosphatase 3
ENSG00000267698	-	-2.5	2.01E-06	novel transcript 2C antisense to CLIP3 and THAP8
ENSG00000143797	MBOAT2	-2.5	6.06E-27	membrane bound O-acyltransferase domain containing 2
ENSG00000166689	PLEKHA7	-2.5	3.52E-37	pleckstrin homology domain containing A7
ENSG00000162139	NEU3	-2.5	6.46E-82	neuraminidase 3
ENSG00000235776	-	-2.5	0.0033732	ribosomal protein L7a (RPL7A) pseudogene
ENSG00000280214	-	-2.5	0.0192314	TEC
ENSG00000167536	DHRS13	-2.5	1.43E-61	dehydrogenase/reductase 13
ENSG00000287445	-	-2.5	0.0027544	novel transcript

ENSG00000183048	SLC25A10	-2.5	1.33E-47	solute carrier family 25 member 10
ENSG00000060558	GNA15	-2.5	6.74E-07	G protein subunit alpha 15
ENSG00000071539	TRIP13	-2.5	2.74E-202	thyroid hormone receptor interactor 13
ENSG00000269106	-	-2.5	0.0012615	novel transcript 2C antisense to ZNF446
ENSG00000101057	MYBL2	-2.5	2.00E-51	MYB proto-oncogene like 2
ENSG00000131153	GINS2	-2.5	1.13E-59	GINS complex subunit 2
ENSG00000110921	MVK	-2.5	5.59E-110	mevalonate kinase
ENSG00000092853	CLSPN	-2.5	2.31E-50	claspin
ENSG00000117724	CENPF	-2.5	4.54E-40	centromere protein F
ENSG00000170421	KRT8	-2.5	6.88E-56	keratin 8
ENSG00000188517	COL25A1	-2.5	5.69E-50	collagen type XXV alpha 1 chain
ENSG00000115687	PASK	-2.5	1.12E-60	PAS domain containing serine/threonine kinase
ENSG00000287865	-	-2.5	0.0003781	novel transcript
ENSG00000278763	FAM27B	-2.5	2.54E-05	family with sequence similarity 27 member B
ENSG00000178999	AURKB	-2.5	6.48E-57	aurora kinase B
ENSG00000133302	SLF1	-2.5	2.93E-51	SMC5-SMC6 complex localization factor 1
ENSG00000128408	RIBC2	-2.5	1.70E-21	RIB43A domain with coiled-coils 2
ENSG00000011052	NME1-NME2	-2.5	5.02E-12	NME1-NME2 readthrough
ENSG00000258748	-	-2.5	0.002466	novel transcript 2C antisense to KIF26A
ENSG00000144061	NPHP1	-2.5	3.20E-26	nephrocystin 1
ENSG00000224578	HNRNPA1P48	-2.4	7.05E-170	heterogeneous nuclear ribonucleoprotein A1 pseudogene 48
ENSG00000138606	SHF	-2.4	0.0001509	Src homology 2 domain containing F
ENSG00000158106	RHPN1	-2.4	4.77E-50	rhophilin Rho GTPase binding protein 1
ENSG00000287853	-	-2.4	0.0082452	novel transcript
ENSG00000232110	-	-2.4	2.86E-101	novel transcript 2C antisense to LIPA
ENSG00000105607	GCDH	-2.4	1.70E-29	glutaryl-CoA dehydrogenase
ENSG00000234997	-	-2.4	0.0002537	novel transcript
ENSG00000231007	CDC20P1	-2.4	1.80E-07	cell division cycle 20 pseudogene 1
ENSG00000119403	PHF19	-2.4	1.61E-67	PHD finger protein 19
ENSG00000138658	ZGRF1	-2.4	2.96E-05	zinc finger GRF-type containing 1
ENSG00000153044	CENPH	-2.4	1.03E-112	centromere protein H
ENSG00000184574	LPAR5	-2.4	6.01E-36	lysophosphatidic acid receptor 5
ENSG00000277654	-	-2.4	0.0307536	glioma tumor suppressor candidate region gene 2 (GLTSCR2) pseudogene
ENSG00000136636	KCTD3	-2.4	7.45E-135	potassium channel tetramerization domain containing 3
ENSG00000001461	NIPAL3	-2.4	1.26E-151	NIPA like domain containing 3
ENSG00000258554	-	-2.4	2.73E-12	novel transcript 2C antisense to CDK2
ENSG00000164611	PTTG1	-2.4	7.86E-41	PTTG1 regulator of sister chromatid separation 2C securin
ENSG00000206145	P2RX6P	-2.4	2.71E-09	purinergic receptor P2X 6 pseudogene
ENSG00000286633	-	-2.4	0.0315913	novel transcript 2C antisense to RIPOR2
ENSG00000205436	EXOC3L4	-2.4	0.0011727	exocyst complex component 3 like 4
ENSG00000188211	NCR3LG1	-2.4	7.55E-65	natural killer cell cytotoxicity receptor 3 ligand 1
ENSG00000077152	UBE2T	-2.4	2.02E-81	ubiquitin conjugating enzyme E2 T
ENSG00000140284	SLC27A2	-2.4	1.04E-186	solute carrier family 27 member 2
ENSG00000175886	RPL7AP66	-2.4	3.02E-17	ribosomal protein L7a pseudogene 66
ENSG00000127324	TSPAN8	-2.4	3.29E-80	tetraspanin 8

ENSG00000148803	FUOM	-2.4	5.06E-29	fucose mutarotase
ENSG00000117115	PADI2	-2.4	2.52E-13	peptidyl arginine deiminase 2
ENSG00000286451	-	-2.4	2.18E-10	novel transcript
ENSG00000165215	CLDN3	-2.4	5.50E-08	claudin 3
ENSG00000107859	PITX3	-2.4	1.50E-06	paired like homeodomain 3
ENSG00000225695	HNRNPA1P35	-2.4	3.02E-08	heterogeneous nuclear ribonucleoprotein A1 pseudogene 35
ENSG00000167880	EVPL	-2.4	7.12E-70	envoplakin
ENSG00000253366	GUSBP16	-2.4	0.0125259	GUSB pseudogene 16
ENSG00000255857	PXN-AS1	-2.4	7.99E-39	PXN antisense RNA 1
ENSG00000261236	BOP1	-2.4	1.10E-58	BOP1 ribosomal biogenesis factor
ENSG00000164237	CMBL	-2.4	2.18E-179	carboxymethylenebutenolidase homolog
ENSG00000259479	SORD2P	-2.4	1.18E-60	sorbitol dehydrogenase 2 2C pseudogene
ENSG00000273004	-	-2.4	5.10E-07	novel transcript
ENSG00000232553	CLK2P1	-2.4	0.0292738	CDC like kinase 2 2C pseudogene 1
ENSG00000135083	CCNJL	-2.4	1.64E-07	cyclin J like
ENSG00000136943	CTSV	-2.4	3.53E-11	cathepsin V
ENSG00000146376	ARHGAP18	-2.4	7.41E-41	Rho GTPase activating protein 18
ENSG00000068489	PRR11	-2.4	7.49E-210	proline rich 11
ENSG00000161996	WDR90	-2.4	3.15E-80	WD repeat domain 90
ENSG00000240914	RPL15P2	-2.4	0.0050991	ribosomal protein L15 pseudogene 2
ENSG00000176092	CRYBG2	-2.4	7.30E-36	crystallin beta-gamma domain containing 2
ENSG00000188095	MESP2	-2.4	0.0001348	mesoderm posterior bHLH transcription factor 2
ENSG00000277972	CISD3	-2.4	2.80E-44	CDGSH iron sulfur domain 3
ENSG00000259687	LINC01220	-2.4	0.0037828	long intergenic non-protein coding RNA 1220
ENSG00000198901	PRC1	-2.4	2.75E-116	protein regulator of cytokinesis 1
ENSG00000104889	RNASEH2A	-2.4	4.02E-33	ribonuclease H2 subunit A
ENSG00000231419	LINC00689	-2.4	4.24E-19	long intergenic non-protein coding RNA 689
ENSG00000280924	LINC00628	-2.4	7.54E-05	long intergenic non-protein coding RNA 628
ENSG00000180318	ALX1	-2.4	2.07E-93	ALX homeobox 1
ENSG00000092470	WDR76	-2.4	8.90E-190	WD repeat domain 76
ENSG00000273014	-	-2.4	4.27E-08	novel transcript
ENSG00000151725	CENPU	-2.4	1.79E-49	centromere protein U
ENSG00000223478	-	-2.4	5.63E-51	novel transcript
ENSG00000183690	EFHC2	-2.4	2.75E-06	EF-hand domain containing 2
ENSG00000135451	TROAP	-2.4	7.66E-64	trophinin associated protein
ENSG00000065328	MCM10	-2.4	3.14E-89	minichromosome maintenance 10 replication initiation factor
ENSG00000275632	-	-2.4	2.51E-05	novel transcript
ENSG00000174837	ADGRE1	-2.4	4.78E-26	adhesion G protein-coupled receptor E1
ENSG00000268536	-	-2.4	0.0213846	novel transcript
ENSG00000280129	-	-2.4	0.0333133	TEC
ENSG00000134490	TMEM241	-2.4	1.33E-32	transmembrane protein 241
ENSG00000152292	SH2D6	-2.4	4.01E-05	SH2 domain containing 6
ENSG00000163293	NIPAL1	-2.4	5.01E-38	NIPA like domain containing 1
ENSG00000214826	DDX12P	-2.4	1.37E-38	DEAD/H-box helicase 12 2C pseudogene
ENSG00000168010	ATG16L2	-2.4	2.63E-29	autophagy related 16 like 2
ENSG00000254876	STRA6LP	-2.4	0.0218881	STRA6 like 2C pseudogene

ENSG00000087301	TXNDC16	-2.4	4.91E-68	thioredoxin domain containing 16
ENSG00000143228	NUF2	-2.4	6.98E-42	NUF2 component of NDC80 kinetochore complex
ENSG00000112759	SLC29A1	-2.4	1.02E-90	solute carrier family 29 member 1 (Augustine blood group)
ENSG00000126457	PRMT1	-2.4	1.70E-56	protein arginine methyltransferase 1
ENSG00000104140	RHOV	-2.4	4.80E-53	ras homolog family member V
ENSG00000069482	GAL	-2.4	6.50E-45	galanin and GMAP prepropeptide
ENSG00000152256	PDK1	-2.4	4.89E-76	pyruvate dehydrogenase kinase 1
ENSG00000178802	MPI	-2.4	7.27E-82	mannose phosphate isomerase
ENSG00000164056	SPRY1	-2.4	2.35E-24	sprouty RTK signaling antagonist 1
ENSG00000003989	SLC7A2	-2.4	3.20E-65	solute carrier family 7 member 2
ENSG00000183742	MACC1	-2.4	3.43E-14	MET transcriptional regulator MACC1
ENSG00000174177	CTU2	-2.3	1.14E-51	cytosolic thiouridylase subunit 2
ENSG00000101871	MID1	-2.3	1.42E-97	midline 1
ENSG00000169683	LRRC45	-2.3	2.64E-67	leucine rich repeat containing 45
ENSG00000167508	MVD	-2.3	9.18E-67	mevalonate diphosphate decarboxylase
ENSG00000014138	POLA2	-2.3	1.36E-36	DNA polymerase alpha 2 2C accessory subunit
ENSG00000083123	BCKDHB	-2.3	1.15E-58	branched chain keto acid dehydrogenase E1 subunit beta
ENSG00000160796	NBEAL2	-2.3	2.87E-121	neurobeachin like 2
ENSG00000278259	MYO19	-2.3	7.48E-162	myosin XIX
ENSG00000181577	C6orf223	-2.3	7.31E-104	chromosome 6 open reading frame 223
ENSG00000118193	KIF14	-2.3	3.37E-09	kinesin family member 14
ENSG00000146918	NCAPG2	-2.3	1.35E-131	non-SMC condensin II complex subunit G2
ENSG00000175063	UBE2C	-2.3	1.94E-41	ubiquitin conjugating enzyme E2 C
ENSG00000167513	CDT1	-2.3	8.75E-39	chromatin licensing and DNA replication factor 1
ENSG00000213621	RPSAP54	-2.3	2.41E-06	ribosomal protein SA pseudogene 54
ENSG00000261341	-	-2.3	2.62E-08	novel protein
ENSG00000186185	KIF18B	-2.3	1.86E-89	kinesin family member 18B
ENSG00000275532	-	-2.3	1.67E-10	novel transcript 2C antisense to MLLT6
ENSG00000259959	-	-2.3	2.97E-10	novel transcript
ENSG00000164062	APEH	-2.3	1.14E-65	acylaminoacyl-peptide hydrolase
ENSG00000166387	PPFIBP2	-2.3	9.91E-29	PPFIA binding protein 2
ENSG00000286138	-	-2.3	0.0083852	novel transcript
ENSG00000105676	ARMC6	-2.3	3.91E-68	armadillo repeat containing 6
ENSG00000278022	-	-2.3	0.0069816	novel transcript 2C sense intronic to IGF1R
ENSG00000067064	IDI1	-2.3	3.17E-165	isopentenyl-diphosphate delta isomerase 1
ENSG00000140525	FANCI	-2.3	6.27E-79	FA complementation group I
ENSG00000130748	TMEM160	-2.3	3.31E-47	transmembrane protein 160
ENSG00000117148	ACTL8	-2.3	9.75E-14	actin like 8
ENSG00000235314	LINC00957	-2.3	0.009151	long intergenic non-protein coding RNA 957
ENSG00000288098	-	-2.3	2.35E-28	novel transcript
ENSG00000184154	LRTOMT	-2.3	6.58E-09	leucine rich transmembrane and O-methyltransferase domain containing
ENSG00000176387	HSD11B2	-2.3	3.90E-11	hydroxysteroid 11-beta dehydrogenase 2
ENSG00000236081	ELFN1-AS1	-2.3	8.14E-58	ELFN1 antisense RNA 1
ENSG00000178921	PFAS	-2.3	9.71E-67	phosphoribosylformylglycinamide synthase
ENSG00000126787	DLGAP5	-2.3	5.79E-43	DLG associated protein 5

ENSG00000006611	USH1C	-2.3	5.00E-14	USH1 protein network component harmonin
ENSG00000260196	-	-2.3	1.54E-42	antisense to KCNJ11 and overlapping to a novel gene
ENSG00000213609	RPL7AP50	-2.3	0.001582	ribosomal protein L7a pseudogene 50
ENSG00000149922	TBX6	-2.3	0.0123611	T-box transcription factor 6
ENSG00000065325	GLP2R	-2.3	9.57E-193	glucagon like peptide 2 receptor
ENSG00000228649	SNHG26	-2.3	5.10E-28	small nucleolar RNA host gene 26
ENSG00000167094	TTC16	-2.3	2.82E-07	tetratricopeptide repeat domain 16
ENSG00000171345	KRT19	-2.3	3.51E-38	keratin 19
ENSG00000103067	ESRP2	-2.3	2.57E-106	epithelial splicing regulatory protein 2
ENSG00000089356	FXYP3	-2.3	3.70E-39	FXYP domain containing ion transport regulator 3
ENSG00000254211	LINC01485	-2.3	0.0006994	long intergenic non-protein coding RNA 1485
ENSG00000166845	C18orf54	-2.3	2.89E-15	chromosome 18 open reading frame 54
ENSG00000185420	SMYD3	-2.3	4.10E-81	SET and MYND domain containing 3
ENSG00000277701	-	-2.3	0.0241892	novel transcript
ENSG00000077312	SNRPA	-2.3	3.79E-75	small nuclear ribonucleoprotein polypeptide A
ENSG00000162009	SSTR5	-2.3	4.93E-07	somatostatin receptor 5
ENSG00000131351	HAUS8	-2.3	4.24E-60	HAUS augmin like complex subunit 8
ENSG00000126822	PLEKHG3	-2.3	1.90E-60	pleckstrin homology and RhoGEF domain containing G3
ENSG00000026652	AGPAT4	-2.3	3.37E-28	1-acylglycerol-3-phosphate O-acyltransferase 4
ENSG00000181544	FANCB	-2.3	7.97E-35	FA complementation group B
ENSG00000139428	MMAB	-2.3	1.35E-118	metabolism of cobalamin associated B
ENSG00000185065	-	-2.3	2.01E-07	novel transcript 2C antisense to C22orf39
ENSG00000203711	C6orf99	-2.3	0.0002582	chromosome 6 putative open reading frame 99
ENSG00000202337	RNU6-8	-2.3	0.0001599	RNA 2C U6 small nuclear 8
ENSG00000104369	JPH1	-2.3	1.27E-74	junctophilin 1
ENSG00000166851	PLK1	-2.3	3.56E-47	polo like kinase 1
ENSG00000203761	MSTO2P	-2.3	5.57E-11	misato family member 2 2C pseudogene
ENSG00000111788	-	-2.3	8.76E-21	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide like pseudogene
ENSG00000113070	HBEGF	-2.3	4.56E-29	heparin binding EGF like growth factor
ENSG00000164904	ALDH7A1	-2.3	5.02E-166	aldehyde dehydrogenase 7 family member A1
ENSG00000123374	CDK2	-2.3	1.12E-162	cyclin dependent kinase 2
ENSG00000131473	ACLY	-2.3	4.73E-114	ATP citrate lyase
ENSG00000266714	MYO15B	-2.3	2.09E-36	myosin XVb
ENSG00000251634	NAIPP4	-2.3	0.0326141	NAIP pseudogene 4
ENSG00000273297	-	-2.3	2.54E-41	novel transcript
ENSG00000254343	-	-2.3	8.00E-10	novel transcript
ENSG00000175745	NR2F1	-2.3	4.89E-113	nuclear receptor subfamily 2 group F member 1
ENSG00000106484	MEST	-2.3	9.04E-117	mesoderm specific transcript
ENSG00000178977	LINC00324	-2.3	2.05E-12	long intergenic non-protein coding RNA 324
ENSG00000166165	CKB	-2.2	3.02E-40	creatine kinase B
ENSG00000137700	SLC37A4	-2.2	1.07E-39	solute carrier family 37 member 4
ENSG00000261762	-	-2.2	0.0034771	novel transcript 2C antisense to CHRNA5
ENSG00000003096	KLHL13	-2.2	3.27E-31	kelch like family member 13
ENSG00000279407	-	-2.2	3.21E-30	TEC
ENSG00000135486	HNRNPA1	-2.2	9.16E-134	heterogeneous nuclear ribonucleoprotein A1

ENSG00000155367	PPM1J	-2.2	0.0021118	protein phosphatase 2C Mg2+/Mn2+ dependent 1J
ENSG00000232732	-	-2.2	0.0051754	novel transcript
ENSG00000163710	PCOLCE2	-2.2	4.82E-76	procollagen C-endopeptidase enhancer 2
ENSG00000005189	REXO5	-2.2	2.02E-43	RNA exonuclease 5
ENSG00000119888	EPCAM	-2.2	2.03E-05	epithelial cell adhesion molecule
ENSG00000123219	CENPK	-2.2	4.50E-54	centromere protein K
ENSG00000196415	PRTN3	-2.2	0.0035587	proteinase 3
ENSG00000198744	MTCO3P12	-2.2	0.0128708	MT-CO3 pseudogene 12
ENSG00000010319	SEMA3G	-2.2	1.48E-37	semaphorin 3G
ENSG00000039139	DNAH5	-2.2	6.09E-06	dynein axonemal heavy chain 5
ENSG00000232386	-	-2.2	5.60E-05	novel transcript
ENSG00000112667	DNPH1	-2.2	7.96E-38	2'-deoxynucleoside 5'-phosphate N-hydrolase 1
ENSG00000242539	-	-2.2	0.0013324	novel transcript
ENSG00000166508	MCM7	-2.2	6.84E-57	minichromosome maintenance complex component 7
ENSG00000048342	CC2D2A	-2.2	8.42E-60	coiled-coil and C2 domain containing 2A
ENSG00000166682	TMPRSS5	-2.2	0.0186279	transmembrane serine protease 5
ENSG00000272807	-	-2.2	0.0343262	novel transcript 2C antisense to KANSL1L
ENSG00000235237	-	-2.2	0.0235469	novel transcript
ENSG00000118420	UBE3D	-2.2	4.14E-60	ubiquitin protein ligase E3D
ENSG00000141750	STAC2	-2.2	0.026554	SH3 and cysteine rich domain 2
ENSG00000271155	-	-2.2	5.22E-06	novel transcript 2C antisense to PTCH1
ENSG00000273486	-	-2.2	0.0002109	novel transcript 2C antisense to SLC35G2
ENSG00000229994	RPL5P4	-2.2	2.30E-09	ribosomal protein L5 pseudogene 4
ENSG00000278903	-	-2.2	0.0014531	novel transcript
ENSG00000161547	SRSF2	-2.2	1.95E-188	serine and arginine rich splicing factor 2
ENSG00000161249	DMKN	-2.2	1.34E-58	dermokine
ENSG00000104213	PDGFRL	-2.2	4.13E-24	platelet derived growth factor receptor like
ENSG00000138111	MFSD13A	-2.2	1.89E-50	major facilitator superfamily domain containing 13A
ENSG00000116299	ELAPOR1	-2.2	4.27E-17	endosome-lysosome associated apoptosis and autophagy regulator 1
ENSG00000085840	ORC1	-2.2	4.47E-82	origin recognition complex subunit 1
ENSG00000255062	-	-2.2	0.0035587	novel transcript 2C antisense to DCPS and TIRAP
ENSG00000273449	-	-2.2	0.0207814	novel transcript
ENSG00000280789	PAGR1	-2.2	1.02E-74	PAXIP1 associated glutamate rich protein 1
ENSG00000125434	SLC25A35	-2.2	1.46E-21	solute carrier family 25 member 35
ENSG00000167964	RAB26	-2.2	2.22E-60	RAB26 2C member RAS oncogene family
ENSG00000140263	SORD	-2.2	5.94E-94	sorbitol dehydrogenase
ENSG00000056736	IL17RB	-2.2	4.22E-46	interleukin 17 receptor B
ENSG00000259772	-	-2.2	0.0069477	novel transcript
ENSG00000257337	-	-2.2	5.18E-86	novel transcript 2C antisense to TENC1 26 EIF4B
ENSG00000116771	AGMAT	-2.2	7.04E-83	agmatinase
ENSG00000101546	RBFA	-2.2	6.72E-54	ribosome binding factor A
ENSG00000185133	INPP5J	-2.2	8.99E-32	inositol polyphosphate-5-phosphatase J
ENSG00000126522	ASL	-2.2	1.28E-64	argininosuccinate lyase
ENSG00000179240	GVQW3	-2.2	4.47E-20	GVQW motif containing 3
ENSG00000105325	FZR1	-2.2	2.93E-74	fizzy and cell division cycle 20 related 1
ENSG00000136997	MYC	-2.2	7.43E-83	MYC proto-oncogene 2C bHLH transcription factor

ENSG00000137473	TTC29	-2.2	0.0247714	tetratricopeptide repeat domain 29
ENSG00000205809	KLRC2	-2.2	8.45E-100	killer cell lectin like receptor C2
ENSG00000151503	NCAPD3	-2.2	1.34E-180	non-SMC condensin II complex subunit D3
ENSG00000174371	EXO1	-2.2	1.40E-86	exonuclease 1
ENSG00000120055	C10orf95	-2.2	0.003443	chromosome 10 open reading frame 95
ENSG00000188761	BCL2L15	-2.2	0.0469143	BCL2 like 15
ENSG00000156471	PTDSS1	-2.2	2.33E-123	phosphatidylserine synthase 1
ENSG00000073050	XRCC1	-2.2	1.07E-76	X-ray repair cross complementing 1
ENSG00000166816	LDHD	-2.2	1.02E-08	lactate dehydrogenase D
ENSG00000220378	KRT8P42	-2.2	1.31E-08	keratin 8 pseudogene 42
ENSG00000103534	TMC5	-2.2	8.40E-101	transmembrane channel like 5
ENSG00000197816	CCDC180	-2.2	0.000735	coiled-coil domain containing 180
ENSG00000254862	LGR4-AS1	-2.2	0.00496	LGR4 antisense RNA 1
ENSG00000102317	RBM3	-2.2	1.98E-173	RNA binding motif protein 3
ENSG00000187741	FANCA	-2.2	2.71E-85	FA complementation group A
ENSG00000174370	C11orf45	-2.2	8.40E-12	chromosome 11 open reading frame 45
ENSG00000166407	LMO1	-2.2	0.0003504	LIM domain only 1
ENSG00000272457	-	-2.2	0.0449971	novel transcript 2C antisense to RGS20
ENSG00000134709	HOOK1	-2.1	1.85E-18	hook microtubule tethering protein 1
ENSG00000156869	FRRS1	-2.1	7.05E-34	ferric chelate reductase 1
ENSG00000146166	LGSN	-2.1	0.0078067	lengsin 2C lens protein with glutamine synthetase domain
ENSG00000279794	-	-2.1	0.023977	TEC
ENSG00000101417	PXMP4	-2.1	1.79E-28	peroxisomal membrane protein 4
ENSG00000178971	CTC1	-2.1	5.99E-33	CST telomere replication complex component 1
ENSG00000279602	-	-2.1	0.0001981	TEC
ENSG00000196155	PLEKHG4	-2.1	9.43E-61	pleckstrin homology and RhoGEF domain containing G4
ENSG00000213186	TRIM59	-2.1	4.62E-11	tripartite motif containing 59
ENSG00000224621	-	-2.1	0.0013464	novel transcript
ENSG00000113048	MRPS27	-2.1	4.07E-132	mitochondrial ribosomal protein S27
ENSG00000133119	RFC3	-2.1	1.59E-127	replication factor C subunit 3
ENSG00000179284	DAND5	-2.1	0.0037244	DAN domain BMP antagonist family member 5
ENSG00000198947	DMD	-2.1	1.24E-74	dystrophin
ENSG00000198089	SFI1	-2.1	4.83E-31	SFI1 centrin binding protein
ENSG00000163808	KIF15	-2.1	3.28E-32	kinesin family member 15
ENSG00000123485	HJURP	-2.1	8.08E-87	Holliday junction recognition protein
ENSG00000258459	-	-2.1	0.0066203	novel transcript 2C antisense to CCNB1IP1
ENSG00000218890	NUFIP1P1	-2.1	0.0319607	NUFIP1 pseudogene 1
ENSG00000184428	TOP1MT	-2.1	1.98E-114	DNA topoisomerase I mitochondrial
ENSG00000112742	TTK	-2.1	1.07E-34	TTK protein kinase
ENSG00000272703	-	-2.1	0.0240198	novel transcript
ENSG00000147144	CCDC120	-2.1	2.67E-44	coiled-coil domain containing 120
ENSG00000250299	MRPS31P4	-2.1	0.000156	mitochondrial ribosomal protein S31 pseudogene 4
ENSG00000250920	-	-2.1	1.27E-42	novel transcript
ENSG00000053371	AKR7A2	-2.1	1.44E-34	aldo-keto reductase family 7 member A2
ENSG00000104524	PYCR3	-2.1	3.69E-42	pyrroline-5-carboxylate reductase 3
ENSG00000205208	C4orf46	-2.1	1.52E-45	chromosome 4 open reading frame 46

ENSG00000236090	LDHAP3	-2.1	0.0005567	lactate dehydrogenase A pseudogene 3
ENSG00000230592	RPSAP8	-2.1	0.0037246	ribosomal protein SA pseudogene 8
ENSG00000142856	ITGB3BP	-2.1	5.36E-40	integrin subunit beta 3 binding protein
ENSG00000137699	TRIM29	-2.1	1.02E-45	tripartite motif containing 29
ENSG0000040731	CDH10	-2.1	9.37E-22	cadherin 10
ENSG00000227939	RPL3P2	-2.1	8.71E-11	ribosomal protein L3 pseudogene 2
ENSG00000100065	CARD10	-2.1	6.41E-75	caspase recruitment domain family member 10
ENSG00000131470	PSMC3IP	-2.1	2.97E-98	PSMC3 interacting protein
ENSG00000168077	SCARA3	-2.1	4.52E-48	scavenger receptor class A member 3
ENSG00000255468	-	-2.1	0.0001281	novel transcript 2C antisense to SLC29A2
ENSG00000183431	SF3A3	-2.1	2.24E-226	splicing factor 3a subunit 3
ENSG00000287331	-	-2.1	4.16E-08	novel transcript
ENSG00000285991	-	-2.1	0.0023116	novel transcript
ENSG00000188501	LCTL	-2.1	0.0347411	lactase like
ENSG00000142227	EMP3	-2.1	6.88E-54	epithelial membrane protein 3
ENSG00000232648	-	-2.1	0.0213095	novel transcript
ENSG00000162063	CCNF	-2.1	9.53E-27	cyclin F
ENSG00000160867	FGFR4	-2.1	2.96E-53	fibroblast growth factor receptor 4
ENSG00000229891	LINC01315	-2.1	2.69E-18	long intergenic non-protein coding RNA 1315
ENSG00000215492	HNRNPA1P7	-2.1	1.83E-176	heterogeneous nuclear ribonucleoprotein A1 pseudogene 7
ENSG00000180211	-	-2.1	0.000239	pseudogene similar to part of ribosomal protein L23 RPL23
ENSG00000239672	NME1	-2.1	2.01E-56	NME/NM23 nucleoside diphosphate kinase 1
ENSG00000153944	MSI2	-2.1	4.76E-51	musashi RNA binding protein 2
ENSG00000273306	-	-2.1	2.42E-07	novel transcript
ENSG00000186767	SPIN4	-2.1	8.35E-57	spindlin family member 4
ENSG00000227704	-	-2.1	0.040323	novel transcript
ENSG00000237649	KIFC1	-2.1	2.67E-40	kinesin family member C1
ENSG00000178531	CTXN1	-2.1	2.16E-19	cortexin 1
ENSG00000109805	NCAPG	-2.1	1.93E-51	non-SMC condensin I complex subunit G
ENSG00000167775	CD320	-2.1	6.21E-34	CD320 molecule
ENSG00000198938	MT-CO3	-2.1	4.04E-89	mitochondrially encoded cytochrome c oxidase III
ENSG00000108479	GALK1	-2.1	1.54E-56	galactokinase 1
ENSG00000161692	DBF4B	-2.1	3.60E-54	DBF4 zinc finger B
ENSG00000142731	PLK4	-2.1	4.06E-23	polo like kinase 4
ENSG00000007968	E2F2	-2.1	7.23E-44	E2F transcription factor 2
ENSG00000274849	-	-2.1	3.20E-06	novel transcript 2C sense intronic to MOCOS
ENSG00000100767	PAPLN	-2.1	6.50E-10	papilin 2C proteoglycan like sulfated glycoprotein
ENSG00000239322	ATP6V1B1-AS1	-2.1	0.0344057	ATP6V1B1 antisense RNA 1
ENSG00000112029	FBXO5	-2.1	7.93E-63	F-box protein 5
ENSG00000237886	NALT1	-2.1	1.18E-12	NOTCH1 associated lncRNA in T cell acute lymphoblastic leukemia 1
ENSG00000160991	ORAI2	-2.1	2.19E-68	ORAI calcium release-activated calcium modulator 2
ENSG00000287974	-	-2.1	7.51E-34	novel transcript
ENSG00000149577	SIDT2	-2.1	4.68E-45	SID1 transmembrane family member 2
ENSG00000180739	S1PR5	-2.1	1.72E-12	sphingosine-1-phosphate receptor 5
ENSG00000235823	OLMALINC	-2.1	1.43E-83	oligodendrocyte maturation-associated long intergenic non-coding RNA

ENSG00000168393	DTYMK	-2.1	9.34E-34	deoxythymidylate kinase
ENSG00000101444	AHCY	-2.1	1.17E-49	adenosylhomocysteinase
ENSG00000272654	-	-2.1	1.23E-11	novel transcript
ENSG00000170312	CDK1	-2.1	2.94E-76	cyclin dependent kinase 1
ENSG00000111144	LTA4H	-2.1	2.34E-204	leukotriene A4 hydrolase
ENSG00000176532	PRR15	-2.1	9.15E-16	proline rich 15
ENSG00000243943	ZNF512	-2.1	3.59E-44	zinc finger protein 512
ENSG00000168490	PHYHIP	-2.1	3.94E-23	phytanoyl-CoA 2-hydroxylase interacting protein
ENSG00000100504	PYGL	-2.1	2.72E-211	glycogen phosphorylase L
ENSG00000086730	LAT2	-2.1	1.77E-06	linker for activation of T cells family member 2
ENSG00000227959	-	-2.1	5.65E-10	novel transcript
ENSG00000186862	PDZD7	-2.1	1.28E-05	PDZ domain containing 7
ENSG00000249115	HAUS5	-2.1	1.14E-62	HAUS augmin like complex subunit 5
ENSG00000186451	SPATA12	-2.1	0.0331566	spermatogenesis associated 12
ENSG00000273162	-	-2.1	2.76E-09	novel transcript
ENSG00000188051	TMEM221	-2.1	1.25E-11	transmembrane protein 221
ENSG00000167325	RRM1	-2.1	4.30E-162	ribonucleotide reductase catalytic subunit M1
ENSG00000234494	SP2-AS1	-2.1	1.08E-07	SP2 antisense RNA 1
ENSG00000160753	RUSC1	-2.1	1.62E-53	RUN and SH3 domain containing 1
ENSG00000134827	TCN1	-2.1	0.0135647	transcobalamin 1
ENSG00000162062	TEDC2	-2.1	2.71E-17	tubulin epsilon and delta complex 2
ENSG00000287778	-	-2.1	1.82E-11	novel transcript 2C antisense to HS3ST1
ENSG00000214223	HNRNPA1P10	-2.1	7.05E-150	heterogeneous nuclear ribonucleoprotein A1 pseudogene 10
ENSG00000278535	DHRS11	-2.1	9.73E-42	dehydrogenase/reductase 11
ENSG00000144554	FANCD2	-2.1	8.87E-58	FA complementation group D2
ENSG00000100908	EMC9	-2.1	1.50E-28	ER membrane protein complex subunit 9
ENSG00000137812	KNL1	-2.1	5.34E-10	kinetochore scaffold 1
ENSG00000253187	HOXA10-AS	-2.1	2.15E-10	HOXA10 antisense RNA
ENSG00000140015	KCNH5	-2.1	5.83E-05	potassium voltage-gated channel subfamily H member 5
ENSG00000099219	ERMP1	-2	2.41E-57	endoplasmic reticulum metalloproteinase 1
ENSG00000152253	SPC25	-2	2.09E-41	SPC25 component of NDC80 kinetochore complex
ENSG00000171227	TMEM37	-2	1.16E-11	transmembrane protein 37
ENSG00000271659	-	-2	0.0032238	novel transcript 2C antisense to PTCH1
ENSG00000204618	RNF39	-2	1.50E-07	ring finger protein 39
ENSG00000102967	DHODH	-2	4.90E-49	dihydroorotate dehydrogenase (quinone)
ENSG00000123179	EBPL	-2	3.32E-66	EBP like
ENSG00000272711	HK2-DT	-2	1.12E-32	HK2 divergent transcript
ENSG00000149503	INCENP	-2	6.47E-100	inner centromere protein
ENSG00000096060	FKBP5	-2	3.66E-101	FKBP prolyl isomerase 5
ENSG00000163026	WDCP	-2	3.07E-61	WD repeat and coiled coil containing
ENSG00000111799	COL12A1	-2	1.34E-32	collagen type XII alpha 1 chain
ENSG00000233203	DHCR24-DT	-2	0.0034913	DHCR24 divergent transcript
ENSG00000099840	IZUMO4	-2	3.46E-07	IZUMO family member 4
ENSG00000241549	GUSBP2	-2	0.014812	GUSB pseudogene 2
ENSG00000162641	AKNAD1	-2	0.0329601	AKNA domain containing 1
ENSG00000185480	PARPBP	-2	3.74E-49	PARP1 binding protein

ENSG00000180096	SEPTIN1	-2	2.82E-07	septin 1
ENSG00000133466	C1QTNF6	-2	3.94E-102	C1q and TNF related 6
ENSG00000180448	ARHGAP45	-2	2.91E-48	Rho GTPase activating protein 45
ENSG00000101246	ARFRP1	-2	6.91E-51	ADP ribosylation factor related protein 1
ENSG00000121957	GPSM2	-2	5.46E-55	G protein signaling modulator 2
ENSG00000101447	FAM83D	-2	2.66E-68	family with sequence similarity 83 member D
ENSG00000147082	CCNB3	-2	3.65E-06	cyclin B3
ENSG00000243710	CFAP57	-2	1.13E-08	cilia and flagella associated protein 57
ENSG00000267060	PTGES3L	-2	7.52E-12	prostaglandin E synthase 3 like
ENSG00000197299	BLM	-2	7.60E-30	BLM RecQ like helicase
ENSG00000172137	CALB2	-2	2.12E-35	calbindin 2
ENSG00000173267	SNCG	-2	3.72E-23	synuclein gamma
ENSG00000182841	RRP7BP	-2	7.92E-40	ribosomal RNA processing 7 homolog B 2C pseudogene
ENSG00000160298	C21orf58	-2	4.51E-47	chromosome 21 open reading frame 58
ENSG00000130270	ATP8B3	-2	2.07E-34	ATPase phospholipid transporting 8B3
ENSG00000229344	MTCO2P12	-2	0.0049383	MT-CO2 pseudogene 12
ENSG00000101003	GIN51	-2	8.76E-97	GIN5 complex subunit 1
ENSG00000286134	-	-2	1.37E-54	novel transcript
ENSG00000117650	NEK2	-2	1.64E-84	NIMA related kinase 2
ENSG00000099797	TECR	-2	5.74E-47	trans-2-2C3-enoyl-CoA reductase
ENSG00000160193	WDR4	-2	1.60E-65	WD repeat domain 4
ENSG00000114026	OGG1	-2	5.46E-49	8-oxoguanine DNA glycosylase
ENSG00000249855	EEF1A1P19	-2	0.0004062	eukaryotic translation elongation factor 1 alpha 1 pseudogene 19
ENSG00000067057	PFKP	-2	1.86E-66	phosphofructokinase 2C platelet
ENSG00000125246	CLYBL	-2	2.73E-27	citramalyl-CoA lyase
ENSG00000257851	HNRNPA3P10	-2	0.0032869	heterogeneous nuclear ribonucleoprotein A3 pseudogene 10
ENSG00000214544	GTF2IRD2P1	-2	0.0002035	GTF2I repeat domain containing 2 pseudogene 1
ENSG00000171097	KYAT1	-2	1.00E-26	kynurenine aminotransferase 1
ENSG00000260442	ATP2A1-AS1	-2	1.52E-20	ATP2A1 antisense RNA 1
ENSG00000203778	FAM229B	-2	4.26E-14	family with sequence similarity 229 member B
ENSG00000124249	KCNK15	-2	9.58E-35	potassium two pore domain channel subfamily K member 15
ENSG00000215182	MUC5AC	-2	3.44E-17	mucin 5AC 2C oligomeric mucus/gel-forming
ENSG00000175305	CCNE2	-2	3.01E-45	cyclin E2
ENSG00000268520	-	-2	0.0257884	novel transcript 2C sense intronic to ETFB
ENSG00000135617	PRADC1	-2	4.81E-28	protease associated domain containing 1
ENSG00000070814	TCOF1	-2	1.42E-99	treacle ribosome biogenesis factor 1
ENSG00000164920	OSR2	-2	6.30E-28	odd-skipped related transcription factor 2
ENSG00000132646	PCNA	-2	2.35E-142	proliferating cell nuclear antigen
ENSG00000163803	PLB1	-2	2.78E-25	phospholipase B1
ENSG00000099624	ATP5F1D	-2	2.73E-29	ATP synthase F1 subunit delta
ENSG00000235058	ZMYND10-AS1	-2	5.66E-06	ZMYND10 antisense RNA 1
ENSG00000157456	CCNB2	-2	7.82E-123	cyclin B2
ENSG00000268643	-	-2	0.0296736	novel protein
ENSG00000101412	E2F1	-2	1.34E-50	E2F transcription factor 1
ENSG00000116455	WDR77	-2	1.31E-93	WD repeat domain 77

ENSG00000138160	KIF11	-2	1.63E-39	kinesin family member 11
ENSG00000136492	BRIP1	-2	2.47E-23	BRCA1 interacting protein C-terminal helicase 1
ENSG00000063180	CA11	-2	4.37E-36	carbonic anhydrase 11
ENSG00000106785	TRIM14	-2	4.68E-83	tripartite motif containing 14
ENSG00000268362	-	-2	5.36E-20	novel transcript
ENSG00000266402	SNHG25	-2	7.11E-06	small nucleolar RNA host gene 25
ENSG00000173480	ZNF417	-2	3.47E-05	zinc finger protein 417
ENSG00000225200	-	-2	0.0317776	ribosomal protein S8 (RPS8) pseudogene
ENSG00000104356	POP1	-2	1.72E-69	POP1 homolog 2C ribonuclease P/MRP subunit
ENSG00000116830	TTF2	-2	4.85E-80	transcription termination factor 2
ENSG00000225580	PA2G4P5	-2	0.0042821	proliferation-associated 2G4 pseudogene 5
ENSG00000235043	TECRP1	-2	1.94E-20	trans-2 2C3-enoyl-CoA reductase pseudogene 1
ENSG00000133026	MYH10	-2	3.00E-45	myosin heavy chain 10
ENSG00000187240	DYNC2H1	-2	5.47E-09	dynein cytoplasmic 2 heavy chain 1
ENSG00000258526	-	-2	2.31E-05	novel transcript
ENSG00000115073	ACTR1B	-2	1.62E-48	actin related protein 1B
ENSG00000273373	-	-2	0.0001798	novel transcript 2C antisense to SLC16A4
ENSG00000115392	FANCL	-2	2.51E-80	FA complementation group L
ENSG00000100714	MTHFD1	-2	7.48E-166	methylenetetrahydrofolate dehydrogenase 2C cyclohydrolase and formyltetrahydrofolate synthetase 1
ENSG00000107819	SFXN3	-2	6.91E-99	sideroflexin 3
ENSG00000235381	-	-2	0.0180734	novel transcript
ENSG00000131941	RHPN2	-2	3.38E-109	rhopilin Rho GTPase binding protein 2
ENSG00000135643	KCNMB4	-2	0.000484	potassium calcium-activated channel subfamily M regulatory beta subunit 4
ENSG00000173581	CCDC106	-2	1.16E-33	coiled-coil domain containing 106
ENSG00000197332	-	-2	0.0003787	novel transcript
ENSG00000112972	HMGCS1	-2	1.38E-100	3-hydroxy-3-methylglutaryl-CoA synthase 1
ENSG00000115604	IL18R1	-2	3.81E-06	interleukin 18 receptor 1
ENSG00000188266	HYKK	-2	7.68E-20	hydroxylysine kinase
ENSG00000002330	BAD	-2	4.30E-43	BCL2 associated agonist of cell death
ENSG00000232352	SEMA3B-AS1	-2	0.0046674	SEMA3B antisense RNA 1 (head to head)
ENSG00000247627	MTND4P12	-2	0.0310136	MT-ND4 pseudogene 12
ENSG00000126602	TRAP1	-1.9	7.75E-46	TNF receptor associated protein 1
ENSG00000188312	CENPP	-1.9	6.35E-50	centromere protein P
ENSG00000130713	EXOSC2	-1.9	1.49E-92	exosome component 2
ENSG00000138376	BARD1	-1.9	4.42E-39	BRCA1 associated RING domain 1
ENSG00000279199	-	-1.9	0.019542	novel transcript
ENSG00000272931	LRRC8D-DT	-1.9	2.62E-05	LRRC8D divergent transcript
ENSG00000227470	RPL39P16	-1.9	0.0230254	ribosomal protein L39 pseudogene 16
ENSG00000272655	POLR2J4	-1.9	7.18E-15	RNA polymerase II subunit J4 2C pseudogene
ENSG00000159259	CHAF1B	-1.9	2.87E-74	chromatin assembly factor 1 subunit B
ENSG00000213862	-	-1.9	1.58E-26	ribosomal protein L7a (RPL7A) pseudogene
ENSG00000141738	GRB7	-1.9	2.20E-26	growth factor receptor bound protein 7
ENSG00000188596	CFAP54	-1.9	0.0079783	cilia and flagella associated protein 54
ENSG00000128050	PAICS	-1.9	3.63E-190	phosphoribosylaminoimidazole carboxylase and phosphoribosylaminoimidazolesuccinocarboxamide synthase

ENSG00000078399	HOXA9	-1.9	4.46E-08	homeobox A9
ENSG00000133935	ERG28	-1.9	9.94E-61	ergosterol biosynthesis 28 homolog
ENSG00000185186	LINC00313	-1.9	0.0077949	long intergenic non-protein coding RNA 313
ENSG00000280160	-	-1.9	0.0001397	novel transcript
ENSG00000224897	POT1-AS1	-1.9	0.0006987	POT1 antisense RNA 1
ENSG00000160957	RECQL4	-1.9	7.26E-66	RecQ like helicase 4
ENSG00000266680	-	-1.9	2.53E-15	novel transcript 2C antisense to PTP4A1
ENSG00000134057	CCNB1	-1.9	5.78E-57	cyclin B1
ENSG00000185361	TNFAIP8L1	-1.9	1.74E-09	TNF alpha induced protein 8 like 1
ENSG00000215424	MCM3AP-AS1	-1.9	6.32E-40	MCM3AP antisense RNA 1
ENSG00000068615	REEP1	-1.9	7.74E-66	receptor accessory protein 1
ENSG00000177602	HASPIN	-1.9	1.57E-53	histone H3 associated protein kinase
ENSG00000116661	FBXO2	-1.9	1.47E-41	F-box protein 2
ENSG00000255910	-	-1.9	1.38E-05	novel transcript
ENSG00000265393	-	-1.9	0.0025109	novel transcript 2C antisense to RECQL4
ENSG00000187994	RINL	-1.9	1.36E-13	Ras and Rab interactor like
ENSG00000175591	P2RY2	-1.9	1.08E-10	purinergic receptor P2Y2
ENSG00000237214	-	-1.9	0.0151947	ribosomal protein S9 (RPS9) pseudogene
ENSG00000273456	-	-1.9	0.0364101	novel transcript
ENSG00000179523	EIF3J-DT	-1.9	5.39E-43	EIF3J divergent transcript
ENSG00000115129	TP53I3	-1.9	3.38E-34	tumor protein p53 inducible protein 3
ENSG00000170264	FAM161A	-1.9	1.22E-19	FAM161 centrosomal protein A
ENSG00000224616	RTCA-AS1	-1.9	0.0001275	RTCA antisense RNA 1
ENSG00000198840	MT-ND3	-1.9	3.22E-41	mitochondrially encoded NADH:ubiquinone oxidoreductase core subunit 3
ENSG00000147813	NAPRT	-1.9	1.93E-34	nicotinate phosphoribosyltransferase
ENSG00000240395	RPL5P23	-1.9	5.16E-06	ribosomal protein L5 pseudogene 23
ENSG00000124406	ATP8A1	-1.9	5.03E-06	ATPase phospholipid transporting 8A1
ENSG00000139132	FGD4	-1.9	2.90E-12	FYVE 2C RhoGEF and PH domain containing 4
ENSG00000275769	-	-1.9	0.001752	novel transcript 2C sense intronic to DENND5B
ENSG00000272701	MESTIT1	-1.9	0.0291069	MEST intronic transcript 1 2C antisense RNA
ENSG00000152556	PFKM	-1.9	1.26E-92	phosphofructokinase 2C muscle
ENSG00000171320	ESCO2	-1.9	1.66E-38	establishment of sister chromatid cohesion N-acetyltransferase 2
ENSG00000111057	KRT18	-1.9	7.49E-33	keratin 18
ENSG00000167653	PSCA	-1.9	7.70E-61	prostate stem cell antigen
ENSG00000076382	SPAG5	-1.9	1.37E-152	sperm associated antigen 5
ENSG00000258857	-	-1.9	0.0066725	novel transcript
ENSG00000148334	PTGES2	-1.9	1.39E-66	prostaglandin E synthase 2
ENSG00000108528	SLC25A11	-1.9	3.65E-45	solute carrier family 25 member 11
ENSG00000217555	CKLF	-1.9	1.98E-49	chemokine like factor
ENSG00000272767	JMJD1C-AS1	-1.9	0.0009407	JMJD1C antisense RNA 1
ENSG00000278192	-	-1.9	1.64E-09	novel transcript
ENSG00000213347	MXD3	-1.9	5.46E-30	MAX dimerization protein 3
ENSG00000283696	-	-1.9	3.41E-05	novel transcript
ENSG00000142733	MAP3K6	-1.9	5.69E-38	mitogen-activated protein kinase kinase kinase 6
ENSG00000246308	-	-1.9	0.0482786	novel transcript 2C antisense to ZBED5

ENSG00000218537	MIF-AS1	-1.9	4.45E-19	MIF antisense RNA 1
ENSG00000242262	-	-1.9	0.0386865	ribosomal protein L15 (RPL15) pseudogene
ENSG00000058056	USP13	-1.9	2.73E-68	ubiquitin specific peptidase 13
ENSG00000122378	PRXL2A	-1.9	3.01E-76	peroxiredoxin like 2A
ENSG00000189229	-	-1.9	1.82E-16	novel transcript
ENSG00000215183	MSMP	-1.9	0.0013191	microseminoprotein 2C prostate associated
ENSG00000183298	RPSAP19	-1.9	5.24E-23	ribosomal protein SA pseudogene 19
ENSG00000039650	PNKP	-1.9	2.32E-52	polynucleotide kinase 3'-phosphatase
ENSG00000152056	AP1S3	-1.9	1.72E-55	adaptor related protein complex 1 subunit sigma 3
ENSG00000204394	VAR51	-1.9	1.90E-39	valyl-tRNA synthetase 1
ENSG00000177084	POLE	-1.9	1.87E-77	DNA polymerase epsilon 2C catalytic subunit
ENSG00000204620	-	-1.9	9.00E-07	novel transcript 2C antisense to RBM3
ENSG00000112118	MCM3	-1.9	4.85E-132	minichromosome maintenance complex component 3
ENSG00000118965	WDR35	-1.9	8.76E-33	WD repeat domain 35
ENSG00000186854	TRABD2A	-1.9	1.20E-88	TraB domain containing 2A
ENSG00000255346	NOX5	-1.9	3.97E-22	NADPH oxidase 5
ENSG00000183207	RUVBL2	-1.9	3.02E-36	RuvB like AAA ATPase 2
ENSG00000255837	TAS2R20	-1.9	0.0067032	taste 2 receptor member 20
ENSG00000005022	SLC25A5	-1.9	7.83E-62	solute carrier family 25 member 5
ENSG00000169758	TMEM266	-1.9	1.84E-07	transmembrane protein 266
ENSG00000233834	-	-1.9	0.0093365	novel transcript
ENSG00000099800	TIMM13	-1.9	1.26E-38	translocase of inner mitochondrial membrane 13
ENSG00000249042	-	-1.9	1.27E-57	novel transcript
ENSG00000137872	SEMA6D	-1.9	1.45E-17	semaphorin 6D
ENSG00000247796	-	-1.9	1.19E-09	novel transcript 2C antisense to MOCS2
ENSG00000262160	-	-1.9	3.96E-48	novel transcript 2C antisense to NFATC3
ENSG00000184363	PKP3	-1.9	2.30E-42	plakophilin 3
ENSG00000287569	-	-1.9	0.0003724	novel transcript
ENSG00000277534	-	-1.9	7.14E-24	novel transcript 2C sense intronic to KCTD1
ENSG00000227857	-	-1.9	0.0426198	novel transcript
ENSG00000236345	SCAT8	-1.9	1.68E-11	S-phase cancer associated transcript 8
ENSG00000182379	NXPH4	-1.9	1.29E-13	neurexophilin 4
ENSG00000181513	ACBD4	-1.9	2.47E-24	acyl-CoA binding domain containing 4
ENSG00000114023	FAM162A	-1.9	2.79E-43	family with sequence similarity 162 member A
ENSG00000152642	GPD1L	-1.9	3.19E-75	glycerol-3-phosphate dehydrogenase 1 like
ENSG00000240137	ERICH6-AS1	-1.9	0.006289	ERICH6 antisense RNA 1
ENSG00000173638	SLC19A1	-1.9	2.27E-30	solute carrier family 19 member 1
ENSG00000137054	POLR1E	-1.9	6.96E-103	RNA polymerase I subunit E
ENSG00000178429	RPS3AP5	-1.9	0.0011936	RPS3A pseudogene 5
ENSG00000115325	DOK1	-1.9	5.38E-15	docking protein 1
ENSG00000189149	CRYM-AS1	-1.9	0.0006088	CRYM antisense RNA 1
ENSG00000138175	ARL3	-1.9	1.80E-50	ADP ribosylation factor like GTPase 3
ENSG00000092036	HAUS4	-1.9	1.20E-46	HAUS augmin like complex subunit 4
ENSG00000025423	HSD17B6	-1.9	3.16E-09	hydroxysteroid 17-beta dehydrogenase 6
ENSG00000243701	DUBR	-1.9	6.07E-12	DPPA2 Upstream binding RNA
ENSG00000134285	FKBP11	-1.9	7.33E-83	FKBP prolyl isomerase 11

ENSG00000243566	UPK3B	-1.9	5.32E-05	uroplakin 3B
ENSG00000240972	MIF	-1.9	3.15E-28	macrophage migration inhibitory factor
ENSG00000179958	DCTPP1	-1.9	1.20E-30	dCTP pyrophosphatase 1
ENSG00000112877	CEP72	-1.9	4.78E-44	centrosomal protein 72
ENSG00000094804	CDC6	-1.9	2.23E-129	cell division cycle 6
ENSG00000158402	CDC25C	-1.9	6.22E-23	cell division cycle 25C
ENSG00000236756	DNAJC9-AS1	-1.9	6.40E-06	DNAJC9 antisense RNA 1
ENSG00000242114	MTFP1	-1.9	7.44E-26	mitochondrial fission process 1
ENSG00000280758	-	-1.9	2.12E-17	novel transcript 2C antisense to SPTAN1
ENSG00000129810	SGO1	-1.9	3.69E-44	shugoshin 1
ENSG00000137573	SULF1	-1.9	2.00E-36	sulfatase 1
ENSG00000237004	ZNRF2P1	-1.9	2.59E-11	zinc and ring finger 2 pseudogene 1
ENSG00000284968	-	-1.9	2.40E-14	Novel transcript 2C antisense to AFF1
ENSG00000142173	COL6A2	-1.9	0.01903	collagen type VI alpha 2 chain
ENSG00000131187	F12	-1.9	1.12E-25	coagulation factor XII
ENSG00000186687	LYRM7	-1.9	3.71E-36	LYR motif containing 7
ENSG00000278829	-	-1.9	0.035342	novel transcript 2C sense intronic to STAT5B
ENSG00000175279	CENPS	-1.9	3.29E-35	centromere protein S
ENSG00000111247	RAD51AP1	-1.9	3.21E-63	RAD51 associated protein 1
ENSG00000127586	CHTF18	-1.9	1.17E-50	chromosome transmission fidelity factor 18
ENSG00000060566	CREB3L3	-1.9	9.44E-13	cAMP responsive element binding protein 3 like 3
ENSG00000171241	SHCBP1	-1.9	5.62E-90	SHC binding and spindle associated 1
ENSG00000185614	INKA1	-1.8	0.0005382	inka box actin regulator 1
ENSG00000276390	-	-1.8	5.13E-05	novel transcript 2C sense intronic to RPAP3
ENSG00000280063	-	-1.8	0.0304555	tec
ENSG00000256663	-	-1.8	6.84E-39	ubiquitin-like with PHD and ring finger domains 1 (UHRF1) pseudogene
ENSG00000265190	ANXA8	-1.8	2.40E-32	annexin A8
ENSG00000130675	MNX1	-1.8	3.42E-20	motor neuron and pancreas homeobox 1
ENSG00000242071	RPL7AP6	-1.8	1.70E-41	ribosomal protein L7a pseudogene 6
ENSG00000198879	SFMBT2	-1.8	1.53E-66	Scm like with four mbt domains 2
ENSG00000114346	ECT2	-1.8	2.37E-31	epithelial cell transforming 2
ENSG00000081181	ARG2	-1.8	2.13E-45	arginase 2
ENSG00000100726	TELO2	-1.8	1.17E-34	telomere maintenance 2
ENSG00000108622	ICAM2	-1.8	6.40E-05	intercellular adhesion molecule 2
ENSG00000134222	PSRC1	-1.8	2.14E-24	proline and serine rich coiled-coil 1
ENSG00000035499	DEPDC1B	-1.8	5.98E-37	DEP domain containing 1B
ENSG00000184178	SCFD2	-1.8	2.53E-28	sec1 family domain containing 2
ENSG00000237506	RPSAP15	-1.8	3.73E-27	ribosomal protein SA pseudogene 15
ENSG00000136305	CIDEB	-1.8	3.15E-20	cell death inducing DFFA like effector b
ENSG00000079616	KIF22	-1.8	7.52E-29	kinesin family member 22
ENSG00000243989	ACY1	-1.8	2.17E-12	aminoacylase 1
ENSG00000138346	DNA2	-1.8	1.88E-23	DNA replication helicase/nuclease 2
ENSG00000188677	PARVB	-1.8	4.34E-46	parvin beta
ENSG00000033011	ALG1	-1.8	9.02E-49	ALG1 chitobiosyldiphosphodolichol beta-mannosyltransferase
ENSG00000267308	LINC01764	-1.8	3.47E-05	long intergenic non-protein coding RNA 1764
ENSG00000241923	RPL14P3	-1.8	0.0003778	ribosomal protein L14 pseudogene 3

ENSG00000157379	DHRS1	-1.8	2.05E-35	dehydrogenase/reductase 1
ENSG00000079691	CARMIL1	-1.8	6.36E-74	capping protein regulator and myosin 1 linker 1
ENSG00000198695	MT-ND6	-1.8	4.53E-44	mitochondrially encoded NADH:ubiquinone oxidoreductase core subunit 6
ENSG00000213145	CRIP1	-1.8	2.98E-12	cysteine rich protein 1
ENSG00000167604	NFKBID	-1.8	2.35E-21	NFKB inhibitor delta
ENSG00000250222	-	-1.8	5.45E-05	novel transcript
ENSG00000103202	NME4	-1.8	8.29E-22	NME/NM23 nucleoside diphosphate kinase 4
ENSG00000174721	FGFBP3	-1.8	5.09E-18	fibroblast growth factor binding protein 3
ENSG00000138796	HADH	-1.8	6.91E-68	hydroxyacyl-CoA dehydrogenase
ENSG00000230207	RPL4P5	-1.8	6.96E-11	ribosomal protein L4 pseudogene 5
ENSG00000179546	HTR1D	-1.8	7.42E-51	5-hydroxytryptamine receptor 1D
ENSG00000196684	HSH2D	-1.8	9.97E-14	hematopoietic SH2 domain containing
ENSG00000231066	NPM1P9	-1.8	0.0062249	nucleophosmin 1 pseudogene 9
ENSG00000228253	MT-ATP8	-1.8	3.25E-62	mitochondrially encoded ATP synthase membrane subunit 8
ENSG00000276043	UHRF1	-1.8	2.00E-48	ubiquitin like with PHD and ring finger domains 1
ENSG00000235750	KIAA0040	-1.8	1.27E-46	KIAA0040
ENSG00000172922	RNASEH2C	-1.8	2.92E-82	ribonuclease H2 subunit C
ENSG00000017483	SLC38A5	-1.8	1.00E-30	solute carrier family 38 member 5
ENSG00000179066	-	-1.8	0.0023138	novel transcript
ENSG00000161179	YDJC	-1.8	1.09E-35	YdjC chitoooligosaccharide deacetylase homolog
ENSG00000240541	TM4SF1-AS1	-1.8	1.01E-12	TM4SF1 antisense RNA 1
ENSG00000246898	LINC00920	-1.8	0.0037371	long intergenic non-protein coding RNA 920
ENSG00000231064	THBS3-AS1	-1.8	3.82E-12	THBS3 antisense RNA 1
ENSG00000049541	RFC2	-1.8	1.18E-54	replication factor C subunit 2
ENSG00000012963	UBR7	-1.8	4.94E-112	ubiquitin protein ligase E3 component n-recogin 7
ENSG00000111445	RFC5	-1.8	1.90E-100	replication factor C subunit 5
ENSG00000084693	AGBL5	-1.8	9.91E-57	ATP/GTP binding protein like 5
ENSG00000118894	EEF2KMT	-1.8	6.92E-34	eukaryotic elongation factor 2 lysine methyltransferase
ENSG00000154743	TSEN2	-1.8	1.16E-92	tRNA splicing endonuclease subunit 2
ENSG00000079462	PAFAH1B3	-1.8	3.92E-18	platelet activating factor acetylhydrolase 1b catalytic subunit 3
ENSG00000168071	CCDC88B	-1.8	3.82E-13	coiled-coil domain containing 88B
ENSG00000234420	ZNF37BP	-1.8	0.0035521	zinc finger protein 37B 2C pseudogene
ENSG00000169679	BUB1	-1.8	1.77E-69	BUB1 mitotic checkpoint serine/threonine kinase
ENSG00000169188	APEX2	-1.8	2.15E-48	apurinic/aprimidinic endodeoxyribonuclease 2
ENSG00000269343	ZNF587B	-1.8	3.38E-30	zinc finger protein 587B
ENSG00000227388	-	-1.8	8.67E-05	novel transcript
ENSG00000231806	PCAT7	-1.8	3.40E-19	prostate cancer associated transcript 7
ENSG00000197785	ATAD3A	-1.8	3.41E-31	ATPase family AAA domain containing 3A
ENSG00000132600	PRMT7	-1.8	1.50E-40	protein arginine methyltransferase 7
ENSG00000036672	USP2	-1.8	2.59E-06	ubiquitin specific peptidase 2
ENSG00000198467	TPM2	-1.8	6.54E-40	tropomyosin 2
ENSG00000134262	AP4B1	-1.8	7.15E-46	adaptor related protein complex 4 subunit beta 1
ENSG00000139734	DIAPH3	-1.8	2.36E-36	diaphanous related formin 3
ENSG00000163629	PTPN13	-1.8	5.62E-18	protein tyrosine phosphatase non-receptor type 13
ENSG00000198515	CNGA1	-1.8	0.0249263	cyclic nucleotide gated channel subunit alpha 1

ENSG00000124813	RUNX2	-1.8	4.60E-37	RUNX family transcription factor 2
ENSG00000183542	KLRC4	-1.8	0.0166274	killer cell lectin like receptor C4
ENSG00000261575	-	-1.8	0.0459968	C17orf58 pseudogene
ENSG00000164109	MAD2L1	-1.8	4.16E-93	mitotic arrest deficient 2 like 1
ENSG00000127419	TMEM175	-1.8	6.62E-32	transmembrane protein 175
ENSG00000113810	SMC4	-1.8	4.55E-08	structural maintenance of chromosomes 4
ENSG00000196584	XRCC2	-1.8	2.25E-08	X-ray repair cross complementing 2
ENSG00000267577	DNAAF3-AS1	-1.8	0.015915	DNAAF3 antisense RNA 1
ENSG00000102096	PIM2	-1.8	3.19E-34	Pim-2 proto-oncogene 2C serine/threonine kinase
ENSG00000125885	MCM8	-1.8	3.45E-06	minichromosome maintenance 8 homologous recombination repair factor
ENSG00000104147	OIP5	-1.8	3.27E-44	Opa interacting protein 5
ENSG00000105447	GRWD1	-1.8	1.87E-42	glutamate rich WD repeat containing 1
ENSG00000175772	LINC01106	-1.8	7.32E-08	long intergenic non-protein coding RNA 1106
ENSG00000092208	GEMIN2	-1.8	4.99E-26	gem nuclear organelle associated protein 2
ENSG00000204410	MSH5	-1.8	1.80E-12	mutS homolog 5
ENSG00000101911	PRPS2	-1.8	2.92E-105	phosphoribosyl pyrophosphate synthetase 2
ENSG00000127124	HIVEP3	-1.8	3.70E-06	HIVEP zinc finger 3
ENSG00000247121	-	-1.8	0.000458	novel transcript 2C antisense to LNPEP and ERAP2
ENSG00000184117	NIPSNAP1	-1.8	6.76E-59	nipsnap homolog 1
ENSG00000072571	HMMR	-1.8	7.16E-19	hyaluronan mediated motility receptor
ENSG00000067191	CACNB1	-1.8	1.28E-20	calcium voltage-gated channel auxiliary subunit beta 1
ENSG00000145912	NHP2	-1.8	5.99E-41	NHP2 ribonucleoprotein
ENSG00000225345	SNX18P3	-1.8	0.0102786	sorting nexin 18 pseudogene 3
ENSG00000263528	IKBKE	-1.8	1.01E-29	inhibitor of nuclear factor kappa B kinase subunit epsilon
ENSG00000172878	METAP1D	-1.8	5.02E-28	methionyl aminopeptidase type 1D 2C mitochondrial
ENSG00000174917	MICOS13	-1.8	9.80E-35	mitochondrial contact site and cristae organizing system subunit 13
ENSG00000130731	METTL26	-1.8	3.08E-25	methyltransferase like 26
ENSG00000177646	ACAD9	-1.8	3.80E-106	acyl-CoA dehydrogenase family member 9
ENSG00000234476	LINC02765	-1.8	1.31E-24	long intergenic non-protein coding RNA 2765
ENSG00000175899	A2M	-1.8	2.43E-06	alpha-2-macroglobulin
ENSG00000214049	UCA1	-1.8	5.53E-68	urothelial cancer associated 1
ENSG00000113356	POLR3G	-1.8	1.07E-29	RNA polymerase III subunit G
ENSG00000163050	COQ8A	-1.8	4.76E-16	coenzyme Q8A
ENSG00000185697	MYBL1	-1.8	4.74E-18	MYB proto-oncogene like 1
ENSG00000175793	SFN	-1.8	9.87E-28	stratifin
ENSG00000177519	RPRM	-1.8	0.0148467	represso 2C TP53 dependent G2 arrest mediator homolog
ENSG00000119397	CNTRL	-1.8	7.63E-14	centriolin
ENSG00000156970	BUB1B	-1.8	1.97E-66	BUB1 mitotic checkpoint serine/threonine kinase B
ENSG00000149554	CHEK1	-1.8	8.05E-53	checkpoint kinase 1
ENSG00000175294	CATSPER1	-1.8	4.03E-10	cation channel sperm associated 1
ENSG00000165704	HPRT1	-1.8	4.78E-107	hypoxanthine phosphoribosyltransferase 1
ENSG00000166153	DEPDC4	-1.8	7.45E-05	DEP domain containing 4
ENSG00000236017	ASMTL-AS1	-1.8	0.0036462	ASMTL antisense RNA 1
ENSG00000178226	PRSS36	-1.8	1.52E-16	serine protease 36

ENSG00000272205	POU2F1-DT	-1.8	0.0287728	POU2F1 divergent transcript
ENSG00000234062	-	-1.8	3.96E-08	transmembrane 9 superfamily member 2 (TM9SF2) pseudogene
ENSG00000142945	KIF2C	-1.8	5.32E-36	kinesin family member 2C
ENSG00000166451	CENPN	-1.8	5.48E-146	centromere protein N
ENSG00000125531	FNDC11	-1.8	1.53E-10	fibronectin type III domain containing 11
ENSG00000174669	SLC29A2	-1.8	2.52E-54	solute carrier family 29 member 2
ENSG00000184508	HDDC3	-1.8	1.38E-30	HD domain containing 3
ENSG00000143882	ATP6V1C2	-1.8	4.51E-17	ATPase H+ transporting V1 subunit C2
ENSG00000176714	CCDC121	-1.8	4.49E-06	coiled-coil domain containing 121
ENSG00000011426	ANLN	-1.8	1.36E-29	anillin actin binding protein
ENSG00000130827	PLXNA3	-1.8	2.11E-28	plexin A3
ENSG00000234009	RPL5P34	-1.8	1.40E-23	ribosomal protein L5 pseudogene 34
ENSG00000242288	BMS1P4-AGAP5	-1.8	0.0345126	BMS1P4-AGAP5 readthrough
ENSG00000168268	NT5DC2	-1.8	3.88E-29	5'-nucleotidase domain containing 2
ENSG00000159618	ADGRG5	-1.8	0.0321085	adhesion G protein-coupled receptor G5
ENSG00000157064	NMNAT2	-1.8	3.56E-21	nicotinamide nucleotide adenyltransferase 2
ENSG00000160613	PCSK7	-1.8	1.73E-36	proprotein convertase subtilisin/kexin type 7
ENSG00000189007	ADAT2	-1.8	4.75E-42	adenosine deaminase tRNA specific 2
ENSG00000236871	LINC00106	-1.8	0.0041049	long intergenic non-protein coding RNA 106
ENSG00000147955	SIGMAR1	-1.8	1.20E-47	sigma non-opioid intracellular receptor 1
ENSG00000135119	RNFT2	-1.8	1.07E-32	ring finger protein 2C transmembrane 2
ENSG00000188610	FAM72B	-1.8	9.37E-27	family with sequence similarity 72 member B
ENSG00000229666	MAST4-AS1	-1.8	0.0015761	MAST4 antisense RNA 1
ENSG00000132763	MMACHC	-1.8	1.28E-31	metabolism of cobalamin associated C
ENSG00000073536	NLE1	-1.8	1.60E-64	notchless homolog 1
ENSG00000166136	NDUFB8	-1.8	6.04E-56	NADH:ubiquinone oxidoreductase subunit B8
ENSG00000175274	TP53I11	-1.8	0.0324067	tumor protein p53 inducible protein 11
ENSG00000198951	NAGA	-1.8	6.68E-47	alpha-N-acetylgalactosaminidase
ENSG00000104522	GFUS	-1.8	1.28E-32	GDP-L-fucose synthase
ENSG00000258512	LINC00239	-1.7	0.0001967	long intergenic non-protein coding RNA 239
ENSG00000152061	RABGAP1L	-1.7	2.34E-21	RAB GTPase activating protein 1 like
ENSG00000262587	-	-1.7	0.0045995	leucine carboxyl methyltransferase 1 (LCMT1) pseudogene
ENSG00000253106	-	-1.7	3.67E-05	novel transcript 2C antisense to TATDN1
ENSG00000257660	ADCY6-DT	-1.7	0.0183131	ADCY6 divergent transcript
ENSG00000223813	-	-1.7	0.0429056	novel transcript 2C antisense to CHN2
ENSG00000127423	AUNIP	-1.7	1.54E-40	aurora kinase A and ninein interacting protein
ENSG00000179046	TRIML2	-1.7	0.0022097	tripartite motif family like 2
ENSG00000162813	BPNT1	-1.7	4.32E-65	3'(2') 2C 5'-bisphosphate nucleotidase 1
ENSG00000113368	LMNB1	-1.7	1.69E-90	lamin B1
ENSG00000170464	DNAJC18	-1.7	4.92E-28	DnaJ heat shock protein family (Hsp40) member C18
ENSG00000265096	C1QTNF1-AS1	-1.7	3.14E-14	C1QTNF1 antisense RNA 1
ENSG00000287024	-	-1.7	0.019937	novel transcript
ENSG00000242125	SNHG3	-1.7	7.80E-116	small nucleolar RNA host gene 3
ENSG00000188735	TMEM120B	-1.7	4.49E-42	transmembrane protein 120B
ENSG00000158882	TOMM40L	-1.7	5.26E-52	translocase of outer mitochondrial membrane 40 like

ENSG00000287080	H3C3	-1.7	0.0209267	H3 clustered histone 3
ENSG00000156535	CD109	-1.7	1.08E-38	CD109 molecule
ENSG00000234648	-	-1.7	2.77E-12	pseudogene similar to part of ribosomal protein L3 (RPL3)
ENSG00000259248	USP3-AS1	-1.7	2.95E-06	USP3 antisense RNA 1
ENSG00000122884	P4HA1	-1.7	6.70E-69	prolyl 4-hydroxylase subunit alpha 1
ENSG00000104738	MCM4	-1.7	7.27E-162	minichromosome maintenance complex component 4
ENSG00000128833	MYO5C	-1.7	2.63E-21	myosin VC
ENSG00000167658	EEF2	-1.7	1.73E-28	eukaryotic translation elongation factor 2
ENSG00000171604	CXXC5	-1.7	2.78E-34	CXXC finger protein 5
ENSG00000101945	SUV39H1	-1.7	1.39E-25	suppressor of variegation 3-9 homolog 1
ENSG00000241962	-	-1.7	3.18E-05	novel protein 2C C2orf15-MRPL30-novel lincRNA read-through
ENSG00000123405	NFE2	-1.7	3.04E-13	nuclear factor 2C erythroid 2
ENSG00000257954	-	-1.7	0.0402959	FGFR1 oncogene partner 2 (FGFR1OP2) pseudogene
ENSG00000176912	TYMSOS	-1.7	7.80E-10	TYMS opposite strand
ENSG00000231864	-	-1.7	5.83E-07	novel transcript
ENSG00000128254	C22orf24	-1.7	0.0022084	chromosome 22 putative open reading frame 24
ENSG00000106153	CHCHD2	-1.7	2.01E-25	coiled-coil-helix-coiled-coil-helix domain containing 2
ENSG00000275183	LENG9	-1.7	5.27E-34	leukocyte receptor cluster member 9
ENSG00000106399	RPA3	-1.7	1.05E-62	replication protein A3
ENSG00000047410	TPR	-1.7	7.27E-07	translocated promoter region 2C nuclear basket protein
ENSG00000158286	RNF207	-1.7	1.43E-16	ring finger protein 207
ENSG00000227347	HNRNP2	-1.7	0.0133743	heterogeneous nuclear ribonucleoprotein K pseudogene 2
ENSG00000100490	CDKL1	-1.7	2.47E-16	cyclin dependent kinase like 1
ENSG00000100075	SLC25A1	-1.7	8.57E-33	solute carrier family 25 member 1
ENSG00000213930	GALT	-1.7	2.63E-30	galactose-1-phosphate uridylyltransferase
ENSG00000198700	IPO9	-1.7	5.61E-60	importin 9
ENSG00000177721	ANXA2R	-1.7	4.07E-06	annexin A2 receptor
ENSG00000198189	HSD17B11	-1.7	1.03E-67	hydroxysteroid 17-beta dehydrogenase 11
ENSG00000198931	APRT	-1.7	3.84E-23	adenine phosphoribosyltransferase
ENSG00000172572	PDE3A	-1.7	3.74E-37	phosphodiesterase 3A
ENSG00000173715	C11orf80	-1.7	5.00E-30	chromosome 11 open reading frame 80
ENSG00000139531	SUOX	-1.7	1.24E-34	sulfite oxidase
ENSG00000125648	SLC25A23	-1.7	2.32E-59	solute carrier family 25 member 23
ENSG00000272870	SAP30-DT	-1.7	2.12E-11	SAP30 divergent transcript
ENSG00000138002	IFT172	-1.7	3.34E-57	intraflagellar transport 172
ENSG00000165168	CYBB	-1.7	2.23E-10	cytochrome b-245 beta chain
ENSG00000154920	EME1	-1.7	1.71E-45	essential meiotic structure-specific endonuclease 1
ENSG00000165171	METTL27	-1.7	4.02E-09	methyltransferase like 27
ENSG00000148908	RGS10	-1.7	2.16E-32	regulator of G protein signaling 10
ENSG00000164211	STARD4	-1.7	2.17E-19	StAR related lipid transfer domain containing 4
ENSG00000279453	-	-1.7	0.0008698	TEC
ENSG00000123353	ORMDL2	-1.7	1.04E-58	ORMDL sphingolipid biosynthesis regulator 2
ENSG00000274943	-	-1.7	0.0017297	novel transcript 2C sense intronic to PPHLN1
ENSG00000108465	CDK5RAP3	-1.7	1.74E-45	CDK5 regulatory subunit associated protein 3
ENSG00000137821	LRRC49	-1.7	6.56E-08	leucine rich repeat containing 49

ENSG00000125898	FAM110A	-1.7	1.12E-13	family with sequence similarity 110 member A
ENSG00000164659	ELAPOR2	-1.7	2.87E-29	endosome-lysosome associated apoptosis and autophagy regulator family member 2
ENSG00000004487	KDM1A	-1.7	5.90E-114	lysine demethylase 1A
ENSG00000116133	DHCR24	-1.7	4.57E-46	24-dehydrocholesterol reductase
ENSG00000122406	RPL5	-1.7	1.45E-75	ribosomal protein L5
ENSG00000104983	CCDC61	-1.7	5.30E-07	coiled-coil domain containing 61
ENSG00000170786	SDR16C5	-1.7	6.95E-21	short chain dehydrogenase/reductase family 16C member 5
ENSG00000083828	ZNF586	-1.7	9.95E-25	zinc finger protein 586
ENSG00000111181	SLC6A12	-1.7	5.12E-12	solute carrier family 6 member 12
ENSG00000171219	CDC42BPG	-1.7	9.55E-06	CDC42 binding protein kinase gamma
ENSG00000054938	CHRD12	-1.7	1.55E-25	chordin like 2
ENSG00000156172	C8orf37	-1.7	1.40E-19	chromosome 8 open reading frame 37
ENSG00000198788	MUC2	-1.7	4.55E-19	mucin 2 2C oligomeric mucus/gel-forming
ENSG00000020922	MRE11	-1.7	1.04E-30	MRE11 homolog 2C double strand break repair nuclease
ENSG00000259918	NDUFA5P11	-1.7	0.0307059	NADH:ubiquinone oxidoreductase subunit A5 pseudogene 11
ENSG00000167656	LY6D	-1.7	0.0295551	lymphocyte antigen 6 family member D
ENSG00000121211	MND1	-1.7	3.73E-07	meiotic nuclear divisions 1
ENSG00000184949	FAM227A	-1.7	1.50E-08	family with sequence similarity 227 member A
ENSG00000160602	NEK8	-1.7	1.96E-31	NIMA related kinase 8
ENSG00000105202	FBL	-1.7	6.60E-31	fibrillarin
ENSG00000186638	KIF24	-1.7	2.35E-29	kinesin family member 24
ENSG00000287653	-	-1.7	5.17E-09	novel transcript
ENSG00000047597	XK	-1.7	3.52E-62	X-linked Kx blood group
ENSG00000187024	PTRH1	-1.7	5.88E-23	peptidyl-tRNA hydrolase 1 homolog
ENSG00000273443	-	-1.7	0.0002503	novel transcript
ENSG00000166532	RIMKLB	-1.7	1.11E-38	ribosomal modification protein rimK like family member B
ENSG00000120756	PLS1	-1.7	1.51E-30	plastin 1
ENSG00000171877	FRMD5	-1.7	1.55E-07	FERM domain containing 5
ENSG00000258704	SRP54-AS1	-1.7	0.0001965	SRP54 antisense RNA 1 (head to head)
ENSG00000160447	PKN3	-1.7	2.28E-47	protein kinase N3
ENSG00000185201	IFITM2	-1.7	1.08E-28	interferon induced transmembrane protein 2
ENSG00000115107	STEAP3	-1.7	8.27E-48	STEAP3 metalloredutase
ENSG00000125966	MMP24	-1.7	0.0028698	matrix metalloproteinase 24
ENSG00000115875	SRSF7	-1.7	5.22E-116	serine and arginine rich splicing factor 7
ENSG00000037757	MRI1	-1.7	1.36E-57	methylthioribose-1-phosphate isomerase 1
ENSG00000260552	COSMOC	-1.7	4.00E-21	cell fate and sterol metabolism associated divergent transcript of MOCOS
ENSG00000269846	-	-1.7	0.0257402	novel transcript 2C antisense to RBL1
ENSG00000115290	GRB14	-1.7	0.0001579	growth factor receptor bound protein 14
ENSG00000114767	RRP9	-1.7	2.18E-26	ribosomal RNA processing 9 2C U3 small nucleolar RNA binding protein
ENSG00000281344	HELLPAR	-1.7	6.62E-06	HELLP associated long non-coding RNA
ENSG00000123739	PLA2G12A	-1.7	2.93E-71	phospholipase A2 group XIA
ENSG00000143127	ITGA10	-1.7	1.79E-09	integrin subunit alpha 10
ENSG00000025434	NR1H3	-1.7	3.93E-33	nuclear receptor subfamily 1 group H member 3

ENSG00000008277	ADAM22	-1.7	1.07E-13	ADAM metallopeptidase domain 22
ENSG00000107438	PDLIM1	-1.7	6.88E-43	PDZ and LIM domain 1
ENSG00000168496	FEN1	-1.7	8.51E-63	flap structure-specific endonuclease 1
ENSG00000182057	OGFRP1	-1.7	3.18E-25	opioid growth factor receptor pseudogene 1
ENSG00000261614	YBX3P1	-1.7	9.30E-06	Y-box binding protein 3 pseudogene 1
ENSG00000052344	PRSS8	-1.7	0.0051217	serine protease 8
ENSG00000186056	MATN1-AS1	-1.7	2.21E-12	MATN1 antisense RNA 1
ENSG00000182957	SPATA13	-1.7	8.24E-33	spermatogenesis associated 13
ENSG00000089685	BIRC5	-1.7	1.48E-36	baculoviral IAP repeat containing 5
ENSG00000251179	TMEM92-AS1	-1.7	1.99E-14	TMEM92 antisense RNA 1
ENSG00000165929	TC2N	-1.7	1.26E-31	tandem C2 domains 2C nuclear
ENSG00000225031	EIF4BP7	-1.7	3.24E-68	eukaryotic translation initiation factor 4B pseudogene 7
ENSG00000213801	ZNF321P	-1.7	0.003089	zinc finger protein 321 2C pseudogene
ENSG00000150275	PCDH15	-1.7	0.0305625	protocadherin related 15
ENSG00000092758	COL9A3	-1.7	7.49E-28	collagen type IX alpha 3 chain
ENSG00000117877	POLR1G	-1.7	6.26E-51	RNA polymerase I subunit G
ENSG00000106628	POLD2	-1.7	4.78E-25	DNA polymerase delta 2 2C accessory subunit
ENSG00000188856	RPSAP47	-1.7	4.52E-22	ribosomal protein SA pseudogene 47
ENSG00000145386	CCNA2	-1.7	4.62E-102	cyclin A2
ENSG00000148303	RPL7A	-1.7	7.07E-38	ribosomal protein L7a
ENSG00000075188	NUP37	-1.7	8.11E-62	nucleoporin 37
ENSG00000171916	LGALS9C	-1.7	0.0058457	galectin 9C
ENSG00000223705	NSUN5P1	-1.7	4.13E-34	NSUN5 pseudogene 1
ENSG00000038210	PI4K2B	-1.7	7.23E-35	phosphatidylinositol 4-kinase type 2 beta
ENSG00000188368	PRR19	-1.7	1.46E-11	proline rich 19
ENSG00000182257	PRR34	-1.7	3.92E-05	PRR34 long non-coding RNA
ENSG00000167774	-	-1.7	1.96E-11	novel transcript
ENSG00000141556	TBCD	-1.7	2.54E-58	tubulin folding cofactor D
ENSG00000237973	MTCO1P12	-1.7	9.90E-84	MT-CO1 pseudogene 12
ENSG00000008311	AASS	-1.7	0.0041777	aminoadipate-semialdehyde synthase
ENSG00000106537	TSPAN13	-1.7	2.72E-35	tetraspanin 13
ENSG00000231167	YBX1P2	-1.6	0.0005428	Y-box binding protein 1 pseudogene 2
ENSG00000285103	-	-1.6	0.0468873	novel transcript
ENSG00000187210	GCNT1	-1.6	1.20E-11	glucosaminyl (N-acetyl) transferase 1
ENSG00000173272	MZT2A	-1.6	3.58E-15	mitotic spindle organizing protein 2A
ENSG00000187486	KCNJ11	-1.6	9.62E-16	potassium inwardly rectifying channel subfamily J member 11
ENSG00000149218	ENDOD1	-1.6	8.97E-27	endonuclease domain containing 1
ENSG00000238279	-	-1.6	0.0069809	novel transcript
ENSG00000203497	PDCD4-AS1	-1.6	1.31E-15	PDCD4 antisense RNA 1
ENSG00000253408	IKBKB-DT	-1.6	0.044117	IKBKB divergent transcript
ENSG00000215784	FAM72D	-1.6	3.23E-09	family with sequence similarity 72 member D
ENSG00000118898	PPL	-1.6	1.21E-53	periplakin
ENSG00000232472	EEF1B2P3	-1.6	2.93E-23	eukaryotic translation elongation factor 1 beta 2 pseudogene 3
ENSG00000064042	LIMCH1	-1.6	5.26E-35	LIM and calponin homology domains 1
ENSG00000139445	FOXN4	-1.6	0.0001002	forkhead box N4

ENSG00000139187	KLRG1	-1.6	7.41E-06	killer cell lectin like receptor G1
ENSG00000162620	LRR1Q3	-1.6	0.0001274	leucine rich repeats and IQ motif containing 3
ENSG00000175018	TEX36	-1.6	1.80E-11	testis expressed 36
ENSG00000164053	ATRIP	-1.6	9.62E-32	ATR interacting protein
ENSG00000136279	DBNL	-1.6	1.27E-30	drebrin like
ENSG00000167670	CHAF1A	-1.6	9.25E-75	chromatin assembly factor 1 subunit A
ENSG00000255121	CENATAC-DT	-1.6	1.35E-07	CENATAC divergent transcript
ENSG00000241095	CYP51A1P1	-1.6	0.016983	cytochrome P450 family 51 subfamily A member 1 pseudogene 1
ENSG00000158555	GDPD5	-1.6	2.61E-47	glycerophosphodiester phosphodiesterase domain containing 5
ENSG00000161980	POLR3K	-1.6	2.64E-29	RNA polymerase III subunit K
ENSG00000242147	LASTR	-1.6	8.47E-06	lncRNA associated with SART3 regulation of splicing
ENSG00000131797	CLUHP3	-1.6	1.61E-14	clustered mitochondria homolog pseudogene 3
ENSG00000269242	-	-1.6	6.00E-11	novel transcript
ENSG00000198899	MT-ATP6	-1.6	1.26E-60	mitochondrially encoded ATP synthase membrane subunit 6
ENSG00000159214	CCDC24	-1.6	6.84E-06	coiled-coil domain containing 24
ENSG00000122861	PLAU	-1.6	1.25E-05	plasminogen activator 2C urokinase
ENSG00000156414	TDRD9	-1.6	4.14E-44	tudor domain containing 9
ENSG00000140848	CPNE2	-1.6	1.79E-32	copine 2
ENSG00000136319	TTC5	-1.6	6.95E-28	tetratricopeptide repeat domain 5
ENSG00000227070	EPS15-AS1	-1.6	0.0146094	EPS15 antisense RNA 1
ENSG00000248527	MTATP6P1	-1.6	3.75E-42	MT-ATP6 pseudogene 1
ENSG00000214776	-	-1.6	0.0004083	alpha-2-macroglobulin like 1 pseudogene
ENSG00000149499	EML3	-1.6	4.91E-34	EMAP like 3
ENSG00000232640	-	-1.6	0.0053472	novel transcript
ENSG00000287697	-	-1.6	0.0134898	novel transcript 2C antisense to CACYBP
ENSG00000198712	MT-CO2	-1.6	1.13E-39	mitochondrially encoded cytochrome c oxidase II
ENSG00000178445	GLDC	-1.6	0.0008396	glycine decarboxylase
ENSG00000070785	EIF2B3	-1.6	5.75E-56	eukaryotic translation initiation factor 2B subunit gamma
ENSG00000251495	PPIAP11	-1.6	1.18E-07	peptidylprolyl isomerase A pseudogene 11
ENSG00000269982	-	-1.6	0.0223334	novel transcript 2C antisense to TMEM111
ENSG00000100749	VRK1	-1.6	9.21E-40	VRK serine/threonine kinase 1
ENSG00000160051	IQCC	-1.6	1.75E-17	IQ motif containing C
ENSG00000111816	FRK	-1.6	1.23E-10	fyn related Src family tyrosine kinase
ENSG00000283667	-	-1.6	0.0225505	novel transcript 2C antisense to SERPINB8
ENSG00000111716	LDHB	-1.6	4.27E-77	lactate dehydrogenase B
ENSG00000147642	SYBU	-1.6	1.65E-28	syntabulin
ENSG00000275464	-	-1.6	1.76E-30	novel protein 2C similar to PWP2 periodic tryptophan protein homolog (yeast) PWP2
ENSG00000269139	-	-1.6	0.0014004	novel transcript 2C antisense to CTXN1 and TIMM44
ENSG00000177096	PHETA2	-1.6	1.96E-23	PH domain containing endocytic trafficking adaptor 2
ENSG00000173898	SPTBN2	-1.6	8.16E-63	spectrin beta 2C non-erythrocytic 2
ENSG00000100351	GRAP2	-1.6	0.0422984	GRB2 related adaptor protein 2
ENSG00000087111	PIGS	-1.6	2.96E-62	phosphatidylinositol glycan anchor biosynthesis class S
ENSG00000133315	MACROD1	-1.6	5.79E-28	mono-ADP ribosylhydrolase 1
ENSG00000160200	CBS	-1.6	8.93E-21	cystathionine beta-synthase

ENSG00000234694	-	-1.6	3.45E-05	novel transcript
ENSG00000213025	COX20P1	-1.6	7.59E-09	COX20 pseudogene 1
ENSG00000103121	CMC2	-1.6	1.55E-56	C-X9-C motif containing 2
ENSG00000109099	PMP22	-1.6	9.67E-35	peripheral myelin protein 22
ENSG00000096093	EFHC1	-1.6	3.84E-33	EF-hand domain containing 1
ENSG00000197822	OCLN	-1.6	4.45E-16	occludin
ENSG00000064309	CDON	-1.6	2.36E-19	cell adhesion associated 2C oncogene regulated
ENSG00000168291	PDHB	-1.6	2.95E-143	pyruvate dehydrogenase E1 subunit beta
ENSG00000287064	-	-1.6	6.23E-06	novel transcript
ENSG00000233077	LINC01271	-1.6	0.0009008	long intergenic non-protein coding RNA 1271
ENSG00000136378	ADAMTS7	-1.6	0.003607	ADAM metalloproteinase with thrombospondin type 1 motif 7
ENSG00000130770	ATP5IF1	-1.6	1.73E-49	ATP synthase inhibitory factor subunit 1
ENSG00000149485	FADS1	-1.6	3.34E-89	fatty acid desaturase 1
ENSG00000213839	TMX2P1	-1.6	0.0080733	thioredoxin related transmembrane protein 2 pseudogene 1
ENSG00000141258	SGSM2	-1.6	5.92E-60	small G protein signaling modulator 2
ENSG00000215417	MIR17HG	-1.6	1.64E-09	miR-17-92a-1 cluster host gene
ENSG00000272335	-	-1.6	0.0053721	novel transcript
ENSG00000270157	-	-1.6	0.0009131	novel transcript
ENSG00000167535	CACNB3	-1.6	9.40E-36	calcium voltage-gated channel auxiliary subunit beta 3
ENSG00000118298	CA14	-1.6	0.0429105	carbonic anhydrase 14
ENSG00000188107	EYS	-1.6	5.09E-05	eyes shut homolog
ENSG00000130829	DUSP9	-1.6	9.49E-22	dual specificity phosphatase 9
ENSG00000161048	NAPEPLD	-1.6	1.70E-10	N-acyl phosphatidylethanolamine phospholipase D
ENSG00000197043	ANXA6	-1.6	5.11E-27	annexin A6
ENSG00000115163	CENPA	-1.6	1.31E-51	centromere protein A
ENSG00000273387	-	-1.6	0.0237391	novel transcript 2C antisense to SMTN
ENSG00000106077	ABHD11	-1.6	3.94E-25	abhydrolase domain containing 11
ENSG00000227467	LINC01537	-1.6	2.09E-77	long intergenic non-protein coding RNA 1537
ENSG00000065675	PRKCQ	-1.6	7.34E-09	protein kinase C theta
ENSG00000104835	SARS2	-1.6	3.26E-18	seryl-tRNA synthetase 2 2C mitochondrial
ENSG00000180336	MEIOC	-1.6	0.0202498	meiosis specific with coiled-coil domain
ENSG00000148835	TAF5	-1.6	1.83E-37	TATA-box binding protein associated factor 5
ENSG00000152377	SPOCK1	-1.6	2.40E-70	SPARC (osteonectin) 2C cwcv and kazal like domains proteoglycan 1
ENSG00000050555	LAMC3	-1.6	5.00E-11	laminin subunit gamma 3
ENSG00000214439	FAM185BP	-1.6	0.0169895	family with sequence similarity 185 member B 2C pseudogene
ENSG00000186480	INSIG1	-1.6	1.79E-116	insulin induced gene 1
ENSG00000224805	LINC00853	-1.6	0.0031787	long intergenic non-protein coding RNA 853
ENSG00000159335	PTMS	-1.6	1.59E-32	parathymosin
ENSG00000231503	PTMAP4	-1.6	0.0001576	prothymosin alpha pseudogene 4
ENSG00000001497	LAS1L	-1.6	4.81E-64	LAS1 like ribosome biogenesis factor
ENSG00000278112	-	-1.6	0.0368877	novel transcript 2C sense intronic to RILPL1
ENSG00000141349	G6PC3	-1.6	2.87E-32	glucose-6-phosphatase catalytic subunit 3
ENSG00000284491	THSD8	-1.6	0.0007564	thrombospondin type 1 domain containing 8
ENSG00000154839	SKA1	-1.6	2.36E-34	spindle and kinetochore associated complex subunit 1
ENSG00000167700	MFSD3	-1.6	5.14E-22	major facilitator superfamily domain containing 3
ENSG00000214029	ZNF891	-1.6	0.0004199	zinc finger protein 891

ENSG00000230658	KLHL7-DT	-1.6	0.0405447	KLHL7 divergent transcript
ENSG00000201302	SNORA65	-1.6	0.0310212	small nucleolar RNA 2C H/ACA box 65
ENSG00000082196	CIQTNF3	-1.6	0.0006842	CIq and TNF related 3
ENSG00000272990	-	-1.6	2.78E-06	novel transcript 2C antisense to KCNAB1
ENSG00000177855	CACYBPP2	-1.6	0.0001988	calcyclin binding protein pseudogene 2
ENSG00000008382	MPND	-1.6	1.40E-17	MPN domain containing
ENSG00000237943	PRKCQ-AS1	-1.6	1.35E-12	PRKCQ antisense RNA 1
ENSG00000175183	CSRP2	-1.6	1.25E-12	cysteine and glycine rich protein 2
ENSG00000143401	ANP32E	-1.6	4.31E-44	acidic nuclear phosphoprotein 32 family member E
ENSG00000092094	OSGEP	-1.6	1.16E-35	O-sialoglycoprotein endopeptidase
ENSG00000166171	DPCD	-1.6	4.42E-30	deleted in primary ciliary dyskinesia homolog (mouse)
ENSG00000267255	-	-1.6	0.0077216	novel transcript 2C antisense to CHAF1A
ENSG00000104299	INTS9	-1.6	7.42E-42	integrator complex subunit 9
ENSG00000236603	RANP1	-1.6	4.78E-14	RAN pseudogene 1
ENSG00000198707	CEP290	-1.6	5.56E-09	centrosomal protein 290
ENSG00000225159	NPMIP39	-1.6	0.0008545	nucleophosmin 1 pseudogene 39
ENSG00000125247	TMTC4	-1.6	4.49E-37	transmembrane O-mannosyltransferase targeting cadherins 4
ENSG00000212232	SNORD17	-1.6	6.13E-10	small nucleolar RNA 2C C/D box 17
ENSG00000198168	SVIP	-1.6	1.97E-39	small VCP interacting protein
ENSG00000145833	DDX46	-1.6	1.95E-28	DEAD-box helicase 46
ENSG00000165244	ZNF367	-1.6	9.97E-67	zinc finger protein 367
ENSG00000213397	HAUS7	-1.6	1.90E-10	HAUS augmin like complex subunit 7
ENSG00000139155	SLCO1C1	-1.6	0.0014698	solute carrier organic anion transporter family member 1C1
ENSG00000214050	FBXO16	-1.6	0.0008365	F-box protein 16
ENSG00000221949	LINC01465	-1.6	0.0026454	long intergenic non-protein coding RNA 1465
ENSG00000151466	SCLT1	-1.6	1.98E-21	sodium channel and clathrin linker 1
ENSG00000269399	-	-1.6	4.76E-10	novel transcript
ENSG00000196943	NOP9	-1.6	7.94E-67	NOP9 nucleolar protein
ENSG00000157110	RBPMS	-1.6	1.77E-24	RNA binding protein 2C mRNA processing factor
ENSG00000121775	TMEM39B	-1.6	4.93E-41	transmembrane protein 39B
ENSG00000128510	CPA4	-1.6	2.19E-21	carboxypeptidase A4
ENSG00000184445	KNTC1	-1.6	2.83E-17	kinetochore associated 1
ENSG00000135245	HILPDA	-1.6	7.63E-35	hypoxia inducible lipid droplet associated
ENSG00000170037	CNTROB	-1.6	4.03E-39	centrobin 2C centriole duplication and spindle assembly protein
ENSG00000251141	MRPS30-DT	-1.6	4.03E-10	MRPS30 divergent transcript
ENSG00000269825	-	-1.6	0.0003724	novel zinc finger protein
ENSG00000166473	PKD1L2	-1.6	0.0220558	polycystin 1 like 2 (gene/pseudogene)
ENSG00000172244	C5orf34	-1.6	2.85E-29	chromosome 5 open reading frame 34
ENSG00000254706	-	-1.6	1.12E-05	novel protein
ENSG00000170364	SETMAR	-1.6	1.88E-13	SET domain and mariner transposase fusion gene
ENSG00000112218	GPR63	-1.6	0.017721	G protein-coupled receptor 63
ENSG00000225178	RPSAP58	-1.6	4.16E-22	ribosomal protein SA pseudogene 58
ENSG00000253392	-	-1.6	0.0227585	novel transcript 2C antisense to ZNF57
ENSG00000155189	AGPAT5	-1.6	3.14E-55	1-acylglycerol-3-phosphate O-acyltransferase 5
ENSG00000188015	S100A3	-1.6	8.12E-18	S100 calcium binding protein A3
ENSG00000196405	EVL	-1.6	3.60E-21	Enah/Vasp-like

ENSG00000130816	DNMT1	-1.6	3.38E-87	DNA methyltransferase 1
ENSG00000167646	DNAAF3	-1.6	2.45E-35	dynein axonemal assembly factor 3
ENSG00000110660	SLC35F2	-1.6	1.94E-87	solute carrier family 35 member F2
ENSG0000018280	SLC11A1	-1.6	0.0355117	solute carrier family 11 member 1
ENSG00000122870	BICC1	-1.6	1.09E-23	BicC family RNA binding protein 1
ENSG00000287114	-	-1.6	1.03E-13	novel transcript
ENSG00000165644	COMT1	-1.6	2.12E-19	catechol-O-methyltransferase domain containing 1
ENSG00000272842	-	-1.6	0.0022433	novel transcript 2C antisense to DENND4C
ENSG00000180354	MTURN	-1.6	1.09E-37	maturin 2C neural progenitor differentiation regulator homolog
ENSG00000099385	BCL7C	-1.6	1.43E-30	BAF chromatin remodeling complex subunit BCL7C
ENSG00000182628	SKA2	-1.6	3.50E-73	spindle and kinetochore associated complex subunit 2
ENSG00000151914	DST	-1.6	1.11E-06	dystonin
ENSG00000213881	NPM1P6	-1.5	0.0021065	nucleophosmin 1 pseudogene 6
ENSG00000103064	SLC7A6	-1.5	1.57E-50	solute carrier family 7 member 6
ENSG00000159199	ATP5MC1	-1.5	9.84E-22	ATP synthase membrane subunit c locus 1
ENSG00000172687	ZNF738	-1.5	1.97E-07	zinc finger protein 738
ENSG00000100290	BIK	-1.5	2.78E-05	BCL2 interacting killer
ENSG00000275835	TUBGCP5	-1.5	8.80E-32	tubulin gamma complex associated protein 5
ENSG00000143028	SYPL2	-1.5	2.01E-29	synaptophysin like 2
ENSG00000147536	GINS4	-1.5	3.81E-40	GINS complex subunit 4
ENSG00000160172	FAM86C2P	-1.5	3.89E-17	family with sequence similarity 86 member C2 2C pseudogene
ENSG00000144815	NXPE3	-1.5	9.54E-22	neurexophilin and PC-esterase domain family member 3
ENSG00000172339	ALG14	-1.5	1.37E-29	ALG14 UDP-N-acetylglucosaminyltransferase subunit
ENSG00000198468	FLVCR1-DT	-1.5	3.10E-14	FLVCR1 divergent transcript
ENSG00000167272	POP5	-1.5	3.33E-36	POP5 homolog 2C ribonuclease P/MRP subunit
ENSG00000113161	HMGCR	-1.5	5.96E-40	3-hydroxy-3-methylglutaryl-CoA reductase
ENSG00000115525	ST3GAL5	-1.5	9.88E-36	ST3 beta-galactoside alpha-2 2C3-sialyltransferase 5
ENSG00000198929	NOS1AP	-1.5	1.44E-17	nitric oxide synthase 1 adaptor protein
ENSG00000130244	FAM98C	-1.5	4.79E-20	family with sequence similarity 98 member C
ENSG00000206075	SERPINB5	-1.5	3.06E-52	serpin family B member 5
ENSG00000125740	FOSB	-1.5	1.15E-10	FosB proto-oncogene 2C AP-1 transcription factor subunit
ENSG00000197417	SHPK	-1.5	4.76E-08	sedoheptulokinase
ENSG00000160818	GPATCH4	-1.5	5.30E-62	G-patch domain containing 4
ENSG00000233728	-	-1.5	0.0258856	novel transcript
ENSG00000240087	RPSAP12	-1.5	7.01E-16	ribosomal protein SA pseudogene 12
ENSG00000075234	TTC38	-1.5	3.42E-28	tetratricopeptide repeat domain 38
ENSG00000172840	PDP2	-1.5	5.55E-36	pyruvate dehydrogenase phosphatase catalytic subunit 2
ENSG00000082516	GEMIN5	-1.5	1.63E-71	gem nuclear organelle associated protein 5
ENSG00000131069	ACSS2	-1.5	9.28E-32	acyl-CoA synthetase short chain family member 2
ENSG00000261334	-	-1.5	0.0499829	novel transcript
ENSG00000260630	SNAI3-AS1	-1.5	2.40E-17	SNAI3 antisense RNA 1
ENSG00000255276	RRM1-AS1	-1.5	0.0073722	RRM1 antisense RNA 1
ENSG00000179029	TMEM107	-1.5	1.33E-24	transmembrane protein 107
ENSG00000262728	-	-1.5	0.033901	novel transcript 2C antisense to GOLGA8N
ENSG00000127914	AKAP9	-1.5	1.27E-14	A-kinase anchoring protein 9

ENSG00000137824	RMDN3	-1.5	9.13E-72	regulator of microtubule dynamics 3
ENSG00000106211	HSPB1	-1.5	3.45E-18	heat shock protein family B (small) member 1
ENSG00000143942	CHAC2	-1.5	1.36E-35	ChaC glutathione specific gamma-glutamylcyclotransferase 2
ENSG00000267737	-	-1.5	0.0005556	novel transcript
ENSG00000121057	AKAP1	-1.5	1.82E-73	A-kinase anchoring protein 1
ENSG00000165792	METTL17	-1.5	6.82E-45	methyltransferase like 17
ENSG00000085871	MGST2	-1.5	1.25E-35	microsomal glutathione S-transferase 2
ENSG00000115507	OTX1	-1.5	2.77E-12	orthodenticle homeobox 1
ENSG00000118777	ABCG2	-1.5	5.75E-38	ATP binding cassette subfamily G member 2 (Junior blood group)
ENSG00000213920	MDP1	-1.5	5.12E-05	magnesium dependent phosphatase 1
ENSG00000143416	SELENBP1	-1.5	7.92E-24	selenium binding protein 1
ENSG00000177030	DEAF1	-1.5	2.54E-23	DEAF1 transcription factor
ENSG00000196154	S100A4	-1.5	4.08E-30	S100 calcium binding protein A4
ENSG00000152749	GPR180	-1.5	5.26E-32	G protein-coupled receptor 180
ENSG00000237748	UQCRBP1	-1.5	0.0236266	ubiquinol-cytochrome c reductase binding protein pseudogene 1
ENSG00000282386	-	-1.5	1.59E-05	novel transcript 2C antisense to SLC39A1
ENSG00000182054	IDH2	-1.5	5.05E-18	isocitrate dehydrogenase (NADP(+)) 2
ENSG00000135476	ESPL1	-1.5	1.73E-30	extra spindle pole bodies like 1 2C separase
ENSG00000066735	KIF26A	-1.5	4.79E-21	kinesin family member 26A
ENSG00000108924	HLF	-1.5	0.020805	HLF transcription factor 2C PAR bZIP family member
ENSG00000141510	TP53	-1.5	3.72E-28	tumor protein p53
ENSG00000138092	CENPO	-1.5	3.49E-42	centromere protein O
ENSG00000025770	NCAPH2	-1.5	3.48E-37	non-SMC condensin II complex subunit H2
ENSG00000210127	MT-TA	-1.5	0.0227838	mitochondrially encoded tRNA-Ala (GCN)
ENSG00000169972	PUSL1	-1.5	1.16E-20	pseudouridine synthase like 1
ENSG00000109881	CCDC34	-1.5	8.06E-30	coiled-coil domain containing 34
ENSG00000234602	MCIDAS	-1.5	2.96E-18	multiciliate differentiation and DNA synthesis associated cell cycle protein
ENSG00000163535	SGO2	-1.5	9.61E-08	shugoshin 2
ENSG00000108797	CNTNAP1	-1.5	1.82E-17	contactin associated protein 1
ENSG00000184307	ZDHHC23	-1.5	1.65E-16	zinc finger DHHC-type palmitoyltransferase 23
ENSG00000188001	TPRG1	-1.5	0.0254663	tumor protein p63 regulated 1
ENSG00000248873	SERBP1P6	-1.5	0.0060007	SERPINE1 mRNA binding protein 1 pseudogene 6
ENSG00000272338	-	-1.5	0.0008466	novel transcript
ENSG00000258471	-	-1.5	0.0294993	novel transcript 2C antisense to SLC39A2
ENSG00000267030	-	-1.5	1.37E-05	novel transcript 2C antisense to UBXL6
ENSG00000221539	SNORD99	-1.5	0.0437489	small nucleolar RNA 2C C/D box 99
ENSG00000131094	CIQL1	-1.5	1.05E-06	complement C1q like 1
ENSG00000170558	CDH2	-1.5	5.91E-05	cadherin 2
ENSG00000252827	RN7SKP11	-1.5	0.0491014	RN7SK pseudogene 11
ENSG00000278133	-	-1.5	0.0031668	novel transcript 2C sense intronic to KAT8
ENSG00000196872	CRACDL	-1.5	3.79E-08	CRACD like
ENSG00000255139	-	-1.5	0.001202	novel transcript
ENSG00000186193	SAPCD2	-1.5	1.70E-25	suppressor APC domain containing 2
ENSG00000107554	DNMBP	-1.5	6.07E-34	dynamamin binding protein

ENSG00000110042	DTX4	-1.5	6.19E-22	deltex E3 ubiquitin ligase 4
ENSG00000167393	PPP2R3B	-1.5	2.16E-36	protein phosphatase 2 regulatory subunit B''beta
ENSG00000144827	ABHD10	-1.5	4.63E-49	abhydrolase domain containing 10 2C depalmitoylase
ENSG00000137135	ARHGEF39	-1.5	1.61E-35	Rho guanine nucleotide exchange factor 39
ENSG00000168028	RPSA	-1.5	2.10E-18	ribosomal protein SA
ENSG00000138629	UBL7	-1.5	4.14E-25	ubiquitin like 7
ENSG00000261373	VPS9D1-AS1	-1.5	4.40E-14	VPS9D1 antisense RNA 1
ENSG00000051596	THOC3	-1.5	2.35E-35	THO complex 3
ENSG00000254165	-	-1.5	0.0145931	novel transcript
ENSG00000123473	STIL	-1.5	6.60E-35	STIL centriolar assembly protein
ENSG00000204564	C6orf136	-1.5	1.66E-30	chromosome 6 open reading frame 136
ENSG00000188807	TMEM201	-1.5	5.09E-32	transmembrane protein 201
ENSG00000116679	IVNS1ABP	-1.5	2.08E-34	influenza virus NS1A binding protein
ENSG00000138030	KHK	-1.5	6.48E-12	ketoheokinase
ENSG00000239887	C1orf226	-1.5	8.44E-45	chromosome 1 open reading frame 226
ENSG00000081791	DELE1	-1.5	2.92E-66	DAP3 binding cell death enhancer 1
ENSG00000156876	SASS6	-1.5	1.71E-11	SAS-6 centriolar assembly protein
ENSG00000197258	EIF4BP6	-1.5	2.30E-48	eukaryotic translation initiation factor 4B pseudogene 6
ENSG00000224837	GCSHP5	-1.5	2.25E-26	glycine cleavage system protein H pseudogene 5
ENSG00000170017	ALCAM	-1.5	1.07E-20	activated leukocyte cell adhesion molecule
ENSG00000204529	GUCY2EP	-1.5	7.32E-08	guanylate cyclase 2E 2C pseudogene
ENSG00000196497	IPO4	-1.5	3.15E-14	importin 4
ENSG00000149328	GLB1L2	-1.5	1.28E-23	galactosidase beta 1 like 2
ENSG00000130592	LSP1	-1.5	0.0190513	lymphocyte specific protein 1
ENSG00000128228	SDF2L1	-1.5	3.69E-17	stromal cell derived factor 2 like 1
ENSG00000234742	-	-1.5	0.0108512	ribosomal protein L17 (RPL17) pseudogene
ENSG0000012048	BRCA1	-1.5	1.31E-16	BRCA1 DNA repair associated
ENSG00000108883	EFTUD2	-1.5	2.39E-48	elongation factor Tu GTP binding domain containing 2
ENSG00000213599	SLX1A-SULT1A3	-1.5	0.0042108	SLX1A-SULT1A3 readthrough (NMD candidate)
ENSG00000123136	DDX39A	-1.5	1.60E-25	DEdD-box helicase 39A
ENSG00000205041	-	-1.5	0.0016537	novel transcript 2C sense intronic to AKT2
ENSG00000277837	-	-1.5	2.79E-12	novel transcript
ENSG00000176834	VSIG10	-1.5	2.36E-41	V-set and immunoglobulin domain containing 10
ENSG00000087191	PSMC5	-1.5	1.91E-83	proteasome 26S subunit 2C ATPase 5
ENSG00000270605	-	-1.5	0.0001449	novel transcript
ENSG00000134569	LRP4	-1.5	6.19E-36	LDL receptor related protein 4
ENSG00000076003	MCM6	-1.5	4.13E-121	minichromosome maintenance complex component 6
ENSG00000278540	ACACA	-1.5	6.95E-35	acetyl-CoA carboxylase alpha
ENSG00000167397	VKORC1	-1.5	1.02E-28	vitamin K epoxide reductase complex subunit 1
ENSG00000167619	TMEM145	-1.5	0.0105707	transmembrane protein 145
ENSG00000114378	HYAL1	-1.5	1.75E-38	hyaluronidase 1
ENSG00000278291	-	-1.5	1.36E-06	novel transcript 2C antisense to IL17D
ENSG00000070159	PTPN3	-1.5	2.18E-24	protein tyrosine phosphatase non-receptor type 3
ENSG00000189077	TMEM120A	-1.5	4.62E-27	transmembrane protein 120A
ENSG00000162174	ASRGL1	-1.5	8.41E-22	asparaginase and isoaspartyl peptidase 1
ENSG00000234264	DEPDC1-AS1	-1.5	0.0279245	DEPDC1 antisense RNA 1

ENSG00000251432	LINC02615	-1.5	0.0002439	long intergenic non-protein coding RNA 2615
ENSG00000176454	LPCAT4	-1.5	2.39E-43	lysophosphatidylcholine acyltransferase 4
ENSG00000279342	-	-1.5	0.0105709	novel transcript 2C sense intronic to MSANTD2
ENSG00000116161	CACYBP	-1.5	6.10E-110	calcyclin binding protein
ENSG00000074582	BCS1L	-1.5	1.44E-33	BCS1 homolog 2C ubiquinol-cytochrome c reductase complex chaperone
ENSG00000269888	-	-1.5	0.0213846	novel transcript
ENSG00000174327	SLC16A13	-1.5	1.05E-23	solute carrier family 16 member 13
ENSG00000180098	TRNAU1AP	-1.5	6.01E-49	tRNA selenocysteine 1 associated protein 1
ENSG00000163832	ELP6	-1.5	2.33E-32	elongator acetyltransferase complex subunit 6
ENSG00000103089	FA2H	-1.5	3.86E-37	fatty acid 2-hydroxylase
ENSG00000105866	SP4	-1.5	1.53E-19	Sp4 transcription factor
ENSG00000004660	CAMKK1	-1.5	6.60E-54	calcium/calmodulin dependent protein kinase kinase 1
ENSG00000160949	TONSL	-1.5	1.41E-39	tonsoku like 2C DNA repair protein
ENSG00000203995	ZYG11A	-1.5	1.14E-39	zyg-11 family member A 2C cell cycle regulator
ENSG00000205084	TMEM231	-1.5	2.66E-40	transmembrane protein 231
ENSG00000166704	ZNF606	-1.5	0.0003833	zinc finger protein 606
ENSG00000137807	KIF23	-1.5	3.67E-31	kinesin family member 23
ENSG00000155229	MMS19	-1.5	5.97E-32	MMS19 homolog 2C cytosolic iron-sulfur assembly component
ENSG00000148459	PDSS1	-1.5	1.77E-22	decaprenyl diphosphate synthase subunit 1
ENSG00000245213	-	-1.5	0.0001838	novel transcript 2C antisense to GALNT7
ENSG00000134824	FADS2	-1.5	1.02E-38	fatty acid desaturase 2
ENSG00000198805	PNP	-1.5	1.50E-33	purine nucleoside phosphorylase
ENSG00000129347	KRI1	-1.5	8.64E-97	KRI1 homolog
ENSG00000085063	CD59	-1.5	6.34E-104	CD59 molecule (CD59 blood group)
ENSG00000278987	-	-1.5	0.0176085	TEC
ENSG00000164199	ADGRV1	-1.5	0.0007202	adhesion G protein-coupled receptor V1
ENSG00000116649	SRM	-1.5	1.47E-31	spermidine synthase
ENSG00000124193	SRSF6	-1.5	8.51E-29	serine and arginine rich splicing factor 6
ENSG00000143476	DTL	-1.5	2.72E-88	denticleless E3 ubiquitin protein ligase homolog
ENSG00000170430	MGMT	-1.5	2.68E-23	O-6-methylguanine-DNA methyltransferase
ENSG00000114942	EEF1B2	-1.5	1.67E-45	eukaryotic translation elongation factor 1 beta 2
ENSG00000185813	PCYT2	-1.5	1.11E-33	phosphate cytidylyltransferase 2 2C ethanolamine
ENSG00000234327	ZNF232-AS1	-1.5	3.11E-20	ZNF232 antisense RNA 1
ENSG00000272468	-	-1.5	0.0002026	novel transcript
ENSG00000283041	-	-1.5	1.43E-22	eukaryotic translation elongation factor 1 gamma (
ENSG00000107938	EDRF1	-1.5	1.67E-29	erythroid differentiation regulatory factor 1
ENSG00000107331	ABCA2	-1.5	1.10E-39	ATP binding cassette subfamily A member 2
ENSG00000205871	RPS3AP47	-1.5	5.26E-06	RPS3A pseudogene 47
ENSG00000155792	DEPTOR	-1.5	5.29E-41	DEP domain containing MTOR interacting protein
ENSG00000278619	MRM1	-1.5	2.69E-20	mitochondrial rRNA methyltransferase 1
ENSG00000006625	GGCT	-1.5	5.84E-98	gamma-glutamylcyclotransferase
ENSG00000130024	PHF10	-1.5	4.59E-39	PHD finger protein 10
ENSG00000225506	CYP4A22-AS1	-1.5	0.0431012	CYP4A22 antisense RNA 1
ENSG00000168453	HR	-1.5	1.27E-33	HR lysine demethylase and nuclear receptor corepressor
ENSG00000104881	PPP1R13L	-1.5	3.58E-30	protein phosphatase 1 regulatory subunit 13 like

ENSG00000143590	EFNA3	-1.5	2.56E-13	ephrin A3
ENSG00000285053	TBCE	-1.5	3.00E-12	tubulin folding cofactor E
ENSG00000138744	NAAA	-1.5	8.19E-44	N-acylethanolamine acid amidase
ENSG00000125637	PSD4	-1.5	4.32E-28	pleckstrin and Sec7 domain containing 4
ENSG00000172053	QARS1	-1.5	8.88E-35	glutaminyl-tRNA synthetase 1
ENSG00000141295	SCRN2	-1.5	9.76E-25	secernin 2
ENSG00000067992	PDK3	-1.5	1.88E-22	pyruvate dehydrogenase kinase 3
ENSG00000107984	DKK1	-1.5	2.54E-34	dickkopf WNT signaling pathway inhibitor 1
ENSG00000261096	-	-1.5	0.0083353	novel transcript
ENSG00000090889	KIF4A	-1.4	2.04E-60	kinesin family member 4A
ENSG00000146530	VWDE	-1.4	1.05E-05	von Willebrand factor D and EGF domains
ENSG00000072042	RDH11	-1.4	6.88E-82	retinol dehydrogenase 11
ENSG00000165572	KBTBD6	-1.4	5.19E-34	kelch repeat and BTB domain containing 6
ENSG00000076928	ARHGEF1	-1.4	1.62E-25	Rho guanine nucleotide exchange factor 1
ENSG00000107833	NPM3	-1.4	1.63E-21	nucleophosmin/nucleoplasmin 3
ENSG00000249471	ZNF324B	-1.4	2.02E-19	zinc finger protein 324B
ENSG00000154328	NEIL2	-1.4	3.35E-22	nei like DNA glycosylase 2
ENSG00000160345	C9orf116	-1.4	2.36E-18	chromosome 9 open reading frame 116
ENSG00000242338	BMS1P4	-1.4	0.0216775	BMS1 pseudogene 4
ENSG00000228519	RANBP1P1	-1.4	0.0190132	RANBP1 pseudogene 1
ENSG00000133069	TMCC2	-1.4	0.0001937	transmembrane and coiled-coil domain family 2
ENSG00000198727	MT-CYB	-1.4	1.00E-37	mitochondrially encoded cytochrome b
ENSG00000185829	ARL17A	-1.4	2.38E-05	ADP ribosylation factor like GTPase 17A
ENSG00000247092	SNHG10	-1.4	8.92E-16	small nucleolar RNA host gene 10
ENSG00000248905	FMN1	-1.4	5.01E-05	formin 1
ENSG00000094914	AAAS	-1.4	5.64E-35	aladin WD repeat nucleoporin
ENSG00000223784	LINP1	-1.4	2.67E-06	lncRNA in non-homologous end joining pathway 1
ENSG00000189343	RPS2P46	-1.4	6.72E-14	ribosomal protein S2 pseudogene 46
ENSG00000267152	-	-1.4	0.0016946	novel transcript
ENSG00000149308	NPAT	-1.4	1.61E-11	nuclear protein 2C coactivator of histone transcription
ENSG00000130175	PRKCSH	-1.4	1.07E-26	protein kinase C substrate 80K-H
ENSG00000204308	RNF5	-1.4	1.98E-23	ring finger protein 5
ENSG00000160284	SPATC1L	-1.4	1.00E-11	spermatogenesis and centriole associated 1 like
ENSG00000084774	CAD	-1.4	3.51E-27	carbamoyl-phosphate synthetase 2 2C aspartate transcarbamylase 2C and dihydroorotase
ENSG00000115641	FHL2	-1.4	6.99E-37	four and a half LIM domains 2
ENSG00000148362	PAXX	-1.4	1.82E-18	PAXX non-homologous end joining factor
ENSG00000182518	FAM104B	-1.4	8.96E-24	family with sequence similarity 104 member B
ENSG00000083720	OXCT1	-1.4	3.16E-54	3-oxoacid CoA-transferase 1
ENSG00000103145	HCFC1R1	-1.4	9.00E-19	host cell factor C1 regulator 1
ENSG00000182481	KPNA2	-1.4	5.91E-87	karyopherin subunit alpha 2
ENSG00000160285	LSS	-1.4	4.61E-39	lanosterol synthase
ENSG00000236088	COX10-AS1	-1.4	4.64E-12	COX10 antisense RNA 1
ENSG00000105552	BCAT2	-1.4	4.06E-23	branched chain amino acid transaminase 2
ENSG00000187630	DHRS4L2	-1.4	8.78E-21	dehydrogenase/reductase 4 like 2
ENSG00000111490	TBC1D30	-1.4	1.37E-16	TBC1 domain family member 30

ENSG00000280417	-	-1.4	3.47E-05	TEC
ENSG00000197744	PTMAP2	-1.4	2.44E-09	prothymosin alpha pseudogene 2
ENSG00000063601	MTMR1	-1.4	8.23E-43	myotubularin related protein 1
ENSG00000167840	ZNF232	-1.4	7.96E-33	zinc finger protein 232
ENSG00000251602	-	-1.4	3.07E-07	novel transcript 2C antisense to MTA1
ENSG00000102054	RBBP7	-1.4	2.66E-133	RB binding protein 7 2C chromatin remodeling factor
ENSG00000249485	RBBP4P1	-1.4	8.08E-10	RBBP4 pseudogene 1
ENSG00000172469	MANEA	-1.4	3.23E-19	mannosidase endo-alpha
ENSG00000005156	LIG3	-1.4	8.00E-38	DNA ligase 3
ENSG00000123416	TUBA1B	-1.4	1.28E-21	tubulin alpha 1b
ENSG00000244187	TMEM141	-1.4	1.98E-19	transmembrane protein 141
ENSG00000081052	COL4A4	-1.4	2.99E-36	collagen type IV alpha 4 chain
ENSG00000266967	AARSD1	-1.4	1.01E-15	alanyl-tRNA synthetase domain containing 1
ENSG00000229953	-	-1.4	3.26E-40	novel transcript
ENSG00000085276	MECOM	-1.4	9.98E-17	MDS1 and EVI1 complex locus
ENSG00000173083	HPSE	-1.4	4.99E-15	heparanase
ENSG00000159921	GNE	-1.4	8.97E-22	glucosamine (UDP-N-acetyl)-2-epimerase/N-acetylmannosamine kinase
ENSG00000031081	ARHGAP31	-1.4	0.0292439	Rho GTPase activating protein 31
ENSG00000099899	TRMT2A	-1.4	6.28E-28	tRNA methyltransferase 2 homolog A
ENSG00000246859	STARD4-AS1	-1.4	0.0022229	STARD4 antisense RNA 1
ENSG00000244625	MIATNB	-1.4	0.0002177	MIAT neighbor
ENSG00000273604	EPOP	-1.4	1.13E-30	elongin BC and polycomb repressive complex 2 associated protein
ENSG00000166263	STXBP4	-1.4	2.43E-08	syntaxin binding protein 4
ENSG00000230679	ENO1-AS1	-1.4	0.0132442	ENO1 antisense RNA 1
ENSG00000168237	GLYCK	-1.4	1.03E-17	glycerate kinase
ENSG00000246465	-	-1.4	6.35E-05	novel transcript LOC100506705
ENSG00000239306	RBM14	-1.4	1.34E-25	RNA binding motif protein 14
ENSG00000182950	ODF3L1	-1.4	0.0063	outer dense fiber of sperm tails 3 like 1
ENSG00000123600	METTL8	-1.4	3.04E-37	methyltransferase like 8
ENSG00000198743	SLC5A3	-1.4	5.77E-05	solute carrier family 5 member 3
ENSG00000273230	-	-1.4	7.89E-14	novel transcript
ENSG00000243926	TIPARP-AS1	-1.4	4.90E-07	TIPARP antisense RNA 1
ENSG00000214595	EML6	-1.4	6.73E-11	EMAP like 6
ENSG00000174442	ZWILCH	-1.4	5.88E-36	zwilch kinetochore protein
ENSG00000108984	MAP2K6	-1.4	1.50E-27	mitogen-activated protein kinase kinase 6
ENSG00000143995	MEIS1	-1.4	5.38E-15	Meis homeobox 1
ENSG00000210196	MT-TP	-1.4	1.54E-05	mitochondrially encoded tRNA-Pro (CCN)
ENSG00000266507	MIR4479	-1.4	0.0441439	microRNA 4479
ENSG00000133739	LRRCC1	-1.4	4.74E-07	leucine rich repeat and coiled-coil centrosomal protein 1
ENSG00000132780	NASP	-1.4	3.37E-69	nuclear autoantigenic sperm protein
ENSG00000274276	CBSL	-1.4	4.70E-07	cystathionine beta-synthase like
ENSG00000272808	-	-1.4	5.16E-20	novel transcript
ENSG00000227963	RBM15-AS1	-1.4	2.33E-09	RBM15 antisense RNA 1
ENSG00000250802	ZBED3-AS1	-1.4	9.63E-06	ZBED3 antisense RNA 1
ENSG00000137804	NUSAP1	-1.4	5.32E-10	nucleolar and spindle associated protein 1

ENSG00000102780	DGKH	-1.4	0.000833	diacylglycerol kinase eta
ENSG00000111679	PTPN6	-1.4	2.85E-21	protein tyrosine phosphatase non-receptor type 6
ENSG00000235313	HM13-IT1	-1.4	0.0476268	HM13 intronic transcript 1
ENSG00000236992	RPL12P12	-1.4	0.0036757	ribosomal protein L12 pseudogene 12
ENSG00000089006	SNX5	-1.4	1.04E-74	sorting nexin 5
ENSG00000102977	ACD	-1.4	2.49E-25	ACD shelterin complex subunit and telomerase recruitment factor
ENSG00000130304	SLC27A1	-1.4	1.12E-07	solute carrier family 27 member 1
ENSG00000016391	CHDH	-1.4	6.11E-26	choline dehydrogenase
ENSG00000131269	ABCB7	-1.4	1.16E-46	ATP binding cassette subfamily B member 7
ENSG00000153406	NMRAL1	-1.4	1.29E-26	NmrA like redox sensor 1
ENSG00000156136	DCK	-1.4	2.34E-38	deoxycytidine kinase
ENSG00000204628	RACK1	-1.4	9.72E-27	receptor for activated C kinase 1
ENSG00000111602	TIMELESS	-1.4	1.89E-46	timeless circadian regulator
ENSG00000183386	FHL3	-1.4	4.78E-27	four and a half LIM domains 3
ENSG00000023041	ZDHHC6	-1.4	1.02E-23	zinc finger DHHC-type palmitoyltransferase 6
ENSG00000273568	-	-1.4	0.0015609	novel transcript 2C sense intronic to PUS1
ENSG00000266010	GATA6-AS1	-1.4	0.013245	GATA6 antisense RNA 1 (head to head)
ENSG00000133488	SEC14L4	-1.4	3.27E-10	SEC14 like lipid binding 4
ENSG00000175602	CCDC85B	-1.4	1.02E-11	coiled-coil domain containing 85B
ENSG00000170482	SLC23A1	-1.4	2.77E-06	solute carrier family 23 member 1
ENSG00000199753	SNORD104	-1.4	0.0001835	small nucleolar RNA 2C C/D box 104
ENSG00000058804	NDC1	-1.4	1.79E-93	NDC1 transmembrane nucleoporin
ENSG00000189144	ZNF573	-1.4	5.35E-06	zinc finger protein 573
ENSG00000236364	-	-1.4	0.0006736	novel transcript 2C antisense to UCK2
ENSG00000109674	NEIL3	-1.4	2.34E-17	nei like DNA glycosylase 3
ENSG00000268061	NAPA-AS1	-1.4	1.40E-06	NAPA antisense RNA 1
ENSG00000198804	MT-CO1	-1.4	1.17E-41	mitochondrially encoded cytochrome c oxidase I
ENSG00000214706	IFRD2	-1.4	2.00E-23	interferon related developmental regulator 2
ENSG00000267374	MIR924HG	-1.4	2.18E-05	MIR924 host gene
ENSG00000165264	NDUFB6	-1.4	1.51E-32	NADH:ubiquinone oxidoreductase subunit B6
ENSG00000079819	EPB41L2	-1.4	7.01E-52	erythrocyte membrane protein band 4.1 like 2
ENSG00000183647	ZNF530	-1.4	2.22E-10	zinc finger protein 530
ENSG00000165181	SHOC1	-1.4	0.0042633	shortage in chiasmata 1
ENSG00000139239	RPL14P1	-1.4	3.31E-35	ribosomal protein L14 pseudogene 1
ENSG00000224546	EIF4BP3	-1.4	1.19E-23	eukaryotic translation initiation factor 4B pseudogene 3
ENSG00000140988	RPS2	-1.4	1.84E-15	ribosomal protein S2
ENSG00000159063	ALG8	-1.4	1.09E-84	ALG8 alpha-1 2C3-glucosyltransferase
ENSG00000265917	MIR3685	-1.4	0.0044851	microRNA 3685
ENSG00000205639	MFSD2B	-1.4	0.0001586	major facilitator superfamily domain containing 2B
ENSG00000100350	FOXRED2	-1.4	3.00E-30	FAD dependent oxidoreductase domain containing 2
ENSG00000267432	DNAH17-AS1	-1.4	4.15E-26	DNAH17 antisense RNA 1
ENSG00000125459	MSTO1	-1.4	2.36E-28	misato mitochondrial distribution and morphology regulator 1
ENSG00000130193	THEM6	-1.4	8.71E-21	thioesterase superfamily member 6
ENSG00000187325	TAF9B	-1.4	3.85E-35	TATA-box binding protein associated factor 9b
ENSG00000133433	GSTT2B	-1.4	5.29E-22	glutathione S-transferase theta 2B

ENSG00000128973	CLN6	-1.4	2.13E-23	CLN6 transmembrane ER protein
ENSG00000243207	PPAN-P2RY11	-1.4	3.61E-05	PPAN-P2RY11 readthrough
ENSG00000164985	PSIP1	-1.4	3.30E-45	PC4 and SFRS1 interacting protein 1
ENSG00000122873	CISD1	-1.4	3.50E-66	CDGSH iron sulfur domain 1
ENSG00000100979	PLTP	-1.4	3.85E-05	phospholipid transfer protein
ENSG00000001630	CYP51A1	-1.4	8.06E-56	cytochrome P450 family 51 subfamily A member 1
ENSG00000205810	KLRC3	-1.4	1.26E-05	killer cell lectin like receptor C3
ENSG00000187098	MITF	-1.4	6.89E-24	melanocyte inducing transcription factor
ENSG00000101974	ATP11C	-1.4	4.23E-07	ATPase phospholipid transporting 11C
ENSG00000120697	ALG5	-1.4	7.59E-55	ALG5 dolichyl-phosphate beta-glucosyltransferase
ENSG00000100151	PICK1	-1.4	2.39E-28	protein interacting with PRKCA 1
ENSG00000286385	-	-1.4	9.95E-13	novel transcript
ENSG00000238105	GOLGA2P5	-1.4	0.0023694	GOLGA2 pseudogene 5
ENSG00000132199	ENOSF1	-1.4	7.99E-22	enolase superfamily member 1
ENSG00000147394	ZNF185	-1.4	3.68E-36	zinc finger protein 185 with LIM domain
ENSG00000234160	-	-1.4	3.07E-16	novel transcript
ENSG00000163468	CCT3	-1.4	1.64E-31	chaperonin containing TCP1 subunit 3
ENSG00000171307	ZDHHHC16	-1.4	2.31E-32	zinc finger DHHC-type palmitoyltransferase 16
ENSG00000099901	RANBP1	-1.4	1.08E-36	RAN binding protein 1
ENSG00000148840	PPRC1	-1.4	1.86E-52	PPARG related coactivator 1
ENSG00000253729	PRKDC	-1.4	9.60E-23	protein kinase 2C DNA-activated 2C catalytic subunit
ENSG00000100129	EIF3L	-1.4	1.10E-52	eukaryotic translation initiation factor 3 subunit L
ENSG00000198589	LRBA	-1.4	5.70E-07	LPS responsive beige-like anchor protein
ENSG00000258725	PRC1-AS1	-1.4	1.85E-07	PRC1 antisense RNA 1
ENSG00000138668	HNRNPD	-1.4	7.89E-105	heterogeneous nuclear ribonucleoprotein D
ENSG00000076248	UNG	-1.4	2.43E-28	uracil DNA glycosylase
ENSG00000136824	SMC2	-1.4	1.08E-12	structural maintenance of chromosomes 2
ENSG00000100353	EIF3D	-1.4	2.11E-42	eukaryotic translation initiation factor 3 subunit D
ENSG00000138180	CEP55	-1.4	1.12E-29	centrosomal protein 55
ENSG00000063046	EIF4B	-1.4	2.58E-87	eukaryotic translation initiation factor 4B
ENSG00000144677	CTDSPL	-1.4	7.90E-49	CTD small phosphatase like
ENSG00000231369	-	-1.4	0.0001516	ribosomal protein L15 (RPL15) pseudogene
ENSG00000254389	RHPN1-AS1	-1.4	2.08E-06	RHPN1 antisense RNA 1 (head to head)
ENSG00000181192	DHTKD1	-1.4	1.01E-47	dehydrogenase E1 and transketolase domain containing 1
ENSG00000255277	ABCC6P2	-1.4	0.0152126	ATP binding cassette subfamily C member 6 pseudogene 2
ENSG00000173599	PC	-1.4	2.55E-38	pyruvate carboxylase
ENSG00000147274	RBMX	-1.4	2.02E-125	RNA binding motif protein X-linked
ENSG00000104368	PLAT	-1.4	2.32E-23	plasminogen activator 2C tissue type
ENSG00000165105	RASEF	-1.4	4.94E-24	RAS and EF-hand domain containing
ENSG00000137106	GRHPR	-1.4	1.79E-30	glyoxylate and hydroxypyruvate reductase
ENSG00000088325	TPX2	-1.4	1.47E-73	TPX2 microtubule nucleation factor
ENSG00000125450	NUP85	-1.4	5.02E-31	nucleoporin 85
ENSG00000245322	H2AZ1-DT	-1.4	5.27E-12	H2AZ1 divergent transcript
ENSG00000213385	-	-1.4	0.0006642	ribosomal protein L7a (RPL7A) pseudogene
ENSG00000102743	SLC25A15	-1.4	1.10E-33	solute carrier family 25 member 15
ENSG00000171163	ZNF692	-1.4	2.52E-44	zinc finger protein 692

ENSG00000081026	MAGI3	-1.4	2.57E-13	membrane associated guanylate kinase 2C WW and PDZ domain containing 3
ENSG00000182141	ZNF708	-1.4	2.97E-05	zinc finger protein 708
ENSG00000060140	STYK1	-1.4	6.72E-10	serine/threonine/tyrosine kinase 1
ENSG00000204860	FAM201A	-1.4	0.0042722	family with sequence similarity 201 member A
ENSG00000214026	MRPL23	-1.4	0.0035378	mitochondrial ribosomal protein L23
ENSG00000197959	DNM3	-1.4	4.59E-06	dynamamin 3
ENSG00000108641	B9D1	-1.4	1.92E-23	B9 domain containing 1
ENSG00000100802	C14orf93	-1.4	3.92E-18	chromosome 14 open reading frame 93
ENSG00000283689	-	-1.4	0.0002319	novel transcript 2C antisense to IRX3
ENSG00000183684	ALYREF	-1.4	2.14E-16	Aly/REF export factor
ENSG00000261326	LINC01355	-1.4	0.0156091	long intergenic non-protein coding RNA 1355
ENSG00000213654	GPSM3	-1.4	0.008998	G protein signaling modulator 3
ENSG00000230524	COL6A4P1	-1.4	0.0316695	collagen type VI alpha 4 pseudogene 1
ENSG00000111319	SCNN1A	-1.4	2.18E-17	sodium channel epithelial 1 subunit alpha
ENSG00000140854	KATNB1	-1.4	3.15E-28	katanin regulatory subunit B1
ENSG00000141480	ARRB2	-1.4	4.39E-22	arrestin beta 2
ENSG00000146410	MTFR2	-1.4	1.70E-15	mitochondrial fission regulator 2
ENSG00000264350	SNRPGP2	-1.4	0.0003715	small nuclear ribonucleoprotein polypeptide G pseudogene 2
ENSG00000142694	EVA1B	-1.4	1.82E-12	eva-1 homolog B
ENSG00000196843	ARID5A	-1.4	8.74E-14	AT-rich interaction domain 5A
ENSG00000258366	RTEL1	-1.3	7.96E-05	regulator of telomere elongation helicase 1
ENSG00000177738	-	-1.3	8.05E-31	novel transcript 2C sense overlapping to ANXA2R
ENSG00000091428	RAPGEF4	-1.3	0.0263506	Rap guanine nucleotide exchange factor 4
ENSG00000233483	EFCAB15P	-1.3	0.0002926	EF-hand calcium binding domain 15 2C pseudogene
ENSG00000260879	-	-1.3	0.0116751	novel transcript 2C antisense to SLC25A24
ENSG00000127399	LRRC61	-1.3	1.96E-19	leucine rich repeat containing 61
ENSG00000110063	DCPS	-1.3	1.10E-25	decapping enzyme 2C scavenger
ENSG00000102981	PARD6A	-1.3	9.81E-13	par-6 family cell polarity regulator alpha
ENSG00000105220	GPI	-1.3	3.68E-26	glucose-6-phosphate isomerase
ENSG00000142676	RPL11	-1.3	4.63E-32	ribosomal protein L11
ENSG00000026036	RTEL1-TNFRSF6B	-1.3	0.001429	RTEL1-TNFRSF6B readthrough (NMD candidate)
ENSG00000159905	ZNF221	-1.3	0.0107666	zinc finger protein 221
ENSG00000073111	MCM2	-1.3	4.82E-18	minichromosome maintenance complex component 2
ENSG00000255819	KLRC4-KLRK1	-1.3	0.0381148	KLRC4-KLRK1 readthrough
ENSG00000141569	TRIM65	-1.3	1.68E-30	tripartite motif containing 65
ENSG00000220472	-	-1.3	9.76E-10	ribosomal protein S3 (RPS3) pseudogene
ENSG00000198826	ARHGAP11A	-1.3	7.09E-15	Rho GTPase activating protein 11A
ENSG00000164104	HMGB2	-1.3	7.30E-44	high mobility group box 2
ENSG00000002746	HECW1	-1.3	0.0003588	HECT 2C C2 and WW domain containing E3 ubiquitin protein ligase 1
ENSG00000103995	CEP152	-1.3	0.0022666	centrosomal protein 152
ENSG00000135763	URB2	-1.3	1.80E-30	URB2 ribosome biogenesis homolog
ENSG00000165526	RPUSD4	-1.3	2.27E-22	RNA pseudouridine synthase D4
ENSG00000112996	MRPS30	-1.3	4.86E-78	mitochondrial ribosomal protein S30
ENSG00000229852	-	-1.3	3.07E-05	novel transcript 2C antisense to KHDC1
ENSG00000152795	HNRNPDL	-1.3	5.69E-43	heterogeneous nuclear ribonucleoprotein D like

ENSG00000258655	ARHGAP5-AS1	-1.3	1.08E-05	ARHGAP5 antisense RNA 1 (head to head)
ENSG00000172340	SUCLG2	-1.3	2.28E-48	succinate-CoA ligase GDP-forming subunit beta
ENSG00000171606	ZNF274	-1.3	3.90E-28	zinc finger protein 274
ENSG00000142347	MYO1F	-1.3	0.0180982	myosin IF
ENSG00000124334	IL9R	-1.3	0.0225685	interleukin 9 receptor
ENSG00000167747	C19orf48	-1.3	1.37E-13	chromosome 19 open reading frame 48
ENSG00000172159	FRMD3	-1.3	6.47E-18	FERM domain containing 3
ENSG00000155463	OXA1L	-1.3	9.82E-33	OXA1L mitochondrial inner membrane protein
ENSG00000272405	-	-1.3	1.54E-44	novel transcript 2C antisense to BCAN
ENSG00000214160	ALG3	-1.3	2.83E-21	ALG3 alpha-1 2C3- mannosyltransferase
ENSG00000224505	-	-1.3	0.0048741	novel transcript 2C antisense to HEXIM1 and HEXIM2
ENSG00000277283	-	-1.3	2.97E-12	novel transcript 2C antisense to RAB35
ENSG00000021762	OSBPL5	-1.3	5.66E-24	oxysterol binding protein like 5
ENSG00000227896	-	-1.3	2.52E-05	novel transcript
ENSG00000196436	NP1PB15	-1.3	0.0013259	nuclear pore complex interacting protein family member B15
ENSG00000184207	PGP	-1.3	1.15E-16	phosphoglycolate phosphatase
ENSG00000250479	CHCHD10	-1.3	3.06E-13	coiled-coil-helix-coiled-coil-helix domain containing 10
ENSG00000108468	CBX1	-1.3	2.16E-55	chromobox 1
ENSG00000174444	RPL4	-1.3	2.24E-25	ribosomal protein L4
ENSG00000197969	VPS13A	-1.3	0.0103482	vacuolar protein sorting 13 homolog A
ENSG00000103037	SETD6	-1.3	3.86E-27	SET domain containing 6 2C protein lysine methyltransferase
ENSG00000244558	KCNK15-AS1	-1.3	0.0024612	KCNK15 and WISP2 antisense RNA 1
ENSG00000268093	-	-1.3	1.48E-06	novel transcript 2C antisense to SPHK2
ENSG00000123095	BHLHE41	-1.3	3.39E-05	basic helix-loop-helix family member e41
ENSG00000197070	ARRDC1	-1.3	6.44E-25	arrestin domain containing 1
ENSG00000231527	FAM27C	-1.3	7.86E-07	family with sequence similarity 27 member C
ENSG00000140395	WDR61	-1.3	8.48E-32	WD repeat domain 61
ENSG00000152082	MZT2B	-1.3	2.56E-06	mitotic spindle organizing protein 2B
ENSG00000156802	ATAD2	-1.3	2.21E-18	ATPase family AAA domain containing 2
ENSG00000138777	PPA2	-1.3	1.58E-57	inorganic pyrophosphatase 2
ENSG00000154822	PLCL2	-1.3	2.03E-15	phospholipase C like 2
ENSG00000271576	PRKACB-DT	-1.3	0.0005814	PRKACB divergent transcript
ENSG00000224081	SLC44A3-AS1	-1.3	0.0340168	SLC44A3 antisense RNA 1
ENSG00000213390	ARHGAP19	-1.3	1.15E-17	Rho GTPase activating protein 19
ENSG00000164649	CDCA7L	-1.3	2.34E-46	cell division cycle associated 7 like
ENSG00000197385	ZNF860	-1.3	8.08E-08	zinc finger protein 860
ENSG00000235194	PPP1R3E	-1.3	4.75E-15	protein phosphatase 1 regulatory subunit 3E
ENSG00000111206	FOXM1	-1.3	6.32E-22	forkhead box M1
ENSG00000136877	FPGS	-1.3	2.15E-33	folylpolyglutamate synthase
ENSG00000103091	WDR59	-1.3	1.07E-38	WD repeat domain 59
ENSG00000231584	FAHD2CP	-1.3	4.73E-13	fumarylacetoacetate hydrolase domain containing 2C 2C pseudogene
ENSG00000176225	RTTN	-1.3	4.88E-21	rotatin
ENSG00000170298	LGALS9B	-1.3	0.0013539	galectin 9B
ENSG00000258017	-	-1.3	3.95E-11	novel transcript 2C antisense to TUBA1B
ENSG00000254469	-	-1.3	0.0001199	novel protein similar to transient receptor potential cation channel 2C subfamily C 2C member 2 TRPC2

ENSG00000216866	RPS2P55	-1.3	0.0002395	ribosomal protein S2 pseudogene 55
ENSG00000105875	WDR91	-1.3	4.38E-18	WD repeat domain 91
ENSG00000172500	FIBP	-1.3	2.98E-16	FGF1 intracellular binding protein
ENSG00000100445	SDR39U1	-1.3	1.28E-33	short chain dehydrogenase/reductase family 39U member 1
ENSG00000243517	-	-1.3	0.0113109	ribosomal protein L13a (RPL13A) pseudogene
ENSG00000164880	INTS1	-1.3	3.99E-34	integrator complex subunit 1
ENSG00000125375	DMAC2L	-1.3	1.62E-16	distal membrane arm assembly complex 2 like
ENSG00000162076	FLYWCH2	-1.3	3.50E-14	FLYWCH family member 2
ENSG00000101076	HNF4A	-1.3	5.36E-09	hepatocyte nuclear factor 4 alpha
ENSG00000240342	RPS2P5	-1.3	1.95E-14	ribosomal protein S2 pseudogene 5
ENSG00000133627	ACTR3B	-1.3	3.84E-26	actin related protein 3B
ENSG00000166965	RCCD1	-1.3	2.14E-25	RCC1 domain containing 1
ENSG00000258122	-	-1.3	0.0231522	novel transcript 2C antisense to CA7
ENSG00000237054	PRMT5-AS1	-1.3	0.0001625	PRMT5 antisense RNA 1
ENSG00000053501	USE1	-1.3	1.88E-21	unconventional SNARE in the ER 1
ENSG00000101473	ACOT8	-1.3	6.24E-24	acyl-CoA thioesterase 8
ENSG00000138771	SHROOM3	-1.3	2.48E-27	shroom family member 3
ENSG00000161036	LRWD1	-1.3	5.40E-24	leucine rich repeats and WD repeat domain containing 1
ENSG00000169031	COL4A3	-1.3	5.06E-30	collagen type IV alpha 3 chain
ENSG00000271870	-	-1.3	0.0160968	novel transcript 2C antisense to CRBN
ENSG00000104884	ERCC2	-1.3	1.37E-17	ERCC excision repair 2 2C TFIIH core complex helicase subunit
ENSG00000185305	ARL15	-1.3	2.72E-22	ADP ribosylation factor like GTPase 15
ENSG00000178057	NDUFAF3	-1.3	1.68E-26	NADH:ubiquinone oxidoreductase complex assembly factor 3
ENSG00000145088	EAF2	-1.3	1.08E-07	ELL associated factor 2
ENSG00000120833	SOCS2	-1.3	9.30E-14	suppressor of cytokine signaling 2
ENSG00000257718	CPNE8-AS1	-1.3	3.47E-05	CPNE8 antisense RNA 1
ENSG00000277182	-	-1.3	0.0048593	novel transcript 2C antisense to PCGF2
ENSG00000286219	NOTCH2NLC	-1.3	0.0028311	notch 2 N-terminal like C
ENSG00000101224	CDC25B	-1.3	8.05E-31	cell division cycle 25B
ENSG00000099812	MISP	-1.3	1.92E-16	mitotic spindle positioning
ENSG00000090273	NUDC	-1.3	1.60E-36	nuclear distribution C 2C dynein complex regulator
ENSG00000183605	SFXN4	-1.3	5.53E-21	sideroflexin 4
ENSG00000222011	FAM185A	-1.3	1.23E-14	family with sequence similarity 185 member A
ENSG00000120162	MOB3B	-1.3	4.88E-20	MOB kinase activator 3B
ENSG00000112379	ARFGEF3	-1.3	5.76E-13	ARFGEF family member 3
ENSG00000013573	DDX11	-1.3	3.39E-39	DEAD/H-box helicase 11
ENSG00000130413	STK33	-1.3	0.0010089	serine/threonine kinase 33
ENSG00000203667	COX20	-1.3	1.46E-37	cytochrome c oxidase assembly factor COX20
ENSG00000158062	UBXN11	-1.3	1.45E-33	UBX domain protein 11
ENSG00000237232	ZNF295-AS1	-1.3	2.89E-05	ZNF295 antisense RNA 1
ENSG00000100316	RPL3	-1.3	1.51E-23	ribosomal protein L3
ENSG00000286019	NOTCH2NLB	-1.3	1.45E-10	notch 2 N-terminal like B
ENSG00000146677	RPL32P18	-1.3	2.46E-06	ribosomal protein L32 pseudogene 18
ENSG00000148019	CEP78	-1.3	2.48E-12	centrosomal protein 78
ENSG00000228205	-	-1.3	0.0106068	ribosomal protein S3 (RPS3) pseudogene
ENSG00000198130	HIBCH	-1.3	2.56E-23	3-hydroxyisobutyryl-CoA hydrolase

ENSG00000116793	PHTF1	-1.3	6.40E-29	putative homeodomain transcription factor 1
ENSG00000243335	KCTD7	-1.3	4.14E-11	potassium channel tetramerization domain containing 7
ENSG00000241361	SLC25A24P1	-1.3	1.50E-07	SLC25A24 pseudogene 1
ENSG00000180884	ZNF792	-1.3	4.35E-18	zinc finger protein 792
ENSG00000007038	PRSS21	-1.3	3.55E-28	serine protease 21
ENSG00000204576	PRR3	-1.3	8.86E-25	proline rich 3
ENSG00000200879	SNORD14E	-1.3	0.0099501	small nucleolar RNA 2C C/D box 14E
ENSG00000130312	MRPL34	-1.3	4.71E-27	mitochondrial ribosomal protein L34
ENSG00000234335	RPS4XP11	-1.3	0.0406006	ribosomal protein S4X pseudogene 11
ENSG00000280670	CCDC163	-1.3	1.59E-12	coiled-coil domain containing 163
ENSG00000120802	TMPO	-1.3	8.43E-87	thymopoietin
ENSG00000140740	UQCRC2	-1.3	6.97E-79	ubiquinol-cytochrome c reductase core protein 2
ENSG00000198435	NRARP	-1.3	3.29E-09	NOTCH regulated ankyrin repeat protein
ENSG00000214784	RPS3AP21	-1.3	0.0038596	RPS3A pseudogene 21
ENSG00000182134	TDRKH	-1.3	3.17E-09	tudor and KH domain containing
ENSG00000134602	STK26	-1.3	2.70E-37	serine/threonine kinase 26
ENSG00000211454	AKR7L	-1.3	0.0016491	aldo-keto reductase family 7 like (gene/pseudogene)
ENSG00000182795	C1orf116	-1.3	0.0001435	chromosome 1 open reading frame 116
ENSG00000241945	PWP2	-1.3	6.51E-16	PWP2 small subunit processome component
ENSG00000264070	DND1P1	-1.3	0.0329781	DND microRNA-mediated repression inhibitor 1 pseudogene 1
ENSG00000244363	RPL7P23	-1.3	3.53E-05	ribosomal protein L7 pseudogene 23
ENSG00000155368	DBI	-1.3	7.60E-45	diazepam binding inhibitor 2C acyl-CoA binding protein
ENSG00000158169	FANCC	-1.3	3.42E-42	FA complementation group C
ENSG00000155755	TMEM237	-1.3	5.15E-28	transmembrane protein 237
ENSG00000272948	-	-1.3	0.0300662	novel transcript 2C antisense to DSCR3
ENSG00000123975	CKS2	-1.3	6.20E-25	CDC28 protein kinase regulatory subunit 2
ENSG00000184381	PLA2G6	-1.3	1.68E-26	phospholipase A2 group VI
ENSG00000065150	IPO5	-1.3	1.77E-84	importin 5
ENSG00000249790	-	-1.3	0.0459002	novel transcript
ENSG00000064205	CCN5	-1.3	2.90E-08	cellular communication network factor 5
ENSG00000064545	TMEM161A	-1.3	1.44E-23	transmembrane protein 161A
ENSG00000214425	LRRRC37A4P	-1.3	2.90E-08	leucine rich repeat containing 37 member A4 2C pseudogene
ENSG00000141959	PFKL	-1.3	2.50E-19	phosphofructokinase 2C liver type
ENSG00000235180	LINC00601	-1.3	0.0384569	long intergenic non-protein coding RNA 601
ENSG00000160446	ZDHHC12	-1.3	3.56E-14	zinc finger DHHC-type palmitoyltransferase 12
ENSG00000084092	NOA1	-1.3	2.43E-41	nitric oxide associated 1
ENSG00000110002	VWA5A	-1.3	3.18E-53	von Willebrand factor A domain containing 5A
ENSG00000156787	TBC1D31	-1.3	2.47E-23	TBC1 domain family member 31
ENSG00000173905	GOLIM4	-1.3	5.90E-25	golgi integral membrane protein 4
ENSG00000105254	TBCB	-1.3	1.59E-21	tubulin folding cofactor B
ENSG00000159147	DONSON	-1.3	7.97E-52	DNA replication fork stabilization factor DONSON
ENSG00000233901	LINC01503	-1.3	7.43E-18	long intergenic non-protein coding RNA 1503
ENSG00000243477	NAA80	-1.3	1.26E-21	N-alpha-acetyltransferase 80 2C NatH catalytic subunit
ENSG00000161999	JMJD8	-1.3	1.48E-24	jumonji domain containing 8
ENSG00000184661	CDCA2	-1.3	8.09E-35	cell division cycle associated 2

ENSG00000176124	DLEU1	-1.3	7.28E-24	deleted in lymphocytic leukemia 1
ENSG00000101210	EEF1A2	-1.3	2.03E-14	eukaryotic translation elongation factor 1 alpha 2
ENSG00000153904	DDAH1	-1.3	3.80E-68	dimethylarginine dimethylaminohydrolase 1
ENSG00000131188	PRR7	-1.3	2.67E-18	proline rich 7 2C synaptic
ENSG0000010278	CD9	-1.3	4.50E-43	CD9 molecule
ENSG00000187778	MCRS1	-1.3	8.76E-25	microspherule protein 1
ENSG00000106603	COA1	-1.3	3.45E-64	cytochrome c oxidase assembly factor 1 homolog
ENSG00000162194	LBHD1	-1.3	7.24E-22	LBH domain containing 1
ENSG00000171962	DRC3	-1.3	0.0375142	dynein regulatory complex subunit 3
ENSG00000232573	RPL3P4	-1.3	8.30E-28	ribosomal protein L3 pseudogene 4
ENSG00000132640	BTBD3	-1.3	9.55E-39	BTB domain containing 3
ENSG00000189159	JPT1	-1.3	3.06E-19	Jupiter microtubule associated homolog 1
ENSG00000184436	THAP7	-1.3	1.85E-26	THAP domain containing 7
ENSG00000242498	ARPIN	-1.3	2.84E-51	actin related protein 2/3 complex inhibitor
ENSG00000132436	FIGNL1	-1.3	6.37E-26	fidgetin like 1
ENSG00000197361	FBXL22	-1.3	0.0026922	F-box and leucine rich repeat protein 22
ENSG00000128891	CCDC32	-1.3	6.88E-25	coiled-coil domain containing 32
ENSG00000081913	PHLPP1	-1.3	3.68E-36	PH domain and leucine rich repeat protein phosphatase 1
ENSG00000158887	MPZ	-1.3	9.74E-05	myelin protein zero
ENSG00000204348	DXO	-1.3	1.09E-28	decapping exoribonuclease
ENSG00000156509	FBXO43	-1.3	4.39E-07	F-box protein 43
ENSG00000258759	-	-1.3	0.000237	DnaJ (Hsp40) homolog 2C subfamily C 2C member 9 (DNA-JC9) pseudogene
ENSG00000106263	EIF3B	-1.3	1.11E-35	eukaryotic translation initiation factor 3 subunit B
ENSG00000101361	NOP56	-1.3	3.12E-38	NOP56 ribonucleoprotein
ENSG00000143320	CRABP2	-1.3	1.56E-08	cellular retinoic acid binding protein 2
ENSG00000178814	OPLAH	-1.3	7.59E-15	5-oxoprolinase 2C ATP-hydrolysing
ENSG00000088727	KIF9	-1.3	1.87E-13	kinesin family member 9
ENSG00000180198	RCC1	-1.3	4.80E-37	regulator of chromosome condensation 1
ENSG00000263513	FAM72C	-1.3	5.21E-06	family with sequence similarity 72 member C
ENSG00000110074	FOXRED1	-1.3	6.22E-20	FAD dependent oxidoreductase domain containing 1
ENSG00000168298	H1-4	-1.3	8.05E-07	H1.4 linker histone 2C cluster member
ENSG00000189280	GJB5	-1.3	9.96E-15	gap junction protein beta 5
ENSG00000249572	-	-1.3	1.26E-07	novel transcript
ENSG00000170906	NDUFA3	-1.3	6.62E-32	NADH:ubiquinone oxidoreductase subunit A3
ENSG00000144199	FAHD2B	-1.3	2.86E-19	fumarylacetoacetate hydrolase domain containing 2B
ENSG00000178038	ALS2CL	-1.3	1.83E-22	ALS2 C-terminal like
ENSG00000162777	DENND2D	-1.3	5.50E-28	DENN domain containing 2D
ENSG00000263432	RN7SL689P	-1.3	0.0126298	RNA 2C 7SL 2C cytoplasmic 689 2C pseudogene
ENSG00000257489	-	-1.3	0.0010099	TBC1 domain family 2C member 2B (TBC1D2B) pseudogene
ENSG00000170779	CDCA4	-1.3	1.36E-26	cell division cycle associated 4
ENSG00000111669	TPI1	-1.3	2.41E-18	triosephosphate isomerase 1
ENSG00000248468	-	-1.3	0.0009821	novel transcript
ENSG00000164099	PRSS12	-1.3	8.14E-15	serine protease 12
ENSG00000273749	CYFIP1	-1.3	5.78E-80	cytoplasmic FMR1 interacting protein 1
ENSG00000118162	KPTN	-1.3	2.96E-16	kaptin 2C actin binding protein

ENSG00000198618	PPIAP22	-1.3	1.60E-25	peptidylprolyl isomerase A pseudogene 22
ENSG00000211591	MIR762	-1.3	0.0005579	microRNA 762
ENSG00000231752	EMBP1	-1.3	0.0099939	embigin pseudogene 1
ENSG00000284922	-	-1.3	0.0001384	leucine rich transmembrane and O-methyltransferase domain containing
ENSG00000170089	-	-1.3	7.47E-20	THO complex 3 (THOC3) pseudogene
ENSG00000164032	H2AZ1	-1.3	8.60E-30	H2A.Z variant histone 1
ENSG00000176974	SHMT1	-1.3	2.51E-38	serine hydroxymethyltransferase 1
ENSG00000204588	LINC01123	-1.3	5.31E-20	long intergenic non-protein coding RNA 1123
ENSG00000065361	ERBB3	-1.3	1.55E-27	erb-b2 receptor tyrosine kinase 3
ENSG00000186792	HYAL3	-1.3	5.03E-21	hyaluronidase 3
ENSG00000105520	PLPPR2	-1.3	2.64E-23	phospholipid phosphatase related 2
ENSG00000168234	TTC39C	-1.3	2.72E-33	tetratricopeptide repeat domain 39C
ENSG00000129968	ABHD17A	-1.3	5.90E-36	abhydrolase domain containing 17A 2C depalmitoylase
ENSG00000144895	EIF2A	-1.3	1.47E-31	eukaryotic translation initiation factor 2A
ENSG00000179115	FARSA	-1.3	1.90E-20	phenylalanyl-tRNA synthetase subunit alpha
ENSG00000268573	-	-1.3	0.0004182	novel transcript
ENSG00000131788	PIAS3	-1.3	2.33E-33	protein inhibitor of activated STAT 3
ENSG00000115282	TTC31	-1.3	1.15E-22	tetratricopeptide repeat domain 31
ENSG00000163171	CDC42EP3	-1.3	1.27E-11	CDC42 effector protein 3
ENSG00000149273	RPS3	-1.3	6.92E-20	ribosomal protein S3
ENSG00000061656	SPAG4	-1.3	2.13E-10	sperm associated antigen 4
ENSG00000171346	KRT15	-1.3	2.54E-11	keratin 15
ENSG00000151470	C4orf33	-1.3	4.73E-11	chromosome 4 open reading frame 33
ENSG00000177054	ZDHHC13	-1.2	3.66E-24	zinc finger DHHC-type palmitoyltransferase 13
ENSG00000228486	C2orf92	-1.2	0.003902	chromosome 2 open reading frame 92
ENSG00000077684	JADE1	-1.2	8.75E-33	jade family PHD finger 1
ENSG00000143850	PLEKHA6	-1.2	1.67E-24	pleckstrin homology domain containing A6
ENSG00000159423	ALDH4A1	-1.2	2.66E-15	aldehyde dehydrogenase 4 family member A1
ENSG00000103966	EHD4	-1.2	1.13E-35	EH domain containing 4
ENSG00000144120	TMEM177	-1.2	4.12E-14	transmembrane protein 177
ENSG00000124787	RPP40	-1.2	1.86E-15	ribonuclease P/MRP subunit p40
ENSG00000247596	TWF2	-1.2	5.78E-12	twinfilin actin binding protein 2
ENSG00000044459	CNTLN	-1.2	7.07E-08	centlein
ENSG00000287724	-	-1.2	0.0005458	novel transcript 2C antisense to DHCR24
ENSG00000122547	EEP1	-1.2	0.0033273	endonuclease/exonuclease/phosphatase family domain containing 1
ENSG00000144645	OSBPL10	-1.2	3.66E-37	oxysterol binding protein like 10
ENSG00000232346	-	-1.2	0.0204413	ribosomal protein S17 (RPS17) pseudogene
ENSG00000121774	KHDRBS1	-1.2	4.22E-84	KH RNA binding domain containing 2C signal transduction associated 1
ENSG00000169855	ROBO1	-1.2	1.81E-14	roundabout guidance receptor 1
ENSG00000139985	ADAM21	-1.2	0.0024362	ADAM metallopeptidase domain 21
ENSG00000196408	NOXO1	-1.2	9.10E-05	NADPH oxidase organizer 1
ENSG00000203760	CENPW	-1.2	1.37E-16	centromere protein W
ENSG00000146054	TRIM7	-1.2	1.60E-15	tripartite motif containing 7
ENSG00000178605	GTPBP6	-1.2	1.13E-25	GTP binding protein 6 (putative)

ENSG00000169418	NPR1	-1.2	3.48E-23	natriuretic peptide receptor 1
ENSG00000147437	GNRH1	-1.2	0.0213095	gonadotropin releasing hormone 1
ENSG00000279504	-	-1.2	0.0084573	TEC
ENSG00000123178	SPRYD7	-1.2	1.84E-19	SPRY domain containing 7
ENSG00000272764	-	-1.2	0.0078758	novel transcript
ENSG00000174306	ZHX3	-1.2	1.71E-28	zinc fingers and homeoboxes 3
ENSG00000186765	FSCN2	-1.2	0.000369	fascin actin-bundling protein 2 2C retinal
ENSG00000213553	RPLP0P6	-1.2	5.81E-12	ribosomal protein lateral stalk subunit P0 pseudogene 6
ENSG00000184068	SREBF2-AS1	-1.2	0.0127379	SREBF2 antisense RNA 1
ENSG00000108590	MED31	-1.2	2.88E-26	mediator complex subunit 31
ENSG00000241935	HOGA1	-1.2	0.0018627	4-hydroxy-2-oxoglutarate aldolase 1
ENSG00000143369	ECM1	-1.2	4.55E-22	extracellular matrix protein 1
ENSG00000229638	RPL4P4	-1.2	1.59E-15	ribosomal protein L4 pseudogene 4
ENSG00000166997	CNPY4	-1.2	5.47E-19	canopy FGF signaling regulator 4
ENSG00000139832	RAB20	-1.2	1.67E-07	RAB20 2C member RAS oncogene family
ENSG00000136159	NUDT15	-1.2	8.08E-38	nudix hydrolase 15
ENSG00000075303	SLC25A40	-1.2	6.02E-19	solute carrier family 25 member 40
ENSG00000171872	KLF17	-1.2	0.0153092	Kruppel like factor 17
ENSG00000264577	-	-1.2	8.81E-06	novel transcript 2C antisense to RPL23A
ENSG00000214653	HNRNPA3P3	-1.2	0.0041669	heterogeneous nuclear ribonucleoprotein A3 pseudogene 3
ENSG00000286909	-	-1.2	0.0115324	novel transcript
ENSG00000243678	NME2	-1.2	2.16E-14	NME/NM23 nucleoside diphosphate kinase 2
ENSG00000232070	TMEM253	-1.2	0.000544	transmembrane protein 253
ENSG00000116521	SCAMP3	-1.2	5.07E-18	secretory carrier membrane protein 3
ENSG00000213983	AP1G2	-1.2	5.79E-16	adaptor related protein complex 1 subunit gamma 2
ENSG00000249353	NPM1P27	-1.2	5.44E-24	nucleophosmin 1 pseudogene 27
ENSG00000177700	POLR2L	-1.2	1.72E-18	RNA polymerase II 2C I and III subunit L
ENSG00000161016	RPL8	-1.2	1.36E-12	ribosomal protein L8
ENSG00000134769	DTNA	-1.2	0.001799	dystrobrevin alpha
ENSG00000144320	LNPK	-1.2	4.75E-15	lunapark 2C ER junction formation factor
ENSG00000130299	GTPBP3	-1.2	3.67E-19	GTP binding protein 3 2C mitochondrial
ENSG00000183077	AFMID	-1.2	3.91E-18	arylformamidase
ENSG00000118640	VAMP8	-1.2	7.37E-18	vesicle associated membrane protein 8
ENSG00000163781	TOPBP1	-1.2	2.59E-15	DNA topoisomerase II binding protein 1
ENSG00000183496	MEX3B	-1.2	4.97E-08	mex-3 RNA binding family member B
ENSG00000213185	FAM24B	-1.2	1.62E-11	family with sequence similarity 24 member B
ENSG00000170515	PA2G4	-1.2	5.26E-31	proliferation-associated 2G4
ENSG00000164048	ZNF589	-1.2	1.09E-17	zinc finger protein 589
ENSG00000215883	CYB5RL	-1.2	1.04E-21	cytochrome b5 reductase like
ENSG00000188846	RPL14	-1.2	7.24E-35	ribosomal protein L14
ENSG00000198003	ODAD3	-1.2	0.0001767	outer dynein arm docking complex subunit 3
ENSG00000229119	-	-1.2	1.16E-08	60S acidic ribosomal protein (RPLP0) pseudogene
ENSG00000171421	MRPL36	-1.2	9.33E-23	mitochondrial ribosomal protein L36
ENSG00000170190	SLC16A5	-1.2	2.96E-21	solute carrier family 16 member 5
ENSG00000273723	SUGT1-DT	-1.2	0.0008994	SUGT1 divergent transcript
ENSG00000187790	FANCM	-1.2	0.0256735	FA complementation group M

ENSG00000075618	FSCN1	-1.2	1.57E-14	fascin actin-bundling protein 1
ENSG00000175414	ARL10	-1.2	1.06E-05	ADP ribosylation factor like GTPase 10
ENSG00000167107	ACSF2	-1.2	1.23E-19	acyl-CoA synthetase family member 2
ENSG00000184500	PROS1	-1.2	1.61E-21	protein S
ENSG00000166333	ILK	-1.2	1.69E-20	integrin linked kinase
ENSG00000197451	HNRNPAB	-1.2	5.17E-37	heterogeneous nuclear ribonucleoprotein A/B
ENSG00000170734	POLH	-1.2	2.86E-20	DNA polymerase eta
ENSG00000087269	NOP14	-1.2	5.40E-53	NOP14 nucleolar protein
ENSG00000163950	SLBP	-1.2	1.63E-44	stem-loop binding protein
ENSG00000092445	TYRO3	-1.2	5.85E-18	TYRO3 protein tyrosine kinase
ENSG00000147224	PRPS1	-1.2	1.03E-41	phosphoribosyl pyrophosphate synthetase 1
ENSG00000270006	C16orf95-DT	-1.2	0.0116959	C16orf95 divergent transcript
ENSG00000137269	LRRC1	-1.2	2.88E-24	leucine rich repeat containing 1
ENSG00000246228	CASC8	-1.2	0.0097442	cancer susceptibility 8
ENSG00000230076	RPL10P6	-1.2	0.0032545	ribosomal protein L10 pseudogene 6
ENSG00000155846	PPARGC1B	-1.2	1.24E-21	PPARG coactivator 1 beta
ENSG00000128536	CDHR3	-1.2	7.99E-05	cadherin related family member 3
ENSG00000084731	KIF3C	-1.2	7.29E-13	kinesin family member 3C
ENSG00000173894	CBX2	-1.2	1.53E-17	chromobox 2
ENSG00000231652	-	-1.2	0.0394532	novel transcript
ENSG00000119723	COQ6	-1.2	6.23E-18	coenzyme Q6 2C monoxygenase
ENSG00000214331	PDPR2P	-1.2	1.62E-08	pyruvate dehydrogenase phosphatase regulatory subunit 2 2C pseudogene
ENSG00000165490	DDIAS	-1.2	1.31E-19	DNA damage induced apoptosis suppressor
ENSG00000278126	-	-1.2	0.0012064	novel transcript
ENSG00000127589	TUBBP1	-1.2	0.0077216	tubulin beta pseudogene 1
ENSG00000162676	GFI1	-1.2	0.0001133	growth factor independent 1 transcriptional repressor
ENSG00000164548	TRA2A	-1.2	8.72E-23	transformer 2 alpha homolog
ENSG00000060762	MPC1	-1.2	5.60E-19	mitochondrial pyruvate carrier 1
ENSG00000182858	ALG12	-1.2	1.57E-19	ALG12 alpha-1 2C6-mannosyltransferase
ENSG00000163624	CDS1	-1.2	0.0021023	CDP-diacylglycerol synthase 1
ENSG00000111450	STX2	-1.2	1.21E-15	syntaxin 2
ENSG00000207547	MIR25	-1.2	8.56E-05	microRNA 25
ENSG00000217130	-	-1.2	0.0004475	ribosomal protein S10 (RPS10) pseudogene
ENSG00000087087	SRRT	-1.2	5.15E-32	serrate 2C RNA effector molecule
ENSG00000123154	WDR83	-1.2	2.36E-15	WD repeat domain 83
ENSG00000164078	MST1R	-1.2	1.47E-22	macrophage stimulating 1 receptor
ENSG00000260774	-	-1.2	0.0004976	novel transcript
ENSG00000128683	GAD1	-1.2	1.94E-07	glutamate decarboxylase 1
ENSG00000181264	TLCD5	-1.2	4.96E-14	TLC domain containing 5
ENSG00000243824	RPL12P6	-1.2	5.09E-07	ribosomal protein L12 pseudogene 6
ENSG00000146281	PM20D2	-1.2	5.20E-40	peptidase M20 domain containing 2
ENSG00000139344	AMDHD1	-1.2	1.56E-07	amidohydrolase domain containing 1
ENSG00000177917	ARL6IP6	-1.2	2.70E-38	ADP ribosylation factor like GTPase 6 interacting protein 6
ENSG00000140905	GCSH	-1.2	1.63E-11	glycine cleavage system protein H
ENSG00000108559	NUP88	-1.2	1.25E-67	nucleoporin 88

ENSG00000112149	CD83	-1.2	1.04E-15	CD83 molecule
ENSG00000100097	LGALS1	-1.2	1.18E-10	galectin 1
ENSG00000185519	FAM131C	-1.2	9.72E-05	family with sequence similarity 131 member C
ENSG00000231952	DPY19L1P2	-1.2	0.0419502	DPY19L1 pseudogene 2
ENSG00000145002	FAM86B2	-1.2	3.02E-05	family with sequence similarity 86 member B2
ENSG00000163714	U2SURP	-1.2	4.98E-06	U2 snRNP associated SURP domain containing
ENSG00000161800	RACGAP1	-1.2	2.71E-58	Rac GTPase activating protein 1
ENSG00000151500	THYN1	-1.2	1.01E-21	thymocyte nuclear protein 1
ENSG00000160767	FAM189B	-1.2	4.03E-23	family with sequence similarity 189 member B
ENSG00000118690	ARMC2	-1.2	1.75E-05	armadillo repeat containing 2
ENSG00000049192	ADAMTS6	-1.2	0.033839	ADAM metalloproteinase with thrombospondin type 1 motif 6
ENSG00000272149	-	-1.2	6.24E-07	novel transcript
ENSG00000156504	PABIR2	-1.2	3.17E-27	PABIR family member 2
ENSG00000100823	APEX1	-1.2	2.80E-21	apurinic/aprimidinic endodeoxyribonuclease 1
ENSG00000135972	MRPS9	-1.2	3.17E-33	mitochondrial ribosomal protein S9
ENSG00000092607	TBX15	-1.2	0.0079846	T-box transcription factor 15
ENSG00000065268	WDR18	-1.2	7.93E-19	WD repeat domain 18
ENSG00000164087	POC1A	-1.2	1.28E-16	POC1 centriolar protein A
ENSG00000141447	OSBPL1A	-1.2	1.58E-25	oxysterol binding protein like 1A
ENSG00000020181	ADGRA2	-1.2	9.73E-13	adhesion G protein-coupled receptor A2
ENSG00000175711	B3GNTL1	-1.2	3.52E-11	UDP-GlcNAc:betaGal beta-1 2C3-N-acetylglucosaminyltransferase like 1
ENSG00000162129	CLPB	-1.2	2.26E-49	caseinolytic mitochondrial matrix peptidase chaperone subunit B
ENSG00000141994	DUS3L	-1.2	1.07E-15	dihydrouridine synthase 3 like
ENSG00000116353	MECR	-1.2	2.03E-21	mitochondrial trans-2-enoyl-CoA reductase
ENSG00000256628	ZBTB11-AS1	-1.2	3.20E-11	ZBTB11 antisense RNA 1
ENSG00000075239	ACAT1	-1.2	4.24E-61	acetyl-CoA acetyltransferase 1
ENSG00000102362	SYTL4	-1.2	6.80E-16	synaptotagmin like 4
ENSG00000128266	GNAZ	-1.2	2.43E-28	G protein subunit alpha z
ENSG00000254682	-	-1.2	7.18E-05	novel transcript
ENSG00000213339	QTRT1	-1.2	1.00E-21	queuine tRNA-ribosyltransferase catalytic subunit 1
ENSG00000171453	POLR1C	-1.2	1.23E-20	RNA polymerase I and III subunit C
ENSG00000089050	RBBP9	-1.2	1.12E-39	RB binding protein 9 2C serine hydrolase
ENSG00000128944	KNSTRN	-1.2	3.69E-35	kinetochore localized astrin (SPAG5) binding protein
ENSG00000198807	PAX9	-1.2	1.75E-05	paired box 9
ENSG00000004799	PDK4	-1.2	4.03E-24	pyruvate dehydrogenase kinase 4
ENSG00000198125	MB	-1.2	6.65E-07	myoglobin
ENSG00000136840	ST6GALNAC4	-1.2	9.56E-23	ST6 N-acetylgalactosaminide alpha-2 2C6-sialyltransferase 4
ENSG00000152270	PDE3B	-1.2	1.69E-19	phosphodiesterase 3B
ENSG00000122786	CALD1	-1.2	1.27E-27	caldesmon 1
ENSG00000150782	IL18	-1.2	1.47E-38	interleukin 18
ENSG00000105258	POLR2I	-1.2	2.82E-14	RNA polymerase II subunit I
ENSG00000197771	MCMBP	-1.2	1.81E-80	minichromosome maintenance complex binding protein
ENSG00000247595	SPTY2D1OS	-1.2	0.0090102	SPTY2D1 opposite strand
ENSG00000226415	TPH1P1	-1.2	3.75E-09	triosephosphate isomerase 1 pseudogene 1

ENSG00000130590	SAMD10	-1.2	2.01E-14	sterile alpha motif domain containing 10
ENSG00000234129	-	-1.2	0.0005863	novel transcript
ENSG00000243667	WDR92	-1.2	5.00E-10	WD repeat domain 92
ENSG00000006453	BAIAP2L1	-1.2	2.03E-50	BAR/IMD domain containing adaptor protein 2 like 1
ENSG00000198763	MT-ND2	-1.2	1.78E-31	mitochondrially encoded NADH:ubiquinone oxidoreductase core subunit 2
ENSG00000179409	GEMIN4	-1.2	2.69E-20	gem nuclear organelle associated protein 4
ENSG00000184785	SMIM10	-1.2	6.86E-24	small integral membrane protein 10
ENSG00000136936	XPA	-1.2	1.92E-20	XPA 2C DNA damage recognition and repair factor
ENSG00000176422	SPRYD4	-1.2	2.64E-23	SPRY domain containing 4
ENSG00000186523	FAM86B1	-1.2	5.16E-07	family with sequence similarity 86 member B1
ENSG00000268543	-	-1.2	0.0001694	novel transcript
ENSG00000232093	DCST1-AS1	-1.2	9.02E-16	DCST1 antisense RNA 1
ENSG00000164626	KCNK5	-1.2	3.54E-15	potassium two pore domain channel subfamily K member 5
ENSG00000100003	SEC14L2	-1.2	5.08E-12	SEC14 like lipid binding 2
ENSG00000132341	RAN	-1.2	1.23E-28	RAN 2C member RAS oncogene family
ENSG00000162227	TAF6L	-1.2	2.14E-14	TATA-box binding protein associated factor 6 like
ENSG00000144395	CCDC150	-1.2	7.63E-05	coiled-coil domain containing 150
ENSG00000149636	DSN1	-1.2	6.84E-44	DSN1 component of MIS12 kinetochore complex
ENSG00000146670	CDCA5	-1.2	2.45E-17	cell division cycle associated 5
ENSG00000171608	PIK3CD	-1.2	5.82E-09	phosphatidylinositol-4 2C5-bisphosphate 3-kinase catalytic subunit delta
ENSG00000131652	THOC6	-1.2	9.64E-17	THO complex 6
ENSG00000255152	MSH5-SAPCD1	-1.2	0.020326	MSH5-SAPCD1 readthrough (NMD candidate)
ENSG00000011028	MRC2	-1.2	1.69E-29	mannose receptor C type 2
ENSG00000181163	NPM1	-1.2	1.00E-37	nucleophosmin 1
ENSG00000285644	-	-1.2	0.0006161	novel transcript 2C antisense to CARS
ENSG00000128609	NDUFA5	-1.2	5.00E-29	NADH:ubiquinone oxidoreductase subunit A5
ENSG00000134779	TPGS2	-1.2	3.96E-38	tubulin polyglutamylase complex subunit 2
ENSG00000029639	TFB1M	-1.2	7.15E-23	transcription factor B1 2C mitochondrial
ENSG00000275180	-	-1.2	0.0005468	novel transcript
ENSG00000114395	CYB561D2	-1.2	4.25E-17	cytochrome b561 family member D2
ENSG00000250722	SELENOP	-1.2	9.64E-05	selenoprotein P
ENSG00000227495	KIF1C-AS1	-1.2	0.003902	KIF1C antisense RNA 1
ENSG00000214193	SH3D21	-1.2	1.01E-07	SH3 domain containing 21
ENSG00000285077	ARHGAP11B	-1.2	0.0033154	Rho GTPase activating protein 11B
ENSG00000163006	CCDC138	-1.2	4.02E-15	coiled-coil domain containing 138
ENSG00000165288	BRWD3	-1.2	2.79E-09	bromodomain and WD repeat domain containing 3
ENSG00000187123	LYPD6	-1.2	9.47E-06	LY6/PLAUR domain containing 6
ENSG00000280239	-	-1.2	7.46E-10	TEC
ENSG00000264343	NOTCH2NLA	-1.2	1.55E-05	notch 2 N-terminal like A
ENSG00000274630	-	-1.2	3.14E-05	novel transcript 2C antisense to ACLY
ENSG00000129691	ASH2L	-1.2	7.64E-47	ASH2 like 2C histone lysine methyltransferase complex subunit
ENSG00000213261	EEF1B2P6	-1.2	0.0033483	eukaryotic translation elongation factor 1 beta 2 pseudogene 6
ENSG00000088992	TESC	-1.2	6.50E-15	tescalcin
ENSG00000107798	LIPA	-1.2	1.06E-74	lipase A 2C lysosomal acid type

ENSG00000265817	FSBP	-1.2	0.0006841	fibrinogen silencer binding protein
ENSG00000141002	TCF25	-1.2	7.29E-33	transcription factor 25
ENSG00000100348	TXN2	-1.2	1.56E-21	thioredoxin 2
ENSG00000167306	MYO5B	-1.2	3.67E-19	myosin VB
ENSG00000133247	KMT5C	-1.2	1.53E-20	lysine methyltransferase 5C
ENSG00000143971	ETAA1	-1.2	2.33E-09	ETAA1 activator of ATR kinase
ENSG00000213889	PPM1N	-1.2	6.36E-09	protein phosphatase 2C Mg ²⁺ /Mn ²⁺ dependent 1N (putative)
ENSG00000262814	MRPL12	-1.2	4.39E-14	mitochondrial ribosomal protein L12
ENSG00000163882	POLR2H	-1.2	3.21E-22	RNA polymerase II 2C I and III subunit H
ENSG00000165591	FAAH2	-1.2	1.39E-20	fatty acid amide hydrolase 2
ENSG00000114686	MRPL3	-1.2	1.61E-46	mitochondrial ribosomal protein L3
ENSG00000268670	-	-1.2	0.0081246	novel transcript 2C sense intronic to ZBTB7A
ENSG00000128309	MPST	-1.2	2.83E-17	mercaptopyruvate sulfurtransferase
ENSG00000131037	EPS8L1	-1.2	4.14E-11	EPS8 like 1
ENSG00000079150	FKBP7	-1.2	7.36E-10	FKBP prolyl isomerase 7
ENSG00000259895	-	-1.2	0.0219567	novel transcript 2C antisense to C16orf59
ENSG00000188092	GPR89B	-1.2	0.0257996	G protein-coupled receptor 89B
ENSG00000100814	CCNB1IP1	-1.2	3.35E-26	cyclin B1 interacting protein 1
ENSG00000120318	ARAP3	-1.2	3.93E-26	ArfGAP with RhoGAP domain 2C ankyrin repeat and PH domain 3
ENSG00000135314	KHDC1	-1.2	1.27E-12	KH domain containing 1
ENSG00000162521	RBBP4	-1.2	1.94E-48	RB binding protein 4 2C chromatin remodeling factor
ENSG00000205683	DPF3	-1.2	0.0120571	double PHD fingers 3
ENSG00000186326	RGS9BP	-1.2	0.0011326	regulator of G protein signaling 9 binding protein
ENSG00000228232	GAPDHP1	-1.2	1.01E-05	glyceraldehyde-3-phosphate dehydrogenase pseudogene 1
ENSG00000123009	NME2P1	-1.2	3.84E-05	NME2 pseudogene 1
ENSG00000259291	ZNF710-AS1	-1.2	0.0021638	ZNF710 antisense RNA 1
ENSG00000104408	EIF3E	-1.2	3.89E-23	eukaryotic translation initiation factor 3 subunit E
ENSG00000115204	MPV17	-1.2	5.46E-23	mitochondrial inner membrane protein MPV17
ENSG00000132383	RPA1	-1.2	5.98E-90	replication protein A1
ENSG00000154511	DIPK1A	-1.2	5.48E-13	divergent protein kinase domain 1A
ENSG00000198039	ZNF273	-1.2	9.25E-09	zinc finger protein 273
ENSG00000125630	POLR1B	-1.2	1.40E-47	RNA polymerase I subunit B
ENSG00000214253	FIS1	-1.2	7.23E-23	fission 2C mitochondrial 1
ENSG00000214182	PTMAP5	-1.2	1.86E-17	prothymosin alpha pseudogene 5
ENSG00000263001	GTF2I	-1.2	1.37E-35	general transcription factor Iii
ENSG00000101158	NELFCD	-1.2	2.55E-39	negative elongation factor complex member C/D
ENSG00000165271	NOL6	-1.2	4.92E-25	nucleolar protein 6
ENSG0000012223	LTF	-1.2	0.0347463	lactotransferrin
ENSG00000143179	UCK2	-1.2	1.09E-27	uridine-cytidine kinase 2
ENSG00000102007	PLP2	-1.2	4.14E-21	proteolipid protein 2
ENSG00000164024	METAP1	-1.2	1.39E-63	methionyl aminopeptidase 1
ENSG00000100462	PRMT5	-1.1	9.84E-14	protein arginine methyltransferase 5
ENSG00000183763	TRAIIP	-1.1	1.54E-12	TRAF interacting protein
ENSG00000213866	YBX1P10	-1.1	1.93E-14	Y-box binding protein 1 pseudogene 10
ENSG00000162688	AGL	-1.1	1.76E-07	amylo-alpha-1 2C 6-glucosidase 2C 4-alpha-glucanotransferase

ENSG00000186806	VSIG10L	-1.1	3.15E-06	V-set and immunoglobulin domain containing 10 like
ENSG00000187514	PTMA	-1.1	8.83E-39	prothymosin alpha
ENSG00000125354	SEPTIN6	-1.1	1.62E-34	septin 6
ENSG00000103253	HAGHL	-1.1	1.63E-19	hydroxyacylglutathione hydrolase like
ENSG00000115255	REEP6	-1.1	2.06E-11	receptor accessory protein 6
ENSG00000100941	PNN	-1.1	1.62E-09	pinin 2C desmosome associated protein
ENSG00000171865	RNASEH1	-1.1	1.19E-17	ribonuclease H1
ENSG00000214485	RPL7P1	-1.1	5.18E-21	ribosomal protein L7 pseudogene 1
ENSG00000212802	RPL15P3	-1.1	9.13E-13	ribosomal protein L15 pseudogene 3
ENSG00000169607	CKAP2L	-1.1	1.54E-10	cytoskeleton associated protein 2 like
ENSG00000083642	PDS5B	-1.1	5.99E-10	PDS5 cohesin associated factor B
ENSG00000116560	SFPQ	-1.1	2.67E-47	splicing factor proline and glutamine rich
ENSG00000171295	ZNF440	-1.1	1.79E-09	zinc finger protein 440
ENSG00000235374	SSR4P1	-1.1	1.28E-05	signal sequence receptor subunit 4 pseudogene 1
ENSG00000138080	EMILIN1	-1.1	0.0001827	elastin microfibril interfacier 1
ENSG00000278864	-	-1.1	0.0017684	novel transcript
ENSG00000196550	FAM72A	-1.1	1.86E-07	family with sequence similarity 72 member A
ENSG00000125319	HROB	-1.1	7.17E-13	homologous recombination factor with OB-fold
ENSG00000280088	-	-1.1	0.0061194	TEC
ENSG00000185504	FAAP100	-1.1	5.61E-16	FA core complex associated protein 100
ENSG00000210107	MT-TQ	-1.1	3.79E-06	mitochondrially encoded tRNA-Gln (CAA/G)
ENSG00000245571	FAM111A-DT	-1.1	1.25E-06	FAM111A divergent transcript
ENSG00000149782	PLCB3	-1.1	2.77E-19	phospholipase C beta 3
ENSG00000178773	CPNE7	-1.1	2.48E-21	copine 7
ENSG00000122483	CCDC18	-1.1	9.05E-09	coiled-coil domain containing 18
ENSG00000242242	NECTIN3-AS1	-1.1	0.0002745	NECTIN3 antisense RNA 1
ENSG00000225630	MTND2P28	-1.1	2.71E-17	MT-ND2 pseudogene 28
ENSG00000162924	REL	-1.1	0.0154393	REL proto-oncogene 2C NF-kB subunit
ENSG00000233954	UQCRHL	-1.1	1.47E-22	ubiquinol-cytochrome c reductase hinge protein like
ENSG00000266036	SLC9A3R1-AS1	-1.1	0.0475073	SLC9A3R1 antisense RNA 1
ENSG00000174915	PTDSS2	-1.1	1.07E-18	phosphatidylserine synthase 2
ENSG00000135390	ATP5MC2	-1.1	3.46E-15	ATP synthase membrane subunit c locus 2
ENSG00000178425	NT5DC1	-1.1	1.47E-26	5'-nucleotidase domain containing 1
ENSG00000125611	CHCHD5	-1.1	1.22E-12	coiled-coil-helix-coiled-coil-helix domain containing 5
ENSG00000132749	TESMIN	-1.1	0.0016004	testis expressed metallothionein like protein
ENSG00000167112	TRUB2	-1.1	1.42E-22	TruB pseudouridine synthase family member 2
ENSG00000037042	TUBG2	-1.1	2.61E-08	tubulin gamma 2
ENSG00000004777	ARHGAP33	-1.1	0.0041049	Rho GTPase activating protein 33
ENSG00000197472	ZNF695	-1.1	6.94E-07	zinc finger protein 695
ENSG00000185585	OLFML2A	-1.1	8.85E-14	olfactomedin like 2A
ENSG00000169752	NRG4	-1.1	9.80E-11	neuregulin 4
ENSG00000138468	SEN7	-1.1	4.54E-06	SUMO specific peptidase 7
ENSG00000198890	PRMT6	-1.1	7.78E-21	protein arginine methyltransferase 6
ENSG00000121988	ZRANB3	-1.1	6.36E-09	zinc finger RANBP2-type containing 3
ENSG0000010803	SCMH1	-1.1	2.80E-18	Scm polycomb group protein homolog 1
ENSG00000127990	SGCE	-1.1	6.33E-27	sarcoglycan epsilon

ENSG00000234118	RPL13AP6	-1.1	0.0013697	ribosomal protein L13a pseudogene 6
ENSG00000143409	MINDY1	-1.1	2.83E-17	MINDY lysine 48 deubiquitinase 1
ENSG00000105373	NOP53	-1.1	2.27E-12	NOP53 ribosome biogenesis factor
ENSG00000235408	SNORA71B	-1.1	0.0071823	small nucleolar RNA 2C H/ACA box 71B
ENSG00000144426	NBEAL1	-1.1	2.20E-21	neurobeachin like 1
ENSG00000112514	CUTA	-1.1	2.13E-14	cutA divalent cation tolerance homolog
ENSG00000128951	DUT	-1.1	6.42E-44	deoxyuridine triphosphatase
ENSG00000127804	METTL16	-1.1	2.86E-30	methyltransferase like 16
ENSG00000099974	DDTL	-1.1	8.71E-08	D-dopachrome tautomerase like
ENSG00000152240	HAUS1	-1.1	2.39E-17	HAUS augmin like complex subunit 1
ENSG00000157593	SLC35B2	-1.1	1.12E-15	solute carrier family 35 member B2
ENSG00000116874	WARS2	-1.1	3.52E-35	tryptophanyl tRNA synthetase 2 2C mitochondrial
ENSG00000163686	ABHD6	-1.1	1.87E-35	abhydrolase domain containing 6 2C acylglycerol lipase
ENSG00000132773	TOE1	-1.1	2.37E-19	target of EGR1 2C exonuclease
ENSG00000228175	GEMIN8P4	-1.1	0.0007612	gem nuclear organelle associated protein 8 pseudogene 4
ENSG00000170448	NFXL1	-1.1	3.83E-13	nuclear transcription factor 2C X-box binding like 1
ENSG00000242265	PEG10	-1.1	0.0017066	paternally expressed 10
ENSG00000122566	HNRNPA2B1	-1.1	1.10E-34	heterogeneous nuclear ribonucleoprotein A2/B1
ENSG00000160072	ATAD3B	-1.1	4.66E-12	ATPase family AAA domain containing 3B
ENSG00000137124	ALDH1B1	-1.1	7.16E-26	aldehyde dehydrogenase 1 family member B1
ENSG00000109911	ELP4	-1.1	1.62E-24	elongator acetyltransferase complex subunit 4
ENSG00000185379	RAD51D	-1.1	1.48E-35	RAD51 paralog D
ENSG00000254230	-	-1.1	0.0341484	novel transcript
ENSG00000229563	LINC01204	-1.1	0.0078218	long intergenic non-protein coding RNA 1204
ENSG00000233237	LINC00472	-1.1	0.0338928	long intergenic non-protein coding RNA 472
ENSG00000089053	ANAPC5	-1.1	2.19E-29	anaphase promoting complex subunit 5
ENSG00000260751	-	-1.1	0.0096527	novel transcript
ENSG00000151338	MIPOL1	-1.1	6.60E-06	mirror-image polydactyly 1
ENSG00000132423	COQ3	-1.1	5.58E-27	coenzyme Q3 2C methyltransferase
ENSG00000274925	ZKSCAN2-DT	-1.1	0.0011671	ZKSCAN2 divergent transcript
ENSG00000091651	ORC6	-1.1	1.70E-29	origin recognition complex subunit 6
ENSG00000141449	GREB1L	-1.1	1.37E-12	GREB1 like retinoic acid receptor coactivator
ENSG00000162236	STX5	-1.1	5.52E-24	syntaxin 5
ENSG00000124207	CSE1L	-1.1	1.40E-26	chromosome segregation 1 like
ENSG00000173207	CKS1B	-1.1	1.54E-13	CDC28 protein kinase regulatory subunit 1B
ENSG00000166483	WEE1	-1.1	4.72E-42	WEE1 G2 checkpoint kinase
ENSG00000233223	-	-1.1	1.04E-08	novel transcript 2C antisense to MPDU1 and CD68
ENSG00000276603	-	-1.1	0.0008587	novel transcript 2C sense intronic to BLCAP
ENSG00000175768	TOMM5	-1.1	3.61E-16	translocase of outer mitochondrial membrane 5
ENSG00000162825	NBPF20	-1.1	9.52E-11	NBPF member 20
ENSG00000267147	LINC01842	-1.1	5.16E-07	long intergenic non-protein coding RNA 1842
ENSG00000233532	LINC00460	-1.1	0.0189463	long intergenic non-protein coding RNA 460
ENSG00000127337	YEATS4	-1.1	1.14E-30	YEATS domain containing 4
ENSG00000076555	ACACB	-1.1	4.53E-12	acetyl-CoA carboxylase beta
ENSG00000229589	ACVR2B-AS1	-1.1	3.45E-06	ACVR2B antisense RNA 1
ENSG00000239900	ADSL	-1.1	5.93E-21	adenylosuccinate lyase

ENSG00000165661	QSOX2	-1.1	1.35E-37	quiescin sulfhydryl oxidase 2
ENSG00000234797	RPS3AP6	-1.1	2.67E-12	RPS3A pseudogene 6
ENSG00000261780	LINC02582	-1.1	4.28E-24	long intergenic non-protein coding RNA 2582
ENSG00000124702	KLHDC3	-1.1	1.89E-14	kelch domain containing 3
ENSG00000116120	FARSB	-1.1	1.92E-55	phenylalanyl-tRNA synthetase subunit beta
ENSG00000197958	RPL12	-1.1	1.40E-14	ribosomal protein L12
ENSG00000152455	SUV39H2	-1.1	1.33E-21	suppressor of variegation 3-9 homolog 2
ENSG00000154734	ADAMTS1	-1.1	1.21E-22	ADAM metalloproteinase with thrombospondin type 1 motif 1
ENSG00000182870	GALNT9	-1.1	2.12E-24	polypeptide N-acetylgalactosaminyltransferase 9
ENSG00000186166	CENATAC	-1.1	8.47E-13	centrosomal AT-AC splicing factor
ENSG00000247735	-	-1.1	0.000512	novel transcript 2C antisense to KCTD13
ENSG00000158050	DUSP2	-1.1	0.003509	dual specificity phosphatase 2
ENSG00000089157	RPLP0	-1.1	1.51E-10	ribosomal protein lateral stalk subunit P0
ENSG00000223802	CERS1	-1.1	0.0001659	ceramide synthase 1
ENSG00000224043	CCNT2-AS1	-1.1	0.001034	CCNT2 antisense RNA 1
ENSG00000108055	SMC3	-1.1	0.0002629	structural maintenance of chromosomes 3
ENSG00000027869	SH2D2A	-1.1	9.36E-13	SH2 domain containing 2A
ENSG00000101213	PTK6	-1.1	1.94E-22	protein tyrosine kinase 6
ENSG00000264920	SP2-DT	-1.1	7.06E-07	SP2 divergent transcript
ENSG00000141076	UTP4	-1.1	4.23E-32	UTP4 small subunit processome component
ENSG00000185324	CDK10	-1.1	4.27E-38	cyclin dependent kinase 10
ENSG00000224281	SLC25A5-AS1	-1.1	2.87E-06	SLC25A5 antisense RNA 1
ENSG00000168078	PBK	-1.1	7.27E-33	PDZ binding kinase
ENSG00000150990	DHX37	-1.1	4.43E-14	DEAH-box helicase 37
ENSG00000166197	NOLC1	-1.1	1.65E-69	nucleolar and coiled-body phosphoprotein 1
ENSG00000164828	SUN1	-1.1	2.58E-32	Sad1 and UNC84 domain containing 1
ENSG00000172009	THOP1	-1.1	1.18E-11	thimet oligopeptidase 1
ENSG00000168090	COPS6	-1.1	7.01E-19	COP9 signalosome subunit 6
ENSG00000066322	ELOVL1	-1.1	3.43E-17	ELOVL fatty acid elongase 1
ENSG00000127946	HIP1	-1.1	9.08E-36	huntingtin interacting protein 1
ENSG00000109062	SLC9A3R1	-1.1	1.66E-13	SLC9A3 regulator 1
ENSG00000070950	RAD18	-1.1	4.28E-15	RAD18 E3 ubiquitin protein ligase
ENSG00000112297	CRYBG1	-1.1	4.54E-19	crystallin beta-gamma domain containing 1
ENSG00000245149	RNF139-AS1	-1.1	0.00144	RNF139 antisense RNA 1 (head to head)
ENSG00000132382	MYBBP1A	-1.1	1.78E-19	MYB binding protein 1a
ENSG00000105136	ZNF419	-1.1	6.90E-08	zinc finger protein 419
ENSG00000000460	C1orf112	-1.1	6.96E-21	chromosome 1 open reading frame 112
ENSG00000175581	MRPL48	-1.1	2.25E-21	mitochondrial ribosomal protein L48
ENSG00000165152	PGAP4	-1.1	3.71E-23	post-GPI attachment to proteins GalNAc transferase 4
ENSG00000279069	-	-1.1	4.01E-06	novel transcript
ENSG00000128159	TUBGCP6	-1.1	8.97E-18	tubulin gamma complex associated protein 6
ENSG00000226237	GAS1RR	-1.1	0.0002417	GAS1 adjacent regulatory RNA
ENSG00000233461	-	-1.1	2.33E-17	novel transcript
ENSG00000198131	ZNF544	-1.1	1.83E-19	zinc finger protein 544
ENSG00000114054	PCCB	-1.1	1.77E-22	propionyl-CoA carboxylase subunit beta
ENSG00000183723	CMTM4	-1.1	2.83E-22	CKLF like MARVEL transmembrane domain containing 4

ENSG00000198276	UCKL1	-1.1	5.61E-19	uridine-cytidine kinase 1 like 1
ENSG00000198836	OPA1	-1.1	1.84E-09	OPA1 mitochondrial dynamin like GTPase
ENSG00000125871	MGME1	-1.1	2.31E-28	mitochondrial genome maintenance exonuclease 1
ENSG00000158220	ESYT3	-1.1	0.0068268	extended synaptotagmin 3
ENSG00000139154	AEBP2	-1.1	1.25E-19	AE binding protein 2
ENSG00000272677	HNRNPD-DT	-1.1	0.0077775	HNRNPD divergent transcript
ENSG00000259781	HMGB1P6	-1.1	7.51E-23	high mobility group box 1 pseudogene 6
ENSG00000197587	DMBX1	-1.1	0.003812	diencephalon/mesencephalon homeobox 1
ENSG00000151240	DIP2C	-1.1	0.0221502	disco interacting protein 2 homolog C
ENSG00000176273	SLC35G1	-1.1	2.49E-25	solute carrier family 35 member G1
ENSG00000102898	NUTF2	-1.1	3.75E-20	nuclear transport factor 2
ENSG00000103319	EEF2K	-1.1	1.60E-33	eukaryotic elongation factor 2 kinase
ENSG00000280206	-	-1.1	2.84E-12	novel transcript
ENSG00000157193	LRP8	-1.1	1.16E-21	LDL receptor related protein 8
ENSG00000142102	PGGHG	-1.1	8.57E-07	protein-glucosylgalactosylhydroxylysine glucosidase
ENSG0000013810	TACC3	-1.1	2.10E-21	transforming acidic coiled-coil containing protein 3
ENSG00000118412	CASP8AP2	-1.1	0.0120513	caspase 8 associated protein 2
ENSG00000178467	P4HTM	-1.1	2.16E-18	prolyl 4-hydroxylase 2C transmembrane
ENSG00000263142	LRR37A17P	-1.1	0.0012332	leucine rich repeat containing 37 member A17 2C pseudogene
ENSG00000224877	NDUFAF8	-1.1	1.13E-16	NADH:ubiquinone oxidoreductase complex assembly factor 8
ENSG00000105926	MPP6	-1.1	3.01E-16	membrane palmitoylated protein 6
ENSG00000163507	CIP2A	-1.1	2.14E-12	cellular inhibitor of PP2A
ENSG00000167642	SPINT2	-1.1	1.31E-08	serine peptidase inhibitor 2C Kunitz type 2
ENSG00000236565	HNRNPA3P5	-1.1	3.81E-18	heterogeneous nuclear ribonucleoprotein A3 pseudogene 5
ENSG00000132692	BCAN	-1.1	0.0016045	brevican
ENSG00000081692	JMJD4	-1.1	3.08E-15	jumonji domain containing 4
ENSG00000185834	RPL12P4	-1.1	3.77E-10	ribosomal protein L12 pseudogene 4
ENSG00000186787	SPIN2B	-1.1	2.66E-14	spindlin family member 2B
ENSG00000166762	CATSPER2	-1.1	0.0019038	cation channel sperm associated 2
ENSG00000163644	PPM1K	-1.1	1.59E-09	protein phosphatase 2C Mg ²⁺ /Mn ²⁺ dependent 1K
ENSG00000256196	-	-1.1	0.0290223	novel transcript
ENSG00000198887	SMC5	-1.1	0.0039673	structural maintenance of chromosomes 5
ENSG00000138801	PAPSS1	-1.1	7.23E-37	3'-phosphoadenosine 5'-phosphosulfate synthase 1
ENSG00000185414	MRPL30	-1.1	1.49E-57	mitochondrial ribosomal protein L30
ENSG0000024526	DEPDC1	-1.1	3.66E-14	DEP domain containing 1
ENSG00000101306	MYLK2	-1.1	0.023666	myosin light chain kinase 2
ENSG00000268403	-	-1.1	4.51E-09	novel transcript 2C antisense to ZNF143
ENSG00000279738	-	-1.1	1.80E-05	novel transcript 2C sense overlapping to EIF3L
ENSG00000104450	SPAG1	-1.1	9.01E-19	sperm associated antigen 1
ENSG00000179271	GADD45GIP1	-1.1	7.10E-13	GADD45G interacting protein 1
ENSG00000136699	SMPD4	-1.1	2.00E-29	sphingomyelin phosphodiesterase 4
ENSG00000171960	PPIH	-1.1	9.97E-20	peptidylprolyl isomerase H
ENSG00000257553	-	-1.1	1.69E-06	novel transcript 2C antisense to PA2G4
ENSG00000161847	RAVER1	-1.1	5.86E-25	ribonucleoprotein 2C PTB binding 1
ENSG00000151498	ACAD8	-1.1	4.40E-11	acyl-CoA dehydrogenase family member 8
ENSG00000242612	DECR2	-1.1	1.70E-27	2 2C4-dienoyl-CoA reductase 2

ENSG00000054148	PHPT1	-1.1	7.05E-12	phosphohistidine phosphatase 1
ENSG00000115840	SLC25A12	-1.1	7.83E-40	solute carrier family 25 member 12
ENSG00000100865	CINP	-1.1	2.98E-26	cyclin dependent kinase 2 interacting protein
ENSG00000149489	ROM1	-1.1	9.15E-11	retinal outer segment membrane protein 1
ENSG00000242798	-	-1.1	0.0368173	novel transcript
ENSG00000176894	PXMP2	-1.1	5.33E-12	peroxisomal membrane protein 2
ENSG00000148700	ADD3	-1.1	2.69E-13	adducin 3
ENSG00000164934	DCAF13	-1.1	1.39E-29	DDB1 and CUL4 associated factor 13
ENSG00000112561	TFEB	-1.1	2.19E-10	transcription factor EB
ENSG00000116221	MRPL37	-1.1	4.25E-21	mitochondrial ribosomal protein L37
ENSG00000106351	AGFG2	-1.1	5.17E-14	ArfGAP with FG repeats 2
ENSG00000118418	HMGN3	-1.1	5.15E-31	high mobility group nucleosomal binding domain 3
ENSG00000256673	-	-1.1	0.0055771	ovostatin (OVOS) pseudogene
ENSG00000204514	ZNF814	-1.1	0.0124372	zinc finger protein 814
ENSG00000267288	-	-1.1	8.43E-08	novel transcript 2C antisense to HEXIM2
ENSG00000232499	-	-1.1	1.72E-05	heterogeneous nuclear ribonucleoprotein A3 (hnRNPA3) pseudogene
ENSG00000106009	BRAT1	-1.1	5.52E-15	BRCA1 associated ATM activator 1
ENSG00000139613	SMARCC2	-1.1	2.11E-29	SWI/SNF related 2C matrix associated 2C actin dependent regulator of chromatin subfamily c member 2
ENSG00000275854	-	-1.1	0.0235151	novel transcript 2C sense intronic to YARS2
ENSG00000070371	CLTCL1	-1.1	2.47E-13	clathrin heavy chain like 1
ENSG00000112159	MDN1	-1.1	2.75E-05	midasin AAA ATPase 1
ENSG00000198911	SREBF2	-1.1	1.60E-24	sterol regulatory element binding transcription factor 2
ENSG00000065989	PDE4A	-1.1	0.0008363	phosphodiesterase 4A
ENSG00000105048	TNNT1	-1.1	1.12E-12	troponin T1 2C slow skeletal type
ENSG00000198034	RPS4X	-1.1	1.02E-20	ribosomal protein S4 X-linked
ENSG00000075142	SRI	-1.1	2.70E-21	sorcin
ENSG00000168778	TCTN2	-1.1	2.98E-21	tectonic family member 2
ENSG00000176058	TPRN	-1.1	1.73E-13	taperin
ENSG00000185238	PRMT3	-1.1	3.09E-40	protein arginine methyltransferase 3
ENSG00000171793	CTPS1	-1.1	9.97E-53	CTP synthase 1
ENSG00000117054	ACADM	-1.1	7.06E-23	acyl-CoA dehydrogenase medium chain
ENSG00000239911	PRKAG2-AS1	-1.1	7.48E-06	PRKAG2 antisense RNA 1
ENSG00000108511	HOXB6	-1.1	1.11E-15	homeobox B6
ENSG00000271447	MMP28	-1.1	7.94E-14	matrix metalloproteinase 28
ENSG00000260924	LINC01311	-1.1	3.06E-05	long intergenic non-protein coding RNA 1311
ENSG00000136444	RSAD1	-1.1	1.18E-18	radical S-adenosyl methionine domain containing 1
ENSG00000125458	NT5C	-1.1	7.89E-18	5' 2C 3'-nucleotidase 2C cytosolic
ENSG00000260528	FAM157C	-1.1	0.0003417	family with sequence similarity 157 member C
ENSG00000197275	RAD54B	-1.1	5.79E-07	RAD54 homolog B
ENSG00000234028	EIF2AK3-DT	-1.1	0.002459	EIF2AK3 divergent transcript
ENSG00000145604	SKP2	-1.1	4.86E-42	S-phase kinase associated protein 2
ENSG00000182687	GALR2	-1.1	0.0019756	galanin receptor 2
ENSG00000133250	ZNF414	-1.1	8.49E-11	zinc finger protein 414
ENSG00000261713	SSTR5-AS1	-1.1	6.01E-05	SSTR5 antisense RNA 1

ENSG00000113569	NUP155	-1.1	1.35E-27	nucleoporin 155
ENSG00000275832	ARHGAP23	-1.1	9.14E-26	Rho GTPase activating protein 23
ENSG00000089123	TASP1	-1.1	7.43E-14	taspace 1
ENSG00000132967	HMGB1P5	-1.1	1.95E-45	high mobility group box 1 pseudogene 5
ENSG00000213551	DNAJC9	-1.1	3.01E-51	DnaJ heat shock protein family (Hsp40) member C9
ENSG00000257913	DDN-AS1	-1.1	0.0397499	DDN and PRKAG1 antisense RNA 1
ENSG00000188760	TMEM198	-1.1	1.45E-07	transmembrane protein 198
ENSG00000107672	NSMCE4A	-1.1	6.47E-33	NSE4 homolog A 2C SMC5-SMC6 complex component
ENSG00000227073	SDHDP2	-1.1	0.0019512	succinate dehydrogenase complex subunit D pseudogene 2
ENSG00000147684	NDUFB9	-1.1	5.20E-23	NADH:ubiquinone oxidoreductase subunit B9
ENSG00000225975	LINC01534	-1.1	1.35E-06	long intergenic non-protein coding RNA 1534
ENSG00000232284	GNG12-AS1	-1.1	0.0012218	GNG12 2C DIRAS3 and WLS antisense RNA 1
ENSG00000218358	RAET1K	-1.1	0.0283829	retinoic acid early transcript 1K pseudogene
ENSG00000176485	PLAAT3	-1.1	1.44E-22	phospholipase A and acyltransferase 3
ENSG00000227751	RCC2-AS1	-1.1	0.0220549	RCC2 antisense RNA 1
ENSG00000213740	SERBP1P1	-1.1	4.09E-31	SERPINE1 mRNA binding protein 1 pseudogene 1
ENSG00000028310	BRD9	-1.1	1.99E-10	bromodomain containing 9
ENSG00000141560	FN3KRP	-1.1	1.65E-30	fructosamine 3 kinase related protein
ENSG00000100867	DHRS2	-1.1	1.30E-07	dehydrogenase/ reductase 2
ENSG00000272325	NUDT3	-1.1	7.74E-36	nudix hydrolase 3
ENSG00000090316	MAEA	-1.1	6.31E-28	macrophage erythroblast attacher 2C E3 ubiquitin ligase
ENSG00000163322	ABRAXAS1	-1.1	1.10E-08	abraxas 1 2C BRCA1 A complex subunit
ENSG00000074266	EED	-1.1	2.19E-36	embryonic ectoderm development
ENSG00000184669	OR7E14P	-1.1	0.0378479	olfactory receptor family 7 subfamily E member 14 pseudogene
ENSG00000116396	KCNC4	-1.1	3.80E-24	potassium voltage-gated channel subfamily C member 4
ENSG00000241990	PRR34-AS1	-1.1	1.08E-08	PRR34 antisense RNA 1
ENSG00000197763	TXNRD3	-1.1	2.00E-18	thioredoxin reductase 3
ENSG00000006015	REX1BD	-1.1	4.03E-13	required for excision 1-B domain containing
ENSG00000034693	PEX3	-1.1	9.13E-26	peroxisomal biogenesis factor 3
ENSG00000272269	NUP153-AS1	-1.1	9.85E-09	NUP153 antisense RNA 1
ENSG00000166582	CENPV	-1.1	3.69E-19	centromere protein V
ENSG00000103018	CYB5B	-1.1	6.20E-73	cytochrome b5 type B
ENSG00000221995	TIAF1	-1.1	0.0002	TGFB1-induced anti-apoptotic factor 1
ENSG00000269968	-	-1.1	5.82E-13	novel transcript 2C antisense to GAPDH
ENSG00000177595	PIDD1	-1.1	5.11E-12	p53-induced death domain protein 1
ENSG00000164663	USP49	-1.1	0.0091608	ubiquitin specific peptidase 49
ENSG00000184985	SORCS2	-1.1	1.33E-14	sortilin related VPS10 domain containing receptor 2
ENSG00000162650	ATXN7L2	-1.1	7.04E-19	ataxin 7 like 2
ENSG00000225151	GOLGA2P7	-1.1	0.0285501	GOLGA2 pseudogene 7
ENSG00000143578	CREB3L4	-1.1	7.15E-13	cAMP responsive element binding protein 3 like 4
ENSG00000183199	HSP90AB3P	-1.1	8.54E-06	heat shock protein 90 alpha family class B member 3 2C pseudogene
ENSG00000104852	SNRNP70	-1	1.36E-44	small nuclear ribonucleoprotein U1 subunit 70
ENSG00000114126	TFDP2	-1	2.10E-29	transcription factor Dp-2
ENSG00000115053	NCL	-1	5.10E-32	nucleolin
ENSG00000100413	POLR3H	-1	1.29E-23	RNA polymerase III subunit H

ENSG00000166681	BEX3	-1	4.21E-16	brain expressed X-linked 3
ENSG00000102144	PGK1	-1	1.12E-14	phosphoglycerate kinase 1
ENSG00000188910	GJB3	-1	1.06E-11	gap junction protein beta 3
ENSG00000226054	MEMOIP1	-1	1.38E-09	mediator of cell motility 1 pseudogene 1
ENSG00000164172	MOCS2	-1	1.63E-34	molybdenum cofactor synthesis 2
ENSG00000165688	PMPCA	-1	4.85E-17	peptidase 2C mitochondrial processing subunit alpha
ENSG00000079739	PGM1	-1	2.95E-17	phosphoglucomutase 1
ENSG00000260236	-	-1	0.002283	novel transcript 2C antisense to PTPN23
ENSG00000205758	CRYZL1	-1	7.86E-15	crystallin zeta like 1
ENSG00000205544	TMEM256	-1	2.04E-12	transmembrane protein 256
ENSG00000269609	C10orf95-AS1	-1	9.38E-19	C10orf95 antisense RNA 1
ENSG00000175643	RMI2	-1	4.20E-16	RecQ mediated genome instability 2
ENSG00000065154	OAT	-1	2.79E-31	ornithine aminotransferase
ENSG00000146243	IRAK1BP1	-1	3.50E-07	interleukin 1 receptor associated kinase 1 binding protein 1
ENSG00000108106	UBE2S	-1	2.48E-09	ubiquitin conjugating enzyme E2 S
ENSG00000176155	CCDC57	-1	6.82E-13	coiled-coil domain containing 57
ENSG00000096384	HSP90AB1	-1	1.02E-38	heat shock protein 90 alpha family class B member 1
ENSG00000180957	PITPNB	-1	1.05E-34	phosphatidylinositol transfer protein beta
ENSG00000170791	CHCHD7	-1	3.24E-28	coiled-coil-helix-coiled-coil-helix domain containing 7
ENSG00000131504	DIAPH1	-1	1.86E-36	diaphanous related formin 1
ENSG00000227097	RPS28P7	-1	5.87E-13	ribosomal protein S28 pseudogene 7
ENSG00000097096	SYDE2	-1	9.99E-05	synapse defective Rho GTPase homolog 2
ENSG00000169689	CENPX	-1	3.03E-10	centromere protein X
ENSG00000288534	-	-1	1.36E-05	TMX2-CTNND1 readthrough (NMD candidate)
ENSG00000196696	PDXDC2P-NPIPB14P	-1	0.0005297	nuclear pore complex-interacting protein
ENSG00000122882	ECD	-1	1.81E-29	ecdysoneless cell cycle regulator
ENSG00000119185	ITGB1BP1	-1	5.71E-49	integrin subunit beta 1 binding protein 1
ENSG00000183856	IQGAP3	-1	1.28E-16	IQ motif containing GTPase activating protein 3
ENSG00000189403	HMGB1	-1	4.75E-31	high mobility group box 1
ENSG00000124370	MCEE	-1	3.10E-16	methylmalonyl-CoA epimerase
ENSG00000217716	RPS10P3	-1	0.0010972	ribosomal protein S10 pseudogene 3
ENSG00000145425	RPS3A	-1	7.70E-14	ribosomal protein S3A
ENSG00000286177	-	-1	0.0013036	novel transcript 2C antisense to CCDC97 and HNRNPUL1
ENSG00000170469	SPATA24	-1	6.27E-07	spermatogenesis associated 24
ENSG0000011132	APBA3	-1	1.98E-14	amyloid beta precursor protein binding family A member 3
ENSG00000091986	CCDC80	-1	4.31E-06	coiled-coil domain containing 80
ENSG00000108424	KPNB1	-1	2.62E-27	karyopherin subunit beta 1
ENSG00000140323	DISP2	-1	0.0268251	dispatched RND transporter family member 2
ENSG00000139641	ESYT1	-1	9.23E-23	extended synaptotagmin 1
ENSG00000230291	-	-1	1.95E-14	ribosomal protein L26 (RPL26) pseudogene
ENSG00000105819	PMPCB	-1	2.43E-40	peptidase 2C mitochondrial processing subunit beta
ENSG00000099256	PRTFDC1	-1	1.60E-08	phosphoribosyl transferase domain containing 1
ENSG00000117697	NSL1	-1	6.82E-23	NSL1 component of MIS12 kinetochore complex
ENSG00000135372	NAT10	-1	2.54E-36	N-acetyltransferase 10
ENSG00000149743	TRPT1	-1	1.19E-07	tRNA phosphotransferase 1
ENSG00000181524	RPL24P4	-1	4.78E-15	RPL24 pseudogene 4

ENSG00000104728	ARHGEF10	-1	0.0182039	Rho guanine nucleotide exchange factor 10
ENSG00000077348	EXOSC5	-1	3.76E-11	exosome component 5
ENSG00000177225	GATD1	-1	3.23E-28	glutamine amidotransferase like class 1 domain containing 1
ENSG00000150764	DIXDC1	-1	5.37E-18	DIX domain containing 1
ENSG00000138646	HERC5	-1	5.27E-20	HECT and RLD domain containing E3 ubiquitin protein ligase 5
ENSG00000228305	PRELID1P6	-1	1.65E-11	PRELID1 pseudogene 6
ENSG00000153558	FBXL2	-1	0.0005704	F-box and leucine rich repeat protein 2
ENSG00000233849	-	-1	0.0013213	novel transcript
ENSG00000134291	TMEM106C	-1	3.84E-15	transmembrane protein 106C
ENSG00000197372	ZNF675	-1	1.95E-06	zinc finger protein 675
ENSG00000212907	MT-ND4L	-1	1.13E-18	mitochondrially encoded NADH:ubiquinone oxidoreductase core subunit 4L
ENSG00000182173	TSEN54	-1	7.87E-11	tRNA splicing endonuclease subunit 54
ENSG00000164687	FABP5	-1	1.84E-13	fatty acid binding protein 5
ENSG00000100028	SNRPD3	-1	2.73E-35	small nuclear ribonucleoprotein D3 polypeptide
ENSG00000215068	-	-1	0.0005682	novel transcript 2C antisense to ANXA2R
ENSG00000110200	ANAPC15	-1	6.53E-18	anaphase promoting complex subunit 15
ENSG00000164808	SPIDR	-1	1.14E-22	scaffold protein involved in DNA repair
ENSG00000152804	HHEX	-1	9.24E-21	hematopoietically expressed homeobox
ENSG00000286450	-	-1	1.51E-06	novel transcript
ENSG00000159685	CHCHD6	-1	2.01E-14	coiled-coil-helix-coiled-coil-helix domain containing 6
ENSG00000164818	DNAAF5	-1	6.21E-24	dynein axonemal assembly factor 5
ENSG00000196757	ZNF700	-1	5.03E-10	zinc finger protein 700
ENSG00000253540	FAM86HP	-1	0.0001258	family with sequence similarity 86 member H 2C pseudogene
ENSG00000125967	NECAB3	-1	8.54E-15	N-terminal EF-hand calcium binding protein 3
ENSG00000074201	CLNS1A	-1	9.33E-46	chloride nucleotide-sensitive channel 1A
ENSG00000101773	RBBP8	-1	1.84E-12	RB binding protein 8 2C endonuclease
ENSG00000174748	RPL15	-1	4.23E-17	ribosomal protein L15
ENSG00000124279	FASTKD3	-1	4.67E-20	FAST kinase domains 3
ENSG00000173349	SFT2D3	-1	5.90E-17	SFT2 domain containing 3
ENSG00000257242	LINC01619	-1	0.0184945	long intergenic non-protein coding RNA 1619
ENSG00000151743	AMN1	-1	2.90E-13	antagonist of mitotic exit network 1 homolog
ENSG00000225880	LINC00115	-1	0.0002668	long intergenic non-protein coding RNA 115
ENSG00000146263	MMS22L	-1	1.66E-14	MMS22 like 2C DNA repair protein
ENSG00000087338	GMCL1	-1	2.84E-17	germ cell-less 1 2C spermatogenesis associated
ENSG00000235978	-	-1	0.0286166	novel transcript 2C antisense to ITPR1
ENSG00000185000	DGAT1	-1	2.03E-19	diacylglycerol O-acyltransferase 1
ENSG00000125691	RPL23	-1	2.71E-18	ribosomal protein L23
ENSG00000171488	LRRC8C	-1	3.75E-16	leucine rich repeat containing 8 VRAC subunit C
ENSG00000117569	PTBP2	-1	2.90E-06	polypyrimidine tract binding protein 2
ENSG00000123213	NLN	-1	6.44E-30	neurolysin
ENSG00000184319	RPL23AP82	-1	2.52E-18	ribosomal protein L23a pseudogene 82
ENSG00000122507	BBS9	-1	3.91E-08	Bardet-Biedl syndrome 9
ENSG00000151835	SACS	-1	0.0038184	sacsin molecular chaperone
ENSG00000120800	UTP20	-1	1.09E-11	UTP20 small subunit processome component
ENSG00000197728	RPS26	-1	3.84E-21	ribosomal protein S26

ENSG00000155850	SLC26A2	-1	8.68E-10	solute carrier family 26 member 2
ENSG00000120334	CENPL	-1	8.60E-22	centromere protein L
ENSG00000128000	ZNF780B	-1	2.06E-05	zinc finger protein 780B
ENSG00000226360	RPL10AP6	-1	8.11E-05	ribosomal protein L10a pseudogene 6
ENSG00000278238	-	-1	0.0223961	novel transcript
ENSG00000111640	GAPDH	-1	1.17E-11	glyceraldehyde-3-phosphate dehydrogenase
ENSG00000130477	UNC13A	-1	2.41E-15	unc-13 homolog A
ENSG00000196502	SULT1A1	-1	2.43E-12	sulfotransferase family 1A member 1
ENSG00000197162	ZNF785	-1	1.61E-07	zinc finger protein 785
ENSG00000078070	MCCC1	-1	3.18E-20	methylcrotonoyl-CoA carboxylase 1
ENSG00000173156	RHOD	-1	8.19E-09	ras homolog family member D
ENSG00000004864	SLC25A13	-1	1.25E-39	solute carrier family 25 member 13
ENSG00000150672	DLG2	-1	0.0052167	discs large MAGUK scaffold protein 2
ENSG00000158292	GPR153	-1	1.30E-14	G protein-coupled receptor 153
ENSG00000103356	EARS2	-1	2.39E-35	glutamyl-tRNA synthetase 2 2C mitochondrial
ENSG00000189046	ALKBH2	-1	1.20E-09	alkB homolog 2 2C alpha-ketoglutarate dependent dioxygenase
ENSG00000101311	FERMT1	-1	4.35E-22	fermitin family member 1
ENSG00000242396	-	-1	0.0013626	novel transcript
ENSG00000112576	CCND3	-1	2.12E-09	cyclin D3
ENSG00000255521	-	-1	0.0189089	novel transcript
ENSG00000124608	AARS2	-1	1.23E-15	alanyl-tRNA synthetase 2 2C mitochondrial
ENSG00000142864	SERBP1	-1	8.78E-41	SERPINE1 mRNA binding protein 1
ENSG00000263620	-	-1	0.0164614	novel protein