

Table S2: Significantly differentially expressed genes between unstimulated (culture media) and untreated controls (interleukin (IL)-1 β -stimulated pellets) after 2 h.

Probe Set ID	Gene Symbol	Gene Description	Log2 FC (unstimulated controls compared to untreated controls (IL-1 β -stimulated))	Adjusted p-value
15078331	LOC100070572	actin-binding protein anillin-like	4.48	2.13E-07
15027210	LOC100063021	histone H2A type 1-like	4.47	3.68E-06
14932458	MKI67	antigen identified by monoclonal antibody Ki-67	4.39	9.55E-07
14961376	LOC100057162	proline-rich protein 11-like	4.34	2.19E-07
15074537	ASPM	asp (abnormal spindle) homolog, microcephaly associated (Dr	4.27	7.44E-07
14944797	PRC1	protein regulator of cytokinesis 1	4.23	4.82E-07
14984908	LOC100070798	hyaluronan mediated motility receptor-like	4.14	6.89E-07
15024154	ANGPTL7	angiopoietin-like 7	4.04	2.94E-11
14960493	TOP2A	topoisomerase (DNA) II alpha 170kDa	4.04	7.49E-07
15101914	RACGAP1	Rac GTPase activating protein 1	4.00	3.92E-10
15090061	CENPF	centromere protein F, 350/400kDa (mitosin)	3.98	3.33E-07
15037163	TPX2	TPX2, microtubule-associated, homolog (<i>Xenopus laevis</i>)	3.93	2.97E-06
14932468	MKI67	antigen identified by monoclonal antibody Ki-67	3.91	2.73E-07
14946062	KIF23	kinesin family member 23	3.88	6.40E-08
15058413	GAS2L3	growth arrest-specific 2 like 3	3.80	1.45E-08
15066022	---	---	3.80	7.35E-07
14942647	KIF11	kinesin family member 11	3.77	1.86E-07
15035043	LOC100050093	g2/mitotic-specific cyclin-B1-like	3.76	3.39E-07
15115854	NDC80	NDC80 kinetochore complex component homolog (<i>S. cerevisi</i>	3.65	2.18E-07
15065998	CENPE	centromere protein E, 312kDa	3.60	1.13E-06
15027216	LOC100052889	histone H2B type 1-N-like	3.58	1.49E-07
15030125	LOC100053065	histone H3.1-like	3.53	3.62E-06
15003089	CKAP2	cytoskeleton associated protein 2	3.52	8.88E-07
15065467	LOC100069767	centromere protein N-like	3.51	6.90E-08
14947391	CASC5	cancer susceptibility candidate 5	3.51	2.05E-07
15101410	NELL2	NEL-like 2 (chicken)	3.50	1.09E-11
15027118	LOC100053156	histone H2B type 1-B-like	3.48	2.03E-05
15029648	F13A1	coagulation factor XIII, A1 polypeptide	3.46	2.30E-09
15090368	NUF2	NUF2, NDC80 kinetochore complex component, homolog (<i>S.</i>	3.46	1.86E-07
14985856	KIF20A	kinesin family member 20A	3.39	2.76E-06
15017685	LOC100057411	stathmin-like	3.33	8.26E-07
15020878	CCNA2	cyclin A2	3.28	7.84E-07
14947311	NUSAP1	nucleolar and spindle associated protein 1	3.27	1.43E-06
15004827	POSTN	periostin, osteoblast specific factor	3.25	2.73E-06
15088754	DEPDC1	DEP domain containing 1	3.23	1.13E-06
14946493	CCNB2	cyclin B2	3.20	7.49E-07
15011620	ECT2	epithelial cell transforming sequence 2 oncogene	3.17	7.44E-07
15030127	LOC100053105	histone H2A type 1-like	3.16	4.75E-06
14947475	BUB1B	budding uninhibited by benzimidazoles 1 homolog beta (yeast	3.14	1.88E-07
14939357	ARHGAP11A	Rho GTPase activating protein 11A	3.12	2.68E-06
14942597	CEP55	centrosomal protein 55kDa	3.09	8.00E-07
15038211	UBE2C	ubiquitin-conjugating enzyme E2C	3.07	5.52E-07
15091751	LOC100059737	histone H2B type 2-F-like	3.04	4.69E-05
14998606	MME	membrane metallo-endopeptidase	3.04	5.02E-09
14934268	LOC100072299	cyclin-dependent kinase 1-like	3.01	1.40E-06
15068532	SHCBP1	SHC SH2-domain binding protein 1	2.97	4.29E-07
15030212	LOC100052624	histone H2A type 1-like	2.96	1.12E-06
15091737	LOC100058378 //L	histone H3.2-like // histone H3.2-like // histone H3.2-like	2.95	1.11E-05
14957727	---	---	2.95	7.84E-07
15030135	---	---	2.92	8.91E-07
15072200	NCAPG	non-SMC condensin I complex, subunit G	2.89	4.06E-06
14997705	SGOL1	shugoshin-like 1 (<i>S. pombe</i>)	2.89	4.45E-06
15005311	DIAPH3	diaphanous homolog 3 (<i>Drosophila</i>)	2.88	1.18E-08

15091753	LOC100058378	histone H3.2-like	2.85	1.31E-05
15076168	LOC100063831	NKG2D ligand 1-like	2.85	7.07E-05
14991902	BUB1	budding uninhibited by benzimidazoles 1 homolog (yeast)	2.79	2.37E-07
15021826	KIF2C	kinesin family member 2C	2.77	1.88E-07
15030147	LOC100054378	histone H3.1-like	2.73	1.56E-05
15048982	SMC2	structural maintenance of chromosomes 2	2.71	2.25E-07
15132912	CAPN6	calpain 6	2.69	2.03E-05
15100085	LOC100052616	cell division cycle-associated protein 3-like	2.69	5.34E-08
15098415	BARD1	BRCA1 associated RING domain 1	2.68	4.97E-08
15019714	CDCA2	cell division cycle associated 2	2.67	8.57E-08
15055175	LOC100063599	uncharacterized protein C21orf62-like	2.67	1.20E-09
15025927	PLK4	polo-like kinase 4	2.65	2.38E-06
15017359	FABP3	fatty acid binding protein 3, muscle and heart (mammary-deri	2.64	6.05E-08
15044273	LOC100056254	cyclin-dependent kinase inhibitor 3-like	2.64	1.12E-07
15065448	LOC100055505	c-type lectin domain family 3 member A-like	2.63	0.0010641
15077718	LOC100052612	adseverin-like	2.63	4.79E-07
15020929	LOC100072353	mitotic spindle assembly checkpoint protein MAD2A-like	2.62	7.47E-07
14983481	LOC100629522	neuronal protein 3.1-like	2.62	3.42E-11
15113175	KIF18A	kinesin family member 18A	2.61	7.24E-06
14964282	BIRC5	baculoviral IAP repeat containing 5	2.60	2.14E-06
15016156	STIL	SCL/TAL1 interrupting locus	2.60	1.70E-08
15126382	NCAPG2	non-SMC condensin II complex, subunit G2	2.57	2.13E-07
15090176	DTL	denticleless E3 ubiquitin protein ligase homolog (Drosophila)	2.55	8.24E-07
15112692	LOC100055858	lymphatic vessel endothelial hyaluronic acid receptor 1-like	2.55	1.44E-06
15027122	LOC100053259	histone H3.1-like	2.52	0.0001071
14944940	FANCI	Fanconi anemia, complementation group I	2.50	7.80E-07
15037901	LOC100070299	protein FAM83D-like	2.50	1.86E-06
15132343	---	---	2.48	1.56E-10
15000727	KIF15	kinesin family member 15	2.47	7.99E-09
14942784	KIF20B	kinesin family member 20B	2.46	5.21E-09
15128483	---	---	2.44	3.13E-07
15074766	LOC100063899	ubiquitin-conjugating enzyme E2 T-like	2.44	1.59E-06
14991781	NCAPH	non-SMC condensin I complex, subunit H	2.42	2.11E-06
14952269	TTK	TTK protein kinase	2.40	4.72E-08
15116483	LOC100069517	spindle and kinetochore-associated protein 1-like	2.38	0.0071034
15130250	LOC100069284	high mobility group protein B3-like	2.38	1.21E-06
14994507	RRM2	ribonucleotide reductase M2	2.37	8.58E-06
15033824	C1QTNF3	C1q and tumor necrosis factor related protein 3	2.36	3.72E-09
15114903	KNTC1	kinetochore associated 1	2.35	1.39E-07
15134498	---	---	2.35	9.27E-07
15030198	LOC100147394	histone H2A type 1-like	2.31	2.31E-05
14968625	LOC100073050	serine/threonine-protein kinase 12-like	2.30	3.54E-06
15022062	CDC20	cell division cycle 20	2.30	5.03E-06
15087664	SLC16A4	solute carrier family 16, member 4 (monocarboxylic acid tran	2.29	1.01E-06
15084628	SMC4	structural maintenance of chromosomes 4	2.28	3.39E-07
14999063	FANCD2	Fanconi anemia, complementation group D2	2.26	3.87E-06
15030202	LOC100052942	histone H2A type 1-D-like	2.26	2.28E-05
15030149	LOC100054424	histone H2A type 1-D-like	2.25	0.0004841
15030196	---	---	2.24	5.54E-06
15009774	LOC100062715	kinetochore protein Spc25-like	2.23	5.47E-06
15027141	LOC100068222	histone H2B type 1-like	2.20	0.0006828
15051277	C25H9orf100	chromosome 9 open reading frame 100 ortholog	2.20	7.80E-07
14979614	PLK1	polo-like kinase 1	2.18	7.71E-07
15099796	FOXM1	forkhead box M1	2.14	1.88E-07
15129074	CENPI	centromere protein I	2.13	2.09E-07
15089756	TRIM59	tripartite motif containing 59	2.12	2.09E-06
15024972	LOC100060789	lymphokine-activated killer T-cell-originated protein kinase-li	2.12	0.000866
15048597	MELK	maternal embryonic leucine zipper kinase	2.11	7.44E-07
15082993	LOC100064880	pleiotrophin-like	2.11	7.44E-07
15041344	LOC100062623	zinc finger protein 367-like	2.10	7.47E-07
15095449	LOC100050852	uncharacterized protein C12orf32-like	2.09	1.80E-08
15030210	LOC100052511	histone H3.1-like	2.09	0.0008339
15085288	NEK2	NIMA (never in mitosis gene a)-related kinase 2	2.08	2.44E-07
15033067	---	---	2.08	1.25E-06

14984135	GCNT4	glucosaminyl (N-acetyl) transferase 4, core 2	2.07	0.0002596
15113085	E2F8	E2F transcription factor 8	2.07	1.05E-05
14994348	GEN1	Gen endonuclease homolog 1 (Drosophila)	2.06	1.26E-06
15038045	MYBL2	v-myb myeloblastosis viral oncogene homolog (avian)-like 2	2.06	8.45E-06
15019824	ESCO2	establishment of cohesion 1 homolog 2 (S. cerevisiae)	2.06	6.47E-06
15076160	LOC100063776	uncharacterized LOC100063776	2.04	5.97E-06
14947446	LOC100071423	putative TRAF4-associated factor 1-like	2.03	6.05E-08
15121168	LOC100052149	myb-related protein A-like	2.02	4.49E-06
15101838	LOC100059091	tubulin alpha-1A chain-like	2.02	2.73E-07
14983889	HAPLN1	hyaluronan and proteoglycan link protein 1	2.01	9.85E-06
15124460	ATAD2	ATPase family, AAA domain containing 2	2.01	1.88E-07
15120764	MMP16	matrix metalloproteinase 16 (membrane-inserted)	2.01	5.73E-10
15010499	ZNF385B	zinc finger protein 385B	2.00	7.20E-06
15109872	LOC100062824	FXFD domain-containing ion transport regulator 6-like	1.99	4.06E-06
15040911	LOC100050161	serine/threonine-protein kinase 6-like	1.99	7.24E-05
14955540	LOC100063245	cationic amino acid transporter 3-like	1.98	7.42E-06
15008028	SGOL2	shugoshin-like 2 (S. pombe)	1.93	1.13E-06
15046735	DLGAP5	discs, large (Drosophila) homolog-associated protein 5	1.93	0.0009217
14934097	ACTA2	actin, alpha 2, smooth muscle, aorta	1.91	0.0106297
15089190	LOC100629703	protein FAM72A-like	1.89	0.0001198
15021075	C4orf21	chromosome 4 open reading frame 21	1.89	5.42E-06
15027145	LOC100146811	histone H3.1-like	1.89	0.0003215
15027214	LOC100052679 //L	histone H4-like // histone H4-like // histone H4-like // histone H4-like	1.89	0.0034201
14965576	LOC100630218	retina-specific copper amine oxidase-like	1.87	7.80E-07
15128808	LOC100071749	lysophosphatidic acid receptor 4-like	1.87	5.66E-06
14944988	ACAN	aggrecan	1.86	5.41E-05
15014360	LEPREL1	leprecan-like 1	1.86	3.87E-06
15124409	DSCC1	defective in sister chromatid cohesion 1 homolog (S. cerevisiae)	1.84	9.66E-07
15088822	LOC100069195	UDP-N-acetylglucosamine/UDP-glucose/GDP-mannose transferase	1.84	4.68E-08
14957724	MTFR2	mitochondrial fission regulator 2	1.83	3.65E-06
15123661	MCM4	minichromosome maintenance complex component 4	1.83	3.51E-05
15027218	LOC100052624 //L	histone H2A type 1-like // histone H2A type 1-like // histone H2A type 1-like	1.81	4.65E-05
15122516	---	---	1.81	2.47E-05
14956480	SRSF12	serine/arginine-rich splicing factor 12	1.80	4.51E-06
15021566	LOC100629771	uncharacterized protein C1orf185 homolog	1.80	1.69E-06
15021113	LOC100072829	elongation of very long chain fatty acids protein 6-like	1.80	1.51E-05
15002551	LOC100050428	gamma-sarcoglycan-like	1.80	0.0001784
15027149	LOC100052511 //L	histone H3.1-like // histone H3.1-like // histone H3.1-like // histone H3.1-like	1.79	0.0023004
14965618	LOC100630685	receptor activity-modifying protein 2-like	1.78	2.38E-08
15101740	LOC100058791	peptidyl-prolyl cis-trans isomerase FKBP11-like	1.78	6.20E-06
14943083	RTKN2	rhotekin 2	1.78	5.24E-06
15007322	ITGA6	integrin, alpha 6	1.77	0.0023624
15058310	TMPO	thymopoietin	1.77	1.96E-08
14994150	LOC100055617	histone H3-like centromeric protein A-like	1.76	4.40E-05
15008929	LOC100055572	DNA replication licensing factor MCM6-like	1.75	7.44E-07
15103647	UHRF1	ubiquitin-like with PHD and ring finger domains 1	1.75	4.09E-06
15132405	HMGN5	high mobility group nucleosome binding domain 5	1.75	0.0006036
15107707	WEE1	WEE1 homolog (S. pombe)	1.74	0.0059526
15030133	LOC100053994	histone H4-like	1.74	0.0005353
14937533	LOC100053775	PCNA-associated factor-like	1.73	4.76E-06
15025249	TLL1	tolloid-like 1	1.72	3.14E-05
15030204	LOC100062934	histone H2B type 2-F-like	1.72	7.03E-05
15074615	KIF14	kinesin family member 14	1.72	1.30E-06
15058557	LOC100053215	PARP1-binding protein-like	1.71	5.42E-06
14970161	FAM111B	family with sequence similarity 111, member B	1.70	2.26E-06
15099719	B4GALNT3	beta-1,4-N-acetyl-galactosaminyl transferase 3	1.70	2.70E-10
15027143	LOC100053897	histone H2A type 1-like	1.70	0.0135509
15030139	LOC100053847	histone H2B type 1-like	1.70	0.0052274
14967315	SPAG5	sperm associated antigen 5	1.70	9.62E-05
14959248	KPNA2	karyopherin alpha 2 (RAG cohort 1, importin alpha 1)	1.69	1.52E-05
15052323	PHF19	PHD finger protein 19	1.69	8.70E-07
15086065	IQGAP3	IQ motif containing GTPase activating protein 3	1.68	5.09E-06
15048016	SPI2	alpha-1-antitrypsin	1.68	0.0033686
15104639	TAGLN	transgelin	1.68	0.0029661

15056268	PDGFR	platelet-derived growth factor receptor-like	1.68	2.61E-06
14986286	LMNB1	lamin B1	1.68	8.50E-06
15030206	LOC100052783	histone H3.1-like	1.67	0.0024196
15074033	EXO1	exonuclease 1	1.67	1.59E-06
15062229	NEBL	nebulette	1.66	1.88E-07
15123161	CRISPLD1	cysteine-rich secretory protein LCCL domain containing 1	1.66	0.0053108
15093013	LRRRC8C	leucine rich repeat containing 8 family, member C	1.66	1.95E-06
15058902	MCM5	minichromosome maintenance complex component 5	1.65	9.04E-06
15114275	CIT	citron (rho-interacting, serine/threonine kinase 21)	1.65	0.0004651
14942491	HELLS	helicase, lymphoid-specific	1.64	5.10E-06
15087025	LOC100058378	histone H3.2-like	1.63	0.011251
15013263	LOC100061715	protein CIP2A-like	1.61	5.88E-05
14943625	KCNMA1	potassium large conductance calcium-activated channel, subf	1.61	2.48E-05
14942529	PLCE1	phospholipase C, epsilon 1	1.60	2.16E-07
14991986	CKAP2L	cytoskeleton associated protein 2-like	1.60	0.0001781
14982773	CDC25C	cell division cycle 25 homolog C (S. pombe)	1.60	9.61E-05
15089905	GLT25D2	glycosyltransferase 25 domain containing 2	1.60	5.61E-05
14957581	MOXD1	monooxygenase, DBH-like 1	1.59	0.0010712
15021265	LOC100066893	long-chain specific acyl-CoA dehydrogenase, mitochondrial-li	1.59	1.77E-07
15072714	WHSC1	Wolf-Hirschhorn syndrome candidate 1	1.59	5.98E-07
15032357	LOC100057208	collagen alpha-1(IX) chain-like	1.59	3.70E-06
15032036	MCM3	minichromosome maintenance complex component 3	1.58	3.14E-06
15062157	LOC100065929	phosphoribosyltransferase domain-containing protein 1-like	1.58	0.000152
14985066	LOC100059936	delta-sarcoglycan-like	1.58	5.48E-06
14958375	LOC100057908	thymidine kinase, cytosolic-like	1.57	2.32E-08
15112316	LOC100069918	protein kinase C delta-binding protein-like	1.57	2.29E-05
15066141	H2AFZ	H2A histone family, member Z	1.57	8.64E-05
15019995	LOC100061126	scrapie-responsive protein 1-like	1.56	0.0084964
15132747	---	---	1.55	1.01E-06
15030131	LOC100053279 //L	histone H2B type 1-K-like // histone H2B type 1-K-like	1.55	0.0002522
15062095	MASTL	microtubule associated serine/threonine kinase-like	1.55	3.21E-05
15113149	LGR4	leucine-rich repeat containing G protein-coupled receptor 4	1.55	1.43E-07
15083433	EZH2	enhancer of zeste homolog 2 (Drosophila)	1.54	1.01E-06
15087959	SASS6	spindle assembly 6 homolog (C. elegans)	1.54	0.0001951
15068271	LOC100070406	probable serine protease HTRA3-like	1.53	6.02E-05
15030167	LOC100053279 //L	histone H2B type 1-K-like // histone H2B type 1-K-like // histo	1.52	3.38E-05
15092069	SYCP1	synaptonemal complex protein 1	1.52	5.40E-05
14966641	LOC100629882	spindle and kinetochore-associated protein 2-like	1.51	1.03E-06
15030137	LOC100054041	histone H2A type 1-D-like	1.51	0.0049414
15102858	PRIM1	primase, DNA, polypeptide 1 (49kDa)	1.50	1.45E-05
15027139	LOC100053279 //L	histone H2B type 1-K-like // histone H2B type 1-K-like // histone	1.50	0.0002234
15073097	LOC100058310	protein lin-9 homolog	1.49	6.37E-06
15132116	ERCC6L	excision repair cross-complementing rodent repair deficiency	1.49	4.81E-06
15060007	LOC100050683	protein lin-7 homolog A-like	1.49	3.41E-07
15069324	LOC100053509	centromere protein T-like	1.49	4.28E-09
15005285	LECT1	leukocyte cell derived chemotaxin 1	1.48	0.0091019
15058996	LOC100069841	galectin-1-like	1.48	0.0023392
15095563	LOC100059512	CD9 antigen-like	1.48	5.52E-07
14988094	MGAT4A	mannosyl (alpha-1,3-)-glycoprotein beta-1,4-N-acetylglucosar	1.47	4.61E-06
15109741	CADM1	cell adhesion molecule 1	1.47	4.76E-08
15022452	LOC100054646	borealin-like	1.47	0.0001041
15027153	LOC100054236	histone H4-like	1.47	0.0130508
15131515	SLC9A7	solute carrier family 9, subfamily A (NHE7, cation proton anti	1.47	3.61E-05
15129618	DOCK11	dedicator of cytokinesis 11	1.46	3.89E-08
15002855	BRCA2	breast cancer 2, early onset	1.46	1.88E-07
14985920	LOC100072674	transforming growth factor-beta-induced protein ig-h3-like	1.45	5.69E-05
15096839	TUBA1C	tubulin, alpha 1c	1.45	0.0002596
15029485	KCNQ5	potassium voltage-gated channel, KQT-like subfamily, member	1.45	0.0002842
15101460	SLC38A1	solute carrier family 38, member 1	1.44	0.0001832
15027212	LOC100053279	histone H2B type 1-K-like	1.44	0.0002745
15102871	---	---	1.43	0.0003226
15067694	UGDH	UDP-glucose 6-dehydrogenase	1.43	4.69E-07
14997696	ZNF385D	zinc finger protein 385D	1.43	1.04E-05
15094688	LOC100064788	EF-hand domain-containing protein D1-like	1.43	0.0118188

14961536	LOC100071185	Fanconi anemia group J protein-like	1.43	0.0001073
14958766	LOC100059961	hematological and neurological expressed 1 protein-like	1.43	1.74E-06
14987568	LOC100065720	microtubule-associated protein 1B-like	1.42	3.89E-07
15055076	LOC100063964	protein Mis18-alpha-like	1.42	5.84E-06
15130082	FHL1	four and a half LIM domains 1	1.42	0.0007885
15013861	LOC100063992	60S ribosomal protein L22-like 1-like	1.42	5.39E-05
15089522	CENPL	centromere protein L	1.42	0.0010285
14968944	PMP22	peripheral myelin protein 22	1.42	0.0002161
14981991	LOC100630177	t-cell immunoglobulin and mucin domain-containing protein	1.41	0.0062866
15070860	LOC100059394	annexin A3-like	1.41	0.0001514
14996896	CSPG5	chondroitin sulfate proteoglycan 5 (neuroglycan C)	1.40	2.24E-05
15134554	---	---	1.40	0.0010077
15083077	LOC100066648	UPF0606 protein KIAA1549-like	1.40	9.72E-06
15131238	---	---	1.40	3.74E-05
15088442	MCOLN2	mucoilin 2	1.39	1.44E-06
15030141	LOC100054193	histone H2B type 2-F-like	1.39	0.0035862
15132674	LOC100060746	armadillo repeat-containing X-linked protein 2-like	1.39	1.01E-06
15075217	SMOC2	SPARC related modular calcium binding 2	1.39	2.29E-05
15123100	LOC100057538	fatty acid-binding protein, epidermal-like	1.39	0.0012342
15011413	TIPARP	TCDD-inducible poly(ADP-ribose) polymerase	1.39	5.23E-05
15106952	CHRDL2	chordin-like 2	1.39	1.73E-05
15015428	COL8A1	collagen, type VIII, alpha 1	1.38	0.0004879
14950926	LOC100050794	epithelial membrane protein 3-like	1.38	4.31E-05
15027199	LOC100052624 //L	histone H2A type 1-like // histone H2A type 1-like // histone H	1.38	0.000787
14984805	CCDC99	spindle apparatus coiled-coil protein 1	1.38	0.000152
14951156	RCN3	reticulocalbin 3, EF-hand calcium binding domain	1.38	1.83E-05
15087070	ITGA10	integrin, alpha 10	1.38	2.63E-05
14979712	ERI2	ERI1 exoribonuclease family member 2	1.37	2.73E-05
14996585	MIR191	microRNA mir-191	1.37	0.0001143
15027201	LOC100052679 //L	histone H4-like // histone H4-like // histone H4-like // histone	1.37	0.0020823
15019999	LOC100061162	high mobility group protein B2-like	1.36	9.06E-09
15025551	LOC100070074	meiotic nuclear division protein 1 homolog	1.36	6.06E-06
14933592	LOXL4	lysyl oxidase-like 4	1.36	1.25E-06
15002234	LOC100050742	transmembrane 4 L6 family member 1-like	1.35	3.44E-05
14945363	ATP10A	ATPase, class V, type 10A	1.35	4.33E-07
15075897	THBS2	thrombospondin 2	1.35	0.0003009
15107038	LOC100052144	mitochondrial uncoupling protein 2-like	1.35	1.90E-06
14944575	IL16	interleukin 16	1.35	0.0002599
14973812	LOC100057522	ribonuclease H2 subunit C-like	1.35	4.13E-05
14990510	LOC100055408	cell growth regulator with EF hand domain protein 1-like	1.35	0.0002172
14962447	---	---	1.35	9.96E-05
14932572	OAT	ornithine aminotransferase	1.34	3.14E-06
15036246	TRIP13	thyroid hormone receptor interactor 13	1.34	0.0008502
15012897	POLQ	polymerase (DNA directed), theta	1.34	9.63E-05
15024789	LOC100146676	receptor expression-enhancing protein 4-like	1.34	0.0001228
14948833	MIS18BP1	MIS18 binding protein 1	1.34	8.25E-05
15014311	RFC4	replication factor C (activator 1) 4, 37kDa	1.33	0.0001805
15027982	KIFC1	kinesin family member C1	1.33	2.05E-06
15038823	LOC100058964	solute carrier family 17 member 9-like	1.32	4.75E-06
15035034	LOC100055887	centromere protein H-like	1.32	5.08E-05
15081535	PDK4	pyruvate dehydrogenase kinase, isozyme 4	1.32	0.0334962
15004420	SKA3	spindle and kinetochore associated complex subunit 3	1.31	7.03E-05
15095610	NCAPD2	non-SMC condensin I complex, subunit D2	1.31	1.04E-05
14998436	LOC100059005	type-1 angiotensin II receptor-like	1.31	0.0088696
14996027	NT5DC2	5'-nucleotidase domain containing 2	1.30	9.66E-07
14979908	LOC100034059	exonuclease NEF-sp	1.30	6.40E-06
14942909	PAPSS2	3'-phosphoadenosine 5'-phosphosulfate synthase 2	1.30	0.0001329
14988421	LOC100051931	fibulin-7-like	1.30	0.000583
15066229	UNC5C	unc-5 homolog C (C. elegans)	1.29	0.0016772
15099258	HJURP	Holliday junction recognition protein	1.29	8.89E-05
14950206	LOC100068274	u1 small nuclear ribonucleoprotein A-like	1.29	4.53E-06
15020022	---	---	1.29	0.0015191
15068089	LOC100056091	heparan sulfate glucosamine 3-O-sulfotransferase 1-like	1.29	5.02E-05
15030151	LOC100054521	histone H4-like	1.28	0.0043007

14956680	LOC100066022	protein MMS22-like	1.28	0.0017401
15075346	LOC100062649	f-box only protein 5-like	1.28	0.0120097
15030208	LOC100052679	histone H4-like	1.27	0.0027432
15067748	TLR1	toll-like receptor 1	1.27	0.0064722
14967406	LOC100059417	TLC domain-containing protein 1-like	1.27	8.55E-06
15016982	CLSPN	claspin	1.27	0.0003001
15003588	LOC100065875	protein aurora borealis-like	1.27	3.61E-05
15034068	ANKH	ankylosis, progressive homolog (mouse)	1.27	3.95E-07
14944916	TICRR	TOPBP1-interacting checkpoint and replication regulator	1.26	2.61E-05
15118310	---	---	1.26	8.45E-05
15134766	---	---	1.26	0.0002778
15090174	---	---	1.26	0.0146903
14973724	LOC100050887	sororin-like	1.26	0.0005426
15025502	LOC100069704	lecithin retinol acyltransferase-like	1.26	0.0240079
15031054	COL11A2	collagen, type XI, alpha 2	1.25	0.0015103
15131595	LOC100051531	sodium-coupled neutral amino acid transporter 5-like	1.25	5.57E-05
15121868	MATN2	matrilin 2	1.25	0.0159417
14993587	LTBP1	latent transforming growth factor beta binding protein 1	1.25	3.66E-05
14945210	---	---	1.25	0.0002617
15026446	SGMS2	sphingomyelin synthase 2	1.25	0.0009757
15124355	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b	1.25	0.0118188
15078045	LOC100068610	sorting nexin-10-like	1.24	3.29E-05
15017799	LOC100057723	UDP-glucose 4-epimerase-like	1.23	7.41E-05
15018644	LOC100056730	spermidine synthase-like	1.23	0.0030115
14958018	LOC100049879	pyrroline-5-carboxylate reductase 1, mitochondrial-like	1.23	0.0039001
15047459	LOC100058058	probable ergosterol biosynthetic protein 28-like	1.23	3.19E-05
15087016	LOC100054253	histone H2A type 2-B-like	1.23	0.0005249
15037709	LOC100055199	myosin regulatory light chain 2, smooth muscle major isoform	1.23	0.006282
15076439	GPR126	G protein-coupled receptor 126	1.23	2.03E-05
15045318	LOC100051632	proto-oncogene c-Fos-like	1.22	0.0093553
15027120	LOC100053206	histone H2A type 1-E-like	1.22	0.0003365
15060207	LOC100051709	epiphycan-like	1.22	0.0168858
15033151	DEPDC1B	DEP domain containing 1B	1.22	0.0001552
15020024	MFAP3L	microfibrillar-associated protein 3-like	1.21	0.0247897
14936844	CSPG4	chondroitin sulfate proteoglycan 4	1.21	0.0009192
15052648	ANGPTL2	angiopoietin-like 2	1.21	0.0004279
15005929	EFNB2	ephrin-B2	1.21	0.0164694
15014926	LOC100070985	phospholipase A1 member A-like	1.21	0.0050924
14998311	ACPL2	acid phosphatase-like 2	1.20	3.21E-06
15021570	LOC100051195	cyclin-dependent kinase 4 inhibitor C-like	1.20	1.04E-07
15072753	TACC3	transforming, acidic coiled-coil containing protein 3	1.20	0.000152
14981678	STC2	stanniocalcin 2	1.20	0.0001399
15109502	LOC100069666	solute carrier family 35 member F2-like	1.20	0.0043992
15045332	LOC100058017	feline leukemia virus subgroup C receptor-related protein 2-like	1.20	0.0009811
15091893	PHGDH	phosphoglycerate dehydrogenase	1.19	0.0003749
15099538	LOC100067824	thymidylate kinase-like	1.19	0.0002596
15006858	GALNT5	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylglucosaminyltransferase 5	1.19	0.0050086
15030165	LOC100053472	histone H2B type 1-J-like	1.19	0.0005726
15086341	THBS3	thrombospondin 3	1.19	7.50E-05
14997490	SUSD5	sushi domain containing 5	1.19	0.0001416
14946221	ZWILCH	Zwilch, kinetochore associated, homolog (Drosophila)	1.18	0.0035862
15097636	ESYT1	extended synaptotagmin-like protein 1	1.18	0.0005171
14987727	LOC100061573	---	1.18	0.0012402
14942975	LOC100072070	ZW10 interactor-like	1.18	0.000484
15015733	DHCR24	24-dehydrocholesterol reductase	1.18	0.0012168
15063510	MCM10	minichromosome maintenance complex component 10	1.18	0.0005812
15031410	MDGA1	MAM domain containing glycosylphosphatidylinositol anchor	1.17	0.0364814
15024846	LOC100058083	lysyl oxidase homolog 2-like	1.17	3.94E-06
15059655	GTSE1	G-2 and S-phase expressed 1	1.16	3.91E-05
14948842	---	---	1.16	0.0001281
15105433	LOC100064444	hydrolethals syndrome protein 1-like	1.16	0.0006375
15133050	LOC100058639	septin-6-like	1.16	1.08E-05
14965791	CDC6	cell division cycle 6 homolog (S. cerevisiae)	1.16	0.000532
15047603	---	---	1.16	0.0013618

15124687	KCNQ3	potassium voltage-gated channel, KQT-like subfamily, member	1.15	0.0011879
15069755	LOC100068994	carbohydrate sulfotransferase 6-like	1.15	3.81E-05
14992827	LOC100063163	neutral amino acid transporter A-like	1.15	0.0045561
14966646	MIR454	microRNA mir-454	1.15	0.0050086
15052202	TNC	tenascin C	1.15	0.000866
15125419	CDC45	cell division cycle 45 homolog (S. cerevisiae)	1.14	0.0003861
15037507	ACSS2	acyl-CoA synthetase short-chain family member 2	1.14	5.41E-05
14937898	LOC100068954	meiosis-specific nuclear structural protein 1-like	1.14	8.92E-05
14935045	LOC100630551	uncharacterized LOC100630551	1.14	0.0001375
15057594	NEIL3	nei endonuclease VIII-like 3 (E. coli)	1.14	0.0001507
15120906	LOC100058549	hairy/enhancer-of-split related with YRPW motif protein 1-like	1.13	0.0001258
15133137	LOC100055183	c1GALT1-specific chaperone 1-like	1.13	0.0049981
14951600	LOC100062591	myeloid-associated differentiation marker-like	1.13	0.0011975
14965457	G6PC3	glucose 6 phosphatase, catalytic, 3	1.13	0.0020812
14980626	LOC100068378	cyclin-F-like	1.13	0.0002135
15019198	LOC100147495	matrix-remodeling-associated protein 8-like	1.13	0.006066
15043082	---	---	1.13	4.81E-05
15009627	COBL1	COBL-like 1	1.12	0.0130508
15056706	CSGALNACT1	chondroitin sulfate N-acetylgalactosaminyltransferase 1	1.12	0.0011975
15029938	MBOAT1	membrane bound O-acyltransferase domain containing 1	1.12	0.0053108
15091741	LOC100061573	---	1.12	0.0025505
15100800	RECQL	RecQ protein-like (DNA helicase Q1-like)	1.12	0.0002816
14948884	LOC100065785	DNA polymerase epsilon subunit 2-like	1.12	7.85E-05
15128337	MSN	moesin	1.12	1.41E-05
14968187	LOC100060987	protein MIS12 homolog	1.12	0.0031224
14952379	NTSE	5'-nucleotidase, ecto (CD73)	1.11	0.0053108
15047107	LOC100053070	alpha-actinin-1-like	1.11	7.48E-06
15055305	ERG	v-ets erythroblastosis virus E26 oncogene homolog (avian)	1.10	0.000198
15094718	ECA.9094	---	1.10	9.69E-05
14952352	PRSS35	protease, serine, 35	1.10	3.67E-06
15081344	LOC100050921	lanosterol 14-alpha demethylase-like	1.10	1.45E-05
15045865	---	---	1.10	7.94E-05
15108709	LOC100062552	UPF0556 protein C19orf10 homolog	1.09	5.70E-06
15027576	LOC100054623	transcription factor 19-like	1.09	9.20E-05
15105167	GRAMD1B	GRAM domain containing 1B	1.09	0.0011711
15131337	SRPX	sushi-repeat containing protein, X-linked	1.09	0.0004097
15065525	PLCG2	phospholipase C, gamma 2 (phosphatidylinositol-specific)	1.09	0.0067364
15028880	POLH	polymerase (DNA directed), eta	1.09	0.0083654
15105720	LOC100064275	histone chaperone ASF1B-like	1.09	0.0010716
14940730	LOC100065715	leucine-rich repeat protein 1-like	1.08	0.0002066
15069988	LOC100070367	DNA replication complex GINS protein PSF2-like	1.08	8.64E-05
15048334	LOC100062431	cell division cycle-associated protein 4-like	1.08	0.0005123
14940195	PCK2	phosphoenolpyruvate carboxykinase 2 (mitochondrial)	1.08	0.0046069
14937146	GRAMD2	GRAM domain containing 2	1.08	7.75E-05
14945083	LOC100051861	repulsive guidance molecule A-like	1.08	0.0003566
14975522	LOC100061635	frizzled-9-like	1.08	9.30E-05
15092982	CDC7	cell division cycle 7 homolog (S. cerevisiae)	1.08	0.0022494
15060627	LOC100053507	glycosyltransferase 8 domain-containing protein 2-like	1.08	9.21E-06
15103108	LRIG3	leucine-rich repeats and immunoglobulin-like domains 3	1.08	0.0006172
14934085	LIPA	lipase A, lysosomal acid, cholesterol esterase	1.07	0.0008548
14974218	DHCR7	7-dehydrocholesterol reductase	1.07	9.11E-06
14983935	LOC100073256	dihydrofolate reductase-like	1.07	9.01E-05
15130450	LOC100057948	translocon-associated protein subunit delta-like	1.06	0.0250094
15048486	CA9	carbonic anhydrase IX	1.06	0.0469728
15011841	LOC100058694	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase	1.06	0.0016012
15127931	LOC100051736	putative RNA-binding protein 3-like	1.06	0.00242
15027508	TUBB2A	tubulin, beta 2A class IIa	1.06	0.0002361
15001745	TOPBP1	topoisomerase (DNA) II binding protein 1	1.06	0.0010631
15102747	TIMELESS	timeless homolog (Drosophila)	1.06	0.0007305
15110915	CNN1	calponin 1, basic, smooth muscle	1.05	0.0315435
15029596	SLC22A23	solute carrier family 22, member 23	1.05	0.00242
15130699	NLGN4X	neuroligin 4, X-linked	1.05	0.0330721
15031406	LOC100064550	transmembrane and coiled-coil domain-containing protein Cc	1.05	3.44E-05
15043238	LOC100050442	tight junction protein ZO-2-like	1.04	1.27E-06

14937253	ITGA11	integrin, alpha 11	1.04	0.0273141
15060707	CKAP4	cytoskeleton-associated protein 4	1.04	7.50E-05
15086701	S100A10	S100 calcium binding protein A10	1.04	0.0044306
14983055	SHROOM1	shroom family member 1	1.04	1.68E-06
15007939	SLC39A10	solute carrier family 39 (zinc transporter), member 10	1.04	0.0144943
15029199	LRRC1	leucine rich repeat containing 1	1.03	9.89E-05
14986180	CHSY3	chondroitin sulfate synthase 3	1.03	0.0001115
15033420	HMGCS1	3-hydroxy-3-methylglutaryl-CoA synthase 1 (soluble)	1.03	0.0003571
15030143	LOC100054332	histone H4-like	1.03	0.0045585
15033079	ADAMTS6	ADAM metalloproteinase with thrombospondin type 1 motif, 6	1.03	0.0009202
14945188	PCSK6	proprotein convertase subtilisin/kexin type 6	1.03	2.61E-06
15107891	EFHD1	EF-hand domain family, member D1	1.02	0.0100358
15052711	LOC100070413	adenylate kinase isoenzyme 1-like	1.02	0.0017477
14933619	LOC100070673	secreted frizzled-related protein 5-like	1.02	0.007568
15123814	LOC100055639	ribonuclease UK114-like	1.02	0.0364814
15129703	LOC100059103	ADP/ATP translocase 2-like	1.02	6.19E-05
15026945	RNF144B	ring finger protein 144B	1.02	0.0049217
15030704	LOC100058853	chloride intracellular channel protein 1-like	1.02	0.0007865
14995167	RAD18	RAD18 homolog (<i>S. cerevisiae</i>)	1.02	0.0004697
14953112	LOC100629154	centromere protein W-like	1.02	0.0124708
15087870	LOC100049922	collagen alpha-1(XI) chain-like	1.01	8.25E-05
15060643	SLC41A2	solute carrier family 41, member 2	1.01	0.0012061
15040296	LOC100070046	protein-glutamine gamma-glutamyltransferase 2-like	1.01	0.0042106
15052391	LOC100071711	erythrocyte band 7 integral membrane protein-like	1.01	0.0014268
15064272	CPNE2	copine II	1.00	4.23E-05
14986226	SLC12A2	solute carrier family 12 (sodium/potassium/chloride transporter)	1.00	0.0001514
15012429	MF12	antigen p97 (melanoma associated) identified by monoclonal antibody	1.00	0.0010528
15085582	LOC100630691	Purkinje cell protein 4-like protein 1-like	1.00	0.0006887
14961882	LOC100630810	protein EVI2A-like	1.00	0.010767
15135480	---	---	1.00	0.0045901
15109357	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	-8.46	6.21E-21
15071093	CXCL6	chemokine (C-X-C motif) ligand 6	-6.90	3.39E-17
15109367	MMP3	matrix metalloproteinase 3 (stromelysin 1, progelatinase)	-6.51	9.19E-15
15094462	LOC100629808	c-C motif chemokine 20-like	-5.52	4.38E-17
15109386	MMP13	matrix metalloproteinase 13 (collagenase 3)	-5.24	6.30E-13
15108043	SAA // LOC1000567	serum amyloid A1 // serum amyloid A protein-like // serum amyloid A	-5.20	3.83E-13
14991538	IL-1RII	interleukin-1 receptor type II	-4.95	1.86E-13
15071082	ECA.13530	---	-4.86	7.35E-10
15112997	SAA1	serum amyloid A1	-4.63	1.07E-16
14946865	NMES1	normal mucosa of esophagus-specific gene 1 protein	-4.54	1.71E-12
15113003	SAA	serum amyloid A1	-4.39	2.59E-18
15108047	SAA1	serum amyloid A1	-4.34	2.59E-18
15077930	IL6	interleukin 6 (interferon, beta 2)	-4.08	1.77E-06
15071075	CXCL1	chemokine (C-X-C motif) ligand 1 (melanoma growth stimulatory	-4.05	1.30E-08
14967223	INOS	inducible nitric oxide synthase	-4.03	7.99E-09
15112999	SAA1	serum amyloid A1	-3.99	4.46E-16
15038136	LOC100056125	elafin-like	-3.91	5.57E-07
15011434	PTX3	pentraxin 3, long	-3.65	2.78E-10
15027736	CFB	complement factor B	-3.64	4.19E-06
15134370	---	---	-3.60	2.39E-16
15018127	SPLA2	secretory phospholipase A2	-3.46	6.33E-06
15109344	MMP8	matrix metalloproteinase 8 (neutrophil collagenase)	-3.45	0.0312683
15109378	LOC100069047	macrophage metalloelastase-like	-3.44	4.83E-06
14966729	LOC100071384	carbonic anhydrase 4-like	-3.37	1.25E-05
15081313	STEAP4	STEAP family member 4	-3.37	0.000368
15104093	BIRC3	baculoviral IAP repeat containing 3	-3.30	4.35E-07
15098538	IGFBP-5	insulin-like growth factor binding protein-5	-3.27	1.27E-06
14943027	ANK3	ankyrin 3, node of Ranvier (ankyrin G)	-3.08	3.25E-06
14986309	---	---	-3.00	4.06E-11
15071098	IL8	interleukin 8	-2.99	0.0004022
15090278	LOC100056429	corticosteroid 11-beta-dehydrogenase isozyme 1-like	-2.80	0.0005071
15128105	LOC100146482	ferritin heavy chain-like	-2.78	1.49E-09
15031542	LOC100054285	triggering receptor expressed on myeloid cells 1-like	-2.65	8.62E-06
15054932	ADAMTS5	ADAM metalloproteinase with thrombospondin type 1 motif, 5	-2.61	4.32E-10

15124168	ANGPT1	angiopoietin 1	-2.57	1.28E-05
15057122	NRG1	neuregulin 1	-2.55	5.86E-06
15088003	DPYD	dihydropyrimidine dehydrogenase	-2.54	6.02E-11
15076503	---	---	-2.44	0.0013377
14991995	IL1A	interleukin 1, alpha	-2.44	0.0029584
15075712	SOD2	superoxide dismutase 2, mitochondrial	-2.35	3.11E-13
15064176	LOC100630858	metallothionein-2-like	-2.34	0.0175002
15108234	LOC100057503	growth arrest-specific protein 2-like	-2.33	2.94E-09
15095888	A2ML1	alpha-2-macroglobulin-like 1	-2.27	8.51E-06
15076505	---	---	-2.18	3.39E-07
14973160	FTH1	ferritin, heavy polypeptide 1	-2.13	1.44E-11
14934217	UBE2D1	ubiquitin-conjugating enzyme E2D 1	-2.11	3.42E-11
14969771	---	---	-2.11	1.44E-11
14941712	ADRA2A	adrenoceptor alpha 2A	-2.10	4.68E-08
15042675	FTH1	ferritin, heavy polypeptide 1	-2.10	1.04E-13
14946755	FGF7	fibroblast growth factor 7	-2.09	0.0011028
15107741	AMPD3	adenosine monophosphate deaminase 3	-2.08	8.74E-07
15020907	LOC100072294	TNFAIP3-interacting protein 3-like	-2.07	7.52E-07
14934469	LOC100063248	serglycin-like	-2.05	0.0002062
14990082	LOC100070088	cytochrome P450 1B1-like	-2.03	2.30E-09
15056255	LOC100050240	low affinity cationic amino acid transporter 2-like	-2.01	9.70E-12
15064092	MMP2	matrix metalloproteinase 2 (gelatinase A, 72kDa gelatinase, 72	-2.00	1.41E-11
15098024	SLC16A7	solute carrier family 16, member 7 (monocarboxylic acid trans	-2.00	0.0019305
14948692	---	---	-2.00	9.47E-10
15022310	MFS2A	major facilitator superfamily domain containing 2A	-1.98	1.70E-08
15090286	LOC100056475	g0/G1 switch regulatory protein 2-like	-1.97	5.02E-05
14953386	TNFAIP3	tumor necrosis factor, alpha-induced protein 3	-1.97	3.91E-07
15100843	ABCC9	ATP-binding cassette, sub-family C (CFTR/MRP), member 9	-1.95	0.0009128
15092613	VCAM	vascular cell adhesion molecule	-1.94	0.0017497
15113767	LOC100629131	leukemia inhibitory factor-like	-1.93	0.0022346
14993281	EPAS1	endothelial PAS domain protein 1	-1.92	7.85E-06
15077811	ITGB8	integrin, beta 8	-1.92	0.0005134
15086640	LOC100056061	protein S100-A12-like	-1.87	0.0180899
15009044	ZEB2	zinc finger E-box binding homeobox 2	-1.80	2.21E-08
15022470	LOC100069173	ribonuclease ZC3H12A-like	-1.79	5.03E-07
15091633	ECM1	extracellular matrix protein 1	-1.79	8.86E-05
15112034	LOC100052723	folate receptor beta-like	-1.74	1.09E-08
14932983	GPAM	glycerol-3-phosphate acyltransferase, mitochondrial	-1.70	3.59E-08
15072191	---	---	-1.69	0.0008052
14963412	MYOCD	myocardin	-1.67	0.0003001
15031833	ENPP5	ectonucleotide pyrophosphatase/phosphodiesterase 5 (putat	-1.65	0.0003194
14974139	CPT1A	carnitine palmitoyltransferase 1A (liver)	-1.63	0.0001501
14952871	LOC100072561	---	-1.58	6.23E-05
15020229	LOC100061944	protein FAM198B-like	-1.57	0.0007887
15089829	GLUL	glutamate-ammonia ligase	-1.57	1.28E-05
15123017	ATP6V0D2	ATPase, H+ transporting, lysosomal 38kDa, V0 subunit d2	-1.57	0.0016741
15076507	---	---	-1.57	1.03E-05
15052916	PTGES	prostaglandin E synthase	-1.55	0.0001283
15063355	CACNB2	calcium channel, voltage-dependent, beta 2 subunit	-1.54	0.0247897
14970624	---	---	-1.53	0.0234346
15054158	BACE2	beta-site APP-cleaving enzyme 2	-1.52	2.97E-10
15014757	PARP14	poly (ADP-ribose) polymerase family, member 14	-1.50	2.42E-06
14973467	LOC100049811	uncharacterized LOC100049811	-1.49	6.23E-05
15001342	LOC100056080	f-box/LRR-repeat protein 2-like	-1.48	7.42E-06
15089848	LOC100051514	regulator of G-protein signaling 16-like	-1.47	0.0001763
15049336	PAPP-A	pregnancy-associated plasma protein-A	-1.47	0.0444066
15072160	SLIT2	slit homolog 2 (Drosophila)	-1.47	0.0074939
15093253	PTGFR	prostaglandin F receptor (FP)	-1.46	5.61E-05
15028286	LOC100064022	cyclin-dependent kinase inhibitor 1-like	-1.46	0.0020275
15114454	TBX3	T-box 3	-1.43	1.35E-06
15073262	LOC100070601	sushi domain-containing protein 4-like	-1.39	0.0006764
15024271	PIK3CD	phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic sub	-1.39	9.07E-06
15076510	LOC100056814	membrane-associated guanylate kinase, WW and PDZ domain	-1.39	5.61E-05
14957120	FYN	FYN oncogene related to SRC, FGR, YES	-1.39	1.70E-08

14988502	LOC100065031	interleukin-1 family member 9-like	-1.38	0.0005957
15129012	---	---	-1.37	9.69E-05
15012728	MYLK	myosin light chain kinase	-1.36	2.40E-06
15033181	LOC100051484	serine/threonine-protein kinase PLK2-like	-1.35	0.0285039
14990733	LOC100071618	quinone oxidoreductase PIG3-like	-1.34	0.0067628
15085297	LOC100054805	zinc transporter 1-like	-1.34	0.0001041
14967688	LOC100072377	large neutral amino acids transporter small subunit 4-like	-1.33	0.0028072
15018013	LOC100071727	endothelin-converting enzyme 1-like	-1.33	7.07E-05
15101954	SLC11A2	solute carrier family 11 (proton-coupled divalent metal ion tra	-1.32	0.0002471
15052048	LOC100056842	thymic stromal cotransporter homolog	-1.32	0.0005535
15076539	PION	pigeon homolog (Drosophila)	-1.32	0.0001092
14984309	SQSTM1	sequestosome 1	-1.32	5.13E-05
15046200	DIO3	deiodinase, iodothyronine, type III	-1.31	0.0118871
15077164	EGFR	epidermal growth factor receptor	-1.30	0.0007948
14933530	LOC100070443	mitoferrin-2-like	-1.30	2.97E-09
15022885	PTPRU	protein tyrosine phosphatase, receptor type, U	-1.29	1.56E-06
15081700	ETV1	ets variant 1	-1.29	0.0001848
15012507	TFRC	transferrin receptor (p90, CD71)	-1.28	7.85E-05
14981772	SLIT3	slit homolog 3 (Drosophila)	-1.28	0.0109633
15100663	LOC100063835	histone H4-like	-1.28	0.0315692
15035668	CARD6	caspase recruitment domain family, member 6	-1.27	4.29E-05
15020622	TBC1D9	TBC1 domain family, member 9 (with GRAM domain)	-1.27	0.0277236
15040901	---	---	-1.27	0.0312683
14995550	LOC100056410	calcium-dependent secretion activator 1-like	-1.27	0.0068312
14969086	LOC100073170	multidrug and toxin extrusion protein 1-like	-1.27	0.0009765
15100625	PLBD1	phospholipase B domain containing 1	-1.27	0.0068454
15129754	GRIA3	glutamate receptor, ionotropic, AMPA 3	-1.26	0.0427957
14980417	LOC100629909	vasorin-like	-1.26	4.15E-07
15035665	CARD6	---	-1.25	0.0001298
15001743	---	---	-1.25	4.79E-09
14962705	LOC100061442	c-X-C motif chemokine 16-like	-1.24	0.0074939
15129681	LONRF3	LON peptidase N-terminal domain and ring finger 3	-1.23	7.36E-05
15117714	MTMR3	myotubularin related protein 3	-1.22	6.98E-07
14948020	---	---	-1.22	0.0408621
15042730	DAPK1	death-associated protein kinase 1	-1.22	0.0010413
15116277	LOC100067480	molybdenum cofactor sulfurase-like	-1.21	0.0001835
15066585	LOC100051954	transmembrane protein 150C-like	-1.21	0.0114789
15019483	LOC100057232	zinc transporter ZIP14-like	-1.21	4.09E-06
14953356	PDE7B	phosphodiesterase 7B	-1.19	0.006515
15137402	---	---	-1.19	0.0280427
14998968	LOC100051258	peroxisome proliferator-activated receptor gamma-like	-1.18	0.000235
15092727	LOC100050774	palmdelphin-like	-1.18	0.005436
14966992	CCL2	chemokine (C-C motif) ligand 2	-1.18	0.0001643
15083882	MDM4	Mdm4 p53 binding protein homolog (mouse)	-1.18	0.0008585
15061876	---	---	-1.17	0.0351126
15054911	---	---	-1.16	0.0061391
15054120	KCNJ15	potassium inwardly-rectifying channel, subfamily J, member 1	-1.16	0.0002883
15035773	SLC1A3	solute carrier family 1 (glial high affinity glutamate transporte	-1.16	2.73E-06
14990261	---	---	-1.16	9.62E-05
15042486	NFIL3	nuclear factor, interleukin 3 regulated	-1.15	9.44E-07
15075002	---	---	-1.14	1.10E-07
15003404	ENOX1	ecto-NOX disulfide-thiol exchanger 1	-1.14	1.99E-05
15122523	MIR1204	microRNA mir-1204	-1.13	0.0448235
15043406	ERMP1	endoplasmic reticulum metalloproteinase 1	-1.13	0.0056132
15120723	ZADH2	zinc binding alcohol dehydrogenase domain containing 2	-1.13	5.50E-06
15080682	INHBA	inhibin, beta A	-1.12	0.0067897
15038464	---	---	-1.12	3.15E-05
15045643	SLC24A4	solute carrier family 24 (sodium/potassium/calcium exchange	-1.12	0.0262541
15011051	AOX1 // AOX1	aldehyde oxidase 1 // aldehyde oxidase 1	-1.12	0.006726
14957413	---	---	-1.12	0.0118262
15019764	PTK2B	PTK2B protein tyrosine kinase 2 beta	-1.12	0.0009577
15123873	LOC100055346	tumor protein p53-inducible nuclear protein 1-like	-1.11	0.0028258
15104618	SIDT2	SID1 transmembrane family, member 2	-1.10	2.38E-06
15060753	BPIL2	BPI fold containing family C	-1.10	0.0481257

15041841	SMARCA2	SWI/SNF related, matrix associated, actin dependent regulato	-1.09	1.92E-11
15109433	LOC100069303	caspase-4-like	-1.09	1.44E-06
15065841	FTH1	ferritin, heavy polypeptide 1	-1.09	1.61E-05
14942004	TRIM8	tripartite motif containing 8	-1.09	7.57E-06
15043894	LOC100068209	beta-1,4-galactosyltransferase 1-like	-1.09	0.006282
15009087	LOC100050088	rho-related GTP-binding protein RhoE-like	-1.09	0.0037601
15124426	SNTB1	syntrophin, beta 1 (dystrophin-associated protein A1, 59kDa,	-1.08	0.0143442
15136462	---	---	-1.08	0.0235276
15136488	---	---	-1.08	0.0235276
15136592	---	---	-1.08	0.0235276
15137066	---	---	-1.08	0.0235276
15137168	---	---	-1.08	0.0235276
15137708	---	---	-1.08	0.0235276
15137716	---	---	-1.08	0.0235276
14983399	LOC100064222	protein fem-1 homolog C-like	-1.08	0.0013204
15062032	MAP3K8	mitogen-activated protein kinase kinase kinase 8	-1.08	0.0044212
15004629	SLC46A3	solute carrier family 46, member 3	-1.08	0.022964
15077776	AHR	aryl hydrocarbon receptor	-1.07	0.0086917
15093117	CLCA2	chloride channel accessory 2	-1.07	0.0089197
15137472	---	---	-1.07	0.0272497
15024111	LOC100051052	type-1 angiotensin II receptor-associated protein-like	-1.07	0.0001128
14994399	---	---	-1.06	0.0034422
15125994	LOC100061108	aldehyde dehydrogenase family 1 member L1-like	-1.05	0.0324768
15103945	ANGPTL4	angiopoietin-like 4	-1.05	0.0095428
14945672	---	---	-1.05	0.0490535
15072189	MIR218	microRNA mir-218	-1.05	0.0388243
15004775	---	---	-1.05	0.0011675
15025199	CLCN3	chloride channel, voltage-sensitive 3	-1.04	0.0006828
15080189	---	---	-1.04	0.0114512
15085328	LOC100056564	laminin subunit beta-3-like	-1.03	0.0188945
15063666	PFKFB3	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3	-1.03	0.0071034
14988744	CAPG	capping protein (actin filament), gelsolin-like	-1.03	0.0010285
15122512	TRIB1	tribbles homolog 1 (Drosophila)	-1.03	0.003092
14949346	LOC100050415	sodium channel subunit beta-1-like	-1.02	0.0072994
15064171	LOC100630645	metallothionein-2-like	-1.02	0.0069866
15096340	RASSF8	Ras association (RalGDS/AF-6) domain family (N-terminal) mer	-1.02	3.11E-06
15044115	LOC100061893	sphingosine 1-phosphate receptor 3-like	-1.02	0.016364
15084893	LOC100051658	n-acetylneuraminate lyase-like	-1.02	0.0146903
14992709	ANTXR1	anthrax toxin receptor 1	-1.02	0.0001558
15124047	RRM2B	ribonucleotide reductase M2 B (TP53 inducible)	-1.01	0.0089131
15026631	---	---	-1.01	0.0319864
15038461	---	---	-1.00	0.0005275
14999300	ITPR1	inositol 1,4,5-trisphosphate receptor, type 1	-1.00	1.19E-05