

Table S1. The gene list of Venn diagrams from comparisons among different groups RNA-seq data

**log<sub>2</sub>FC ≥ 3 up**

Names	total	elements	gene name	GeneDescription	log2FC-WTT vs WTO	log2FC-HmO vs WTO	log2FC-HmT vs WTT	log2FC-HmT vs HmO
WTT vs WTO HmO vs WTO HmT vs WTT	1	1	ENSRORG00000015126	kbp7 FK506 binding protein 7 [Source:ZFIN;Acc.ZDB-GENE-030616-182]	3.801173182	3.202270782	3.073996615	3.673385009
WTT vs WTO HmO vs WTO HmT vs WTT	4	4	ENSRORG00000008272	zcf4h2 zinc finger C4H2-type containing [Source:NCBI gene:Acc:101167375]	4.670202689	3.001939255	2.030345612	3.69909394
WTT vs WTO HmO vs WTO HmT vs WTT	30	30	ENSRORG00000007203	spag6 sperm associated antigen 6 [Source:NCBI gene:Acc:101168253]	3.401705543	-0.612725443	3.952205055	7.967121187
WTT vs WTO HmO vs WTO HmT vs WTT	30	30	ENSRORG00000001873	dnaaf1 dynein, axonemal, assembly factor 1 [Source:ZFIN;Acc.ZDB-GENE-031114-4]	3.118367531	0.619486311	5.380838146	7.880205233
WTT vs WTO HmO vs WTO HmT vs WTT	30	30	ENSRORG000000013051	enkur enkurin, TRPC channel interacting protein [Source:NCBI gene:Acc:101169986]	5.147001118	-0.300681573	4.602585899	10.05075366
WTT vs WTO HmO vs WTO HmT vs WTT	30	30	ENSRORG00000015746	hormad1 HORMA domain containing 1 [Source:ZFIN;Acc.ZDB-GENE-040718-491]	5.361636592	2.275749753	3.641445334	6.727817892
WTT vs WTO HmO vs WTO HmT vs WTT	30	30	ENSRORG000000021628	mirna	3.94521362	2.620853084	3.227393539	4.552885377
WTT vs WTO HmO vs WTO HmT vs WTT	30	30	ENSRORG00000016947	kif17 kinesin family member 17 [Source:ZFIN;Acc.ZDB-GENE-080724-12]	3.062848579	0.805654694	3.03923322	5.29160389
WTT vs WTO HmO vs WTO HmT vs WTT	30	30	ENSRORG00000014547	anaaf4	17.24992933	11.53403533	4.719483148	10.43584441
WTT vs WTO HmO vs WTO HmT vs WTT	30	30	ENSRORG00000003037	TMEM184C (1)	3.005338236	0.703607745	3.113399769	5.416156663
WTT vs WTO HmO vs WTO HmT vs WTT	30	30	ENSRORG00000009617	lysa3 Oryzias latipes synaptosomal complex protein 3 (scp3), mRNA. [Source:RefSeq mRNA:Acc.NM_001104712]	3.490019201	2.077074777	5.051444209	6.464240648
WTT vs WTO HmO vs WTO HmT vs WTT	30	30	ENSRORG00000001938	armac3 armadillo repeat containing 3 [Source:ZFIN;Acc.ZDB-GENE-110614-11]	5.918481962	1.37406167	4.187000867	8.731904075
WTT vs WTO HmO vs WTO HmT vs WTT	30	30	ENSRORG00000005527	-	5.181814499	1.785199432	3.857019304	7.254121033
WTT vs WTO HmO vs WTO HmT vs WTT	30	30	ENSRORG00000008020	ahf8b8 abhydrolase domain containing 8b [Source:ZFIN;Acc.ZDB-GENE-130530-805]	4.64840339	0.320613244	4.243109818	8.571387196
WTT vs WTO HmO vs WTO HmT vs WTT	30	30	ENSRORG000000013075	-	5.356439968	1.725369874	4.034621771	7.666171712
WTT vs WTO HmO vs WTO HmT vs WTT	30	30	ENSRORG000000013475	fatp7a fatty acid-binding protein, brain [Source:NCBI gene:Acc:101157499]	3.384558086	2.317149192	3.747485373	4.815379449
WTT vs WTO HmO vs WTO HmT vs WTT	30	30	ENSRORG000000014719	-	16.55982607	10.53928485	3.390583379	9.411587133
WTT vs WTO HmO vs WTO HmT vs WTT	30	30	ENSRORG00000012933	-	3.028221324	0.178837866	3.774448009	6.627318723
WTT vs WTO HmO vs WTO HmT vs WTT	30	30	ENSRORG000000004819	MCMDC2 mitochondrial chromosome maintenance domain containing 2 [Source:NCBI gene:Acc:101171954]	4.038103443	0.802118521	3.974242655	7.210711371
WTT vs WTO HmO vs WTO HmT vs WTT	30	30	ENSRORG000000017955	-	15.69101174	11.16026853	4.837521021	9.368730495
WTT vs WTO HmO vs WTO HmT vs WTT	30	30	ENSRORG000000011728	rme3 NME/NUM2 nucleoside diphosphate kinase 3 [Source:NCBI gene:Acc:101158025]	5.750428695	1.769297233	3.987446076	7.969600099
WTT vs WTO HmO vs WTO HmT vs WTT	30	30	ENSRORG000000016898	rsp9 radial spoke head 9 homolog [Source:ZFIN;Acc.ZDB-GENE-031120-129]	4.045387346	1.670919497	5.686946682	6.961902014
WTT vs WTO HmO vs WTO HmT vs WTT	30	30	ENSRORG000000016753	cfap206 cilia and flagella associated protein 206 [Source:ZFIN;Acc.ZDB-GENE-050922-460]	4.142848029	1.090518303	4.0337407	7.086561898
WTT vs WTO HmO vs WTO HmT vs WTT	30	30	ENSRORG000000021492	RF00300 RNA component of mitochondrial RNA processing endonuclease [Source:HGNC Symbol:Acc:HGNC:10031]	4.70222248	3.411176536	3.743701416	5.052334551
WTT vs WTO HmO vs WTO HmT vs WTT	30	30	ENSRORG00000006147	lycp3l -	6.498837043	2.942645958	3.194605537	6.152181581
WTT vs WTO HmO vs WTO HmT vs WTT	30	30	ENSRORG00000006357	-	3.291119015	0.991893353	3.182698389	5.482408425
WTT vs WTO HmO vs WTO HmT vs WTT	30	30	ENSRORG00000001282	-	4.213771834	0.030128782	3.758515446	7.94401172
WTT vs WTO HmO vs WTO HmT vs WTT	30	30	ENSRORG00000009043	tek2 tekin 2 (testicular) [Source:ZFIN;Acc.ZDB-GENE-040113-1]	15.69916683	0	3.45752318	19.15718159
WTT vs WTO HmO vs WTO HmT vs WTT	30	30	ENSRORG000000013191	atp1a3b ATPase Na+/K+ transporting subunit alpha 3b [Source:ZFIN;Acc.ZDB-GENE-001212-8]	3.093073646	1.797872154	3.008363566	4.304050234
WTT vs WTO HmO vs WTO HmT vs WTT	30	30	ENSRORG000000012392	-	3.895912308	-0.028241434	3.746739058	7.67137194
WTT vs WTO HmO vs WTO HmT vs WTT	30	30	ENSRORG000000009736	si.ch211-10a23.2 si.ch211-10a23.2 [Source:ZFIN;Acc.ZDB-GENE-090313-9]	3.146303838	-1.252440945	5.05924959	4.98551284
WTT vs WTO HmO vs WTO HmT vs WTT	30	30	ENSRORG000000013668	-	3.414812292	-0.940824723	4.899652536	9.255774646
HmO vs WTO HmT vs WTT	6	6	ENSRORG000000011773	g2rx1 purinergic receptor P2X, ligand-gated ion channel, 1 [Source:ZFIN;Acc.ZDB-GENE-030319-1]	3.10262546	3.797133995	4.908527298	4.21450558
HmO vs WTO HmT vs WTT	6	6	ENSRORG00000006520	lycp1 synaptosomal complex protein 1 [Source:ZFIN;Acc.ZDB-GENE-040110-8]	-3.48940562	4.308072185	11.9257876	4.127856045
HmO vs WTO HmT vs WTT	6	6	ENSRORG00000007440	chmp6a charged multivesicular body protein 6a [Source:ZFIN;Acc.ZDB-GENE-100812-5]	-5.257084553	3.537651066	11.82570973	3.037743296
HmO vs WTO HmT vs WTT	6	6	ENSRORG00000007240	sema7a semaphorin 7A [Source:ZFIN;Acc.ZDB-GENE-030131-3633]	1.177530426	3.116252059	5.514952305	5.576714422
HmO vs WTO HmT vs WTT	6	6	ENSRORG000000010797	-	2.322935831	3.288275621	5.428895759	4.464040894
HmO vs WTO HmT vs WTT	6	6	ENSRORG00000001409	-	-0.793799823	4.039038248	8.427469203	3.595114735
HmO vs WTO HmT vs WTT	6	6	ENSRORG000000092323	-	4.580801179	3.081195483	-1.46654064	-0.446548911
HmO vs WTO HmT vs WTT	6	6	ENSRORG000000045818	-	5.158711987	4.673083955	5.975702477	1.881684417
HmO vs WTO HmT vs WTT	6	6	ENSRORG00000008275	gls2b GLS family zinc finger 2b [Source:ZFIN;Acc.ZDB-GENE-091204-120]	4.554374498	3.40222678	-1.955998538	-0.803556714
HmO vs WTO HmT vs WTT	6	6	ENSRORG00000007164	cdm15a cdm15 [Source:NCBI gene:Acc:101168324]	3.867797188	3.030980252	-4.277702634	-3.390375485
HmO vs WTO HmT vs WTT	6	6	ENSRORG00000016486	nrs1a nuclear receptor subfamily 5 group A member 1 [Source:NCBI gene:Acc:100045260]	5.535095217	-0.793208992	1.632754445	1.632754445
HmO vs WTO HmT vs WTT	6	6	ENSRORG000000016145	tmem45a transmembrane protein 45A [Source:NCBI gene:Acc:101171597]	6.109702883	3.430436209	-1.751838184	0.928003373
HmO vs WTO HmT vs WTT	6	6	ENSRORG00000009249	-	4.765464582	3.081077362	-1.792262926	-0.10739668
HmO vs WTO HmT vs WTT	6	6	ENSRORG000000050438	zpc194189 zpc194189 [Source:ZFIN;Acc.ZDB-GENE-081022-71]	3.430019852	3.115729604	0.94056127	1.253421511
HmO vs WTO HmT vs WTT	6	6	ENSRORG000000061008	cxorf5a CXorf5 protein 5a [Source:ZFIN;Acc.ZDB-GENE-030131-3178]	3.366420691	3.170021278	-0.976654125	-0.779769456
HmO vs WTO HmT vs WTT	6	6	ENSRORG00000007008	csp1b cystine and glycine-rich protein 1b [Source:ZFIN;Acc.ZDB-GENE-070112-252]	4.580562905	3.037426078	-0.226355733	1.319662117

**log<sub>2</sub>FC ≤ -3 down**

Names	total	elements	gene name	GeneDescription	log2FC-WTT vs WTO	log2FC-HmO vs WTO	log2FC-HmT vs WTT	log2FC-HmT vs HmO
WTT vs WTO HmO vs WTO	16	16	ENSRORG00000014606	NTRK3 neurotrophic receptor tyrosine kinase 3 [Source:HGNC Symbol:Acc:HGNC:8033]	-3.37668132	-3.216840924	0.300574514	0.146019859
WTT vs WTO HmO vs WTO	16	16	ENSRORG00000016104	-	-7.128524338	-16.00404113	-8.875534552	0
WTT vs WTO HmO vs WTO	16	16	ENSRORG000000000570	TNNI2 (1) tropomyosin 1, fast skeletal muscle [Source:NCBI gene:Acc:101156490]	-3.91062419	-5.324663484	-2.621071894	-0.486985441
WTT vs WTO HmO vs WTO	16	16	ENSRORG00000001935	sytr3 synaptotagmin III [Source:ZFIN;Acc.ZDB-GENE-090601-1]	-3.604557606	-7.158526943	-1.201389837	2.350635276
WTT vs WTO HmO vs WTO	16	16	ENSRORG000000013345	plp4p phospholipid phosphatase 4 [Source:ZFIN;Acc.ZDB-GENE-081107-53]	-5.775132987	-3.42178265	1.292340684	-1.060524492
WTT vs WTO HmO vs WTO	16	16	ENSRORG000000012562	-	-15.6313135	-3.586601224	12.45774253	0.413518865
WTT vs WTO HmO vs WTO	16	16	ENSRORG000000013180	hcn4 hyperpolarization activated cyclic nucleotide-gated potassium channel 4 [Source:ZFIN;Acc.ZDB-GENE-050206-38]	-5.520600743	-3.609917053	2.25459279	0.344393394
WTT vs WTO HmO vs WTO	16	16	ENSRORG00000008586	-	6.153054236	7.094404599	-0.985420187	0.043584266
WTT vs WTO HmO vs WTO	16	16	ENSRORG00000005962	trh1a tryptophan hydroxylase 1 (tryptophan 5-monoxygenase) [Source:ZFIN;Acc.ZDB-GENE-030317-11]	-5.318721649	-5.266341765	-1.00095381	-1.052848972
WTT vs WTO HmO vs WTO	16	16	ENSRORG000000011011	sidcyt-3d dispatched RND transporter family member 3 [Source:HGNC Symbol:Acc:HGNC:29251]	-3.030521536	7.158455428	-0.001544219	4.126900489
WTT vs WTO HmO vs WTO	16	16	ENSRORG000000018234	-	-7.32900942	-4.20353068	-8.875534552	12.70009473
WTT vs WTO HmO vs WTO	16	16	ENSRORG00000003268	cadm2b cell adhesion molecule 2b [Source:ZFIN;Acc.ZDB-GENE-080506-3]	-4.476828973	-7.123990594	-1.041316215	1.606329409
WTT vs WTO HmO vs WTO	16	16	ENSRORG00000004627	-	-4.978265703	-5.87256815	1.203839551	2.09862149
WTT vs WTO HmO vs WTO	16	16	ENSRORG000000012851	-	-4.529760306	-3.512269645	-6.892096645	-2.706210517
WTT vs WTO HmO vs WTO	16	16	ENSRORG00000004712	gf2b23 cartilage intermediate layer protein 2 [Source:NCBI gene:Acc:101160704]	-17.8933825	-3.412911291	12.79861028	-1.681470732
WTT vs WTO HmO vs WTO	16	16	ENSRORG000000006007	sou5 insulin like growth factor 2 mRNA binding protein 3 [Source:NCBI gene:Acc:101156590]	-3.34732611	-0.139165108	-0.584014591	-3.791717068
WTT vs WTO HmO vs WTO	16	16	ENSRORG000000050780	sou5f home-binding protein sou5f [Source:ZFIN;Acc.ZDB-GENE-110718-2]	-4.101978636	3.324966349	2.239382023	-5.187087109
WTT vs WTO HmO vs WTO	16	16	ENSRORG000000014006	-	-6.035524557	-0.422907397	-3.775135553	-9.387269669
WTT vs WTO HmO vs WTO	16	16	ENSRORG00000004261	-	-9.959317565	-0.596678364	-0.240205179	-9.602300028
WTT vs WTO HmO vs WTO	16	16	ENSRORG000000014984	nol12 nucleolar protein 12 [Source:ZFIN;Acc.ZDB-GENE-040426-135]	-5.758764739	-0.85705846	0.016121256	-4.885119024
WTT vs WTO HmO vs WTO	16	16	ENSRORG000000011808	acs15 acyl-CoA synthetase long chain family member 5 [Source:ZFIN;Acc.ZDB-GENE-040912-168]	-6.60350302	2.384954716	4.305279512	-3.682691849
WTT vs WTO HmO vs WTO	16	16	ENSRORG00000000414	-	-10.33132004	-0.263845399	1.088052005	8.979547119
WTT vs WTO HmO vs WTO	16	16	ENSRORG000000009014	-	-10.76704875	-0.779749921	-5.892513149	-9.447560723
WTT vs WTO HmO vs WTO	16	16	ENSRORG000000012623	serpina7 serine protease inhibitor A3N [Source:NCBI gene:Acc:101156256]	-9.87030655	0.088659927	-1.80016748	-11.84132946
WTT vs WTO HmO vs WTO	16	16	ENSRORG000000012026	-	-9.594825302	-1.340873331	0.687474671	-7.555991713
WTT vs WTO HmO vs WTO	16	16	ENSRORG000000002190	hsd3b7 3 beta-hydroxysteroid dehydrogenase type 7 [Source:NCBI gene:Acc:101172816]	-3.904746749	0.703167331	0.006757968	-4.600670936

	ENSORLG00000006626	colgalt1	collagen beta1-O-galactosyltransferase 1 [Source:ZFIN,Acc.ZDB:GENE-010720-6]	3.745018625	3.262852646	0.663240725	1.145892766	
	ENSORLG000000013447	serpinf1	serpin family F member 1 [Source:NCBI gene:Acc:101160187]	4.912306731	3.796536828	-1.18090841	-0.064653555	
	ENSORLG000000014624	angptl1a	angiopoietin-like 1a [Source:ZFIN,Acc.ZDB:GENE-040724-269]	3.560295457	3.024937164	-0.85092516	-0.315078264	
	ENSORLG000000017193	ddr2l	discoidin domain receptor family, member 2, like [Source:ZFIN,Acc.ZDB:GENE-041210-162]	4.344688418	3.054914442	-1.139688763	0.150770164	
	ENSORLG000000012932	igfb9b	immunoglobulin superfamily, member 9b [Source:ZFIN,Acc.ZDB:GENE-060810-28]	6.382557233	3.989783341	-0.410483294	1.982774881	
	ENSORLG00000017301	unm_sas2t1	terastatinin-4 [Source:NCBI gene:Acc:101157219]	4.309331461	3.448627947	-1.214688269	-0.354879143	
	ENSORLG00000013074	unm_sas2t1	un-named sas2 [Source:ZFIN,Acc.ZDB:GENE-120727-16]	3.9631043	3.809150471	-0.147461252	0.006980044	
	ENSORLG00000006002	mpeg1.2	macrophage expressed 1, tandem duplicate 2 [Source:ZFIN,Acc.ZDB:GENE-050522-305]	4.452615538	4.141305187	-0.356965889	-0.045173012	
	ENSORLG00000004846	dnase2b	deoxyribonuclease II beta [Source:ZFIN,Acc.ZDB:GENE-090824-2]	3.675401599	3.133134863	-0.488262893	0.054488891	
	ENSORLG00000006278	s100a1	S100 calcium binding protein A1 [Source:NCBI gene:Acc:101155142]	4.19254494	4.174137923	-0.10941416	-0.090521211	
	ENSORLG00000006460	s100a1	S100 calcium binding protein A1 [Source:NCBI gene:Acc:101155142]	3.824918491	3.231216824	-0.86569191	-0.26240545	
	ENSORLG00000007058	anxa6	annexin A6 [Source:NCBI gene:Acc:101156586]	4.105175152	3.703422815	0.044587711	0.44682556	
	ENSORLG00000005565	bmpr1ba	bone morphogenetic protein receptor type 1B [Source:NCBI gene:Acc:101171086]	3.90067193	3.637971359	1.175588209	1.438773478	
	ENSORLG00000008324	zgc:172352	nck-associated protein 1-like [Source:NCBI gene:Acc:101159814]	3.223283729	3.204631127	0.953575787	0.972707489	
	ENSORLG00000005002	ackr4b	atypical chemokine receptor 4b [Source:ZFIN,Acc.ZDB:GENE-051107-10]	3.712113041	3.218810188	0.052097993	0.545886094	
	ENSORLG000000010254	ackr4b	atypical chemokine receptor 4b [Source:ZFIN,Acc.ZDB:GENE-051107-10]	3.004530137	3.144574051	-0.565896916	-0.705454963	
	ENSORLG00000002043	ackr4b	atypical chemokine receptor 4b [Source:ZFIN,Acc.ZDB:GENE-051107-10]	4.285884495	3.031618328	-1.170240815	0.084510185	
	ENSORLG00000011703	ackr4b	atypical chemokine receptor 4b [Source:ZFIN,Acc.ZDB:GENE-051107-10]	3.748706433	3.151768938	-0.116279398	-0.420892999	
	ENSORLG000000015490	kctd4	potassium channel tetramerization domain containing 4 [Source:NCBI gene:Acc:101184501]	5.500289208	6.118063842	2.456587776	1.89301238	
	ENSORLG000000013481	erfs1	immediate early response 5-like [Source:ZFIN,Acc.ZDB:GENE-020311-5134]	5.599917505	3.455299644	-0.163210056	1.98191522	
	ENSORLG00000002270	si:skey-178a1.7	si:skey-178a1.7 [Source:ZFIN,Acc.ZDB:GENE-081104-335]	5.001963571	3.065833103	-1.300395401	0.636219833	
	ENSORLG00000002674	zfn	zinc finger protein [Source:ZFIN,Acc.ZDB:GENE-040912-110]	5.569741954	4.557056000	0.108013835	1.121192114	
	ENSORLG00000004473	zfn	zinc finger protein [Source:ZFIN,Acc.ZDB:GENE-040912-110]	4.929396939	3.290174931	0.181753387	1.881442427	
	ENSORLG000000016844	zfn	zinc finger protein [Source:ZFIN,Acc.ZDB:GENE-040912-110]	5.589262363	3.26963712	-0.35440736	1.91601478	
	ENSORLG000000020228	zfn	zinc finger protein [Source:ZFIN,Acc.ZDB:GENE-040912-110]	4.362784547	3.800078539	-0.930139638	-0.366946933	
	ENSORLG00000002228	zfn	zinc finger protein [Source:ZFIN,Acc.ZDB:GENE-040912-110]	7.46092527	5.008896361	-1.13424868	1.31838687	
	ENSORLG00000003041	zfn	zinc finger protein [Source:ZFIN,Acc.ZDB:GENE-040912-110]	4.485563887	4.33654841	-0.140310077	1.00244542	
	ENSORLG00000002668	zfn	zinc finger protein [Source:ZFIN,Acc.ZDB:GENE-040912-110]	5.572424885	3.03447117	4.93587058	-2.397436318	
	ENSORLG000000015826	zfn	zinc finger protein [Source:ZFIN,Acc.ZDB:GENE-040912-110]	6.505387739	4.201659903	-1.409248361	0.894962352	
	ENSORLG00000002139	zfn	zinc finger protein [Source:ZFIN,Acc.ZDB:GENE-040912-110]	4.225939665	3.328211321	-0.916178276	-0.017966824	
	ENSORLG000000013415	zfn	zinc finger protein [Source:ZFIN,Acc.ZDB:GENE-040912-110]	5.991976986	4.615823048	-0.897384126	0.489274302	
	ENSORLG000000009908	zfn	zinc finger protein [Source:ZFIN,Acc.ZDB:GENE-040912-110]	4.633354668	4.901017706	0.501445668	0.234267601	
	ENSORLG000000010534	zfn	zinc finger protein [Source:ZFIN,Acc.ZDB:GENE-040912-110]	3.232291343	3.082946568	0.04948792	0.199779177	
	ENSORLG000000009808	zfn	zinc finger protein [Source:ZFIN,Acc.ZDB:GENE-040912-110]	3.192811449	3.728882423	1.046918681	0.511533985	
	ENSORLG000000005483	zfn	zinc finger protein [Source:ZFIN,Acc.ZDB:GENE-040912-110]	3.378600906	3.131218331	1.074791733	0.122659586	
	ENSORLG000000009095	zfn	zinc finger protein [Source:ZFIN,Acc.ZDB:GENE-040912-110]	3.163302576	3.24047036	1.085841148	1.009157924	
	ENSORLG000000005483	zfn	zinc finger protein [Source:ZFIN,Acc.ZDB:GENE-040912-110]	4.076351308	3.328662898	-0.157003943	0.529395781	
	ENSORLG000000017221	zfn	zinc finger protein [Source:ZFIN,Acc.ZDB:GENE-040912-110]	5.59426031	4.162842097	-0.318620997	0.89445799	
	ENSORLG000000016332	zfn	zinc finger protein [Source:ZFIN,Acc.ZDB:GENE-040912-110]	4.487087377	3.53292322	0.478041659	1.412317982	
	ENSORLG00000002432	zfn	zinc finger protein [Source:ZFIN,Acc.ZDB:GENE-040912-110]	3.78589422	3.995471535	-0.072409573	-0.308806791	
	ENSORLG00000002102	zfn	zinc finger protein [Source:ZFIN,Acc.ZDB:GENE-040912-110]	6.233755506	6.470037049	-0.233378454	-0.469183417	
	ENSORLG000000013987	zfn	zinc finger protein [Source:ZFIN,Acc.ZDB:GENE-040912-110]	3.071497261	4.323353518	0.59760249	-0.653789662	
	ENSORLG000000003310	zfn	zinc finger protein [Source:ZFIN,Acc.ZDB:GENE-040912-110]	7.728486009	3.826130661	-1.815920941	2.069919601	
WTT VS WTO HMT VS HMTc	382	ENSORLG00000002103	ch1	cofilin 1 [Source:NCBI gene:Acc:101173715]	4.195638742	0.934616169	0.750348152	4.011855596
		ENSORLG000000002035	czncd3	cyclin D3 [Source:ZFIN,Acc.ZDB:GENE-041010-110]	3.290076829	1.156680513	1.289776812	3.423657784
		ENSORLG000000015810	hh24a	hitch-hike family member 24 [Source:NCBI gene:Acc:101156920]	4.822878581	1.665182985	0.333252751	3.491433659
		ENSORLG00000007494	slc7a8a	solute carrier family 7 (amino acid transporter light chain 1, system), member 8a [Source:ZFIN,Acc.ZDB:GENE-121120-2]	4.656047	1.243791271	-0.219053697	3.193687702
		ENSORLG000000006837	unc	uncharacterized LOC101172640 [Source:NCBI gene:Acc:101172640]	5.731809044	0.14318744	-1.315140363	4.275279989
		ENSORLG00000004516	DYNN1C1	dynein cytoplasmic 1 intermediate chain 1 [Source:HGNC Symbol:Acc:HGNC:2963]	5.416735371	0.994368264	0.215755223	4.638699112
		ENSORLG00000005707	prelid3a	PREL1 domain containing 3A [Source:ZFIN,Acc.ZDB:GENE-120530-654]	4.758728156	1.821237526	0.951363418	3.889338418
		ENSORLG000000014593	anpepb	alanyl (membrane) aminopeptidase b [Source:ZFIN,Acc.ZDB:GENE-030131-1253]	4.805610066	-4.168722323	-5.58233721	3.392538533
		ENSORLG00000012691	xgd	neuroglobin [Source:NCBI gene:Acc:101172860]	4.745511711	1.56607348	0.3388008	3.327191163
		ENSORLG000000017054	nko3.3	NKX homeobox 3 [Source:ZFIN,Acc.ZDB:GENE-050306-27]	4.99533571	2.417644998	0.919002046	3.491713827
		ENSORLG000000007716	zpc:32162	zpc:32162 [Source:ZFIN,Acc.ZDB:GENE-040718-41]	7.801880415	3.709953765	1.215188895	5.300937369
		ENSORLG000000013055	cry1	crystallin lambda 1 [Source:NCBI gene:Acc:101157739]	17.03811554	1.621517901	5.268287165	7.006292357
		ENSORLG000000012384	inp4aa	inositol polyphosphate 4-phosphatase type 1Aa [Source:ZFIN,Acc.ZDB:GENE-060312-5]	3.09753812	1.90359093	2.200716254	3.395148652
		ENSORLG000000014023	rtv1	DELTA-8000000-Hor4a [Source:NCBI gene:Acc:101155232]	4.294789863	0.306711782	0.510113714	4.498675752
		ENSORLG000000016618	rab15	RAB15, member RAS oncogene family [Source:NCBI gene:Acc:101160374]	5.543341965	-0.540047394	-2.487810539	3.596064188
		ENSORLG000000008629	KNDC1	kinase non-catalytic C-lobe domain containing 1 [Source:HGNC Symbol:Acc:HGNC:29374]	4.539148576	0.554958555	-0.486351559	3.496327279
		ENSORLG000000011524	slan1a	SLAN motif family, member 1A [Source:ZFIN,Acc.ZDB:GENE-030131-1751]	3.46962808	0.178627175	1.671580096	4.963070207
		ENSORLG000000011173	RF0067	small nucleolar RNA SNORD15 [Source:NCBI gene:Acc:11948542]	3.464233771	1.23059428	1.189676058	3.423801719
		ENSORLG000000011105	RF0067	small nucleolar RNA SNORD15 [Source:NCBI gene:Acc:11948542]	6.199684052	-0.357304146	-2.184601511	4.372869242
		ENSORLG000000011524	RF0067	small nucleolar RNA SNORD15 [Source:NCBI gene:Acc:11948542]	3.771821928	-0.79904027	-0.351779784	4.21956955
		ENSORLG000000011173	RF0067	small nucleolar RNA SNORD15 [Source:NCBI gene:Acc:11948542]	6.315783827	2.03824576	-1.028010287	3.253006553
		ENSORLG000000011105	RF0067	small nucleolar RNA SNORD15 [Source:NCBI gene:Acc:11948542]	4.98024221	1.145527335	3.25201269	3.25201269

	ENSORLG000000013640	-	uncharacterized LOC101174542 [Source:NCBI gene:Acc:101174542]	-	-	-21.58527381	0.844040035	0	-27.42568084
	ENSORLG000000009100	-	cell death-inducing c53-target protein 1 [Source:NCBI gene:Acc:101167680]	-	-	-8.239827409	0.99610957	4.458462335	-4.776988707
	ENSORLG000000000170	-	-	-	-	-4.14048938	0.345512436	-0.157896243	-4.643413638
	ENSORLG000000016838	-	-	-	-	-3.897887637	-0.621853955	-0.467765405	-3.743314335
	ENSORLG000000015343	slc7a6	solute carrier family 7 (amino acid transporter light chain, lysyl system), member 6 [Source:ZFIN,Acc.ZDB:GENE-000607-211]	-	-	-7.976256403	-0.735475826	-0.0665339	-7.30694927
	ENSORLG000000016451	-	-	-	-	-19.9570283	1.07547097	17.8696788	3.162905102
	ENSORLG000000015704	-	-	-	-	-18.04123926	-0.227411347	13.87664246	-3.934684136
	ENSORLG000000011390	-	-	-	-	-5.326446655	-0.04366923	1.306865226	-3.975451802
	ENSORLG000000012996	sidkcypl-1b	si:skyp-17h1.4 [Source:ZFIN,Acc.ZDB:GENE-050208-18]	-	-	-5.116109227	0.150826531	-0.963226758	-6.279228274
	ENSORLG000000000479	-	-	-	-	-3.674165341	-0.636473602	-2.295757238	-5.333964076
	ENSORLG000000010924	gtf2a1	general transcription factor IIA, 1-like [Source:ZFIN,Acc.ZDB:GENE-060329-28]	-	-	-0.405258778	-1.00748365	-0.178606576	-3.755533956
	ENSORLG000000009822	gpc3	glypican 3 [Source:ZFIN,Acc.ZDB:GENE-031212-11]	-	-	-3.182619467	-0.296363514	-0.793020037	-3.678791
	ENSORLG000000013664	fnsl1a	fnsl1a [Source:ZFIN,Acc.ZDB:GENE-031009-1]	-	-	-3.580779276	-0.295431017	-1.635279331	-4.930142631
	ENSORLG000000005824	gnrh3	Gonadotropin-releasing hormone 3, mRNA [Source:RefSeq mRNA:Acc:NM_001104672]	-	-	-16.42658686	3.298120449	10.25296104	-9.471256466
	ENSORLG000000006614	-	-	-	-	-10.73578175	-0.39239789	2.157105336	-8.18579271
	ENSORLG000000008830	-	-	-	-	-10.33278894	0.455950359	-0.170718952	-10.95887253
	ENSORLG000000013324	-	-	-	-	-9.91431089	-0.549933217	-0.444552117	-9.088453389
	ENSORLG00000000290	perilom-2	perilom-2 [Source:NCBI gene:Acc:101167661]	-	-	-6.50391388	0.207553616	1.064905647	-5.6926777
	ENSORLG000000017272	oclnb	occludin b [Source:ZFIN,Acc.ZDB:GENE-041212-43]	-	-	-7.035408923	-0.503678923	1.81226858	-4.719515466
	ENSORLG000000006269	YBX2	Y-box binding protein 2 [Source:NCBI gene:Acc:100049372]	-	-	-4.198005851	-0.136937094	-0.680888234	-4.741472072

ENSORLG00000009257	rlx2	regulatory factor X 2 (influences HLA class II expression) [Source:ZFIN,Acc:ZDB-GENE-050277-4]	3.413115127	0.657091616	2.150464135	4.906971602
ENSORLG00000002935	-	claudin 4, like [Source:NCBI, gene:Acc:101162388]	4.860714048	-2.111181268	-2.120617441	4.851761887
ENSORLG000000004184	nbeal1	neurobeachin-like 1 [Source:ZFIN,Acc:ZDB-GENE-130530_544]	4.472222336	1.080626743	0.064442123	3.456524731
ENSORLG000000003743	pth1hb	parathyroid hormone-like hormone b [Source:ZFIN,Acc:ZDB-GENE-110411_206]	5.970411747	-9.668967195	-0.486825584	16.121714
ENSORLG000000002595	-	-	4.364194358	0.470667191	0.49102291	4.38032009
ENSORLG000000012288	dhd23a	claudin 23a [Source:ZFIN,Acc:ZDB-GENE-091204_28]	5.278625279	-1.176318065	-2.543297484	4.360312936
ENSORLG000000001003	smc1b	structural maintenance of chromosomes 1B [Source:ZFIN,Acc:ZDB-GENE-091217-1]	6.006449491	1.848646829	2.439562651	6.597851998
ENSORLG000000004857	-	-	4.458064813	2.45091418	1.760995654	3.768453013
ENSORLG00000004422	col18a1a	collagen type XVIII alpha 1 chain a [Source:ZFIN,Acc:ZDB-GENE-030516-3]	4.729891899	0.531094044	-0.354219699	3.845063788
ENSORLG00000006033	gpcpds	glyoxaldehyde 3- phosphate dehydrogenase 2 [Source:NCBI, gene:Acc:101167730]	4.106804945	1.449390978	0.515220027	3.173118836
ENSORLG000000001644	pp1a3	protein tyrosine phosphatase, receptor type, f polypeptide (PTFR), interacting protein (ripin), alpha 3 [Source:ZFIN,Acc:ZDB-GENE-100311-3]	4.572778421	1.38739045	0.505213355	3.694683843
ENSORLG000000007074	ank54b	ankyrin repeat and sterile alpha motif domain containing 4B [Source:ZFIN,Acc:ZDB-GENE-040704-29]	3.895238948	-0.068839162	-0.084096358	3.880466358
ENSORLG000000005618	-	-	3.99660976	1.084004156	1.207444008	4.120607094
ENSORLG000000013495	-	-	4.789529209	0.596273652	3.057049832	-
ENSORLG000000000227	-	keratin, type I cytoskeletal 20 [Source:NCBI, gene:Acc:101159508]	4.654698718	-1.637043786	-2.931008442	3.361218806
ENSORLG000000011785	-	-	5.25450014	1.496436242	1.696369223	4.54492479
ENSORLG000000017479	patp4c	pcy(A) binding protein, cytoplasmic 4 (inducible form) [Source:ZFIN,Acc:ZDB-GENE-030131_8663]	6.161232848	1.628489243	-1.4894979	3.043728774
ENSORLG000000011554	spns3	spinstar homolog 3 (Drosophila) [Source:ZFIN,Acc:ZDB-GENE-060531-7]	5.195054197	1.336677772	-0.504045406	3.35265602
ENSORLG000000000954	-	-	3.80531754	1.180178352	0.75543538	3.68610124
ENSORLG000000014773	dnm13ba	DNA (cytosine-5)-methyltransferase 3 beta, duplicate a [Source:ZFIN,Acc:ZDB-GENE-050314-4]	4.84038215	1.619332824	0.467512866	3.689046549
ENSORLG000000009260	rrm1	ribonucleoside-diphosphate reductase large subunit [Source:NCBI, gene:Acc:101156188]	4.257526199	1.821643175	1.525784142	3.962152122
ENSORLG000000015259	tcf3	Oryzias latipes transcription factor 3 (tcf3), mRNA [Source:RefSeq mRNA,Acc:NM_00252422]	4.978695142	2.348394123	0.520751792	3.151025352
ENSORLG000000006596	sidkey-38p12	sidkey-38p12 3 [Source:ZFIN,Acc:ZDB-GENE-060810-103]	6.465020091	1.860745953	-0.819526958	5.368232652
ENSORLG000000009373	chr3l2	chordin-like 2 [Source:ZFIN,Acc:ZDB-GENE-081104-3]	4.01995699	0.527074076	1.434509765	4.927963822
ENSORLG000000042768	-	-	3.985114875	0.430285713	0.301293151	-
ENSORLG000000014651	-	-	3.865325724	-0.737911132	0.084438975	6.688186741
ENSORLG000000004300	LURAP1L	leucine rich adaptor protein 1 like [Source:HGNC Symbol,Acc:HGNC:31452]	3.195543954	0.20630291	0.337766894	3.327493142
ENSORLG000000013618	-	-	6.003891432	1.689913423	0.465251342	4.777007788
ENSORLG000000015534	-	-	6.055150387	1.710186558	0.272780774	4.622899499
ENSORLG000000011981	-	-	6.234856338	1.441300909	0.123020267	4.917058777
ENSORLG000000016083	abc12	ATP-binding cassette, sub-family A (ABC), member 12 [Source:ZFIN,Acc:ZDB-GENE-030131_4790]	5.272594071	1.937706211	0.530419601	3.86579514
ENSORLG000000016252	afp4	type-4 iso-structuring protein LS-12 [Source:NCBI, gene:Acc:101172251]	5.321170818	1.834770229	1.376936375	4.862825173
ENSORLG0000000010108	kif5c	kinesin family member 5C [Source:HGNC Symbol,Acc:HGNC:6375]	3.379584899	0.14128051	0.17185624	3.417098361
ENSORLG000000017131	-	-	4.984957988	12.75922451	2.698410975	10.441101138
ENSORLG000000011459	dhdn11a	claudin-11 [Source:NCBI, gene:Acc:101166173]	3.912529861	1.175059321	0.335253343	3.078992007
ENSORLG000000003766	dnah2	dynin, axonemal, heavy chain 2 [Source:ZFIN,Acc:ZDB-GENE-130530-910]	3.990244664	1.461317781	2.272335461	4.801474523
ENSORLG000000009335	nanos2	nanos homolog 2 [Source:ZFIN,Acc:ZDB-GENE-130321-1]	17.00129075	0	0.312310676	17.31409293
ENSORLG000000001876	pdp4a2	Phosphoglycerate serine phosphotransferase domain containing 4A [Source:ZFIN,Acc:ZDB-GENE-091204-26]	6.005890012	1.109936805	-0.5802617	4.316178333
ENSORLG000000007157	d2ch	claudin 4, like [Source:NCBI, gene:Acc:101165395]	6.695829758	-0.442398643	-2.938312619	4.199890978
ENSORLG000000014794	fbp10a	fatty acid-binding protein, liver [Source:NCBI, gene:Acc:101155411]	4.095694224	-1.852225138	-1.054545559	4.42499477
ENSORLG000000077598	sch73-262b2	uncharacterized LOC101162703 [Source:NCBI, gene:Acc:101162703]	5.353462884	0.253138558	-0.125834578	4.974976042
ENSORLG000000001689	sch73-262b3	sch73-262b3 4 [Source:ZFIN,Acc:ZDB-GENE-081031-8]	3.553542058	1.205393302	0.944548263	3.294182985
ENSORLG000000007246	SKIDA1	SKD/DACH domain containing 1 [Source:HGNC Symbol,Acc:HGNC:32697]	6.009598884	2.412124098	-0.01078189	3.58725632
ENSORLG000000012041	KCNQ4	potassium voltage-gated channel subfamily Q member 4 [Source:HGNC Symbol,Acc:HGNC:6482]	4.548630459	0.333640857	0.17085754	3.86633313
ENSORLG000000011141	LAMA2	laminin subunit alpha 2 [Source:HGNC Symbol,Acc:HGNC:6482]	3.542399876	0.303039234	-0.193904583	3.045941888
ENSORLG000000002471	-	-	3.674231604	1.171406719	0.975843412	3.479153436
ENSORLG000000006978	scube2	signal peptide, CUB domain, EGF-like 2 [Source:ZFIN,Acc:ZDB-GENE-050302_80]	3.904252796	0.252647074	0.99147045	4.643845765
ENSORLG000000005907	m1ap	miosis 1 associated protein [Source:ZFIN,Acc:ZDB-GENE-070410_19]	4.308107708	0.174119914	1.776452112	5.910922178
ENSORLG000000016609	sch73-71d17	amylodysylase domain containing 1 [Source:HGNC Symbol,Acc:HGNC:28577]	6.942326091	3.958979003	0.115006266	3.098338672
ENSORLG000000016737	udp2	uridine phosphorylase 2 [Source:NCBI, gene:Acc:101174453]	5.134498624	-0.242385934	0.58367476	5.961131648
ENSORLG000000007150	msr12	methionine sulfoxide reductase B2 [Source:NCBI, gene:Acc:101167250]	5.88107157	-2.68910228	-2.443743961	6.126916299
ENSORLG000000010483	-	-	3.170231115	1.133809349	1.57937075	3.616281967
ENSORLG000000009256	h50	Oryzias latipes 50 kD glycoprotein (h50), mRNA [Source:RefSeq mRNA,Acc:NM_001222820]	4.440713565	-0.037417029	-1.335978005	3.142644864
ENSORLG000000014066	ust	uroonyl-C-sulfotransferase [Source:ZFIN,Acc:ZDB-GENE-041001_163]	4.996462513	1.257503115	2.101792885	5.841240889
ENSORLG000000019131	plac8.1	placenta-specific 8, tandem duplicate 1 [Source:ZFIN,Acc:ZDB-GENE-050809_124]	6.092570968	-0.725781507	-2.887977071	3.930599119
ENSORLG000000005369	prtgb	protogenin homolog b (Gallus gallus) [Source:ZFIN,Acc:ZDB-GENE-060302_11]	4.727588307	1.15648294	0.565056034	3.64649549
ENSORLG000000016886	LAMA3	laminin subunit alpha 3 [Source:HGNC Symbol,Acc:HGNC:6483]	4.528328991	1.130506472	-0.123545379	3.274761897
ENSORLG000000006684	sic16a13	EGF domain-specific O-linked N-acetylglucosamine (GlcNAc) transferase [Source:ZFIN,Acc:ZDB-GENE-120813-8]	5.999966754	1.174653365	-0.725312941	4.100486166
ENSORLG000000007980	ecgt	-	5.721130912	3.272142289	1.887717367	4.337187896
ENSORLG000000005448	csalact1a	chondroitin sulfate N-acetylglucosaminyltransferase 1a [Source:ZFIN,Acc:ZDB-GENE-121129-1]	6.311285152	3.44910511	0.682596128	3.54259923
ENSORLG000000006014	-	-	7.938051361	3.311147434	0.90052113	5.557650018
ENSORLG000000011949	sch211-256a1	sch211-256a21.4 [Source:ZFIN,Acc:ZDB-GENE-131121-328]	5.786518539	0.93308512	-1.305078307	3.548616335
ENSORLG000000006397	-	-	3.731857346	0.616740315	1.073496807	4.18910016
ENSORLG000000003513	lmbt1la	L3mbt-like 1a (Drosophila) [Source:ZFIN,Acc:ZDB-GENE-090312-120]	3.011539774	0.57765303	1.776620969	4.210988703

ENSORLG000000001008	-	-	2.150464135	4.906971602	-4.780789981	-0.071737934	-1.41764234	-6.12621276
ENSORLG000000000595	mcot2c	microtubulin 2 [Source:ZFIN,Acc:ZDB-GENE-040426-692]	5.567866653	0.500301727	1.515585626	-	-	4.532126418
ENSORLG0000000002571	zar1	zyvotc arrest 1 [Source:NCBI, gene:Acc:101175633]	-8.67074677	-0.491125711	-0.157888567	-	-	8.372057235
ENSORLG000000000341	zgc:56231	kinesin-like protein KIF20A [Source:NCBI, gene:Acc:101170741]	-11.05043363	-0.047302026	3.894092357	-	-	7.107920798
ENSORLG000000000331	foxh1	forkhead box H1 [Source:ZFIN,Acc:ZDB-GENE-000616-15]	-4.030457708	-0.391880486	-0.801489542	-	-	4.45571071
ENSORLG000000000989	-	-	-16.21776804	6.332070458	10.3615805	-	-	12.41424245
ENSORLG000000010513	polr3g	polymerase (RNA III) (DNA directed) polypeptide G [Source:ZFIN,Acc:ZDB-GENE_081104_312]	-5.779740407	1.525190813	1.538666397	-	-	5.765732378
ENSORLG000000002846	zgc:66455	zgc:66455 [Source:ZFIN,Acc:ZDB-GENE-040426-1642]	-8.39810291	-0.637098266	-1.907862037	-	-	10.20532987
ENSORLG000000009867	-	-	-10.09067889	-0.135226667	-0.352481706	-	-	10.30744928
ENSORLG000000017255	ankrd34b	ankyrin repeat domain 34B [Source:ZFIN,Acc:ZDB-GENE-060526-101]	-4.840070723	-0.936507271	-1.974634317	-	-	5.877712859
ENSORLG000000011280	-	-	-7.60412679	-0.63529316	-3.403162758	-	-	10.37210831
ENSORLG000000014848	cocd59	coiled-coil domain containing 59 [Source:NCBI, gene:Acc:101167436]	-16.54852863	3.655442389	16.59110279	-	-	3.510456422
ENSORLG000000003758	-	-	-6.885529201	0.249293367	7.277210114	-	-	4.833811347
ENSORLG000000018174	-	-	-8.429629755	-0.561698368	-1.708465567	-	-	9.589214037
ENSORLG000000009820	eloal	eloina A, like [Source:ZFIN,Acc:ZDB-GENE-131029-2]	-8.209141592	0.811003912	2.926714162	-	-	-6.082950552
ENSORLG000000008622	hmp15	homo morphogenetic protein 15 [Source:ZFIN,Acc:ZDB-GENE-030131_6115]	-7.819668137	-0.491621741	0.183651118	-	-	7.144209989
ENSORLG000000005278	-	-	-17.34498545	-0.657865275	12.24195322	-	-	4.444470378
ENSORLG000000015055	-	-	-5.250942966	1.38694438	-1.144732708	-	-	-7.035405824
ENSORLG000000015660	-	-	-10.01816294	-0.53186292	-0.526812982	-	-	10.12932922
ENSORLG000000012471	sidkeyp	Oryzias latipes ZPA domain containing protein (LOC100049331), mRNA [Source:RefSeq mRNA,Acc:NM_001104746]	-10.25956109	-0.633413036	-0.212560974	-	-	-9.83822366
ENSORLG000000015491	btg4	maternal 89.10 protein [Source:NCBI, gene:Acc:101158866]	-10.76101894	-0.080255369	-0.142916556	-	-	10.82319324
ENSORLG000000002209	-	-	-4.75610395	-1.47860483	-2.758615829	-	-	6.63732876
ENSORLG000000017820	-	-	-4.802830767	-2.205568022	-5.788479229	-	-	5.38847973
ENSORLG000000001672	-	-	-9.57411083	-0.358913801	-0.691758289	-	-	9.992101885
ENSORLG000000017171	nm2	netrin 2 [Source:ZFIN,Acc:ZDB-GENE-050310_2]	-3.188888272	0.08466338	2.768995383	-	-	6.800031545
ENSORLG000000014823	-	-	-9.444179414	1.713166299	5.132195505	-	-	6.024669601
ENSORLG000000011315	-	-	-8.810131318	-0.137868782	3.448195291	-	-	5.223483013
ENSORLG000000014654	-	-	-10.24496952					

ENSRORG0000017144	cdkn2c	cyclin-dependent kinase inhibitor 2C (p18, inhibits CDK4) [Source:ZFIN;Acc:ZDB-GENE-081104-145]	16.78895875	13.61802524	2.175288347	5.346589436
ENSRORG0000007279	-	-	16.31224173	13.81647671	2.64052061	5.136789938
ENSRORG0000001205	t10	coagulation factor X [Source:ZFIN;Acc:ZDB-GENE-012206-9]	4.608270659	2.49739447	1.611704987	3.723065727
ENSRORG0000002094	ompa	olfactory marker protein a [Source:ZFIN;Acc:ZDB-GENE-050526-118]	3.91927582	1.869719268	2.057911325	4.107953816
ENSRORG00000008740	sidkey-943.4	sidkey-943.4 [Source:ZFIN;Acc:ZDB-GENE-110914-175]	4.211474052	1.699933139	0.622589191	3.134617257
ENSRORG00000016013	agmat	agmatine ureohydrolase (agmatinase) [Source:ZFIN;Acc:ZDB-GENE-080929-696]	5.322016072	1.210188821	-1.017446946	3.094866307
ENSRORG00000005514	cef1	penta-EF-hand domain containing 1 [Source:ZFIN;Acc:ZDB-GENE-040601-259]	4.21235548	1.087070447	0.514710327	3.645360094
ENSRORG00000008980	-	-	5.895270016	0.759553634	-0.568398662	4.567803489
ENSRORG00000004118	STRADB	STB2-related kinase adaptor beta [Source:HGNC Symbol;Acc:HGNC:13205]	5.493472527	1.596834018	1.336802875	5.231924979
ENSRORG000000016512	ofa	Oryzias latipes transferin (LOC100144362), mRNA [Source:RefSeq; mRNUc:Acc:NM_001122932]	4.958837946	1.396252138	0.124325138	3.685395528
ENSRORG00000007135	mytqphb	myosin binding protein HB [Source:ZFIN;Acc:ZDB-GENE-030131-9794]	3.289160893	-0.594059504	0.710440667	4.594147251
ENSRORG00000017709	c10a3b	complement component 1, s subcomponent-like 3b [Source:ZFIN;Acc:ZDB-GENE-040476-1808]	3.310690759	0.167831726	-0.109096676	3.034245587
ENSRORG00000012301	e2f7	E2F transcription factor 7 [Source:ZFIN;Acc:ZDB-GENE-030131-3527]	6.018114024	2.770710646	0.574208973	3.822089756
ENSRORG00000006037	qs12a	regulator of G protein signaling 12a [Source:ZFIN;Acc:ZDB-GENE-030131-2614]	3.828309023	0.503764007	0.986824789	4.29365389
ENSRORG00000004874	-	-	3.787584312	1.671704521	0.961841522	3.078206439
ENSRORG00000005289	-	-	5.181060679	0.815466837	-1.042806722	3.303271641
ENSRORG00000009000	trm169	tripartite motif containing 69 [Source:ZFIN;Acc:ZDB-GENE-030131-857]	4.754351768	1.60775608	1.160101926	4.307182368
ENSRORG000000015286	mag	myelin associated glycoprotein [Source:NCBI gene;Acc:101153465]	4.827218726	-1.011577996	0.205644551	6.0492383
ENSRORG00000012800	pmepa1	prostate transmembrane protein, androgen induced 1 [Source:ZFIN;Acc:ZDB-GENE-040718-320]	4.83816248	0.64163733	-0.92705202	3.269957098
ENSRORG00000016913	trm110l1	transmembrane protein 110, like [Source:ZFIN;Acc:ZDB-GENE-040426-912]	5.632682919	2.326396554	1.061651348	4.368426042
ENSRORG000000011205	adcypa1a	adenylate cyclase activating polypeptide 1a [Source:ZFIN;Acc:ZDB-GENE-020809-4]	3.550977534	-0.292244871	0.822211651	4.670918235
ENSRORG000000001747	NBL1	neuroblastoma 1, DAN family BMP antagonist [Source:NCBI gene;Acc:101167028]	5.601706533	0.763175508	-0.788942707	4.050075145
ENSRORG000000012745	-	cartonic anhydrase 1 [Source:NCBI gene;Acc:101168031]	6.469646621	-0.382185167	-1.387467012	5.464848512
ENSRORG000000014099	rab42b	RAB42, member RAS oncogene family [Source:ZFIN;Acc:ZDB-GENE-050417-172]	5.700016794	-0.232759827	1.500872633	6.00072603
ENSRORG00000004897	stim2a	stromal interaction molecule 2a [Source:ZFIN;Acc:ZDB-GENE-130530-765]	17.02757916	12.21522052	0.898549463	5.711375393
ENSRORG00000018142	ezra	ezrin a [Source:ZFIN;Acc:ZDB-GENE-050522-18]	6.210809147	-0.26380433	-3.115093153	3.359281424
ENSRORG000000015429	dhcr7	7-dehydrocholesterol reductase [Source:ZFIN;Acc:ZDB-GENE-030912-9]	4.448970568	1.655821741	0.860196146	3.653819438
ENSRORG00000017346	sc25a12	scn carrier family 25 (aspartate/glutamate carrier), member 12 [Source:ZFIN;Acc:ZDB-GENE-031006-13]	4.401282152	0.020569605	1.21177841	3.169408819
ENSRORG00000009070	lmy1 (l of man)	lysine mediating and regulatory protein, p53 cofactor [Source:HGNC Symbol;Acc:HGNC:28916]	3.816227968	-0.996412534	-1.210426884	4.130781341
ENSRORG00000006351	zpc123217	zpc123217 [Source:ZFIN;Acc:ZDB-GENE-051113-188]	4.654059516	-0.523342922	-0.06954213	5.117446771
ENSRORG000000012541	lcat	lecithin:cholesterol acyltransferase [Source:NCBI gene;Acc:101164434]	4.12748632	1.927496988	1.276149326	3.476622767
ENSRORG000000011023	si.ch211-117c9.5	si.ch211-117c9.5 [Source:ZFIN;Acc:ZDB-GENE-110408-7]	3.589986301	-0.046028292	-0.051159551	5.64855472
ENSRORG00000005556	birc2	baculoviral IAP repeat containing 2 [Source:ZFIN;Acc:ZDB-GENE-030825-6]	3.573155044	0.93531802	-1.07726811	3.715049095
ENSRORG000000010023	-	-	3.450562145	-0.292415172	-0.070110023	3.157614002
ENSRORG000000012085	enpp1	ectonucleotide pyrophosphatase/phosphodiesterase 1 [Source:ZFIN;Acc:ZDB-GENE-040724-172]	3.700257996	1.305580288	1.086317445	3.481482465
ENSRORG00000009198	osbp2	oxysterol binding protein 2 [Source:ZFIN;Acc:ZDB-GENE-091113-18]	4.008002116	0.141112931	2.150184736	6.017558494
ENSRORG000000016520	sgk1	serum/glucocorticoid regulated kinase 1 [Source:ZFIN;Acc:ZDB-GENE-030131-2860]	4.97222678	0.426744688	-0.526733425	4.019233378
ENSRORG000000013627	-	-	3.375272815	2.220380024	-0.222917363	3.932452421
ENSRORG000000017192	phgdh	phosphoglycerate dehydrogenase [Source:NCBI gene;Acc:101158150]	5.091161834	2.780491264	0.778615223	3.089772023
ENSRORG00000006894	acid1b	acid-sensing (proton-gated) ion channel 1b [Source:ZFIN;Acc:ZDB-GENE-040513-11]	5.482648022	1.815796043	-0.05550071	3.611840242
ENSRORG000000017435	dna	dydroprotein, alpha [Source:ZFIN;Acc:ZDB-GENE-070117-2]	6.797435781	2.047023019	0.315959161	5.666864234
ENSRORG000000015256	lhx1	Lhx1 [Source:ZFIN;Acc:ZDB-GENE-030805-5]	18.24612227	12.92330891	-2.03335212	3.289926731
ENSRORG000000008937	si.ch73-61d6.3	si.ch73-61d6.3 [Source:ZFIN;Acc:ZDB-GENE-091204-109]	4.264459025	0.866865476	0.098811052	3.496891007
ENSRORG000000010258	Hdcd1	putative hexokinase HDCD1 [Source:NCBI gene;Acc:101164434]	5.064043105	1.414161718	0.255149485	3.905516568
ENSRORG000000092222	scd1	scd1, C10A desaturase [Source:NCBI gene;Acc:101160599]	4.619966738	2.311741019	1.088921795	3.37932035
ENSRORG00000007849	cxcl19	interleukin-8 [Source:NCBI gene;Acc:101155802]	5.554361816	0.128911126	-0.953023621	4.472911703
ENSRORG000000013799	-	-	5.323098088	1.645890322	-0.08782929	3.589711385
ENSRORG000000006713	-	-	3.206648488	0.858541739	1.246547995	3.957139505
ENSRORG000000021522	RF00566	small nuclear RNA SNORA35 [Source:NCBI gene;Acc:111948276]	4.349602419	2.49316115	1.180427041	3.037356074
ENSRORG0000000013449	-	-	4.3229328	1.116250717	3.42054433	
ENSRORG00000004855	adss	adenylosuccinate synthase [Source:ZFIN;Acc:ZDB-GENE-050417-337]	6.046817585	1.613430227	-0.205420304	4.22845255
ENSRORG000000099912	usp2a	ubiquitin specific peptidase 2a [Source:ZFIN;Acc:ZDB-GENE-041212-59]	3.77409566	1.136069533	2.711718938	5.355680459
ENSRORG000000015528	zgc-109949	riboflavin-binding protein [Source:NCBI gene;Acc:101163821]	5.586458086	-3.528951627	-0.10329821	3.70329821
ENSRORG00000005935	-	-	6.829029028	1.014066171	-2.79101453	3.024433517
ENSRORG000000011133	-	-	4.094662871	0.2853472	1.045625688	4.855431963
ENSRORG000000012461	ptx3b	pentraxin 3, long b [Source:ZFIN;Acc:ZDB-GENE-081104-385]	6.136739059	-0.011381781	-2.555195837	3.593410484
ENSRORG000000012162	dPYSL2	dihydropyrimidinase like 2 [Source:HGNC Symbol;Acc:HGNC:3014]	5.430049876	1.94215413	1.527491221	5.01587293
ENSRORG000000020604	-	-	4.337956413	1.754651276	0.709339927	3.293152938
ENSRORG000000013976	-	-	5.714088892	-1.236642056	-3.710245734	3.240996955
ENSRORG0000000909	CLRN3	clrn3 [Source:NCBI gene;Acc:101166090]	3.500507489	-0.825967736	-1.014948064	3.312052324
ENSRORG000000010014	si.skey-9110.3	si.skey-9110.3 [Source:ZFIN;Acc:ZDB-GENE-081105-124]	5.109134691	1.788426746	0.198685116	3.517987999
ENSRORG000000011733	rhcg	Rh family, C glycoprotein b [Source:ZFIN;Acc:ZDB-GENE-040426-295]	5.856858762	-1.375052779	-2.715001924	4.51939862
ENSRORG000000018220	fer16	fer-1 like family member 6 [Source:ZFIN;Acc:ZDB-GENE-070912-312]	5.412851522	1.17921807	1.254521329	5.488636372

ENSRORG00000011283	-	-	-	-	-	-
ENSRORG00000000073	-	-	-	-	-	-9.411495396
ENSRORG000000010587	-	-	-	-	-	-3.354521546
ENSRORG00000016443	igf1	insulin like growth factor 1 [Source:NCBI gene;Acc:101168167]	-	-	-	-10.47330952
ENSRORG00000006854	sidkey-28	sidkey-20q17.3 [Source:ZFIN;Acc:ZDB-GENE-131117-37]	-	-	-	-0.708973626
ENSRORG000000004318	hcn2b	Hypertension activated cyclic nucleotide-gated potassium channel 2b [Source:ZFIN;Acc:ZDB-GENE-030131-8228]	-	-	-	0.082654253
ENSRORG000000005919	-	-	-	-	-	-5.047278897
ENSRORG000000005996	fbxo32	F-box protein 32 [Source:NCBI gene;Acc:101164672]	-	-	-	-0.255519136
ENSRORG000000010103	-	-	-	-	-	-4.59619071
ENSRORG000000011605	-	-	-	-	-	-4.720054665
ENSRORG000000011815	-	-	-	-	-	3.823711533
ENSRORG00000013494	BMP7	bone morphogenetic protein 7 [Source:HGNC Symbol;Acc:HGNC:1014]	-	-	-	0.00076633
ENSRORG00000013525	lsm14b	LSM family member 14B [Source:ZFIN;Acc:ZDB-GENE-040426-779]	-	-	-	-3.254503534
ENSRORG000000140157	cyp26a1	Cyp26a1, uncharacterized LOC101163484 [Source:NCBI gene;Acc:101163484]	-	-	-	0.828457469
ENSRORG00000010075	grip2a	glutamate receptor interacting protein 2a [Source:ZFIN;Acc:ZDB-GENE-081104-132]	-	-	-	-7.956665846
ENSRORG000000017250	foxl2a	forkhead box F2a [Source:ZFIN;Acc:ZDB-GENE-110407-5]	-	-	-	8.116753462
ENSRORG000000014532	h3k321	SH3 domain containing 21 [Source:ZFIN;Acc:ZDB-GENE-051120-57]	-	-	-	-0.29106691
ENSRORG000000006281	guca1c	guanylyl cyclase-activating protein 3 [Source:NCBI gene;Acc:101172917]	-	-	-	-0.297878451
ENSRORG000000013038	calt2a	calretinin [Source:NCBI gene;Acc:101174993]	-	-	-	-3.10811529
ENSRORG000000008333	-	-	-	-	-	-0.219832595
ENSRORG000000004312	marveld2	MARVEL domain containing 2b [Source:ZFIN;Acc:ZDB-GENE-050208-54]	-	-	-	-1.36187333
ENSRORG00000017278	foxp2a	forkhead box P2a [Source:ZFIN;Acc:ZDB-GENE-110407-5]	-	-	-	-3.16187333
ENSRORG000000004348	-	-	-	-	-	-0.503620021
ENSRORG000000010501	-	-	-	-	-	-4.74967273
ENSRORG000000015942	-	-	-	-	-	-9.75041499
ENSRORG000000009206	-	-	-	-	-	-0.742078532
ENSRORG00000017278	marveld2	MARVEL domain containing 2b [Source:ZFIN;Acc:ZDB-GENE-050208-54]	-	-	-	-3.05098704
ENSRORG000000004348	-	-	-	-	-	-0.511958338
ENSRORG000000010501	-	-	-	-	-	-5.060676794
ENSRORG000000015942	-	-	-	-	-	-0.609219055
ENSRORG000000009206	-	-	-	-	-	-0.945668515
ENSRORG00000017278	marveld2	MARVEL domain containing 2b [Source:ZFIN;Acc:ZDB-GENE-050208-54]	-	-	-	-3.506324312
ENSRORG000000004348	-	-	-	-	-	-19.0187195
ENSRORG000000010501	-	-	-	-	-	-0.189076043
ENSRORG000000015942	-	-	-	-	-	-12.7914122
ENSRORG000000009206	-	-	-	-	-	-6.037815967
ENSRORG00000017278	marveld2	MARVEL domain containing 2b [Source:ZFIN;Acc:ZDB-GENE-050208-54]	-	-	-	-3.08513974
ENSRORG000000004348	-	-	-	-	-	-0.8792905427
ENSRORG000000010501	-	-	-	-	-	-16.37573691
ENSRORG000000015942	-	-	-	-	-	-0.522145812
ENSRORG000000009206	-	-	-	-	-	-10.68675845
ENSRORG00000017278	marveld2	MARVEL domain containing 2b [Source:ZFIN;Acc:ZDB-GENE-050208-54]	-	-	-	-4.90757431
ENSRORG000000004348	-	-	-	-	-	-0.93193556
ENSRORG000000010501						

ENSRGLG00000004849	csf1ra	colony stimulating factor 1 receptor, alpha [Source:ZFIN;Acc:ZDB-Gene-001205-1]	5.035280899	1.5683925	0.01233996	3.479709373
ENSRGLG00000001711	cpnb4b	cytosolic polyubiquitylation element binding protein 4b [Source:ZFIN;Acc:ZDB-Gene-170601-167]	3.666201114	0.878587993	1.495306232	4.283404172
ENSRGLG00000001576	SLC25A24	solute carrier family 25 member 24 [Source:HGNC;Symbol:SLC25A24]	5.182110709	1.839843362	0.260042641	3.602797487
ENSRGLG00000007552	OTU domain-containing protein 75 [Source:ZFIN;Acc:ZDB-Gene-001187-27]	6.086657471	1.895637599	-1.0819362	3.109565421	
ENSRGLG00000004933	pkpka	phosphotransferase, platelet alpha [Source:ZFIN;Acc:ZDB-Gene-001112-229]	4.364249117	1.361932027	0.124191754	3.124191754
ENSRGLG00000001885	dnm3a	dynamin 3a [Source:ZFIN;Acc:ZDB-Gene-040724-76]	3.939781007	1.967745937	1.496684062	3.469201824
ENSRGLG00000001117	cor3	RST co-repressor 3 [Source:ZFIN;Acc:ZDB-Gene-050208-371]	4.592445438	1.74767479	1.020977351	3.866323478
ENSRGLG00000007890	snpd5	sphingomyelin phosphodiesterase 5 [Source:NCBI;Gene:101160838]	5.021137496	1.919576651	1.256566851	4.358611607
ENSRGLG00000001527	-	PTB domain-containing engulfment adapter protein 1 [Source:NCBI;Gene:Acc:101169696]	4.767992996	-0.002835629	-1.603549942	3.167763564
ENSRGLG00000001052	-	-	4.836939554	0.10772428	0.472640036	-
ENSRGLG00000001073	tatp7	fatty acid binding protein 7 [Source:NCBI;Gene:Acc:100144367]	4.736362355	-0.736513441	-0.06508878	5.41279317
ENSRGLG00000007984	-	-	5.691989205	-0.048254718	-0.481079684	5.23964292
ENSRGLG00000003124	si:dkey-121b1.7	si:dkey-121b1.7 [Source:ZFIN;Acc:ZDB-Gene-090312-176]	16.27244153	11.36663367	0.007508532	4.913786136
ENSRGLG00000009676	ppt1	palmitoyl-protein thioesterase 7 [Source:NCBI;Gene:Acc:101168727]	3.848606893	0.142131495	0.180698876	3.88761006
ENSRGLG00000007249	slc7a7	solute carrier family 7 member 7 [Source:NCBI;Gene:Acc:101169978]	4.821142219	0.662043947	1.32894702	5.489532178
ENSRGLG00000003164	-	very long-chain acyl-CoA synthetase [Source:NCBI;Gene:Acc:101155585]	3.871253351	1.429712351	0.882143658	3.324167721
ENSRGLG000000018064	ctgfa	connective tissue growth factor A [Source:ZFIN;Acc:ZDB-Gene-030131-102]	6.007414093	1.399951987	-0.690786687	3.917160504
ENSRGLG000000017075	-	guanylin [Source:NCBI;Gene:Acc:101159096]	6.55523005	0.649071976	-2.158009152	3.748926911
ENSRGLG000000017225	-	bifunctional protein GMIU [Source:NCBI;Gene:Acc:101163376]	16.53737039	13.22988379	9.00915513	4.028869584
ENSRGLG000000017848	myl12.2	myosin, light chain 12, genome duplicate 2 [Source:ZFIN;Acc:ZDB-Gene-030131-9028]	3.014185625	1.238442833	1.969490518	3.745718212
ENSRGLG000000010490	usp54b	ubiquitin specific peptidase 54b [Source:ZFIN;Acc:ZDB-Gene-090828-3]	4.728614751	1.496850811	0.390115892	3.620711882
ENSRGLG00000005664	col11a1a	collagen, type XI, alpha 1A [Source:ZFIN;Acc:ZDB-Gene-070208-167]	4.036507447	0.31441222	-0.598643252	3.133251685
ENSRGLG00000003989	ITGB8	integrin subunit beta 8 [Source:HGNC;Symbol:ITGB8]	6.45124683	1.991168809	0.163528815	4.62409138
ENSRGLG000000015582	mep1a.2	meprin A, alpha (PABA peptide hydrolase), tandem duplicate 2 [Source:ZFIN;Acc:ZDB-Gene-041001-208]	4.677476231	-0.839820227	-1.642529913	3.875252596
ENSRGLG00000001338	nesp3	nescient helix-loop-helix protein 3 [Source:ZFIN;Acc:ZDB-Gene-030131-9028]	3.802545072	0.508045378	0.075667327	3.106551438
ENSRGLG00000008806	sk1	salt-inducible kinase 1 [Source:ZFIN;Acc:ZDB-Gene-030131-9468]	6.841748531	1.139088931	-1.24051349	4.458092054
ENSRGLG00000000216	rasd4	GTP-binding protein Rhes [Source:NCBI;Gene:Acc:101163276]	3.519557614	-0.77258662	0.305874084	4.598501159
ENSRGLG00000000414	slc12a3	solute carrier family 12 (sodium/chloride transporter), member 3 [Source:ZFIN;Acc:ZDB-Gene-030131-9505]	6.23948583	-0.93596482	-3.83059484	3.345371567
ENSRGLG000000017879	scg5	secretogranin V [Source:ZFIN;Acc:ZDB-Gene-040426-1687]	3.847117884	1.114942308	0.458624954	3.191286372
ENSRGLG00000001877	cgfr	opioid growth factor receptor [Source:ZFIN;Acc:ZDB-Gene-030131-377]	4.442631092	1.631898565	1.867428789	4.678842721
ENSRGLG000000016907	TTCC9C (1 of 4)	tetratricopeptide repeat domain 39C [Source:HGNC;Symbol:TTCC9C]	4.392818829	1.931468271	0.647468027	3.106551438
ENSRGLG000000011505	CPLX2	complexin 2 [Source:NCBI;Gene:Acc:101172505]	16.85093715	11.81900949	-0.571331659	4.461063619
ENSRGLG000000013351	angpt2b	angiopoietin-like 2b [Source:ZFIN;Acc:ZDB-Gene-050624-11]	4.962646462	0.961101538	0.613494873	4.615614747
ENSRGLG000000018238	-	-	3.470870715	-0.884296236	-0.957179053	3.39847298
ENSRGLG00000009846	-	-	6.135793781	2.86132568	0.95947051	4.10023718
ENSRGLG00000003679	-	-	4.025913947	1.102163487	2.15611069	5.080245399
ENSRGLG000000011982	-	F-box only protein 2 [Source:NCBI;Gene:Acc:101172071]	4.914621663	2.048488017	0.775348514	3.64198786
ENSRGLG00000007834	gashb	g-protein-coupled receptor class B group member 10 [Source:NCBI;Gene:Acc:101156637]	4.814052954	1.899960264	0.386425851	3.305004417
ENSRGLG00000002909	prh2b	granth-like transcription factor 2b [Source:ZFIN;Acc:ZDB-Gene-060503-719]	4.929950541	0.025025599	-0.840976883	4.06434596
ENSRGLG00000005954	-	cholesterolemia [Source:NCBI;Gene:Acc:101165324]	5.320813665	-0.470598629	2.612252629	4.404146663
ENSRGLG00000004344	KIF5B (1 of 4)	kinesin family member 5B [Source:NCBI;Gene:Acc:101179898]	3.216432176	0.560460594	0.866554787	3.522111539
ENSRGLG00000008342	cahz	cardiac anhydrase [Source:ZFIN;Acc:ZDB-Gene-980256-39]	5.77667168	0.303701295	0.470334041	5.943789481
ENSRGLG000000011483	slc25a48	solute carrier family 25, member 48 [Source:ZFIN;Acc:ZDB-Gene-040718-60]	5.685994281	-1.684674119	-2.762477874	4.60867481
ENSRGLG00000001467	crabp1a	cellular retinoic acid binding protein 1a [Source:ZFIN;Acc:ZDB-Gene-020320-3]	5.862821026	1.641403541	0.965956168	5.187857101
ENSRGLG000000011217	meftf	mesencephalic fold-inducing factor [Source:ZFIN;Acc:ZDB-Gene-050309-40]	6.693760305	-1.47597292	-0.793689737	4.076549946
ENSRGLG000000015960	vsn11a	vesin-1-like protein 1 [Source:NCBI;Gene:Acc:101164199]	3.256156419	-1.814276657	0.748063848	5.81898533
ENSRGLG000000013859	-	N-acyl phosphatidylethanolamine phospholipase D [Source:NCBI;Gene:Acc:101162688]	6.170540679	1.951848385	1.143880703	5.363064595
ENSRGLG000000012988	ppp6	purine nucleoside phosphorylase 6 [Source:ZFIN;Acc:ZDB-Gene-040426-1800]	5.893273942	-2.23520329	-3.118210652	5.011069251
ENSRGLG000000011026	COLEC12	collectin subfamily member 12 [Source:HGNC;Symbol:COLEC12]	5.145254986	0.172775976	-0.111073487	4.861891268
ENSRGLG00000004134	zpc-92275	zpc-92275 [Source:ZFIN;Acc:ZDB-Gene-040718-366]	4.140913154	-1.968802591	2.280719622	4.801918995
ENSRGLG00000007662	KIAA0895	KIAA0895 [Source:HGNC;Symbol:KIAA0895]	5.102737269	2.436365107	2.423284934	5.10851871
ENSRGLG00000004826	mical2a	microtubule-associated protein 2, LIM domain containing 2 [Source:ZFIN;Acc:ZDB-Gene-110110-21]	3.98539871	2.07058628	1.50498769	3.418722505
ENSRGLG000000011107	wnt7ba	Wnt-7b [Source:NCBI;Gene:Acc:101170723]	6.318805159	4.094127506	0.985885481	3.209510378
ENSRGLG00000006247	E1FA	eukaryotic translation initiation factor 5A [Source:HGNC;Symbol:EIF5A]	4.112358586	2.169620949	2.195184043	4.139589394
ENSRGLG00000008709	ctnb	catenin [Source:NCBI;Gene:Acc:101159012]	5.018164794	1.912353254	0.828767953	3.933061071
ENSRGLG000000015271	-	-	18.05564895	10.66970204	-0.85112552	6.301238471
ENSRGLG000000015666	elmo2	engulfment and cell motility 2 [Source:ZFIN;Acc:ZDB-Gene-140106-84]	3.77614046	2.29038491	2.746188118	4.23240196
ENSRGLG000000007005	-	-	5.048994392	1.113066096	-0.891400137	3.042011923
ENSRGLG00000003091	-	-	4.321099323	-0.636207489	-0.772926052	4.184866612
ENSRGLG00000006852	zbtb22b	zinc finger and BTB domain containing 22b [Source:ZFIN;Acc:ZDB-Gene-010110-4]	5.972249607	2.958873112	1.196705745	4.213707943
ENSRGLG00000004220	KCNJ15	potassium voltage-gated channel subfamily J member 15 [Source:HGNC;Symbol:KCNJ15]	5.878936368	-2.586677298	-3.24687767	5.22018351
ENSRGLG00000006665	fosb	FBJ murine osteosarcoma viral oncogene homolog B [Source:ZFIN;Acc:ZDB-Gene-041114-181]	6.625596931	1.093952569	-0.597685639	4.93442431
ENSRGLG00000002758	gpr371a	G protein-coupled receptor 37, like 1a [Source:ZFIN;Acc:ZDB-Gene-110411-20]	3.924964414	0.8088825	0.3402056	3.420532991
ENSRGLG00000004114	rabgef1	RAB guanine nucleotide exchange factor (GEF) 1 [Source:ZFIN;Acc:ZDB-Gene-040426-1486]	3.574857207	0.772409632	0.806543935	3.686384676

ENSRGLG000000003695	-	uncharacterized LOC101159113 [Source:NCBI;Gene:Acc:101159113]	-	-	-	-10.06357487	-0.572513593	-1.49375366	-10.98433375
ENSRGLG00000004579	-	-	-	-	-	-8.736815446	-0.440464914	-1.783202038	-10.0796781
ENSRGLG000000010476	-	-	-	-	-	-10.21731668	-0.436620299	-0.686660179	-10.476811
ENSRGLG000000003145	ctss	Oryzias latipes cathepsin S (ctss), mRNA [Source:RefSeq;mRNA:NM_001104687]	-	-	-	-10.01124136	-0.384580303	-1.127056126	-10.75323324
ENSRGLG000000012216	-	-	-	-	-	-10.0139003	-0.06958535	-0.642727246	-10.59025468
ENSRGLG00000000429	-	-	-	-	-	-9.742704272	2.264537711	2.739538125	-9.271504184
ENSRGLG00000000095	-	-	-	-	-	-6.126715944	0.219692534	-12.66892815	-19.65550808
ENSRGLG00000010694	-	-	-	-	-	-5.784744004	-0.108259803	-2.108259803	-4.776854152
ENSRGLG000000012029	-	-	-	-	-	-9.207263498	-0.918827617	0.609178577	-7.678727329
ENSRGLG000000015622	flvcr2a	feline leukemia virus subgroup C cellular receptor family, member 2a [Source:ZFIN;Acc:ZDB-Gene-111020-141]	-	-	-	-8.205072842	-0.127090009	0.915361434	-7.162135828
ENSRGLG00000004859	mir411b	miR411b [Source:ZFIN;Acc:ZDB-Gene-040310-3]	-	-	-	-5.757653948	-1.323931214	-1.921582948	-6.354829094
ENSRGLG000000017802	-	-	-	-	-	-8.414775246	0.184762519	-0.375611193	-9.974659865
ENSRGLG000000014180	-	-	-	-	-	-4.526987904	-0.58345807	-0.458682439	-4.401727126
ENSRGLG000000017882	-	-	-	-	-	-9.653975064	-0.099059728	-0.60770608	-10.16150597
ENSRGLG00000001728	konk6	potassium channel, subfamily K, member 6 [Source:ZFIN;Acc:ZDB-Gene-050309-213]	-	-	-	-3.901898763	-0.306682945	-1.641712441	-4.725725354
ENSRGLG00000002684	-	-	-	-	-	-8.453807328	-0.102997328	-0.731862524	-8.185213582
ENSRGLG00000007062	-	-	-	-	-	-5.339411722	0.743581053	1.543050508	-4.539002253
ENSRGLG000000016420	elov1a	elongation of very long chain fatty acids protein 1 [Source:NCBI;Gene:Acc:101157810]	-	-	-	-4.355785979	0.26621374	-2.481065226	-7.100988473
ENSRGLG000000012387	-	-	-	-	-	-10.6434551	-0.999915029	-0.724821022	-10.3678486
ENSRGLG00000002880	-	-	-	-	-	-9.199172583	-1.571454538	-1.248463628	-6.382612567
ENSRGLG000000012018	nanos3	nanos homolog 3 [Source:ZFIN;Acc:ZDB-Gene-011221-1]	-	-	-	-3.1939068	0.019646676	-1.432393084	-4.645461266
ENSRGLG000000014382	cax1	cation/H <sup>+</sup> exchanger protein 1 [Source:ZFIN;Acc:ZDB-Gene-030131-3044]	-	-	-	-6.498489327	-0.341456723	1.245325449	-4.911221976
ENSRGLG00000002993	-	-	-	-	-	-10.12675423	-0.584628097	-0.820115521	-9.160175666
ENSRGLG000000006896	flp21a2	cytochrome P450, family 21, subfamily A, polypeptide 2 [Source:ZFIN;Acc:ZDB-Gene-070103-6]	-	-	-	-5.405517682	0.86430965	-11.66502921	-17.93499217
ENSRGLG00000000798	-	-	-	-	-	-3.493345377	-0.113107899	-0.131067878	-4.49618914
ENSRGLG000000014808	-	-	-	-	-	-10.16907382	0.426855006	1.848282239	-8.74695138
ENSRGLG000000006627	-	-	-	-	-	-9.639479611	-0.462996337	0.032977095	-9.143021366
ENSRGLG000000012954	-	-	-	-	-	-4.954945783	0.138136996	-0.568794065	-6.869301914
ENSRGLG000000012735	-	-	-	-	-	-7.666933405	0.179240146	2.888889079	-4.956800276
ENSRGLG00000002928	-	-	-	-	-	-10.53748333	0.007380336	-0.927130336	-11.4664834
ENSRGLG000000013930	furc9	Oryzias latipes alpha3-fucosyltransferase-1e (furc9), mRNA [Source:RefSeq;mRNA:NM_001163080]	-	-	-	-4.14551312	0.107050091	-0.132960951	-5.380014271
ENSRGLG000000012421	carm3	capring protein regulator and myosin 1 linker 3 [Source:ZFIN;Acc:ZDB-Gene-070912-183]	-	-	-	-4.698807581	0.072977982	-1.440305491	-6.208335315
ENSRGLG000000005246	-	-	-	-	-	-15.90495483	1.221159135	-1.71	

	ENSRORG0000014725	-	-	16.35809447	10.9445437	2.939740285	8.353765811
	ENSRORG00000005182	-	-	5.108081381	1.968698608	-0.055116583	3.066541118
	ENSRORG00000006396	-	-	4.899620832	-2.932573098	-0.3100121	4.16266636
	ENSRORG00000017031	hoxb13a	homeobox B13a [Source:ZFInAcc.ZDB-GENE-050812-1]	6.145051628	-0.069145045	-3.197172769	3.017508956
	ENSRORG00000002093	-	uncharacterized LOC101156589 [Source:NCBI gene:Acc101156589]	5.701632986	1.6455657	-0.475120645	3.581431525
	ENSRORG00000001994	-	-	5.381263782	2.134789537	0.787215791	4.404173044
	ENSRORG000000013624	-	-	3.610882787	0.14856181	0.517486214	3.932920264
	ENSRORG00000007825	dok6	docking protein 6 [Source:ZFInAcc.ZDB-GENE-070410-50]	3.711027075	-1.54028837	0.2782158	5.530017685
	ENSRORG00000007799	st3gal7	alpha-L-2,3-sialyltransferase ST3Gal V [Source:NCBI gene:Acc100048379]	6.111822008	1.149900339	-1.429856157	5.53254526
	ENSRORG000000015637	bcan	brevican [Source:ZFInAcc.ZDB-GENE-030131-6045]	7.523252909	1.828851844	0.065057211	5.760216242
	ENSRORG00000006996	hnf4g	hepatocyte nuclear factor 4, gamma [Source:ZFInAcc.ZDB-GENE-060929-100]	4.545062589	-1.12973449	-1.755285257	3.919986959
	ENSRORG00000004930	MAL2	mal, T cell differentiation protein 2 (gene/pseudogene) [Source:HGNC Symbol:HGNC:13634]	5.625256395	0.048516637	-1.629732153	3.947492209
	ENSRORG000000015578	ostp5	oxysterol binding protein-like 5 [Source:ZFInAcc.ZDB-GENE-030131-5872]	4.160125382	1.110324773	0.543766721	3.594052245
	ENSRORG00000006324	-	-	6.338283913	-0.855607904	-2.273185047	4.921192357
	ENSRORG000000015065	EVPL (1 of mar	envoloplatin [Source:HGNC Symbol:HGNC:3503]	4.062228207	-1.157241399	-2.088080786	3.131875577
	ENSRORG000000008534	meis3	myeloid ecotropic viral integration site 3 [Source:ZFInAcc.ZDB-GENE-010406-2]	4.679158737	0.815296743	-0.077086691	3.787269298
	ENSRORG000000011578	-	-	3.290712703	1.324080539	2.109178227	4.07629555
	ENSRORG000000003439	-	-	5.121077613	-0.228624913	-2.186516169	3.163288466
	ENSRORG00000007958	dhh	desert hedgehog [Source:ZFInAcc.ZDB-GENE-990714-5]	18.21155321	11.24588366	-0.946570524	6.019682906
	ENSRORG000000006516	-	-	3.232847886	1.330863728	1.11993766	3.023262398
	ENSRORG00000008298	coro1cb	coronin-1C [Source:NCBI gene:Acc101166646]	4.552440841	1.402394562	0.819698702	3.970221884
	ENSRORG000000004562	hsl11b11a.l	hydroxysteroid (11-beta) dehydrogenase 1-like A [Source:ZFInAcc.ZDB-GENE-040426-1002]	4.214008597	-1.87031312	3.042885758	3.042885758
	ENSRORG00000001987	-	-	5.08290194	2.32538029	0.933405547	3.691413498
	ENSRORG000000006603	ca15b	carcinoembryonic antigen Xvb [Source:ZFInAcc.ZDB-GENE-040426-2222]	4.766152526	-0.89215619	-1.617956646	4.040843179
	ENSRORG000000016465	hxb2b	HM homeobox 2b [Source:ZFInAcc.ZDB-GENE-051220-1]	6.364049014	0.75644353	-0.35564959	5.25457301
	ENSRORG000000012151	pcyt2	phosphate cytidyltransferase 2, ethanolamine [Source:ZFInAcc.ZDB-GENE-041010-132]	5.58961542	1.783703817	-0.7815844	3.025012145
	ENSRORG00000001929	-	-	5.328106264	1.555258221	1.208579102	4.981848441
	ENSRORG000000010105	GPR21	G protein-coupled receptor 21 [Source:HGNC Symbol:Acc:HGNC:4476]	5.183721482	2.312659048	0.866274423	3.778139304
	ENSRORG000000008150	-	-	3.987537209	1.338386104	0.978836111	3.628472271
	ENSRORG000000004057	st6galnac6	Oryza latipes ST6 N-acetylgalactosaminide alpha-2,6-sialyltransferase 6 (st6galnac6), mRNA. [Source:RefSeq mRNA:Acc:NM_001278558]	3.896021644	1.014437702	0.586017066	3.468086045
	ENSRORG000000016044	tal1	T-cell acute lymphocytic leukemia 1 [Source:ZFInAcc.ZDB-GENE-980526-501]	5.606613382	-1.077560405	-0.259302115	6.425347351
	ENSRORG000000021060	-	-	3.836309184	1.990316781	2.587410769	4.413771066
	ENSRORG000000006282	retreg1	reticulophagy regulator 1 [Source:ZFInAcc.ZDB-GENE-130221-1]	3.137156309	0.23572481	1.414067388	4.315981685
	ENSRORG000000014812	-	-	5.975345158	0.950219553	-0.187759243	4.837851978
	ENSRORG000000005754	dpep1	dipeptidase 1 [Source:ZFInAcc.ZDB-GENE-061013-388]	6.278989883	-2.246402827	-4.637059933	3.888719046
	ENSRORG000000006833	cerx5	ceramide synthase 5 [Source:ZFInAcc.ZDB-GENE-030131-1740]	3.671108697	1.204421718	0.88263046	3.349801506
	ENSRORG000000010719	esy2b	extended synaptotagmin 2 [Source:NCBI gene:Acc10135352]	5.083511432	0.029813527	0.313528855	5.36771106
	ENSRORG000000006708	ak1	adenylyl kinase 1 [Source:NCBI gene:Acc101156342]	5.010142874	2.579683995	2.96592799	3.99861621
	ENSRORG000000016368	slc48a1b	solute carrier family 48 (hematopoietic) member 1b [Source:ZFInAcc.ZDB-GENE-030131-8276]	16.98929504	13.72439341	1.411165141	4.656164901
	ENSRORG000000004116	dk3b	distal-less homeobox 3 [Source:NCBI gene:Acc101157491]	6.621003133	1.030665757	-0.208604237	3.554780638
	ENSRORG000000005311	lzc	leucine zipper and CTNBP1 domain containing [Source:NCBI gene:Acc101174666]	3.599555757	1.722576759	1.543568133	3.421031928
	ENSRORG000000010864	gda	guanine deaminase [Source:ZFInAcc.ZDB-GENE-09592-484]	4.159274197	-0.575120679	-1.455648115	3.279231296
	ENSRORG000000013613	-	-	5.055785522	0.185482213	-0.351301874	4.519488639
	ENSRORG000000016129	-	-	4.291673582	1.529555275	1.567843897	4.33046007
	ENSRORG000000005008	baip3	BAI1-associated protein 3 [Source:ZFInAcc.ZDB-GENE-130530-863]	8.567626895	3.802542307	1.083296176	5.848848107
	ENSRORG000000016841	slpr3a	sclerosin-1, phosphate receptor 3a [Source:ZFInAcc.ZDB-GENE-050208-347]	5.894660301	0.937251905	2.29956843	7.217455902
	ENSRORG000000000224	-	-	3.435806834	-0.036184867	0.567212789	4.039698992
	ENSRORG000000006465	-	-	3.166278347	0.00686148	0.564207277	3.724108867
	ENSRORG000000011642	-	-	6.074389403	2.011957275	-0.551243004	3.511676661
	ENSRORG000000012256	-	-	16.30804094	13.73126493	3.268222921	3.686222921
	ENSRORG000000013126	-	-	6.323118986	2.450820428	-0.176028987	3.696745424
	ENSRORG000000009310	rundc3b	RUN domain containing 3b [Source:ZFInAcc.ZDB-GENE-041114-121]	3.571134153	-0.255003663	0.250098678	3.834711097
	ENSRORG000000003438	pp6r11b	protein phosphatase 1 regulatory subunit 1B [Source:NCBI gene:Acc101189557]	3.837517642	1.122826086	0.618911655	3.33048808
	ENSRORG000000003493	SLC6A20	solute carrier family 6 member 20 [Source:HGNC Symbol:Acc:HGNC:30927]	5.723087309	0.334877103	-1.425536612	3.965315962
	ENSRORG000000004982	cd82b	CD82 molecule B [Source:ZFInAcc.ZDB-GENE-030131-2857]	3.952132247	0.956793866	0.35662452	3.364647583
	ENSRORG000000007185	sl-dkcyf.36r.3	sl-dkcyf.36r.3 [Source:ZFInAcc.ZDB-GENE-131127-1]	3.177445789	1.16383363	2.239634314	4.254791158
	ENSRORG000000011370	lam10zbb	family with sequence similarity 10Z, member B, b [Source:ZFInAcc.ZDB-GENE-041014-330]	4.885448606	1.413258711	1.211133012	4.684102059
	ENSRORG000000010630	bcn2b	beta-carotene 15, 15'-dioxygenase 2, like [Source:ZFInAcc.ZDB-GENE-010509-11]	4.579320041	-0.069475705	0.22969674	4.94618804
	ENSRORG000000010376	tz45	-	6.580986999	-1.077740004	-1.648832792	6.10337417
	ENSRORG000000006634	cdn15a	claudin-15 [Source:NCBI gene:Acc101168738]	6.119043155	-1.470014406	-3.901173449	3.688367418
	ENSRORG000000003331	ret4a1a	reticulon 4 receptor-like 1a [Source:ZFInAcc.ZDB-GENE-091118-38]	5.545997489	2.173594081	-0.164074003	3.20881472

	ENSRORG00000007533	-	-	-	-	-	-9.594415625	-1.413278467	-1.225730645	-9.40638314
	ENSRORG000000006629	-	-	-	-	-	-10.016505088	-0.19795933	1.247835586	-8.570370422
	ENSRORG000000012399	slc9a2	solute carrier family 9, subfamily A (NHE3, cation proton antiporter 2), member 2 [Source:ZFInAcc.ZDB-GENE-070912-541]	-	-	-	-3.234932065	-0.226686487	-0.439460279	-3.440738799
	ENSRORG000000009853	-	-	-	-	-	-10.24611422	-0.627980141	-0.125265011	-9.492384078
	ENSRORG000000008845	-	-	-	-	-	-10.155245464	-0.561134137	-0.983681083	-10.57730799
	ENSRORG000000009497	baip21b	BAI1-associated protein 2-like 1b [Source:ZFInAcc.ZDB-GENE-050417-371]	-	-	-	-3.136133634	-0.654428068	-0.590290121	-3.071429761
	ENSRORG000000008843	lpg	lipase G, endothelial type [Source:HGNC Symbol:Acc:HGNC:8623]	-	-	-	-6.126308361	-0.792738871	-1.553469423	-3.779615238
	ENSRORG000000000419	-	Oryza latipes uncharacterized LOC10049343 (LOC10049343), mRNA. [Source:RefSeq mRNA:Acc:NM_0011045737]	-	-	-	-10.08587163	-1.121728874	-1.288004144	-10.25166424
	ENSRORG00000001680	bin1b	bridging integrator 1b [Source:ZFInAcc.ZDB-GENE-030426-1]	-	-	-	-5.265944644	-0.734478777	-0.738447147	-5.271427119
	ENSRORG000000013236	GRMB (1	glutamate metabotropic receptor 8 [Source:HGNC Symbol:Acc:HGNC:4600]	-	-	-	-4.708560902	-1.534551736	-1.163908114	-4.337432331
	ENSRORG000000012249	sich211	Oryza latipes ZPC domain containing protein 1 (LOC10049333), mRNA. [Source:RefSeq mRNA:Acc:NM_001104748]	-	-	-	-10.09207054	-0.17605094	-0.366206796	-10.28247029
	ENSRORG000000011634	-	-	-	-	-	-4.02870594	-0.45106506	-1.829984283	-5.407148912
	ENSRORG000000001875	-	-	-	-	-	-20.43907475	0.606993296	0	-21.04607459
	ENSRORG000000017570	vttn	vertebrate development associated [Source:ZFInAcc.ZDB-GENE-060929-700]	-	-	-	-8.45545938	-0.84221788	-1.178131062	-8.79087887
	ENSRORG000000013331	-	-	-	-	-	-3.553929881	-1.175800287	-1.263372235	-3.639974722
	ENSRORG000000007271	-	uncharacterized LOC101161254 [Source:NCBI gene:Acc101161254]	-	-	-	-9.948759412	-0.157140915	-0.612290722	-10.40347397
	ENSRORG000000015701	frt86	fibrin(ogen) family member 86 [Source:ZFInAcc.ZDB-GENE-060929-108]	-	-	-	-8.19266813	1.586013847	-1.831712809	-12.611511197
	ENSRORG000000010910	-	-	-	-	-	-3.052882675	-0.270863438	-0.841770293	-3.623254373
	ENSRORG000000004414	-	-	-	-	-	-9.43011935	-0.08232142	-0.78519281	-10.13243358
	ENSRORG000000017482	-	-	-	-	-	-9.97538608	-0.175497568	-2.206552433	-12.00595651
	ENSRORG000000003742	-	-	-	-	-	-4.589728119	-0.00836525	0.566329393	-4.023075392
	ENSRORG000000014048	phex	phosphate regulating endopeptidase homolog, X-linked [Source:ZFInAcc.ZDB-GENE-030103-21]	-	-	-	-5.500050322	-0.722688846	-0.476888846	-5.253765325
	ENSRORG000000009603	sl-dkcyf.7	sl-dkcyf.7h12.2 [Source:ZFInAcc.ZDB-GENE-030131-7512]	-	-	-	-4.125876463	-0.628358823	-0.538018296	-4.035023795
	ENSRORG000000013462	-	-	-	-	-	-4.251077514	1.184218529	1.200472052	-4.234392371
	ENSRORG000000016320	zpc-16301	zpc-16301.4 [Source:ZFInAcc.ZDB-GENE-070424-100]	-	-	-	-8.065784949	0.057760316	1.489465031	-6.635386695
	ENSRORG000000004262	olp219-1	oligomeric receptor family H, subfamily 129, member 1 [Source:NCBI gene:Acc107086-19]	-	-	-	-4.989887841	-0.252678288	-1.201549177	-3.53512535
	ENSRORG000000014593	anepcb	alaninyl (membrane) aminopeptidase b [Source:ZFInAcc.ZDB-GENE-030131-1233]	-	-	-	-5.132565337	1.314123057	-0.185338791	-6.631545875
HmO VS WtO HmT VS WtT	6	ENSRORG000000005260	-	-	-	-	-0.400130202	-3.585081279	-6.676083042	-3.490645407
	ENSRORG000000014988	abcc12	ATP-binding cassette, sub-family C (CFTR/MRP), member 12 [Source:ZFInAcc.ZDB-GENE-050517-25]	-	-	-	1.160933398	-4.769157066	-3.442396961	1.587897364
	ENSRORG000000006472	psk2	proprionin convertase subtilisin/kexin type 2 [Source:NCBI gene:Acc10049241]	-	-	-	0.538362419	-3.814218629	-3.201209435	1.20717667
	ENSRORG000000012518	tdsl1	thrombospondin 1 [Source:NCBI gene:Acc101171788]	-	-	-	7.806815748	-4.875598867	-8.800271975	5.882629206
	ENSRORG000000011217	metll1	metalloproteinase 32f [Source:ZFInAcc.ZDB-GENE-050309-40]	-	-	-	6.693780305	-4.17597292	-8.739369737	4.076545446
HmT VS HmO HmT VS WtT	22	ENSRORG000000007164	cdn15a	actin, clone 302-like [Source:NCBI gene:Acc101156021]	-	-	-0.938893586	-0.811237474	-3.166726287	-3.293897556
	ENSRORG000000012552	-	-	-	-	-	3.867797168	3.030956052	-4.227702634	-3.390375485
	ENSRORG000000003500	frem1b								

	ENSRORL00000001941	si.ch211-133q	keratin, type I cytoskeletal 18 [Source:NCBI gene:Acc:101169203]	5.083710674	-0.820399393	-2.117504157	3.787090871
	ENSRORL00000017347	ctsbp	cathespain 8b [Source:ZFIN;Acc.ZDB-GENE-070323-1]	7.245990685	-15.34165433	-6.161384958	16.42676941
	ENSRORL00000014777			5.320272695	2.180165388	0.965025175	4.105626965
	ENSRORL00000008922	tepa	tesolatin a [Source:ZFIN;Acc.ZDB-GENE-040476-2832]	5.418448613	-0.937278821	-1.869921104	4.142735291
	ENSRORL00000008371	RAB3A (1 of m)	RAB3A member RAS oncogene family [Source:HGNC Symbol;Acc.HGNC:9777]	4.549163702	1.131589865	0.222379639	3.641857609
	ENSRORL00000005050	evx1	even-skipped homolog 1 [Source:NCBI gene:Acc:10189314]	5.941006278	0.193742706	-1.937810306	3.21615381
	ENSRORL00000014025	rhr2	thyrotropin releasing hormone receptor 2 [Source:ZFIN;Acc.ZDB-GENE-050419-193]	16.49967603	11.48159764	0.304306433	5.322856333
	ENSRORL00000014934	stbtp4	synatan binding protein 4 [Source:ZFIN;Acc.ZDB-GENE-110420-5]	3.770016851	-0.037746052	0.220375389	4.028625843
	ENSRORL00000010744	S100P	S100 calcium binding protein P [Source:HGNC Symbol;Acc.HGNC:10504]	6.059095975	1.913854099	-0.712197339	3.433492794
	ENSRORL00000001347	dhfr7c	protein NATD1 [Source:NCBI gene:Acc:101165146]	5.503397753	2.186628488	1.25806773	3.425222303
	ENSRORL00000015795	sidkey-246g23	sidkey-246g23 [Source:ZFIN;Acc.ZDB-GENE-050419-100]	3.148539157	1.106303874	1.362375792	3.40507753
	ENSRORL00000004788	oparg1a	peroxisome proliferator-activated receptor gamma, coactivator 1 alpha [Source:ZFIN;Acc.ZDB-GENE-080505-1]	5.857486152	-1.218823043	-3.002275632	4.07451885
	ENSRORL00000001057	ryr1b	ryanodine receptor 1b (skeletal) [Source:ZFIN;Acc.ZDB-GENE-070705-417]	3.060628446	0.30381570	0.91184192	3.66914957
	ENSRORL00000005076	asef	RAS and EF-hand domain containing [Source:ZFIN;Acc.ZDB-GENE-081105-157]	3.657441249	1.495200476	1.872736182	4.035482392
	ENSRORL00000007222	si.ch211-212k	cyclin b1 interacting protein 1 [Source:HGNC Symbol;Acc.HGNC:19437]	4.563558184	0.794161052	1.24473675	5.014619251
	ENSRORL000000015157	SLS (1 of m)	oligomannanase [Source:HGNC Symbol;Acc.HGNC:43311]	3.768283034	0.989037463	0.606452544	3.386182527
	ENSRORL00000002184	inha	inhibin, alpha [Source:ZFIN;Acc.ZDB-GENE-060503-554]	18.66155356	12.94180325	0.466898003	6.187118658
	ENSRORL00000012622	fatp6	fatty acid binding protein 6, ileal (gastrotropin) [Source:ZFIN;Acc.ZDB-GENE-040625-491]	3.293933031	-1.620051972	-1.438934161	3.475535673
	ENSRORL00000015770	upc1	beta-ubiquitin protease 1 [Source:NCBI gene:Acc:101160078]	5.005558595	0.499344079	-1.34876011	3.157932063
	ENSRORL00000015777	spic	Sp1-C transcription factor (Sp1-1/P1) 1 related [Source:ZFIN;Acc.ZDB-GENE-040912-47]	5.353442983	-0.96107441	-0.923710956	5.391238906
	ENSRORL00000005876	eps8b3	EPS8-like 3b [Source:ZFIN;Acc.ZDB-GENE-040426-2]	5.300359556	-0.429308078	-2.594746453	3.130489665
	ENSRORL00000006407			1.917404188	3.300353479	0.984953516	6.68912102
	ENSRORL00000010661	si.ch73-206p6	si.ch73-206p6 1 [Source:ZFIN;Acc.ZDB-GENE-030131-5048]	3.614404009	1.138892235	2.091985434	4.567963006
	ENSRORL00000016173	hes6	Hes3 [Source:NCBI gene:Acc:10049437]	3.667584148	-0.358403533	7.438772489	4.466272804
	ENSRORL00000002963			3.577444912	1.096328605	1.563346692	4.045480075
	ENSRORL00000005683	hfnna	lin 2b mutation factor 4 [Source:ZFIN;Acc.ZDB-GENE-111031-2]	3.824214602	-0.432223967	-1.432223967	4.74700962
	ENSRORL00000016500	cah	phenylalanine hydroxylase [Source:ZFIN;Acc.ZDB-GENE-031006-2]	6.256677088	1.709037809	0.027773239	4.575896099
	ENSRORL00000006249	PPM1L	protein phosphatase, Mg <sup>2+</sup> /Mn <sup>2+</sup> dependent 1L [Source:HGNC Symbol;Acc.HGNC:18381]	4.912037744	2.224567003	1.910817068	4.589773978
	ENSRORL00000003585	cdt3l1p1	proximal tubules-expressed gene protein [Source:NCBI gene:Acc:101163403]	4.860851627	-0.238904495	-4.320956377	5.9256377
	ENSRORL00000017877	agz2	protein jagged 2 [Source:NCBI gene:Acc:101163046]	6.000840028	2.030739392	0.873930319	3.146589802
	ENSRORL00000010913			3.669618127	0.089089998	1.228099012	4.809101955
	ENSRORL00000006000	znf618	zinc finger protein 618 [Source:ZFIN;Acc.ZDB-GENE-030131-2053]	3.813803498	0.824156975	3.40214131	3.303045614
	ENSRORL00000000769			3.630994008	0.509173762	0.188627239	3.310928605
	ENSRORL00000017589	ostp6	oysteroid binding protein-like 6 [Source:ZFIN;Acc.ZDB-GENE-070912-206]	3.922207679	1.251049006	0.492634666	3.164278612
	ENSRORL00000012951	ptpdc1a	protein tyrosine phosphatase domain containing 1a [Source:ZFIN;Acc.ZDB-GENE-070112-632]	3.536629221	0.747058655	0.986177851	3.776238987
	ENSRORL00000004742	aldob	fructose-bisphosphate aldolase B [Source:NCBI gene:Acc:10049273]	5.79557142	0.814688112	-1.830087514	3.151286366
	ENSRORL00000007130	cyp11a2	cytochrome P450, family 11, subfamily A, polypeptide 2 [Source:ZFIN;Acc.ZDB-GENE-130911-1]	4.957579322	3.127808106	1.44421076	3.271676363
	ENSRORL0000001967			8.206844358	2.446241125	-1.744828714	2.48625337
	ENSRORL00000013056	papp2a	pappalysin 2 [Source:ZFIN;Acc.ZDB-GENE-070912-525]	6.038522294	2.676060258	1.358407003	4.721347502
	ENSRORL00000009092	cdh11	catenin (CDC2-related kinase)-like 1 [Source:ZFIN;Acc.ZDB-GENE-040808-34]	5.384012014	1.890678298	0.277815756	3.176134703
	ENSRORL00000016621			4.014070601	-0.293139994	2.416782764	6.724489891
	ENSRORL00000005049	rad	Ras-related associated with diabetes [Source:ZFIN;Acc.ZDB-GENE-030131-5607]	4.047415884	0.09670509	-0.809774426	3.141416695
	ENSRORL00000004882	ftjpa	recombination signal binding protein for immunoglobulin kappa J region a [Source:ZFIN;Acc.ZDB-GENE-031117-1]	3.558026951	0.841710685	0.535034911	3.5183515
	ENSRORL00000009144	msh5	msh5 homolog 5 [Source:ZFIN;Acc.ZDB-GENE-131127-630]	5.854546426	3.988885505	2.66980941	4.535522696
	ENSRORL00000014711			16.72684651	13.30642203	1.211488521	4.632380358
	ENSRORL00000004153	DMRTA1	DMRT like family A1 [Source:HGNC Symbol;Acc.HGNC:13878]	4.83367102	-0.034872655	0.530768072	5.39979695
	ENSRORL00000003999	hxb8	lim homeobox 8b [Source:ZFIN;Acc.ZDB-GENE-081105-1531]	5.775389857	0.911265876	-0.30180799	4.565252034
	ENSRORL00000018833	hnmnpd	heterogeneous nuclear ribonucleoprotein D [Source:ZFIN;Acc.ZDB-GENE-070424-97]	3.1025592	0.973434447	1.55166695	3.681278801
	ENSRORL00000017606			3.694149602	-0.705486172	-0.852644712	3.547475724
	ENSRORL00000007030	shfb1	slingshot protein phosphatase 1b [Source:ZFIN;Acc.ZDB-GENE-030131-5909]	5.288496972	0.068318362	-2.008512617	3.212144812
	ENSRORL00000009208	gad1b	glutamate decarboxylase 1 [Source:NCBI gene:Acc:101168897]	4.76843066	0.874038004	0.874038004	3.76909111
	ENSRORL00000002960	arf5c	ADP-ribosylation factor-like 5C [Source:ZFIN;Acc.ZDB-GENE-040426-186]	4.922840009	0.981730718	1.257825186	5.19941949
	ENSRORL00000002960	arf5c	ADP-ribosylation factor-like 5C [Source:ZFIN;Acc.ZDB-GENE-040426-186]	4.420334066	2.574724366	1.79027596	3.636386446
	ENSRORL00000012296	prp15b	proline rich 15-like b [Source:ZFIN;Acc.ZDB-GENE-050417-201]	3.568146582	0.617051437	-0.030000969	3.31570373
	ENSRORL00000012972	pkfb2a	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 2a [Source:ZFIN;Acc.ZDB-GENE-040426-366]	3.805444613	1.233000116	1.360963815	3.937892501
	ENSRORL00000006042	pygma	glycogen phosphorylase, muscle form [Source:NCBI gene:Acc:101169133]	7.115227007	3.079098298	-0.117102197	3.864893294
	ENSRORL00000000300	si.ch211-239g	ectopic viral integration site 5 [Source:HGNC Symbol;Acc.HGNC:30464]	3.659401963	1.274359137	2.621664704	5.007189931
	ENSRORL00000003016			7.367927126	3.798848539	0.107544714	3.67132432
	ENSRORL00000008889	cdh17	cadherin 17, U cadherin (liver-intestine) [Source:ZFIN;Acc.ZDB-GENE-030910-3]	4.29726792	-0.500214587	-1.11286718	3.685099891
	ENSRORL00000016364	CDKL5 (1 of m)	cyclin dependent kinase like 5 [Source:HGNC Symbol;Acc.HGNC:11411]	3.26207672	-0.706800807	1.156148901	5.124678298
	ENSRORL00000014773	si.ch211-225g	si.ch211-225g 2 [Source:ZFIN;Acc.ZDB-GENE-091204-283]	3.376575066	0.738690816	1.805299424	4.446487373
	ENSRORL0000000897	nfa2a	neurofibromin 2 (merin) [Source:ZFIN;Acc.ZDB-GENE-080722-7]	3.706971513	1.392895145	1.499496044	3.814057232

	ENSRORL00000012498	-	uncharacterized LOC101156019 [Source:NCBI gene:Acc:101156019]	-	-3.421001291	1.193838602	2.991919152	-1.622435767
	ENSRORL00000016956	dnajc17	DnaJ heat shock protein family (Hsp40) member C17 [Source:NCBI gene:Acc:101171293]	-	-3.877991568	-0.331539898	3.714203628	0.18826788
	ENSRORL00000007002	-		-	17.53162735	1.9129487	18.51743305	0.935626688
	ENSRORL00000002314	-		-	-5.482419399	0.7792066	5.494053695	-0.746611732
	ENSRORL00000005034	palpnl1	poly(A) binding protein, nuclear 1-like (cytoplasmic) [Source:ZFIN;Acc.ZDB-GENE-080709-5]	-	-3.781245937	-1.560367859	2.806636255	0.586300988
	ENSRORL00000007402	sm6	LSM6 homolog, U6 small nuclear RNA and mRNA degradation associated [Source:NCBI gene:Acc:101156271]	-	-5.440375745	-0.669178675	4.255132761	-0.515588247
	ENSRORL00000004861	-		-	-4.497950031	-2.301790813	-0.443368673	-2.639043189
	ENSRORL00000009910	cox7c	Cytochrome c oxidase, subunit VIIc [Source:ZFIN;Acc.ZDB-GENE-030313-8062]	-	-3.088687754	1.678752451	5.344233678	0.579278972
	ENSRORL00000004629	bxnd17	thioredoxin domain containing 17 [Source:NCBI gene:Acc:101163188]	-	-4.266105383	2.225371642	5.379858717	-1.1113327
	ENSRORL00000006329	-		-	-5.07325438	-0.106827668	4.283578745	-0.679607708
	ENSRORL00000010961	cdc16	cell division cycle 16 homolog (5 cerevisiae) [Source:ZFIN;Acc.ZDB-GENE-051113-132]	-	-3.211639219	-0.568607895	2.513705037	-0.128795977
	ENSRORL00000007693	-		-	-3.03337667	0.246764117	2.867486157	-0.412169229
	ENSRORL00000013983	tmem18	transmembrane protein 18 [Source:NCBI gene:Acc:101158989]	-	-4.419316808	1.194346852	1.564487672	-1.048667640
	ENSRORL00000002783	polr2k	RNA polymerase I subunit K [Source:NCBI gene:Acc:101167378]	-	-6.641961003	1.93150664	6.088748836	-0.48394168
	ENSRORL00000016404	-		-	-3.533667694	1.049863634	5.077458094	0.844410868
	ENSRORL00000007998	ktl2	KTL2 chromatin associated homolog [Source:ZFIN;Acc.ZDB-GENE-060825-174]	-	-4.674209497	1.132987499	4.571918983	-1.230814909
	ENSRORL00000007176	rad18	RAD18 E3 ubiquitin protein ligase [Source:ZFIN;Acc.ZDB-GENE-040426-745]	-	-3.603209153	-0.0947212	4.293021597	0.7850188
	ENSRORL00000007818	tmem192	transmembrane protein 192 [Source:ZFIN;Acc.ZDB-GENE-040426-2254]	-	-3.541113791	0.428932258	3.307314489	-0.662287493
	ENSRORL00000012689	mtf3	mitochondrial transcription termination factor 3 [Source:ZFIN;Acc.ZDB-GENE-040719-359]	-	-3.799622876	1.168929142	3.999993225	-0.9607345
	ENSRORL00000010947	-		-	-4.40797009	-0.071653883	6.085178245	1.499929731
	ENSRORL00000017050	srp14	signal recognition particle 14 [Source:NCBI gene:Acc:101172543]	-	-3.328029892	1.238000393	2.458586633	-2.106958904
	ENSRORL00000006153	si.ch211-1	chromosome 9 C12orf65 homolog [Source:NCBI gene:Acc:101159678]	-	-4.077542189	1.084750346	4.87480363	-0.28706408
	ENSRORL00000011747	-		-	-5.43861882	-0.432826354	5.085723641	0.038916889
	ENSRORL00000015759	-		-	-4.72947035	0.319353172	2.602944738	1.943424279
	ENSRORL00000008477	-		-	-3.336813929	-1.30321577	0.034232711	-1.998448489
	ENSRORL00000006566	atp13a1	ATPase 13A1 [Source:ZFIN;Acc.ZDB-GENE-040426-2804]	-	-3.48757757	-1.13670		

	ENSRORG0000000062	-	-	3.487234353	-0.446998253	-0.639586149	3.296149535
	ENSRORG0000003401	zhha15	basic helix-loop-helix family, member a15 [Source:ZFIN;Acc:ZDB-GENE-070803-3]	5.164599861	0.851488496	0.243852547	4.557444215
	ENSRORG0000001735	LOX	lysyl oxidase [Source:HGNC Symbol;Acc:HGNC:6664]	7.894489265	3.038647677	-1.052106688	3.804232929
	ENSRORG00000009230	apl3a3	adaptor-related protein complex 1, sigma 3 subunit, a [Source:ZFIN;Acc:ZDB-GENE-050417-222]	4.829129191	-11.84670831	-0.914053683	15.76594389
	ENSRORG0000000389	slca47	serine rich repeat 4, coiled-coil domain containing cotransporter, member 7 [Source:ZFIN;Acc:ZDB-GENE-050417-222]	8.14537328	0.521988302	0.862140799	4.154274036
	ENSRORG00000009145	ahcg2b	ATP-binding cassette, sub-family G (WHITE), member 2b [Source:ZFIN;Acc:ZDB-GENE-050517-36]	4.33908395	-1.206829308	-1.857534924	3.690667332
	ENSRORG00000011364	kctd12.1	potassium channel tetramerization domain containing 12 [Source:NCBI gene;Acc:101161445]	6.314832092	2.420725061	2.032067283	5.926651631
	ENSRORG00000021618	mbnl2	keratin, type I cytoskeletal 13 [Source:NCBI gene;Acc:101159648]	4.72018178	0.099134457	-1.312798635	3.66570001
	ENSRORG00000021780	ND6	NAADH dehydrogenase subunit 6 [Source:NCBI gene;Acc:875426]	4.058187911	0.252550894	-0.709006903	3.097084894
	ENSRORG00000005419	mbnl2	muscleblind-like splicing regulator 2 [Source:ZFIN;Acc:ZDB-GENE-030313-9582]	4.845858249	1.302772434	0.413792925	3.957362823
	ENSRORG00000001544	-	-	4.262076501	1.148768118	0.573263411	3.687056346
	ENSRORG00000010480	syn11c1	cytochrome P450, family 11, subfamily C, polypeptide 1 [Source:ZFIN;Acc:ZDB-GENE-070828-1]	19.6281402	10.50162823	-0.897688316	8.229315388
	ENSRORG00000011966	-	-	15.73800805	11.97938958	0.221908813	3.980544227
	ENSRORG00000001355	-	-	4.713809708	1.815474585	0.93332189	3.832151777
	ENSRORG00000005667	-	-	5.455335951	2.542395447	0.835456998	3.748990301
	ENSRORG000000014951	-	-	3.859894769	0.439661216	2.319510658	5.64028831
	ENSRORG00000005623	czd1.1	CUB and zona pellucida-like domains 1, tandem duplicate 1 [Source:ZFIN;Acc:ZDB-GENE-131122-16]	4.097871618	-13.2230018	-1.631488534	15.68992046
	ENSRORG00000001933	tex11	testis expressed 11 [Source:ZFIN;Acc:ZDB-GENE-140415-11]	5.187895818	1.612997714	2.689077048	6.26444928
	ENSRORG00000001276	fox11	Oryzae latipes forkhead box 11 [fox11] mRNA [Source:RefSeq mRNA;Acc:NM_00160461]	16.5506222	11.65322576	2.075103676	6.972969259
	ENSRORG00000007473	slca2a1b	solute carrier family 2 (facilitated glucose transporter), member 1b [Source:ZFIN;Acc:ZDB-GENE-090915-1]	4.699783725	1.011046403	0.011113444	3.520336524
	ENSRORG00000002518	ctf1	cathenin 1 [Source:NCBI gene;Acc:101117189]	7.806815748	-4.875599867	-6.800213975	5.882629206
	ENSRORG00000009509	sema3e	sema domain, immunoglobulin domain (Ig), short basic domain, secreted (semaphorin) 3E [Source:ZFIN;Acc:ZDB-GENE-030313-7864]	5.835118334	2.613054531	0.669905018	3.892451114
	ENSRORG000000015025	-	-	3.485634941	-0.243537694	-0.363523073	3.36594544
	ENSRORG00000007539	pad2 (1 of 2)	peptidyl arginine deiminase, type II [Source:ZFIN;Acc:ZDB-GENE-031116-67]	3.081228956	-0.941421157	-0.028534727	3.994597902
	ENSRORG000000012126	lhdc8a	ketch domain containing 8A [Source:ZFIN;Acc:ZDB-GENE-120810-3]	5.292763849	1.812343408	0.67878948	4.158782756
	ENSRORG000000010844	lam83b	family with sequence similarity 83, member B [Source:ZFIN;Acc:ZDB-GENE-041114-194]	5.02723335	-0.140783556	-0.343590118	4.824911477
	ENSRORG000000012534	lmtosp2b	leucostemone tissue ospn 2b [Source:ZFIN;Acc:ZDB-GENE-110411-43]	7.015859967	1.631236111	-0.492289801	4.8492819163
	ENSRORG00000003219	-	-	4.793938434	1.866869688	2.772614774	5.700174925
	ENSRORG000000017688	rop11	low density lipoprotein receptor-related protein 11 [Source:ZFIN;Acc:ZDB-GENE-030313-7847]	3.397187434	0.151349141	1.05546703	4.354870364
	ENSRORG00000009344	chyh	phytanoyl-CoA 2-hydroxylase [Source:ZFIN;Acc:ZDB-GENE-050417-36]	4.654069585	1.199669879	-0.211640732	3.24244013
	ENSRORG00000003914	skp2a	SKP2, serine/threonine kinase 2 [Source:NCBI gene;Acc:101162289]	3.878808712	-0.206395088	-1.080887353	3.004802083
	ENSRORG00000000494	hmx2	homeobox protein MSX-2 [Source:NCBI gene;Acc:10089217]	6.404834445	1.598127372	-1.697946293	3.109244883
	ENSRORG000000050591	dwdc1a	DX domain containing 1a [Source:ZFIN;Acc:ZDB-GENE-070921-2]	4.545628933	2.00085875	0.93255712	3.477813413
	ENSRORG000000013216	tnk2a	tyrosine kinase, non-receptor, 2a [Source:ZFIN;Acc:ZDB-GENE-091118-85]	3.684709369	0.051452161	2.090104255	5.123846228
	ENSRORG00000005853	rhd8a	retinol dehydrogenase 8 [Source:NCBI gene;Acc:101157056]	5.366647554	0.073276841	5.726479309	3.18221728
	ENSRORG000000014356	si-ch211-1602	E2F transcription factor 2 [Source:HGNC Symbol;Acc:HGNC:3114]	4.547606297	0.559448472	1.219550186	5.208187682
	ENSRORG000000091928	slca9a2	solute carrier family 9, subfamily A (NHE3, cation proton antiporter 3), member 3, tandem duplicate 2 [Source:ZFIN;Acc:ZDB-GENE-070112-2112]	4.934440409	-1.259139378	-2.99697533	3.197090733
	ENSRORG00000006346	ttf7	tubulin tyrosine ligase-like family, member 7 [Source:ZFIN;Acc:ZDB-GENE-070112-2112]	5.729193371	0.973814362	0.906623731	5.662490206
	ENSRORG000000014098	-	-	3.559643463	1.500809604	1.756912751	3.818231728
	ENSRORG00000007198	kyd6	FXYD domain-containing ion transport regulator 6 [Source:NCBI gene;Acc:101162228]	5.290034332	-0.41630157	1.727119756	4.43934054
	ENSRORG000000017040	cers6	ceramide synthase 6 [Source:NCBI gene;Acc:101156449]	4.385291128	1.780343995	1.74255883	7.48809807
	ENSRORG00000007145	sgl5	SGS1 ubiquitin-like modifier [Source:ZFIN;Acc:ZDB-GENE-021211-1]	6.753144701	0.474437172	-2.94344093	3.335751679
	ENSRORG000000018061	ankrd10b	ankyrin repeat domain 10b [Source:ZFIN;Acc:ZDB-GENE-061013-49]	4.039189829	1.62161377	0.621137824	3.039198755
	ENSRORG00000003469	-	-	5.44184044	1.488216969	0.116675105	4.070785927
	ENSRORG00000004499	rab38b	ras-related protein Rab-38 [Source:NCBI gene;Acc:101171270]	4.80494061	3.17703345	1.426739663	3.055132104
	ENSRORG00000002198	zhrl2	coagulation factor 1 (thrombin) receptor-like 1, tandem duplicate 2 [Source:ZFIN;Acc:ZDB-GENE-070615-24]	3.689016458	1.030846237	1.044128614	3.699882141
HMO VS WTI Hm1 VS WTI	51	entpd3	ectonucleoside triphosphate diphosphohydrolase 3 [Source:ZFIN;Acc:ZDB-GENE-030313-6186]	-1.242679647	3.379546703	4.474189010	-0.147553406
	ENSRORG00000021631	RF00088	small nuclear RNA SNORD30 [Source:NCBI gene;Acc:111946357]	-13.07658181	3.877014117	16.73423106	-0.21807556
	ENSRORG00000003088	-	-	-1.782346886	6.177407831	5.260231237	-2.699035064
	ENSRORG000000010931	qsg13	regulator of G-protein signaling 21 [Source:NCBI gene;Acc:101157397]	-11.87924628	4.383144949	17.18154946	-0.919649957
	ENSRORG000000011894	-	-	-16.02235719	3.206633531	16.28443772	-2.94406294
	ENSRORG00000000877	-	-	1.296137302	4.020825217	3.611503924	0.887300516
	ENSRORG000000021349	RF00581	small nuclear SNORD12/SNORD106 [Source:NCBI gene;Acc:111946100]	0	15.85143234	15.68362107	-0.167338814
	ENSRORG00000006320	CASP1	caspace 1 [Source:HGNC Symbol;Acc:HGNC:1499]	2.462170178	3.063665442	3.509955637	2.908945171
	ENSRORG000000011737	-	-	1.753433532	6.964474839	6.954008949	1.743537322
	ENSRORG000000021768	ATP8	ATP synthase F0 subunit 8 [Source:NCBI gene;Acc:805430]	-1.052353917	4.643563323	4.49559189	-1.19992065
	ENSRORG000000017072	-	-	-14.84577964	4.858686716	17.23187412	-4.269824708
	ENSRORG00000021713	-	-	-0.977761891	3.104907123	-0.90610143	-0.101647504
	ENSRORG000000014848	codc59	coiled-coil domain containing 59 [Source:NCBI gene;Acc:101167836]	-16.54662863	3.555423959	16.59110578	-3.51054622
	ENSRORG000000074466	lrc61	leucine rich repeat containing 61 [Source:ZFIN;Acc:ZDB-GENE-060616-245]	-16.39836761	3.743613292	17.84795623	-2.293536023
	ENSRORG000000013307	-	-	-0.929430527	3.29038638	4.55024202	0.331369448
	ENSRORG00000000892	-	-	-2.958372497	3.898290217	5.930064369	-0.926109597

	ENSRORG00000000351	cop2b	COP signalosome subunit 2 [Source:ZFIN;Acc:ZDB-GENE-040625-15]	-6.387802188	2.366900522	8.973516339	0.712996619
	ENSRORG00000005638	ckc20	Oryzae latipes cell division cycle 20 [cdc20], mRNA [Source:RefSeq mRNA;Acc:NM_0160429]	-5.643613078	0.078390375	4.544630463	-1.17689414
	ENSRORG00000016447	ckc20	Oryzae latipes cell division cycle 20 [cdc20], mRNA [Source:RefSeq mRNA;Acc:NM_0160429]	-4.277219337	-0.013546088	3.869433311	-0.393754729
	ENSRORG00000017696	-	-	-4.172512056	0.135239884	4.598951358	0.343323747
	ENSRORG000000013659	-	-	-4.383684504	0.396696951	1.834092795	-2.925838276
	ENSRORG000000014689	-	-	-3.194680959	-0.354929344	1.499284168	-1.339889998
	ENSRORG00000012401	fetub	fetuin, B-like [Source:NCBI gene;Acc:101158597]	-5.190898953	-2.715881636	0.588582228	-1.886582079
	ENSRORG000000014395	-	-	-5.780202634	0.546199644	6.983986414	0.63997958
	ENSRORG000000013917	top1i	DNA topoisomerase 1 like [Source:ZFIN;Acc:ZDB-GENE-06016-217]	-3.110262018	0.63401922	3.004037755	-0.740241172
	ENSRORG00000007720	kyt1l	kytoid-like tyrosyltransferase 1 [Source:ZFIN;Acc:ZDB-GENE-121054-2]	-3.122871263	-0.60405491	2.852809832	0.33481724
	ENSRORG000000015890	atp9v1e1	V-type proton ATPase subunit E 1 [Source:NCBI gene;Acc:101155846]	-4.556435834	-0.356399597	3.25634304	-0.943208395
	ENSRORG000000012417	-	-	-4.02145638	-0.327597726	1.733619621	-1.959754515
	ENSRORG00000003595	sidney-6l	polyamine-modulated factor 1 [Source:NCBI gene;Acc:101157951]	-3.369578671	1.655239818	6.67678546	1.65241719
	ENSRORG000000009466	-	-	-15.91312378	2.213178008	15.57018154	-2.615629644
	ENSRORG000000009410	rab5f	RAB5 interacting factor [Source:ZFIN;Acc:ZDB-GENE-030313-5928]	-3.269578671	1.991118447	18.34438417	-1.021667583
	ENSRORG00000006027	myop3	myosin binding protein C, cardiac [Source:ZFIN;Acc:ZDB-GENE-070112-2362]	-4.683171147	-1.043484356	5.088716675	-3.005404017
	ENSRORG00000009878	mrps18a	mitochondrial ribosomal protein S18A [Source:ZFIN;Acc:ZDB-GENE-041210-109]	-4.358165368	1.089967861	5.502386954	0.055620227
	ENSRORG00000000978	-	-	-3.336503804	-0.117975964	2.840303074	-0.377692381
	ENSRORG000000011157	-	-	-3.124218139	-0.211939059	1.986371635	-0.925062726
	ENSRORG000000017105	-	-	-3.87583639	-0.629597257	6.104323867	-2.202530587
	ENSRORG000000018095	-	-	-4.097715184	-0.019964941	2.396134444	-1.681141851
	ENSRORG000000017096	-	-	-3.078541521	-0.979563387	1.650307317	4.051814746
	ENSRORG00000003023	sich73-3b	sich73-3b on 15.2 [Source:ZFIN;Acc:ZDB-GENE-090313-16]	-3.063329784	-1.196334331	0.097637277	-1.768872546
	ENSRORG00000013085	dgrp6	Drosophila syndrome critical region gene 6 [Source:ZFIN;Acc:ZDB-GENE-040912-125]	-6.418017847	2.472887565	8.036283882	-0.852234352
	ENSRORG000000005512	-	-	-15.66568789	0.486610083	16.98379591	0.831987963
	ENSRORG000000015913	-	-	-4.708495187	1.187219685	6.339671587	0.444498611
	ENSRORG000000006615	cnob2	cyclin B2 [Source:ZFIN;Acc:ZDB-GENE-030429-12]	-5.151086309	-0.158621867	3.192614207	-1.7999611
	ENSRORG000000014480	clnna4	clnna4 [Source:ZFIN;Acc:ZDB-GENE-030313-4663]	-3.379045445	-0.045697234	0.586193967	-2.33967992
	ENSRORG000000015140	polr2k	polymyrase (PAA) II (DNA directed) polypeptide G-like [Source:ZFIN;Acc:ZDB-GENE-030313-2898]	-4.165346944	1.526296446	6.770132937	1.078973943
	ENSRORG00000004968	hprt1	histone H4 lysine acetyltransferase 1 [Source:ZFIN;Acc:ZDB-GENE-030313-740]	-3.023176391	0.456785752	3.925628495	0.446151348
	ENSRORG000000013500	mrp42	mitochondrial ribosomal protein L42 [Source:ZFIN;Acc:ZDB-GENE-101014-1]	-7.249409004	-0.728804617	5.830011071	-0.689010055
	ENSRORG000000011310	-	-	-3.892837305	-0.203881848	2.00314891	-1.685321573
	ENSRORG00000005927	gsm1	glutathione S-transferase Mu 3 [Source:NCBI gene;Acc:101157367]	-3.196017851	2.406141104	4.088312071	-1.513586077
	ENSRORG00000004408	znhf2	zinc finger, HMT-type containing 2 [Source:ZFIN;Acc:ZDB-GENE-061013-461]	-5.921687441	1.122853541	6.454435355	-0.589618814
	ENSRORG000000010744	zgc:10174	zgc:10174 [Source:ZFIN;Acc:ZDB-GENE-050320-111]	-3.323739008	0.662775507	5.518744464	1.532715012
	ENSRORG00000010809	zgc:10101	chromosome 9 Cborf55 homolog [Source:NCBI gene;Acc:101167131]	-6.045432122	2.1		

		ENSRORG0000015481	-	-	-0.806342283	3.547071895	4.795629699	0.442699995
		ENSRORG0000021776	-	-	-2.154949255	4.260665844	6.619866314	0.204739397
		ENSRORG0000009095	-	-	-1.388232689	4.403817035	4.892224497	-0.899340079
	caoylp7	calyculin binding protein [Source:ZFIN;Acc:ZDB-GENE-040426-2579]	-	-	-5.235665682	3.021109765	5.29597897	-2.960312682
		ENSRORG00000030152	-	-	-12.21090569	3.611493887	17.13063417	1.308622375
		ENSRORG0000003994	-	-	1.444821952	3.051881773	3.449923714	1.843348634
		ENSRORG00000015699	-	-	-1.061322839	4.188981955	3.07223312	-2.177587006
		ENSRORG00000011148	-	-	0.628339602	3.555682248	4.79200102	1.865144269
		ENSRORG00000009944	-	-	-0.606954623	4.026796607	5.359997393	0.726723387
		ENSRORG00000003863	-	-	-4.073374847	4.018943078	8.796888995	0.704067542
		ENSRORG00000021048	-	-	0	18.12980169	15.913046	-2.216283219
	GTF3C6	general transcription factor IIC subunit 6 [Source:HGNC Symbol;Acc:HGNC:20872]	-	-	-14.67936134	4.152949785	17.82787303	-1.003948122
		ENSRORG00000009313	-	-	1.785479871	3.750792787	5.887853982	2.847186967
		ENSRORG00000003933	-	-	1.204092243	3.373452314	3.788256862	1.619392108
	spc25	potassium voltage-gated channel interacting protein 1 [Source:NCBI gene:Acc:101160987]	-	-	-4.60626571	3.838688423	8.95398504	0.50893376
		ENSRORG0000006512	-	-	-3.089447523	3.581472081	6.94478606	0.274346095
		ENSRORG00000000001	-	-	-2.271823582	4.156445042	6.625664582	0.199622849
		ENSRORG00000009806	-	-	-13.36345957	4.31958364	16.72555132	-0.957388017
		ENSRORG00000015296	-	-	13.328212	15.72530261	4.486094824	2.094083823
		ENSRORG00000007415	-	-	0.259829669	3.220825748	3.67333354	0.676821572
		ENSRORG00000002132	-	-	1.521595074	3.865857132	3.245770728	0.901956562
	orf1a-uba	major histocompatibility complex class I-related gene protein-like [Source:NCBI gene:Acc:101168971]	-	-	-1.564177067	3.21869698	6.392736988	1.610348441
	unm_hu7912	un-named hu7912 [Source:ZFIN;Acc:ZDB-GENE-120727-20]	-	-	-3.419694192	3.014230318	6.202387388	-0.231051001
	cocd115	coiled-coil domain containing 115 [Source:ZFIN;Acc:ZDB-GENE-050227-20]	-	-	0.76202122	3.714469241	19.04628249	-0.889717879
		ENSRORG00000001196	-	-	-0.874206887	5.386073913	4.547420882	-0.706043151
	srn1	sulfiredoxin 1 homolog (S. cerevisiae) [Source:NCBI gene:Acc:101194781]	-	-	-15.40635185	3.239792197	16.51479186	-2.130862051
	RF00604	small nucleolar RNA SNORD88 [Source:NCBI gene:Acc:119497489]	-	-	-11.78991261	4.060214326	18.09306758	2.243429445
		ENSRORG00000000970	-	-	-0.734138443	4.141615702	5.487999347	0.61273753
		ENSRORG00000003349	-	-	1.901034479	4.188958909	3.93597866	1.64853963
		ENSRORG00000008884	-	-	-4.432402165	5.468364311	8.544434311	-1.355947069
		ENSRORG00000001626	-	-	0.664873775	4.495232024	3.05430456	-0.775568623
	orf1a-uaa	major histocompatibility complex class I-related gene protein-like [Source:NCBI gene:Acc:101167181]	-	-	-1.918299205	3.269770386	7.019930831	2.232319062
		ENSRORG00000001171	-	-	1.192752806	3.411875709	3.89765572	1.679018328
		ENSRORG00000006453	-	-	0.028539518	4.174879476	4.109223382	-0.036632148
	RF00211	small nucleolar RNA SNORD35 [Source:NCBI gene:Acc:11947881]	-	-	-11.31474184	4.630899991	16.10720911	1.026068986
Hmt VS Hmo	392	ENSRORG000000012419	-	-	-0.512654554	1.747292241	6.18996395	3.910145991
Hmt VS WTT		ENSRORG000000021702	-	-	0.909046702	2.051825462	8.07917982	4.838242424
		ENSRORG000000015179	-	-	4.22662672	-0.04827848	7.93419557	12.20956663
		ENSRORG00000004816	-	-	13.28079331	9.42729189	3.873241558	7.72679897
		ENSRORG000000009290	-	-	2.07832775	1.422564727	3.972724945	4.628976954
		ENSRORG000000010366	-	-	0.527604863	1.93054682	5.032492788	3.630033558
		ENSRORG00000004877	-	-	3.628686887	2.752265144	3.378099766	4.254836618
		ENSRORG000000013010	-	-	14.24920606	0	5.282249312	15.53194684
		ENSRORG000000011998	-	-	0	13.4854545	17.5689976	0.084006253
	gap44	glycerol-3-phosphate acyltransferase 4 [Source:ZFIN;Acc:ZDB-GENE-060421-5102]	-	-	9.148146059	11.83590829	6.789182009	4.10182855
		ENSRORG000000013996	-	-	-0.557052574	2.436576954	7.01656692	0.023412354
		ENSRORG000000021715	-	-	6.371728808	5.016762925	3.5679351	4.933768307
		ENSRORG000000018224	-	-	-11.57894343	0.709664706	17.08147137	1.573358874
		ENSRORG000000016495	-	-	2.893506677	-0.474237298	3.111021432	6.479324136
		ENSRORG000000060011	-	-	12.32661206	12.58738374	5.177099051	4.916792792
		ENSRORG00000009619	-	-	12.53699751	9.988485877	4.039518703	6.58849374
		ENSRORG000000018005	-	-	-10.8541256	-10.85409918	17.22527296	17.22527296
		ENSRORG000000011276	-	-	0.063635329	4.043127334	4.006090809	3.667083962
		ENSRORG000000021667	-	-	2.772094905	1.904247876	3.584267326	4.451829641
		ENSRORG00000008793	-	-	2.122780435	-0.647742961	5.739143971	8.510149393
		ENSRORG00000002394	-	-	3.710128764	1.145455472	4.12196445	6.687126581
		ENSRORG000000016632	-	-	11.3011532	10.38786655	5.364104316	6.277496878
		ENSRORG00000004631	-	-	2.433052175	2.667351958	3.67589635	3.656977244
		ENSRORG000000012774	-	-	1.378601347	-0.356267149	3.289776908	5.025130434
	14-dayey-33m11	collagen, type XIV, alpha 1a [Source:ZFIN;Acc:ZDB-GENE-030131-9889]	-	-	11.27495465	9.620568083	4.340158036	5.995017365
		ENSRORG000000021588	-	-	14.50988627	12.03865497	3.368410222	18.288099596
		ENSRORG00000004573	-	-	15.25729797	11.22037228	4.753488106	8.790851252
		ENSRORG00000007334	-	-	17.9229871	0	6.012420354	17.8551777
		ENSRORG00000002968	-	-	1.76971154	-0.898868076	8.217195444	8.395130234
		ENSRORG000000013376	-	-	5.065498319	2.163892019	5.04759665	8.607738106
		ENSRORG000000018218	-	-	0	13.35918538	18.65819572	5.299482419

		ENSRORG000000003440	-	-	-	-	-	-
	h3gat1a	beta-1,3-galactosyltransferase 1-like [Source:NCBI gene:Acc:101163306]	-	-	-4.047115466	-	-2.771233406	-0.079456344
	smyd2a	N1-lysine methyltransferase SMYD2-A [Source:NCBI gene:Acc:101159335]	-	-	-3.747684031	-0.231733961	-1.30130033	-1.602471816
	erc1c1	excision repair cross-complementation group 1 [Source:ZFIN;Acc:ZDB-GENE-040426-2886]	-	-	-5.055928166	1.11616255	6.547252072	0.375636256
	kmt5ab	lysine methyltransferase 5Ab [Source:ZFIN;Acc:ZDB-GENE-071004-17]	-	-	-3.56801145	1.184172592	3.783235261	0.968841712
	arf16	ADP ribosylation factor like GTPase 16 [Source:NCBI gene:Acc:101166136]	-	-	-6.155613057	1.022119197	7.729515241	0.521193257
		ENSRORG00000000692	-	-	-3.38313368	-0.182368948	3.269592478	0.114500301
	tusc3	tumor suppressor candidate 3 [Source:NCBI gene:Acc:101168184]	-	-	-3.317643446	0.515056163	4.600234194	1.688017248
	nabp1a	nucleic acid binding protein 1a [Source:ZFIN;Acc:ZDB-GENE-041212-71]	-	-	-3.025645669	0.282236033	1.882898568	-1.424498239
	zhnf16	zinc finger HT-type containing 6 [Source:ZFIN;Acc:ZDB-GENE-114011-39]	-	-	-3.756801151	1.276984166	4.481324871	-0.551974872
		ENSRORG000000010767	-	-	-4.31821137	-0.067847448	3.625310876	0.624567401
	elf3b	eukaryotic translation initiation factor 3 subunit B [Source:ZFIN;Acc:ZDB-GENE-040426-2900]	-	-	-3.865652526	0.895456973	4.91915607	1.58441399
		ENSRORG00000006244	-	-	-4.588420394	-0.46817732	3.094869037	-1.980280502
		ENSRORG00000005127	-	-	-3.194443845	-0.987319528	4.245453985	1.219413106
	ube2g1a	ubiquitin-conjugating enzyme E2G 1a (UBC7 homolog, yeast) [Source:ZFIN;Acc:ZDB-GENE-030131-6065]	-	-	-4.380632997	0.893341051	6.98719432	1.713705381
		ENSRORG00000009852	-	-	-4.573438823	-2.270533046	-4.399745037	-3.99745037
		ENSRORG00000005286	-	-	-3.283506546	0.086447739	3.323038301	-0.060281242
	pnsen	presenilin enhancer, gamma-secretase subunit [Source:NCBI gene:Acc:101173167]	-	-	-8.341491795	0.920383839	8.666769667	-0.950460969
		ENSRORG000000009347	-	-	-3.781726874	0.769487901	5.414813787	0.883438583
	npm3	nucleophosmin/nucleoplasmin 3 [Source:NCBI gene:Acc:101163269]	-	-	-3.50973579	0.893547197	6.98443797	-1.705324453
		ENSRORG00000006615	-	-	-4.148130895	0.752669564	4.876582865	-0.023732751
	aurka	aurora kinase A [Source:ZFIN;Acc:ZDB-GENE-040801-181]	-	-	-3.289304705	-0.016887184	2.721855844	-0.59076732
	tmem167	transmembrane protein 167A [Source:ZFIN;Acc:ZDB-GENE-050302-29]	-	-	-3.032399356	0.41382787	1.918067532	-1.527674976
		ENSRORG00000008817	-	-	-3.154102839	1.838482022	6.451401847	1.487302767
	nop2	NOP2 nuclear protein homolog (yeast) [Source:ZFIN;Acc:ZDB-GENE-050309-7]	-	-	-3.721204647	-0.740716147	2.43124241	-0.548761208
	UBL5	ubiquitin like 5 [Source:HGNC Symbol;Acc:HGNC:13736]	-	-	-4.788578985	1.229220539	6.312674627	0.295362337
		ENSRORG00000008064	-	-	-4.786585085	0.09291534	5.482441514	0.583423657
	ptgessb	prostaglandin E synthase 3b (cytosolic) [Source:ZFIN;Acc:ZDB-GENE-040625-144]	-	-	-3.071196665	1.112232069	6.233572455	-2.05062897
	MME	membrane metalloendopeptidase [Source:HGNC Symbol;Acc:HGNC:7154]	-	-	-6.419057143	-0.395196817	3.027981449	-2.96593939
		ENSRORG00000003007	-	-	-3.16648634	-0.02803749	3.578408885	0.432328082
		ENSRORG00000002486	-	-	-4.418013045	1.447528228	5.584076242	-0.28035709
		ENSRORG00000009714	-	-	-3.315470002	-0.460393384	3.717788804	0.11682157
	tmem53	transmembrane protein 53 [Source:ZFIN;Acc:ZDB-GENE-040718-384]	-	-	-3.016931142	-0.683793702	-0.151927077	-2.84580614
	mrps10	mitochondrial ribosomal protein S10 [Source:ZFIN;Acc:ZDB-GENE-040914-39]	-	-	-3.887028886	0.730902918	5.01204185	0.394553458
	tmr2b	tRNA methyltransferase 2 homolog B [Source:ZFIN;Acc:ZDB-GENE-050809-101]	-	-	-3.249697407	-1.125525722	2.861635257	0.379747288
	copz1	coatamer protein complex, subunit zeta 1 [Source:ZFIN;Acc:ZDB-GENE-000506-6]	-	-	-4.194849474	2.162972275	6.735595167	0.37821767
	pozf2	POU class 6 homeobox 2 [Source:ZFIN;Acc:ZDB-GENE-091118-71]	-	-	-3.09688021	1.012665979	8.09293738	-2.401627912
	atn3	atenin 3 [Source:ZFIN;Acc:ZDB-GENE-040426-883]	-	-	-16.82320635	1.371930638	17.58628286	-0.9642783
		ENSRORG00000005233	-	-	-3.273974386	0.188362397	1.060598852	-2.401253114
		ENSRORG000000017861	-	-	-3.463524741	0.458290401	2.261355559	-1.659974534
	ftsj3	FtsJ RNA methyltransferase homolog 3 [Source:NCBI gene:Acc:101158684]	-	-	-3.018091879	-0.477951317	2.471790335	-0.067865267
	ndufa3	NADH dehydrogenase (ubiquinone) alpha subcomplex 3 [Source:ZFIN;Acc:ZDB-GENE-040801-18]	-	-	-18.58421079	1.293797517	20.3074438	1.03274438
		ENSRORG00000005051	-	-	-17.40994247	-0.251423144	16.14373934	-1.014289865
	dnlz	DNL-type zinc finger [Source:ZFIN;Acc:ZDB-GENE-071012-5]	-	-	-			

	ENSRLO00000017885	HS3ST5	heparan sulfate-glucosaminase 3-sulfotransferase 5 [Source:NCBI gene:Acc:101165781]	-0.205203017	-0.970475533	3.205907855	3.971666102
	ENSRLO00000010320	-	-	0	0	18.09281071	18.0930748
	ENSRLO00000017411	-	-	2.596993132	0.289789538	6.06737962	8.374916419
	ENSRLO00000026364	zpc-17z282	zpc-17z282 [Source:ZFIN:Acc:ZDB-GENE-080219-38]	2.331807233	4.474749647	3.272188523	3.272188523
	ENSRLO00000019377	zpc-17z282	zpc-17z282 [Source:ZFIN:Acc:ZDB-GENE-080219-38]	2.304262434	3.078602231	5.85074882	5.85074882
	ENSRLO00000020942	Rf00001	5S ribosomal RNA [Source:NCBI gene:Acc:111947244]	14.42437102	12.08932799	3.060327799	5.396835921
	ENSRLO00000006868	stk33	serine/threonine kinase 33 [Source:ZFIN:Acc:ZDB-GENE-040724-242]	4.34787119	1.825773898	4.842255172	7.364835738
	ENSRLO00000008074	-	-	-13.00279744	0.09876067	16.21216463	3.111091168
	ENSRLO00000016437	ttc8	tetratricopeptide repeat domain 8 [Source:NCBI gene:Acc:101163700]	1.061816025	-0.065011099	4.673568735	5.800886945
	ENSRLO00000005686	si:dkeyp-69c1	uncharacterized LOC101171185 [Source:NCBI gene:Acc:101171185]	-10.71192504	2.016112569	16.49709076	15.5125289
	ENSRLO00000010416	-	-	-10.41914909	0.221178694	15.66894127	5.028693752
	ENSRLO00000003306	-	-	10.57088988	12.95452895	5.43252687	3.049361003
	ENSRLO00000002494	ph1d3	PH1 domain containing 3 [Source:ZFIN:Acc:ZDB-GENE-040722-21]	2.527502778	1.124819709	7.53921956	8.9423878
	ENSRLO00000009441	cdc	Oryzopsis latipes phosphatase (cdc) mRNA [Source:RefSeq mRNA:Acc:NM_001177855]	11.18341208	11.23521247	5.048675104	4.997341347
	ENSRLO00000010614	dnajb6b	DnaJ (Hsp40) homolog, subfamily B, member 6b [Source:ZFIN:Acc:ZDB-GENE-040426-1122]	-0.977250891	-0.330962859	3.958835443	3.314032361
	ENSRLO00000015607	-	-	1.332345169	1.379418227	3.619524561	3.573936349
	ENSRLO00000012879	-	-	1.605294752	0.392928622	3.602043695	4.18389494
	ENSRLO00000017596	-	-	0	8.931978467	17.61890337	8.685392091
	ENSRLO00000010747	-	-	-9.031080857	-0.369860348	18.99861101	10.29611483
	ENSRLO00000006156	tht1b	ferritin, heavy polypeptide 1b [Source:ZFIN:Acc:ZDB-GENE-040912-30]	-0.997126765	-0.535664091	3.850820567	3.98984278
	ENSRLO00000011321	AKR1D1	3-oxo-5-beta-steroid 4-dehydrogenase [Source:NCBI gene:Acc:101107970]	3.348479508	0.3301133678	4.300110463	4.331346173
	ENSRLO00000017175	cdc173	coiled-coil domain containing 173 [Source:ZFIN:Acc:ZDB-GENE-0811104-457]	-1.085816545	0.315382597	8.484092298	7.083379121
	ENSRLO00000009146	tescb	tescalin b [Source:ZFIN:Acc:ZDB-GENE-040426-1903]	-0.061072886	4.05813458	9.15110751	9.03240548
	ENSRLO00000004550	-	-	-13.55200259	1.98200398	19.60596858	4.072452513
	ENSRLO00000000175	-	-	-	-	-	-
	ENSRLO000000016751	CCDC148	coiled-coil domain containing 148 [Source:HGNC Symbol:Acc:HGNC:25191]	6.161049669	3.478708783	3.065705765	5.50839439
	ENSRLO00000010354	amibp	alpha-3-microglobulin/fetuin precursor [Source:ZFIN:Acc:ZDB-GENE-040426-1608]	-0.591126349	-0.516264281	3.315803841	3.241427344
	ENSRLO00000018066	gpr135	G protein-coupled receptor 135 [Source:ZFIN:Acc:ZDB-GENE-080429-3]	2.048964676	0.412981713	4.925746366	6.562212587
	ENSRLO00000009821	dnah12	dyx1c1, axonemal, heavy chain 12 [Source:ZFIN:Acc:ZDB-GENE-090311-9]	3.572128796	3.421684194	6.456386173	6.275052524
	ENSRLO00000006276	mapk10	mitogen-activated protein kinase 10 [Source:ZFIN:Acc:ZDB-GENE-051120-117]	1.967960372	-11.11969336	3.06108348	16.14924182
	ENSRLO00000015987	zmp00000010	zmp0000001088 [Source:ZFIN:Acc:ZDB-GENE-140106-48]	12.55072755	11.11557692	3.20442438	4.64004998
	ENSRLO00000011890	si:dkey-84k17	dyx1c1, axonemal light chain 1 [Source:HGNC Symbol:Acc:HGNC:23247]	-13.03710763	2.405196377	2.207857167	4.836757343
	ENSRLO00000015927	-	-	0.785201418	0.731137788	3.892178929	3.371730979
	ENSRLO00000010740	wtf60	WD repeat domain 60 [Source:ZFIN:Acc:ZDB-GENE-140821-1]	-0.289575124	0.097298665	4.207971712	3.84158235
	ENSRLO00000007564	arf5a	activating transcription factor 5a [Source:ZFIN:Acc:ZDB-GENE-060526-205]	14.48636242	12.76468502	3.818409233	5.540553603
	ENSRLO00000006573	lrca6	leucine rich repeat containing 6 [Source:ZFIN:Acc:ZDB-GENE-040927-2]	-0.781051192	-1.239409177	3.764444057	4.223292524
	ENSRLO00000010523	ztc38	zebrafish testis-expressed 38 [Source:ZFIN:Acc:ZDB-GENE-060312-39]	-0.690764072	0.10570803	5.679307519	4.88332018
	ENSRLO00000012847	phactr3	phosphatase and actin regulator 3 [Source:ZFIN:Acc:ZDB-GENE-101230-3]	-0.527139836	-1.214144637	3.47794989	4.165439657
	ENSRLO00000005723	ano3	anion channel 3 [Source:ZFIN:Acc:ZDB-GENE-111031-3]	12.93519084	9.334250935	3.211071499	8.612480329
	ENSRLO00000009611	TEK1	tekin 1 [Source:HGNC Symbol:Acc:HGNC:15534]	3.664374238	1.178479027	6.47617255	8.962556042
	ENSRLO00000018866	tmem67	transmembrane protein 67 [Source:NCBI gene:Acc:101188892]	0.568471834	-0.268252095	3.145351361	3.982532918
	ENSRLO00000008841	IT22	intraflagellar transport 22 [Source:HGNC Symbol:Acc:HGNC:21895]	-1.719087004	-0.702350972	4.78497387	3.768722877
	ENSRLO00000017728	IFT22	intraflagellar transport 22 [Source:HGNC Symbol:Acc:HGNC:21895]	-0.738742007	0.990135073	4.809380336	3.080646357
	ENSRLO00000001813	catp7b	calcium binding protein 7b [Source:ZFIN:Acc:ZDB-GENE-060526-566]	0.049230482	-0.364151994	5.87966012	6.293259842
	ENSRLO00000016001	-	-	0	12.50391019	16.31295597	3.809517569
	ENSRLO00000009209	-	-	1.330234374	-0.218290368	3.336068541	4.885096067
	ENSRLO00000011498	-	-	2.173898018	2.275432463	4.880094518	4.779043935
	ENSRLO00000015513	ARL2BP	ADP ribosylation factor like GTPase 2 binding protein [Source:HGNC Symbol:Acc:HGNC:17146]	-2.46199679	1.529757335	7.331563827	3.340294496
	ENSRLO00000009053	dnajb13	DnaJ (Hsp40) homolog, subfamily B, member 13 [Source:ZFIN:Acc:ZDB-GENE-040910-4]	3.272603099	-0.170593156	7.531778077	10.19545578
	ENSRLO00000011540	-	-	-0.188581318	-1.29297636	3.843049277	4.949928482
	ENSRLO00000011581	dotk3	doublecortin-like kinase 3 [Source:ZFIN:Acc:ZDB-GENE-081104-224]	5.097075431	2.930037889	4.158241839	6.328806074
	ENSRLO00000014287	-	-	11.28463905	12.58543909	9.399375009	8.099042577
	ENSRLO000000005425	zlf131a	zona pellucida-like domain containing 1a [Source:ZFIN:Acc:ZDB-GENE-110411-91]	0	0	15.84372996	15.84422689
	ENSRLO00000011164	catip	catipogenesis associated TTC17 interacting protein [Source:ZFIN:Acc:ZDB-GENE-060929-1170]	-1.184216919	-0.780239882	6.283198251	6.260101324
	ENSRLO00000012825	-	-	-2.615902268	-0.879282988	7.086329628	3.571627075
	ENSRLO00000015767	myhpc1	myosin binding protein C, slow type [Source:ZFIN:Acc:ZDB-GENE-041114-196]	2.683929776	1.490600429	3.964171028	5.157995541
	ENSRLO00000006960	-	-	-15.10488888	-1.520889567	19.51836042	5.934772018
	ENSRLO00000006843	dnaaf3	dyx1c1, axonemal, assembly factor 3 like [Source:ZFIN:Acc:ZDB-GENE-150903-1]	2.854905107	0.776927426	5.67951415	7.75797041
	ENSRLO00000013148	cfap45	cilia and flagella associated protein 45 [Source:ZFIN:Acc:ZDB-GENE-070209-143]	6.761735121	3.4197195	4.374056678	8.715666678
	ENSRLO00000013420	ncs1a	neuronal calcium sensor 1 [Source:NCBI gene:Acc:101160077]	-0.511859436	0.248256482	4.778018725	4.018386235
	ENSRLO00000004477	SLCO1C1	solute carrier organic anion transporter family member 1C1 [Source:HGNC Symbol:Acc:HGNC:13819]	-1.468433907	-1.02066089	4.479611808	4.032322815
	ENSRLO00000015571	-	-	1.064816157	-0.124818003	-3.44144271	4.621563415
	ENSRLO00000012056	cfap300	cilia and flagella associated protein 300 [Source:ZFIN:Acc:ZDB-GENE-040724-203]	-0.867963602	0.228289221	6.724650547	5.628882267
	ENSRLO00000014775	prfakab	protein kinase, cAMP-dependent, gamma1c, alpha genome duplicate b [Source:ZFIN:Acc:ZDB-GENE-040801-208]	-0.544298953	0.977914233	4.966341409	3.444613186

	ENSRLO00000009047	-	-	-	-	-	-
	ENSRLO000000050528	trappc2	trafficking protein particle complex 2 like [Source:NCBI gene:Acc:10117414]	-3.700568845	-0.038535956	8.12628022	4.464732001
	ENSRLO00000014793	-	-	-3.930077748	2.182517268	7.670198176	1.484857481
	ENSRLO00000014295	-	-	3.002115426	0.108692828	4.277583127	1.166262065
	ENSRLO00000008081	-	-	3.34993044	-0.8889308	4.41039849	1.95397429
	ENSRLO00000006166	elc5	elongator complex subunit 5 [Source:ZFIN:Acc:ZDB-GENE-061215-33]	-4.97180688	0.902705573	5.85074882	0.02178598
	ENSRLO00000003718	tusc2a	tumor suppressor 2, mitochondrial calcium regulator [Source:NCBI gene:Acc:101169352]	-3.584942537	-0.535509032	4.066739836	1.017791611
	ENSRLO00000008147	cdc115	coiled-coil domain containing 115 [Source:ZFIN:Acc:ZDB-GENE-050227-20]	-16.76202122	3.174469241	19.04628249	-0.889717879
	ENSRLO00000015816	-	-	-3.30876681	-0.018649357	4.548293538	2.58659751
	ENSRLO00000009179	fuom	fucoxanthin biosynthetic pathway protein 1 [Source:ZFIN:Acc:ZDB-GENE-04101170455]	-16.57850375	-0.607762923	17.91127869	1.941028022
	ENSRLO000000006166	elc5	elongator complex subunit 5 [Source:ZFIN:Acc:ZDB-GENE-061215-33]	-4.662021904	0.253598502	4.622404292	-0.292731319
	ENSRLO00000017293	mett1b	methyltransferase like 8 [Source:ZFIN:Acc:ZDB-GENE-041114-16]	-16.26336421	2.295508185	17.051812457	-1.50655703
	ENSRLO00000012568	myk4b	myosin light chain kinase family, member 4b [Source:ZFIN:Acc:ZDB-GENE-041001-128]	-15.76912629	-2.990799513	11.59350784	-1.184239176
	ENSRLO00000003200	atpaf2	ATP synthase mitochondrial F1 complex assembly factor 2 [Source:NCBI gene:Acc:101173128]	-3.059820767	0.461675223	3.69629266	1.175201680
	ENSRLO00000008912	ap2s1	ap2-related protein complex 2, sigma 1 subunit [Source:ZFIN:Acc:ZDB-GENE-040426-2174]	-3.848475918	1.293852013	-3.848475918	0.984017851
	ENSRLO00000011191	hirp3	HIRA interacting protein 3 [Source:ZFIN:Acc:ZDB-GENE-050131-5753]	-4.539177179	0.539036011	5.170444298	0.09271541
	ENSRLO00000015648	arfgap1	ADP-ribosylation factor GTPase activating protein 1 [Source:ZFIN:Acc:ZDB-GENE-041114-130]	-3.142152558	0.889863614	4.983862614	0.982317553
	ENSRLO00000013371	mana	mannanase, endo-alpha [Source:ZFIN:Acc:ZDB-GENE-040912-87]	-3.012392715	-0.545907789	1.377663946	-1.08833604
	ENSRLO00000003357	-	-	-3.921235809	0.9735476	3.96876611	0.92551395
	ENSRLO00000008281	lyar	lysine antibody reactive [Source:NCBI gene:Acc:101172807]	-4.08789308	1.120770616	5.507279974	0.299110984
	ENSRLO00000013816	dup12	dual specificity phosphatase 12 [Source:NCBI gene:Acc:101155145]	-3.058199644	-0.113822464	-0.113822464	-2.931403009
	ENSRLO00000015648	arfgap1	ADP-ribosylation factor GTPase activating protein 1 [Source:ZFIN:Acc:ZDB-GENE-041114-130]	-3.142152558	0.889863614	4.983862614	0.982317553
	ENSRLO00000013371	mana	mannanase, endo-alpha [Source:ZFIN:Acc:ZDB-GENE-040912-87]	-3.012392715	-0.545907789	1.377663946	-1.08833604
	ENSRLO00000003357	-	-	-3.921235809	0.9735476	3.96876611	0.92551395
	ENSRLO00000008281	lyar	lysine antibody reactive [Source:NCBI gene:Acc:101172807]	-4.08789308	1.120770616	5.507279974	0.299110984
	ENSRLO00000013816	dup12	dual specificity phosphatase 12 [Source:NCBI gene:Acc:101155145]	-3.058199644	-0.113822464	-0.113822464	-2.931403009
	ENSRLO00000015648	arfgap1	ADP-ribosylation factor GTPase activating protein 1 [Source:ZFIN:Acc:ZDB-GENE-041114-130]	-3.142152558	0.889863614	4.983862614	0.982317553
	ENSRLO00000013371	mana	mannanase, endo-alpha [Source:ZFIN:Acc:ZDB-GENE-				

		ENSORLG0000009503	-	-	-2.237513787	-0.896117581	4.830313442	3.489401996	
		ENSORLG0000004150	catp2a	calcium-binding protein 2 [Source:NCBI gene:Acc:101165211]	10.56470207	12.40596844	6.141588188	4.300765075	
		ENSORLG0000007169	hexa5	hexosaminidase A (alpha polypeptide) [Source:ZFIN:Acc:ZDB-GENE-059417-283]	-0.45167883	0.17304801	5.668742015	5.04413318	
		ENSORLG0000000762	ccdk6b5	coiled-coil domain containing 65 [Source:ZFIN:Acc:ZDB-GENE-030616-358]	1.914341502	-0.67823262	3.97924405	6.570893155	
		ENSORLG00000012644	-	-	4.361760153	5.531543014	4.631167949	3.461876094	
		ENSORLG00000014813	-	-	-1.489975464	-0.098557235	5.361121493	3.970187928	
		ENSORLG0000000675	-	-	1.810954032	2.178252108	5.413221575	5.048607253	
		ENSORLG00000011965	-	-	0	11.03365013	16.77118122	5.73800224	
		ENSORLG00000009682	-	-	-0.388978366	0.133677221	3.589717221	3.067546464	
		ENSORLG00000004848	dazl	deleted in azoospermia like [Source:NCBI gene:Acc:100049418]	0.923292128	0.824423145	4.432967912	4.532321532	
		ENSORLG00000012338	mcrp1	MAPK regulated co-repressor interacting protein 1 [Source:NCBI gene:Acc:101162213]	-0.548902445	0.376796059	4.222683477	3.297469921	
		ENSORLG00000011618	katna1	katanin p60 ATPase-containing subunit A-like 1 [Source:NCBI gene:Acc:101163120]	-0.696709505	-0.493743665	3.567735527	3.365254701	
		ENSORLG00000000163	-	-	-1.699507572	-0.193518052	4.812329654	3.30682597	
		ENSORLG00000012598	bxd1	B9 domain containing 1 [Source:NCBI gene:Acc:101164080]	-1.894169991	-0.174113646	5.577536305	3.857964734	
		ENSORLG00000009732	-	-	-9.734591084	-9.73457415	19.04065055	19.04114727	
		ENSORLG00000007125	armcd9	armadillo repeat containing 9 [Source:ZFIN:Acc:ZDB-GENE-100922-67]	0.411124829	0.513900629	4.54656476	4.257256669	
		ENSORLG00000002854	rab30	RAB30, member RAS oncogene family [Source:NCBI gene:Acc:101172181]	1.615922746	1.090564247	3.257573295	3.783416601	
		ENSORLG00000003841	catp2b	calcium binding protein 2b [Source:ZFIN:Acc:ZDB-GENE-081028-55]	11.14984871	0	5.238864586	16.39920446	
		ENSORLG00000017033	stk39	serine threonine kinase 39 [Source:ZFIN:Acc:ZDB-GENE-145108-194]	1.412066537	1.311906668	3.801295267	3.301885661	
		ENSORLG00000013913	-	-	3.230835514	2.005233288	3.783414643	5.009480186	
		ENSORLG00000003818	nchp1	nephrocytin 1 [Source:NCBI gene:Acc:101156350]	0.569756463	-0.073584333	4.251103397	4.894928863	
		ENSORLG00000010878	WDR63	WD repeat domain 63 [Source:HGNC Symbol:Acc:HGNC:30711]	2.616089379	0.690664333	4.06758275	9.99493791	
		ENSORLG00000003775	ZMYND10	zinc finger MYND-type containing 10 [Source:HGNC Symbol:Acc:HGNC:19412]	13.43180706	11.88016128	7.889764012	11.48718274	
		ENSORLG00000013908	-	-	-1.023313518	1.277926787	3.763986893	3.509839244	
		ENSORLG00000005063	arf6	ADP-ribosylation factor-like 6 [Source:ZFIN:Acc:ZDB-GENE-041219-2]	-4.470493051	2.164608636	9.744506108	3.109893772	
		ENSORLG00000014143	-	-	-1.27216492	-1.144138645	5.674279307	5.546737828	
		ENSORLG00000013903	cer54b	ceramide synthase 2 [Source:NCBI gene:Acc:101155637]	1.093618747	1.409941709	3.992596448	3.676758138	
		ENSORLG00000007661	ARF3	ADP ribosylation factor 3 [Source:HGNC Symbol:Acc:HGNC:654]	1.570673618	-1.01797512	3.660589555	6.249718022	
		ENSORLG00000000671	-	-	2.469676431	0.821128809	3.296485532	4.945518033	
		ENSORLG00000017151	klh41a	kelch like family member 41 [Source:NCBI gene:Acc:101157898]	10.16239133	10.31865578	6.547190506	6.3914001	
		ENSORLG00000006974	-	-	0	12.72181139	16.79703759	4.078989447	
		ENSORLG00000003967	-	-	-0.329260874	0.399170834	4.236280974	3.314464230	
		ENSORLG00000006769	-	-	-12.64601468	0.68907767	16.3879417	3.236494548	
		ENSORLG00000004806	-	-	-11.26436457	-0.062684497	19.8780021	1.65689024	
		ENSORLG00000007387	ppp1r2	protein phosphatase 1 regulatory inhibitor subunit 2 [Source:NCBI gene:Acc:101161720]	0.574339862	0.50433153	3.371660441	3.442170305	
		ENSORLG00000006609	lfnc2	Fanconi anemia complementation group E [Source:ZFIN:Acc:ZDB-GENE-060510-5]	-1.74809811	-0.481354011	4.470088331	3.203829213	
		ENSORLG00000009216	nmr2	N-myristoyltransferase 2 [Source:ZFIN:Acc:ZDB-GENE-090131-717]	-1.816396806	0.27095662	5.331704562	6.428482262	
		ENSORLG00000010328	-	-	2.811055991	2.284339108	7.406893306	7.934198044	
		ENSORLG00000007266	zpc194655	NEDD8 [Source:NCBI gene:Acc:101170466]	1.68716378	2.667445419	7.827632897	6.847835693	
		ENSORLG00000009723	dlnc1	deleted in lung and esophageal cancer 1 [Source:ZFIN:Acc:ZDB-GENE-091204-65]	14.35695259	12.11745155	4.49115924	6.771125549	
		ENSORLG00000011128	irc5c1	leucine rich repeat containing 51 [Source:ZFIN:Acc:ZDB-GENE-060929-962]	13.81355275	0	7.551810817	21.36585537	
		ENSORLG00000009314	top1	DNA topoisomerase 1 [Source:NCBI gene:Acc:101160729]	3.102763391	2.524867319	6.50938669	7.087744575	
		ENSORLG00000009892	tmem1071	transmembrane protein 107 [Source:NCBI gene:Acc:101155271]	-2.991084262	1.74567843	7.942643658	3.206365021	
		ENSORLG00000017790	ak7a	adenylyl kinase 7a [Source:ZFIN:Acc:ZDB-GENE-040724-122]	2.763568812	0.759043665	4.51800174	5.623090289	
		ENSORLG00000005337	-	-	2.417138722	1.088722233	3.82627259	5.155174327	
		ENSORLG00000011086	KCNK12	potassium two pore domain channel subfamily K member 12 [Source:HGNC Symbol:Acc:HGNC:6274]	-1.712499315	-2.261460253	6.501120572	7.050594086	
		ENSORLG00000012423	-	-	0	11.61020359	16.39977225	5.479042236	
		ENSORLG00000013316	-	-	-1.27946918	-0.17654186	4.232839531	3.130418417	
		ENSORLG00000006779	sar1ab	GTP-binding protein SAR1b [Source:NCBI gene:Acc:101153189]	-1.260656037	0.69974061	6.194770863	4.248555776	
		ENSORLG00000015824	lysdn1	LysM domain containing 1 [Source:NCBI gene:Acc:101166660]	0.310761623	1.723806504	4.691803789	3.279243676	
		ENSORLG00000013466	armc2	armadillo repeat containing 2 [Source:ZFIN:Acc:ZDB-GENE-041034-7]	2.461455537	-0.9812637	3.365630266	6.800834239	
		ENSORLG00000012227	-	-	1.92017077	1.951497764	3.299682369	3.268839673	
		ENSORLG00000000536	icn	ictacalcin [Source:ZFIN:Acc:ZDB-GENE-030131-8599]	11.14502779	0	5.685789564	16.83128782	
		ENSORLG00000005272	mdh1b	malate dehydrogenase 1B, NAD (soluble) [Source:ZFIN:Acc:ZDB-GENE-060289-384]	2.243278795	-0.454848049	4.27077389	6.975689184	
		ENSORLG00000006856	-	-	5.73335056	0.26156749	4.085456869	9.557573145	
		ENSORLG00000015479	-	-	13.8497286	0	6.544231363	20.38446172	
		ENSORLG00000007297	ribc1	RIB43A domain with coiled-coils 1 [Source:ZFIN:Acc:ZDB-GENE-081031-7]	2.433185719	-2.788305343	7.114052513	12.33602859	
		ENSORLG00000006069	-	-	0	0	16.92176459	16.92226139	
		ENSORLG00000009547	bdgat5	UDP-Gal4betaGlcNAc beta 1,4-galactosyltransferase, polyphosphate 5 [Source:ZFIN:Acc:ZDB-GENE-06028-3]	3.85071927	3.044516291	3.90430067	4.710984732	
		ENSORLG00000004838	serpin2b	serpin family F member 2 [Source:NCBI gene:Acc:101163835]	9.343385613	11.07921142	7.890544452	6.155188869	
		ENSORLG00000011219	-	-	0	14.01119667	17.63226626	3.62139302	
		ENSORLG00000002800	-	-	0.934664883	1.042157701	3.87475312	3.767746689	
		ENSORLG00000006175	-	-	3.793504201	-1.045839376	4.33717081	9.176979548	
		ENSORLG00000011790	-	-	-2.109128397	-0.316700055	4.95033992	3.158935167	

		ENSORLG00000014826	rip7a	ribosomal RNA processing 7 homolog A [Source:NCBI gene:Acc:101157059]	-3.358723426	0.106142328	2.755189941	-0.70874083	
		ENSORLG000000006704	-	-	-3.335175806	2.99473009	4.550834538	-1.778870808	
		ENSORLG000000004143	-	-	-5.238217287	0.776760753	6.995565745	0.981072186	
		ENSORLG000000006336	cdc4c3	coiled-coil domain containing 43 [Source:ZFIN:Acc:ZDB-GENE-040426-1587]	-3.278646622	-0.626647757	1.665071407	-0.986421767	
		ENSORLG000000006336	-	-	-5.209909104	-0.565959863	3.798238402	-0.842526057	
		ENSORLG00000015812	sidkeyp-9	sidkeyp-9h10.5 [Source:ZFIN:Acc:ZDB-GENE-070912-693]	-3.585196244	-0.412940113	2.58892711	-0.582643991	
		ENSORLG00000014594	-	-	4.272738411	0.352838241	2.358303527	2.201717276	
		ENSORLG00000014700	-	-	-5.116812119	0.197268692	4.072278253	-1.841195861	
		ENSORLG000000004354	HAUS1	HAUS augmin like complex subunit 1 [Source:NCBI gene:Acc:101168876]	-3.89919474	0.51270437	4.88430777	0.472835515	
		ENSORLG00000009765	bicip	BRCA2 and CDKN1A interacting protein [Source:NCBI gene:Acc:101165343]	-3.026251666	0.334576723	4.414084963	1.017477797	
		ENSORLG00000007932	ron2	reticulocalbin 2 [Source:ZFIN:Acc:ZDB-GENE-050706-62]	-6.15271044	0.246844943	5.682592825	-0.716487649	
		ENSORLG00000003851	-	-	-5.02829826	0.753413936	5.495717446	-0.285508589	
		ENSORLG000000080205	ctsp3c	CTD small phosphatase-like protein 2-B [Source:NCBI gene:Acc:101165797]	-3.582510925	-0.14020689	2.472561707	-0.96295276	
		ENSORLG00000013879	yeast4	YEATS domain containing 4 [Source:NCBI gene:Acc:101163215]	-16.6923086	-2.176416702	12.99614685	-0.91266793	
		ENSORLG00000006650	sidkeyp-2	sidkeyp-2B9.1 [Source:ZFIN:Acc:ZDB-GENE-091204-297]	-16.9223086	-2.176416702	12.99614685	-0.91266793	
		ENSORLG00000013969	EFNA2	ephrin A2 [Source:HGNC Symbol:Acc:HGNC:3222]	-3.175884632	-0.98733918	-6.031221529	-2.819161425	
		ENSORLG00000009402	poc5	POCS centrorial protein homolog (Chlamydomonas) [Source:ZFIN:Acc:ZDB-GENE-060526-135]	-3.043193217	-0.162596546	3.633841673	0.753729927	
		ENSORLG00000015185	tango2	transport and org organization 2 homolog [Source:NCBI gene:Acc:101156177]	-3.544662166	0.907276645	4.964543076	0.517999101	
		ENSORLG00000005711	tm14a	thioredoxin like 4A [Source:NCBI gene:Acc:101166315]	-3.646737609	1.450105559	-2.250282823	4.139301865	
		ENSORLG00000006817	-	-	-3.55929673	-0.252082823	4.139301865	0.83540011	
		ENSORLG00000007900	eloch	elafin C [Source:NCBI gene:Acc:101173584]	-6.28546008	2.301282756	7.569492667	1.052007032	
		ENSORLG00000009440	pdpr1	P53 and DNA-damage regulated 1 [Source:ZFIN:Acc:ZDB-GENE-050417-276]	-3.62293006	1.337712167	4.995851425	0.036313026	
		ENSORLG00000008400	-	-	-4.149318517	-0.102921217	4.493770213	-2.763454323	
		ENSORLG0000001312	-	-	-6.49200242	-0.86470164	-9.631249825	15.2918604	
		ENSORLG00000009577	cenpn	centromere protein N [Source:ZFIN:Acc:ZDB-GENE-020616-408]	-3.9				

ENSORLG00000017147	bbs5	Bardet-Biedl syndrome 5 [Source:NCBI gene:Acc:101157654]	-6.584296987	1.943650135	12.4488449	3.921387551
ENSORLG00000016684	vsk2	visual system homeobox 2 [Source:HGNC Symbol:Acc:HGNC:1975]	-1.350236885	-1.549134089	5.296147199	5.495529635
ENSORLG00000009299	zgc:66426	zgc:66426 [Source:ZFIN:Acc.ZDB-GENE-04026-1639]	0	13.09382192	19.9220941	6.698959124
ENSORLG00000016146	msh4	mus81 homolog 4 [Source:ZFIN:Acc.ZDB-GENE-131121-643]	0.561546634	0.386154798	3.772979679	3.955156258
ENSORLG00000007425	fl140	intraflagellar transport 140 homolog (Chlamydomonas) [Source:ZFIN:Acc.ZDB-GENE-04074-165]	-0.020701906	0.170319542	4.27473931	4.00890274
ENSORLG000000013017	flr88	intraflagellar transport 88 homolog [Source:ZFIN:Acc.ZDB-GENE-030131-574]	0.264741962	0.76815854	4.112688491	3.60975596
ENSORLG00000011934	ttc1	T-complex-associated testis-expressed 1 [Source:ZFIN:Acc.ZDB-GENE-120406-12]	1.836517773	0.31377957	4.847309183	6.372533337
ENSORLG00000014513	prnca	prerolnucleoprotein [Source:NCBI gene:Acc:101168692]	1.933114989	0.991706932	3.366922527	4.308817021
ENSORLG00000011654	-	-	-1.127506228	-0.872614008	4.005613495	3.751206275
ENSORLG00000004712	sept3	septin 3 [Source:ZFIN:Acc.ZDB-GENE-050522-375]	0.671821856	-0.625976668	3.58072954	4.879011714
ENSORLG000000012762	-	-	2.552524679	2.218508434	5.263588823	-
ENSORLG00000004076	sl:skey-46a10	sl:skey-46a10 3 [Source:ZFIN:Acc.ZDB-GENE-030131-4610]	-0.586800341	1.853609529	6.173960127	7.374035241
ENSORLG00000006860	-	-	0.560080971	0.304174053	4.134116774	4.390508264
ENSORLG000000014072	-	-	1.187944865	-0.214097663	3.012579563	4.415105449
ENSORLG000000012477	lzf11	leucine zipper transcription factor like 1 [Source:NCBI gene:Acc:101165106]	0.285854971	0.875507081	4.892896219	4.303728734
ENSORLG000000018223	-	-	0	11.29023777	16.87051868	5.585248821
ENSORLG000000017529	scn3b	sodium voltage-gated channel beta subunit 3 [Source:NCBI gene:Acc:101164293]	14.38464482	12.8322769	3.410833669	4.9636672
ENSORLG00000001335	sl:skey-42p14	sl:skey-42p14 3 [Source:ZFIN:Acc.ZDB-GENE-041111-131]	-11.97260291	-1.054072011	20.62035118	9.702305162
ENSORLG000000016407	-	-	1.315100963	-0.681066158	3.747690613	5.7443427
ENSORLG000000007726	-	-	-0.39757602	-0.156802616	4.90071004	-
ENSORLG00000003033	zgc:66427	E3 ubiquitin-protein ligase znf1 [Source:NCBI gene:Acc:101166334]	-0.549315898	-0.203496295	4.2526803	3.907345608
ENSORLG000000017409	caona1e	calcium channel, voltage-dependent, R type, alpha 1E subunit B [Source:ZFIN:Acc.ZDB-GENE-070705-133]	0.242144928	0.810635617	3.605541601	3.037535892
ENSORLG00000004928	CCDC112	coiled-coil domain containing 112 [Source:HGNC Symbol:Acc:HGNC:28599]	-2.953296883	-0.12808923	3.411010245	-
ENSORLG00000004608	arm4	armadillo motif containing 4 [Source:ZFIN:Acc.ZDB-GENE-100316-7]	-0.336768889	-1.654084104	3.142695567	4.460495718
ENSORLG00000007235	-	-	13.5958535	0	4.630191908	18.17028916
ENSORLG00000007132	arh1	aradine ubiquitin-conjugating enzyme E2 binding protein homolog 1 (Drosophila) [Source:ZFIN:Acc.ZDB-GENE-030131-5213]	0.526245145	0.541486911	3.074501429	3.059744806
ENSORLG000000021700	-	-	1.100257769	0.241712931	4.286218975	5.157248397
ENSORLG00000008365	-	-	-1.19534526	-0.33804008	6.255172694	5.993526863
ENSORLG00000005906	tmem134	transmembrane protein 134 [Source:NCBI gene:Acc:101169517]	-0.745971112	0.977371689	4.933616318	3.210758471
ENSORLG000000021050	RF0100	-	2.377666534	1.443142445	7.17630914	6.652699954
ENSORLG000000010213	-	-	3.940742887	0.615816902	3.800546173	7.125958452
ENSORLG00000003508	-	-	12.31317498	12.67468	4.339371768	3.978336566
ENSORLG000000017615	pth1ra	parathyroid hormone 1 receptor A [Source:ZFIN:Acc.ZDB-GENE-991123-8]	11.34712304	9.791423397	4.542381473	6.098539988
ENSORLG00000004334	clafp298	clia and flagella associated protein 298 [Source:NCBI gene:Acc:101166294]	-2.197476727	-0.019007506	3.433175021	-
ENSORLG00000009201	znf511	zinc finger protein 511 [Source:NCBI gene:Acc:101171189]	-0.493164648	-0.00163964	5.11357129	4.622531126
ENSORLG00000007763	mustn1b	musculoskeletal, embryonic nuclear protein 1b [Source:ZFIN:Acc.ZDB-GENE-111129-2]	0	13.17945351	16.31027816	3.131296611
ENSORLG000000021118	-	-	-0.156057164	-0.441648789	4.5884388	4.729139915
ENSORLG00000008399	ppp142	protein phosphatase 1, regulatory subunit 42 [Source:ZFIN:Acc.ZDB-GENE-040704-43]	-1.055738143	1.887134009	7.333863104	4.391476422
ENSORLG00000004669	-	-	6.778002959	-0.04827005	3.912229396	10.73899861
ENSORLG00000006542	btc	betacellulin, epidermal growth factor family member [Source:ZFIN:Acc.ZDB-GENE-050311-1]	14.80091355	12.29606444	3.93201227	6.437329577
ENSORLG000000016469	nmef8	NME/NM23 family member 8 [Source:ZFIN:Acc.ZDB-GENE-070410-39]	4.206635881	2.55733052	6.25053423	7.904482905
ENSORLG00000009132	-	-	-0.698185271	0.38970061	6.071649961	4.984248816
ENSORLG000000062403	sic16a4	solute carrier family 16, member 4 [Source:ZFIN:Acc.ZDB-GENE-070112-602]	3.670347415	0.785031551	3.689888009	6.5756672
ENSORLG000000021749	arfap3	ADP-ribosylation factor GTPase activating protein 3 [Source:ZFIN:Acc.ZDB-GENE-04026-1]	0.89616073	2.834667708	6.716326918	4.772760304
ENSORLG00000005533	qub	IQ motif and ubiquitin domain containing [Source:ZFIN:Acc.ZDB-GENE-110421-1]	-1.455884573	0.857970195	8.935074066	6.621704273
ENSORLG000000015169	tmem231	transmembrane protein 231 [Source:NCBI gene:Acc:101188706]	-0.200312506	-0.546220963	3.633830827	3.979778496
ENSORLG000000014757	gpn4b	glutathione peroxidase 4b [Source:ZFIN:Acc.ZDB-GENE-030410-3]	0.31019425	1.26993022	4.553030225	3.59806138
ENSORLG00000015052	hamp	hepcidin [Source:NCBI gene:Acc:101157971]	2.570589016	-0.700749257	3.12616376	6.404439343
ENSORLG00000003910	sl:skey-1832	sl:skey-1832 10 [Source:ZFIN:Acc.ZDB-GENE-130530-729]	-0.310273143	0.74636364	5.021196366	3.965047348
ENSORLG00000012011	-	-	1.770555238	-11.02194465	9.152983248	21.945989474
ENSORLG000000010952	zgc:110197	ADP-ribosylation factor like GTPase 3 [Source:NCBI gene:Acc:101172267]	-0.404633673	-0.388662933	3.790240074	3.774718193
ENSORLG000000010819	UBE2H (1 of m	ubiquitin-conjugating enzyme E2 H [Source:NCBI gene:Acc:101163973]	-0.382590972	0.003399523	3.55331404	3.167818308
ENSORLG000000012324	lamn92a1	family with sequence similarity 92, member A1 [Source:ZFIN:Acc.ZDB-GENE-048091-123]	1.228697523	0.25415346	3.853306026	4.808389585
ENSORLG00000003919	-	-	0	9.620787992	15.85480022	6.234490692
ENSORLG000000011047	-	-	2.210268322	0.570144114	6.397671424	8.038280296
ENSORLG00000006352	catn2	cattractin [Source:NCBI gene:Acc:101170769]	0.627285987	0.250027435	4.342204735	4.71997338
ENSORLG00000000870	-	-	7.82927881	3.94375882	3.921329883	7.206045265
ENSORLG000000012054	-	-	0.623154516	0.456609811	3.036915653	3.203945189
ENSORLG000000011017	efcab1	E(1F)hand calcium binding domain 1 [Source:ZFIN:Acc.ZDB-GENE-040914-40]	-2.881476786	2.064948774	10.61574663	5.668908849
ENSORLG000000016634	-	-	-0.761206984	0.002012381	4.123773962	3.162925506

ENSORLG00000000931	ube2a	ubiquitin conjugating enzyme E2 A [Source:NCBI gene:Acc:101158032]	-3.438124818	2.957552634	5.749674532	-0.645517655
ENSORLG00000003488	-	-	-	-	-	-
ENSORLG000000004681	C18orf32	cell death activator CIDE-A [Source:NCBI gene:Acc:101159391]	-3.910928089	-0.424786265	1.008821655	-2.476905729
ENSORLG00000000584	glo4a	chromosome 18 open reading frame 32 [Source:HGNC Symbol:Acc:HGNC:31639]	-6.070982275	2.019765498	8.906289512	0.116722805
ENSORLG000000003701	zgc:11418	phospholipase domain containing 4 [Source:ZFIN:Acc.ZDB-GENE-040912-38]	-5.617867491	0.105636914	-	0.932901114
ENSORLG00000001785	gsk2	glycolytic non-specific dipeptidase [Source:NCBI gene:Acc:101170951]	-4.618399714	-2.662539746	0.631461672	-0.869405082
ENSORLG00000009727	-	-	-	-	-	-
ENSORLG00000007765	sat2b	saturated acetyltransferase 2 [Source:NCBI gene:Acc:10174286]	-3.772223707	-0.452373088	1.25164161	-2.06772409
ENSORLG00000011383	coa3a	cytochrome C oxidase assembly factor 3a [Source:ZFIN:Acc.ZDB-GENE-060810-187]	-3.296000119	-0.424552389	4.231018517	1.36005591
ENSORLG000000007712	gnt6tq	N-acetylglucosaminyl-1-phosphate transferase, gamma subunit [Source:ZFIN:Acc.ZDB-GENE-040625-10]	-3.387111035	0.808952363	3.400520672	-0.795057775
ENSORLG000000015856	llph	LLP homolog, long-term synaptic facilitation factor [Source:NCBI gene:Acc:101155243]	-7.845821223	1.943314541	8.0268977	-1.761747927
ENSORLG00000017208	ssb	Sjogren syndrome antigen B (autoantigen Ia) [Source:ZFIN:Acc.ZDB-GENE-030131-223]	-6.921206465	0.374877684	6.991446606	-0.304152446
ENSORLG00000002158	map2k5	mitogen-activated protein kinase kinase 5 [Source:ZFIN:Acc.ZDB-GENE-030131-1517]	-5.254284304	0.67864917	5.641611282	-0.290837535
ENSORLG000000006235	usp39	ubiquitin specific peptidase 39 [Source:NCBI gene:Acc:101161161]	-3.671367975	0.816420603	5.373646548	0.886243155
ENSORLG00000006428	-	-	-	-	-	-
ENSORLG00000001829	-	-	-	-	-	-
ENSORLG000000010497	lysm2d3	lysoM, putative peptidoglycan-binding domain containing 3 [Source:ZFIN:Acc.ZDB-GENE-048265-88]	-3.202274475	0.947206398	4.608335368	0.459343538
ENSORLG00000001527	zgc:16283	zgc:16283 [Source:ZFIN:Acc.ZDB-GENE-070410-94]	-3.393178298	-0.777565401	3.68877735	1.083649278
ENSORLG00000003929	HABP4	Hyaluronan binding protein 4 [Source:HGNC Symbol:Acc:HGNC:7062]	-3.380152139	0.818017177	3.787039986	-0.414694359
ENSORLG000000010466	gabrb1b	gamma-aminobutyric acid (GABA) B receptor, 1b [Source:ZFIN:Acc.ZDB-GENE-060503-5]	-3.471214014	-0.036576632	3.202079273	-0.233073201
ENSORLG00000009433	rgrb	RPE-retinal G protein-coupled receptor [Source:NCBI gene:Acc:101162976]	-4.424658843	-2.781742158	-0.466940671	-2.193742031
ENSORLG000000014721	-	-	-	-	-	-
ENSORLG000000013967	-	-	-	-	-	-
ENSORLG000000012944	-	-	-	-	-	-
ENSORLG000000021421	RF0019	U6atac minor spliceosomal RNA [Source:NCBI gene:Acc:11947495]	-6.683410599	0.817586989	7.167127298	1.666614866
ENSORLG00000004878	ubif51	ubiquitin family domain containing 1 [Source:NCBI gene:Acc:101171414]	-4.132480774	0.924475632	6.527780575	1.471308909
ENSORLG000000014001	chnp1r1	CTD nuclear envelope phosphatase 1 regulatory subunit 1 [Source:NCBI gene:Acc:101165466]	-4.147202646	1.843014307	5.824578665	-0.165153228
ENSORLG000000011006	rbm48	RNA binding motif protein 48 [Source:NCBI gene:Acc:101176099]	-0.462007955	-0.243920876	4.902492911	1.086629265
ENSORLG000000004347	tas1r2a	Tas1ras taste receptor, type 1, member 2a (tas1r2a), mRNA [Source:RefSeq mRNA:Acc:NM_01104839]	-3.813760597	1.408498676	5.434345672	-0.125151537
ENSORLG00000001898	-	-	-	-	-	-
ENSORLG00000002592	-	-	-	-	-	-
ENSORLG000000013767	-	-	-	-	-	-
ENSORLG00000002580	sich211	Sich211, putative uncharacterized protein DB, G0292636 [Source:NCBI gene:Acc:105355500]	-4.027628075	1.029562983	5.686071339	-1.599854045
ENSORLG00000004675	-	-	-	-	-	-
ENSORLG000000014415	-	-	-	-	-	-
ENSORLG000000014415	-	-	-	-	-	-
ENSORLG000000069911	sich211	Sich211, putative uncharacterized protein DB, G0292636 [Source:NCBI gene:Acc:105355500]	-4.161510721	-0.618942451	1.983787381	-1.558314405
ENSORLG000000005485	-	-	-	-	-	-
ENSORLG000000004476	gpc2	glycophorin C [Source:ZFIN:Acc.ZDB-GENE-050302-311]	-4.298586826	1.791634298	5.749462301	-0.337539877
ENSORLG00000009118	dmr1	DM1 dimethyladenosine transferase 1 homolog [Source:NCBI gene:Acc:101156415]	-5.33544721	1.242242793	6.715424805	0.138040661
ENSORLG000000020076	-	-	-	-	-	-
ENSORLG000000001420	-	-	-			

	ENSRGLG0000000159	-	-	0.310550588	-0.932976655	4.459688489	5.703700584
	ENSRGLG0000000167	-	-	13.6810216	9.220329955	5.787329444	10.03556913
	ENSRGLG00000005603	lam102ba	protein FAM102B [Source:NCBI gene:Acc:101166419]	2.036688775	0.669695922	3.55817554	4.903975821
	ENSRGLG00000002017	-	-	0.584723797	1.816721324	4.134274649	3.082762268
	ENSRGLG00000009943	mon5	MORN repeat containing 5 [Source:ZFIN:Acc:ZDB-GENE-050522-267]	0	0	18.94431738	18.94431738
	ENSRGLG00000004695	-	-	1.163779148	0.800414452	4.201015286	4.564664919
	OSCP1	-	-	0.94527191	0.093740282	4.592892992	3.5542755
	ENSRGLG00000000020	-	-	-0.57465548	0.05245516	4.475676056	3.849502676
	ENSRGLG00000017939	rsph3	retinal-specific homeobox 3 [Source:ZFIN:Acc:ZDB-GENE-040724-173]	1.821241038	0.936297189	4.572945405	5.45640211
	ENSRGLG00000000857	-	-	0.806834729	-2.811101654	9.248522133	12.86694307
	ENSRGLG00000007896	zrom1b	prominin 1 b [Source:ZFIN:Acc:ZDB-GENE-031003-1]	0.378517559	0.450681635	3.53094735	3.459268516
	ENSRGLG00000017164	-	-	0.224064101	0.256765322	4.53659513	4.48478542
	ENSRGLG00000008553	MNS1	meiosis specific nuclear structural 1 [Source:HGNC Symbol:Acc:HGNC:29636]	-2.239907802	-0.506634974	5.102818936	3.730208963
	ENSRGLG00000010716	-	-	0	0	11.99420845	16.63897201
	ENSRGLG00000015982	-	-	2.1104091	-0.33969534	3.571723341	6.07976171
	ENSRGLG00000006443	teob1	-	1.793801899	0.88690511	3.84082492	4.748304444
	ENSRGLG00000001688	teob1	teobin beta [Source:ZFIN:Acc:ZDB-GENE-041212-16]	-1.233666339	0.854263778	5.395573141	3.508127803
	ENSRGLG00000020999	RF00003	U1 splicesome RNA [Source:NCBI gene:Acc:111948514]	1.990528415	0.533096419	3.21957947	4.45528283
	ENSRGLG00000021355	RF00012	small nuclear RNA U2 [Source:NCBI gene:Acc:111946355]	-12.65261197	-0.121419746	17.01274702	4.689074477
	ENSRGLG00000007136	zpc-172182	zpc172182 [Source:ZFIN:Acc:ZDB-GENE-080204-56]	-9.529664802	3.64313555	19.10147557	5.929166677
	ENSRGLG00000000450	-	-	1.84075735	-0.317073151	4.22366395	6.381981512
	ENSRGLG00000002160	-	-	2.568272861	2.613184171	4.483789019	4.439336116
	ENSRGLG00000009343	drc3	dymin regulatory complex subunit 3 [Source:ZFIN:Acc:ZDB-GENE-061103-349]	0	11.22629778	17.9394744	6.71353562
	ENSRGLG00000003037	sacs	sacsin molecular chaperone [Source:NCBI gene:Acc:101168896]	0.786191277	3.324219386	6.032566443	3.495051123
	ENSRGLG000000009063	trtp13	thyroid hormone receptor interactor 13 [Source:ZFIN:Acc:ZDB-GENE-040216-1498]	0.318856836	0.75642516	4.041475641	3.605174939
	ENSRGLG00000012827	-	-	1.210669368	0.891890323	3.048933746	3.368198014
	ENSRGLG00000007856	-	-	1.233239618	0.072014696	3.682082056	4.843791854
	ENSRGLG000000015988	nek4	NIMA-related kinase 4 [Source:ZFIN:Acc:ZDB-GENE-040426-1382]	-0.975977483	-0.681514919	4.026214458	3.758636968
	ENSRGLG00000021250	-	-	-1.409295531	0.573777138	5.106348957	3.132133011
	ENSRGLG000000021612	-	-	2.451518607	-0.048252502	3.447879318	5.94813574
	ENSRGLG00000003926	-	-	1.030672941	-0.287152768	3.566036356	4.87439673
	ENSRGLG000000014620	dna11	dymin, axonemal, light intermediate chain 1 [Source:ZFIN:Acc:ZDB-GENE-080204-7]	-1.000940084	1.558267693	9.846190775	7.287461397
	ENSRGLG000000004754	tmc6b	transmembrane and coiled-coil domains 6 [Source:ZFIN:Acc:ZDB-GENE-070410-47]	-0.272946713	0.02296856	3.326318877	3.038909033
	ENSRGLG00000003871	ccna1	cyclin A1 [Source:ZFIN:Acc:ZDB-GENE-040311-2]	-0.487220831	-0.742218655	5.529521526	5.58055905
	ENSRGLG000000004911	ttf9	tubulin tyrosinase ligase-like family, member 9 [Source:ZFIN:Acc:ZDB-GENE-030131-1582]	-0.710696304	0.858921915	6.612904182	5.522770089
	ENSRGLG000000021030	RF00004	U2 splicesome RNA [Source:NCBI gene:Acc:111946355]	-0.987374748	0.513139111	7.595025338	6.095002041
	ENSRGLG000000001345	-	-	4.366192483	2.120276279	4.994262279	6.230721502
	ENSRGLG000000017096	-	-	-3.078541521	-0.97956387	6.150307317	4.051814748
	ENSRGLG00000009082	utp2	uncoupling protein 2 [Source:NCBI gene:Acc:101160821]	5.815893103	-0.32550341	3.699897217	9.84158907
	ENSRGLG00000007822	-	-	11.32483872	12.7857573	5.524704315	4.064234248
	ENSRGLG000000015702	-	-	0.889404261	0.910846835	3.27979793	3.258940022
	ENSRGLG000000008483	mon3	MORN repeat containing 3 [Source:ZFIN:Acc:ZDB-GENE-050417-152]	-0.81323479	0.465053944	7.226097333	5.948293596
	ENSRGLG00000001334	-	-	0.878810976	2.797289206	6.0204054	4.104110386
	ENSRGLG00000014836	zfp16	zfp16 [Source:ZFIN:Acc:ZDB-GENE-050522-70]	0.223480641	1.149608261	7.031120016	6.105477111
	ENSRGLG000000016854	kss1rb	RGS1 receptor b [Source:ZFIN:Acc:ZDB-GENE-060526-54]	12.14012996	12.34226361	3.862205234	3.666040246
	ENSRGLG000000009684	CUJAP1	clutrin associated protein 1 [Source:HGNC Symbol:Acc:HGNC:19009]	-1.694313096	-0.37951079	5.74624704	4.460147765
	ENSRGLG00000005660	-	-	1.454204853	3.763060896	5.727454484	3.41907971
	ENSRGLG000000014489	-	-	-1.041668875	0.453453646	4.815782337	3.321148826
	ENSRGLG000000011051	mlcn	sodium leak channel, non-selective [Source:ZFIN:Acc:ZDB-GENE-050410-12]	2.173951653	2.004268632	3.042129171	3.21229826
	ENSRGLG000000017932	-	-	-9.875810774	4.295465836	17.60951734	3.438728588
	ENSRGLG000000012981	efhc1	EF-hand domain (C-terminal) containing 1 [Source:ZFIN:Acc:ZDB-GENE-040426-1300]	4.229684936	1.124045312	8.405610092	11.51157823
	ENSRGLG000000005654	mf165a	ring finger protein 165a [Source:ZFIN:Acc:ZDB-GENE-091118-64]	4.117751591	1.146614176	3.848408589	6.456230634
	ENSRGLG00000015555	-	-	0.072154876	-0.42755535	3.457801588	3.597988827
	ENSRGLG000000000161	-	-	-1.165065662	1.722804914	6.048068079	3.10686563
	ENSRGLG000000006061	sidkey-14018	sidkey-14018 2 [Source:ZFIN:Acc:ZDB-GENE-060503-145]	-1.06340819	2.220457567	8.387651614	5.48280606
	ENSRGLG00000007690	-	-	-1.169502716	-0.216071301	5.138044098	4.185102418
	ENSRGLG000000050714	slc2a5	solute carrier family 2, facilitated glucose transporter member 5 [Source:NCBI gene:Acc:101154948]	3.56852988	-0.943998138	3.157638038	7.670655021
	ENSRGLG00000003981	enrh3	glutamate-rich 3 [Source:ZFIN:Acc:ZDB-GENE-070209-29]	1.69371755	-2.2857895	3.645243413	7.62561268
	ENSRGLG000000010918	ak7b	selenate kinase 7b [Source:ZFIN:Acc:ZDB-GENE-050309-170]	3.685825925	0.492212194	3.643056036	6.837156587
	ENSRGLG000000011039	FT122	intraflagellar transport 122 [Source:HGNC Symbol:Acc:HGNC:13956]	-0.156911048	-0.229896664	4.077102436	4.150366182
	ENSRGLG00000006044	synp2b	synaptophysin-like 2b [Source:ZFIN:Acc:ZDB-GENE-050417-309]	0.760702566	1.781258257	4.70460318	3.68453787
	ENSRGLG00000011792	daw1	dymin assembly factor with WD repeat domains 1 [Source:ZFIN:Acc:ZDB-GENE-050419-255]	4.91849904	-0.99663453	4.226286852	10.14189956
	ENSRGLG000000015815	ttb1	intraflagellar transport 81 [Source:NCBI gene:Acc:101160565]	0.810257298	-0.158306322	3.288033453	4.257081954
	ENSRGLG00000005637	-	-	3.767234039	1.818275975	4.107994863	6.057432265
	ENSRGLG000000012755	-	-	10.2481885	0	6.18308345	16.56670874
	ENSRGLG00000002502	slc11h1-220a	enkurin domain containing 1 [Source:HGNC Symbol:Acc:HGNC:29246]	1.37949899	-1.71926599	4.564095918	7.114457567
	ENSRGLG00000003997	nm1k	NM1 serine/threonine protein kinase [Source:NCBI gene:Acc:101164566]	1.278452273	1.196642742	3.08399321	3.16598959

	ENSRGLG00000016473	ACYP1	acetylcholinesterase 1 [Source:HGNC Symbol:Acc:HGNC:29075]	-3.181482253	2.625466449	3.899697859	-1.909485036
	ENSRGLG000000005814	rap1ab	RAP1A, member of RAS oncogene family b [Source:ZFIN:Acc:ZDB-GENE-040426-2798]	-3.031272539	-0.347636391	2.053703067	-0.629448093
	ENSRGLG00000002759	ftxoa3	F-box protein 43 [Source:ZFIN:Acc:ZDB-GENE-040426-1645]	-3.678916419	-0.035300022	2.649023681	1.049611107
	ENSRGLG00000001338	HIST2H3A	histone H3 [Source:NCBI gene:Acc:101166976]	-3.793674607	-1.387692509	3.677943509	1.247484019
	ENSRGLG00000000923	cyf5b	cytochrome b5 [Source:NCBI gene:Acc:101155998]	-3.345407267	0.847491714	4.440744474	0.248303212
	ENSRGLG000000008191	-	-	-3.154549667	0.239897819	2.412218788	-0.861543984
	ENSRGLG00000000334	usp16	ubiquitin specific peptidase 16 [Source:ZFIN:Acc:ZDB-GENE-030311-4153]	-4.856042031	0.040521248	3.503443103	-1.392674796
	ENSRGLG000000000004	-	-	-4.417916163	0.175736439	2.445834726	-2.147329246
	ENSRGLG000000012430	churc1	churchill domain containing 1 [Source:NCBI gene:Acc:101169830]	-6.583393728	1.254268271	8.448592411	0.613614241
	ENSRGLG0000000017809	trapp2	trafficking protein particle complex 2 [Source:NCBI gene:Acc:101168660]	-4.8543573	2.895500076	7.335405651	-0.418989004
	ENSRGLG00000007788	-	-	-3.649263022	0.866434588	5.15518323	6.380616144
	ENSRGLG000000012083	-	-	-15.99427034	-2.264786982	11.8606199	2.088311167
	ENSRGLG000000014303	-	-	-4.072724479	-1.631343428	-0.229083289	-2.66938852
	ENSRGLG0000000008134	-	-	-0.09602475	-4.658950663	5.038062075	0.275641072
	ENSRGLG00000007964	tsam3a	tetraspanin-3 [Source:NCBI gene:Acc:101170088]	0.090017859	-4.494222295	-2.35440775	1.432580758
	ENSRGLG000000009825	-	-	-1.891497115	-3.505958203	-2.445496972	2.063144902
	ENSRGLG000000006632	FAM189A	family with sequence similarity 189 member A1 [Source:HGNC Symbol:Acc:HGNC:29075]	-2.835776305	-16.04110127	0.032521316	13.23835547
	ENSRGLG000000011838	slc2a3b	solute carrier family 2 (facilitated glucose transporter), member 3b [Source:ZFIN:Acc:ZDB-GENE-121031-5]	-2.541991047	-5.251484045	1.944097701	4.64507948
	ENSRGLG000000000717	-	-	0.39045508	-4.181440695	-0.78107236	3.791380171
	ENSRGLG000000011521	-	-	0.904684098	-3.807140313	0.323294504	5.054361933
	ENSRGLG000000005501	pgcb5	pgcb5, RNA transposable element derived 5 [Source:ZFIN:Acc:ZDB-GENE-040724-229]	-0.40979497	-3.621949237	-3.621949237	2.791152923
	ENSRGLG00000000294	acct7	acyl-CoA thioesterase 7 [Source:ZFIN:Acc:ZDB-GENE-040912-42]	-1.732594801	-4.052708945	-0.470202484	1.850286547
	ENSRGLG00000000558	zmp000a	-	-2.267420263	-3.067427995	-0.285435209	5.015054934
	ENSRGLG000000013178	-	-	1.068931922	-3.755262386	-0.949452766	3.212025888
	ENSRGLG00000002388	-	-	0.965405977	-4.69465389	-0.873202562	4.787343689
	ENSRGLG000000004876	nos1	nitric oxide synthase domain containing 1 [Source:ZFIN:Acc:ZDB-GENE-061013-657]	-2.47047724	-3.470149827	-2.47047724	3.49250276
	ENSRGLG00000006655	-	-	-2.518102759	-16.6171021	-1.585535651	17.51397427
	ENSRGLG000000001681	psat1	phosphoserine aminotransferase 1 [Source:ZFIN:Acc:ZDB-GENE-030131-5723]	-0.42180302	-4.77394986	-1.297272038	

	ENSRGLG00000003807	wap65-like	Oryzias latipes warm-temperature-acclimation-related-65 kDa protein-like protein (wap65-like), mRNA [Source:RefSeq; mRNA Acc:NM_001104852]	-1.898528422	-1.991386008	6.989099967	7.082441543
	ENSRGLG00000007781	43br91	membrane-associated ring finger (CHC4) 1 [Source:ZFIN; Acc:ZDB-Gene-081112-1]	0.829595654	0.750319243	3.066060424	3.145819053
	ENSRGLG00000002971	-	-	0.513226489	0.94926842	4.829559346	4.394005778
	ENSRGLG00000005868	ano9a	anocamnin 9a [Source:ZFIN; Acc:ZDB-Gene-071004-46]	11.69874373	12.37676301	4.805098925	4.12754752
	ENSRGLG00000006992	ttc21b	tetratricopeptide repeat domain 21B [Source:ZFIN; Acc:ZDB-Gene-031010-34]	-1.691201205	-0.788444288	3.960611225	3.058339077
	ENSRGLG00000004329	sic211-272n	protein kinase cAMP-dependent type II regulatory subunit beta [Source:HGNC; Symbol:ACC:HGNC:83392]	3.430205847	2.319587192	3.002107207	3.11213516
	ENSRGLG00000002225	mf212b	sic211-10b2.1 [Source:ZFIN; Acc:ZDB-Gene-070913-9]	-3.55453559	-0.614236519	6.736306663	3.827399557
	ENSRGLG00000004674	dync2ii1	dyenin, cytoplasmic 2, light intermediate chain 1 [Source:ZFIN; Acc:ZDB-Gene-040426-129]	-0.138596769	-0.425663618	4.67037912	4.84457312
	ENSRGLG00000002440	npy2i1	neuropeptide Y receptor Y2, like [Source:ZFIN; Acc:ZDB-Gene-111115-4]	1.284922139	1.399631731	4.8424896	4.736280021
	ENSRGLG00000000792	ten1	TEN1 C57 complex subunit [Source:ZFIN; Acc:ZDB-Gene-030131-8755]	0.025953957	0.515874327	4.172529167	3.683093983
	ENSRGLG00000009047	-	-	-3.700568845	-0.03853596	8.12678022	4.464732001
	ENSRGLG00000009795	-	-	0	10.38730653	18.42067281	8.033785773
	ENSRGLG00000000448	-	-	-0.176824293	0.953695665	4.33451951	3.594484323
	ENSRGLG000000021693	-	-	1.906640528	4.003648961	6.55793137	4.461407885
	ENSRGLG000000012963	-	-	2.250530739	1.841975347	6.36780006	4.016718558
	ENSRGLG000000010576	cerkl	ceramide kinase-like [Source:ZFIN; Acc:ZDB-Gene-070410-38]	-0.024988177	-1.107430563	3.258207753	4.341139532
	ENSRGLG00000001896	katnal2	katanin p60 subunit A-like 2 [Source:ZFIN; Acc:ZDB-Gene-051113-156]	-0.711129247	0.0639032	4.94803276	4.173489926
	ENSRGLG000000011467	-	-	0.999306812	-0.438081634	4.44252685	5.880402296
	ENSRGLG000000013742	efhc2	EF-hand domain (C-terminal) containing 2 [Source:ZFIN; Acc:ZDB-Gene-031001-10]	4.82949192	0.02025707	5.587154246	10.39147865
	ENSRGLG000000012783	-	-	1.407894227	-1.464525781	3.895284964	6.768103005
	ENSRGLG000000012009	-	-	-0.92266425	2.94634703	7.587482923	6.02738942
	ENSRGLG00000005615	cock181	coiled-coil domain containing 181 [Source:ZFIN; Acc:ZDB-Gene-060503-312]	2.618839687	1.22064028	3.865515167	5.264236964
	ENSRGLG000000012090	-	-	0	10.65611198	15.794607	9.53977875
	ENSRGLG000000016424	fem167ab	family with sequence similarity 167 member A [Source:NCBI; gene:Acc:101170398]	0.112859029	-0.712735828	3.103275523	3.951031735
	ENSRGLG00000006905	form1	formin 1 [Source:HGNC; Symbol:ACC:HGNC:3788]	0.43927741	0.151323871	3.407935691	3.696374332
	ENSRGLG000000010421	-	-	0	11.75305793	16.41598433	4.66340222
	ENSRGLG000000009960	-	-	11.30538919	0	4.91560692	16.22148706
	ENSRGLG000000007306	-	-	-1.334939991	0.894595164	6.21795665	3.98542319
	ENSRGLG00000006851	ropr1l	rhophilin associated tail protein 1-like [Source:ZFIN; Acc:ZDB-Gene-040724-235]	4.065172602	1.785880802	4.777494308	5.07268149
	ENSRGLG00000005163	lgl1b	leucine-rich, glioma inactivated 1b [Source:ZFIN; Acc:ZDB-Gene-060217-1]	3.932469742	1.536715183	3.365360391	5.761605293
	ENSRGLG000000012850	odf2	outer dense fiber protein 2 [Source:NCBI; gene:Acc:101172288]	1.48835769	-0.061003116	3.28983415	4.839679735
	ENSRGLG000000010401	PCGF3	polycomb group ring finger 3 [Source:NCBI; gene:Acc:101173293]	0.610225913	0.29974326	3.346539554	4.366395954
	ENSRGLG000000009021	lrrc18a	leucine rich repeat containing 18a [Source:ZFIN; Acc:ZDB-Gene-090313-323]	0	12.39123553	19.14544939	6.75468642
	ENSRGLG00000007321	ELMOD2	ELMO domain containing 2 [Source:HGNC; Symbol:ACC:HGNC:28111]	0.622985922	1.445724716	4.597894724	3.77601518
	ENSRGLG000000008354	myzap	myocardial zonula adherens protein [Source:ZFIN; Acc:ZDB-Gene-041111-91]	-0.504952683	-0.31460266	3.655709894	3.655709894
	ENSRGLG000000016142	ankle1a	ankyrin repeat and EF-hand domain containing 1a [Source:ZFIN; Acc:ZDB-Gene-041001-196]	2.964870961	0.110836092	3.155961116	6.010481216
	ENSRGLG00000006026	zfp110366	zinc finger protein 110366 [Source:ZFIN; Acc:ZDB-Gene-050417-302]	0.789167075	1.832760627	4.53857215	3.495467217
	ENSRGLG00000001899	coo40	coiled-coil domain containing 40 [Source:ZFIN; Acc:ZDB-Gene-060503-723]	-0.603262786	-1.683994214	3.983397427	5.064613922
	ENSRGLG00000009699	KIAA1549l	KIAA1549 like [Source:HGNC; Symbol:ACC:HGNC:24838]	-0.164699857	-0.86880876	3.79327998	4.515868251
	ENSRGLG000000017613	-	-	0	11.37427334	17.84422125	6.470422944
	ENSRGLG000000007096	rfxank	regulatory factor X-associated ankyrin-containing protein [Source:ZFIN; Acc:ZDB-Gene-050208-596]	-0.019193591	0.080758376	3.108415572	3.008948223
	ENSRGLG000000010634	-	-	1.206772076	-0.898087263	3.81727248	5.922616732
	ENSRGLG00000006572	IFT43	intraflagellar transport 43 [Source:HGNC; Symbol:ACC:HGNC:29669]	-0.693143175	0.430829467	5.237221529	4.113733887
	ENSRGLG00000007358	bnip1a	BCL2 interacting protein 1a [Source:ZFIN; Acc:ZDB-Gene-081107-44]	-3.201888369	1.615830913	7.83542029	3.018200484
	ENSRGLG000000006167	-	-	1.039938998	0.45209965	6.151972974	6.740309994
	ENSRGLG000000011661	hfs2	intraflagellar transport 52 [Source:NCBI; gene:Acc:101183244]	2.506574804	0.300283689	3.38788578	5.594661759
	ENSRGLG00000007095	-	-	2.251809441	0.011956582	4.391573297	5.901002299
	ENSRGLG00000005291	nmf5	NME/NUM2 family member 5 [Source:NCBI; gene:Acc:101162299]	-1.608791133	0.09667457	6.438607952	4.733644128
	ENSRGLG000000017228	si.zfos-223e1.2	si.zfos-223e1.2 [Source:ZFIN; Acc:ZDB-Gene-110411-269]	1.069650024	-0.101179444	6.321358948	7.492675211
	ENSRGLG000000010110	-	-	11.2942359	9.14418193	9.8473676308	9.8473676308
	ENSRGLG00000003197	claf52	clia and flagella associated protein 52 [Source:ZFIN; Acc:ZDB-Gene-050202-296]	2.616698047	1.732002081	5.199965894	6.085147921
	ENSRGLG000000007010	yfpn3	YfpN-terminal domain containing 3 [Source:ZFIN; Acc:ZDB-Gene-050208-755]	13.64087417	13.1436128	3.746220417	4.243950103
	ENSRGLG000000006353	fadk2 (l of ma	fatty acid desaturase 2 [Source:NCBI; gene:Acc:101156321]	11.98309949	0	5.483546137	17.4678452
	ENSRGLG000000010882	-	-	1.481133038	1.149487496	3.269073221	3.601203769
	ENSRGLG000000016096	-	-	0	15.77484457	15.77484427	15.77484427
	ENSRGLG000000014069	serpincl1	serpin family C member 1 [Source:NCBI; gene:Acc:101155275]	0.979473954	-0.68152649	5.990490876	7.651901859
	ENSRGLG00000005926	wdr66	WD repeat domain 66 [Source:ZFIN; Acc:ZDB-Gene-060526-328]	2.28270465	-0.890442992	8.23068402	11.40435047
	ENSRGLG000000021663	-	-	2.74579839	2.165744769	7.231574513	7.182108215
	ENSRGLG00000003102	PK3R6	phosphoinositide-3-kinase regulatory subunit 6 [Source:HGNC; Symbol:ACC:HGNC:27101]	-0.084632422	-0.752659393	3.470701743	4.13912328
	ENSRGLG00000005126	-	-	3.95644531	1.165535719	4.366677445	7.150267422
	ENSRGLG000000011990	-	-	13.67309813	11.63218641	6.44017005	8.48151446

	ENSRGLG00000002084	prss35	protease, serine, 35 [Source:ZFIN; Acc:ZDB-Gene-040704-55]	4.465405264	0.59120549	-3.250757889	0.623927177
	ENSRGLG000000013980	gata-1	Oryzias latipes hematopoietic transcription factor GATA-1 (gata-1), mRNA [Source:RefSeq; mRNA Acc:NM_001104862]	6.60908277	1.302513202	4.30097474	1.006098862
	ENSRGLG000000016335	gdkwr-19	gdkwr-19-like-194e4.1 [Source:ZFIN; Acc:ZDB-Gene-100922-Gene-041010-121]	6.087917465	-0.72014281	-9.990531405	2.818212724
	ENSRGLG000000018482	fh2b	four and a half LIM domains 2b [Source:ZFIN; Acc:ZDB-Gene-041010-121]	4.040670879	-0.689022887	-3.951841921	0.778350052
	ENSRGLG000000016164	-	-	4.533368544	-13.64884177	-4.651719264	13.53100124
	ENSRGLG00000000936	-	-	4.89962032	-2.99257098	-3.13001121	4.16266366
	ENSRGLG000000017031	hoxb13a	homeobox B13a [Source:ZFIN; Acc:ZDB-Gene-050812-11]	6.145051628	-0.069145045	-3.19712769	3.017508598
	ENSRGLG000000021111	-	-	4.103100836	-11.72168499	-3.21497014	12.61280631
	ENSRGLG00000002123	boka	BOCK, BCL2 family apoptosis regulator A [Source:ZFIN; Acc:ZDB-Gene-040801-131]	2.726668805	-0.75725236	-3.83064886	0.346142638
	ENSRGLG000000015646	-	-	4.51575064	0.956031094	-3.058117047	4.92087143
	ENSRGLG000000014950	ofmlb3	olfactomedin-like 3b [Source:ZFIN; Acc:ZDB-Gene-050302-161]	3.892381887	2.508148212	-7.770044011	2.389305131
	ENSRGLG000000017149	igfbp3	insulin like growth factor binding protein 3 [Source:HGNC; Symbol:ACC:HGNC:5477]	3.853169143	1.51851508	-5.601418567	1.227709862
	ENSRGLG000000017127	nfxa1	NADPH oxidase activator 1 [Source:ZFIN; Acc:ZDB-Gene-050913-39]	1.931882641	1.771033611	-3.310705235	-3.149373041
	ENSRGLG000000005424	cdh16	cadherin 16, KSP-cadherin [Source:ZFIN; Acc:ZDB-Gene-140106-140]	4.914190717	0.96389713	-6.602845505	0.342432165
	ENSRGLG00000001358	-	-	5.005252235	-2.632972238	-6.283795586	1.350690311
	ENSRGLG000000012084	ftv83	fntRIM family, member 83 [Source:ZFIN; Acc:ZDB-Gene-031002-111]	3.461453107	-0.435713717	-3.052628224	0.845022713
	ENSRGLG000000017214	-	-	6.441977174	1.869637057	-3.139648676	1.433174934
	ENSRGLG000000012589	foxc1	Oryzias latipes forkhead box C1 (foxc1), mRNA [Source:NCBI; gene:Acc:101169451]	5.695111848	-0.314818687	-5.601418567	0.409896984
	ENSRGLG00000002297	snoq1l	snoRNA1 [Source:NCBI; gene:Acc:101170144]	17.41584374	3.414551359	-3.738707010	6.484820197
	ENSRGLG00000000239	slc43a2b	asciic like metallo-protease [Source:NCBI; gene:Acc:00049316]	6.864075363	2.22759485	-4.44278456	-0.8076773
	ENSRGLG000000005019	slc34a2b	large neutral amino acid transporter small subunit 4 [Source:NCBI; gene:Acc:101173728]	5.444736743	1.324467199	-3.324295467	0.796458917
	ENSRGLG00000001955	-	-	3.770305076	1.543532208	-3.358383278	1.128398063
	ENSRGLG00000007217	MEP1B	meprin A subunit beta [Source:HGNC; Symbol:ACC:HGNC:7020]	6.730845105	-11.31815299	-6.509303014	11.45647763
	ENSRGLG000000012539	klf17	Kruppel-like factor 17 [Source:ZFIN; Acc:ZDB-Gene-010129-1]	5.744249129	0.135524002	-3.207883092	2.401326885
	ENSRGLG000000002682	slc12a1	solute carrier family 12 (sodium/potassium/chloride transporter), member 1 [Source:ZFIN; Acc:ZDB-Gene-080130-3]	4.923709544	-7.438820311	-4.426561328	7.936477616
	ENSRGLG000000010977	ENPP7	ectonucleotide pyrophosphatase/phosphodiesterase family member 7 [Source:NCBI; gene:Acc:101173468]	7.639288325	-1.329668306	-4.847301523	4.176136229
	ENSRGLG000000040055	-	-	5.920158156	1.429022124	-3.953125206	-0.015404297
	ENSRGLG000000003113	lygi2	lysozyme g-like 2 [Source:ZFIN; Acc:ZDB-Gene-090917-1161]	5.685368891	1.487572301	-3.276946994	0.921344511
	ENSRGLG00000010881	acta1	Oryzias latipes actin, alpha 1, skeletal muscle (acta1), mRNA [Source:RefSeq; mRNA Acc:NM_00104806]	5.927846049	-0.472017525	-6.68783216	-0.28748387
	ENSRGLG000000014020	-	-	17.89539351	10.50765334	-3.864985176	3.968719399
	ENSRGLG000000017407	foxa2	Oryzias latipes				

	ENSRORG0000012626	mapk15	mitogen-activated protein kinase 15 [Source:ZFIN,Acc:ZDB-GENE-059522-307]	3.343802499	0.200877663	4.894480177	8.027888269	
	ENSRORG0000015805	LRR3	leucine rich repeat containing 9 [Source:HGNC Symbol,Acc:HGNC:19848]	11.5322098	10.75939722	5.155751759	5.929031261	
	ENSRORG0000018250	-	-	1.687997562	-1.571293099	3.10707055	3.66684472	
	ENSRORG0000005899	-	-	12.51895799	0	4.651658694	17.17110847	
	ENSRORG0000005465	ndc80	NDC80 kinetochore complex component [Source:ZFIN,Acc:ZDB-GENE-030131-304]	-0.802445205	0.093836737	4.152380727	3.25683786	
	ENSRORG0000009580	nlgn3b	Oryzias latipes neuroligin 3b (nlgn3b), mRNA [Source:RefSeq mRNA,Acc:NM_001201508]	5.118025165	2.058656353	4.102961064	7.162793563	
	ENSRORG0000006898	tmprss12	transmembrane protease serine 11D [Source:NCBI gene,Acc:101163815]	3.342084193	2.19451699	5.187130254	6.335183366	
	ENSRORG0000012659	-	-	12.01659591	10.17525013	3.82948946	5.671302951	
	ENSRORG0000001528	lam161a	family with sequence similarity 161, member A [Source:ZFIN,Acc:ZDB-GENE-110310-11]	-0.186818947	-3.216333365	4.544198515	7.574198429	
	ENSRORG00000008394	-	-	0.338970307	-1.611834244	3.664349573	5.615639243	
	ENSRORG00000014431	-	-	-11.7910005	2.320575781	18.05106234	3.939800033	
	ENSRORG00000003798	-	-	-1.109135071	1.496233159	6.663310124	4.058427995	
	ENSRORG00000003542	-	-	5.092445731	2.17425737	4.519120656	7.437709003	
	ENSRORG00000002844	srckey_3016	synovectomin [Source:NCBI gene,Acc:101165138]	2.000775043	0.465279566	4.113886713	5.64866814	
	ENSRORG00000012645	-	-	14.48112143	0	3.60431571	13.08592890	
	ENSRORG0000015836	gabrb3	gamma-aminobutyric acid (GABA) A receptor, beta 3 [Source:ZFIN,Acc:ZDB-GENE-101102-2]	0.199941292	-0.814484341	5.526551132	5.641463725	
	ENSRORG0000016648	VASH1	vasohistin 1 [Source:HGNC Symbol,Acc:HGNC:19964]	2.752077936	0.478200109	3.577787208	5.854150839	
	ENSRORG00000001515	-	-	0	11.2399663	16.69749758	5.457984163	
	ENSRORG00000021025	RF00004	U2 spliceosomal RNA [Source:NCBI gene,Acc:111948330]	-0.997361427	0.503152328	7.337899258	5.837616151	
	ENSRORG0000018074	lamma	lamin A propeptide inhibitory molecule a [Source:ZFIN,Acc:ZDB-GENE-040718-333]	0.079912872	-0.238738185	3.857741273	4.176877041	
	ENSRORG00000051579	-	-	-0.766313446	1.219485196	5.006840685	3.075323288	
	ENSRORG00000010412	-	-	0	11.58795093	16.18172084	4.594243252	
	ENSRORG0000011835	C13orf42	uncharacterized LOC105356783 [Source:NCBI gene,Acc:105356783]	12.2499845	0	4.902681295	17.15315655	
	ENSRORG0000001237	-	-	14.68263639	10.22633994	4.63383892	9.99603069	
	ENSRORG0000021684	-	-	1.30876893	2.322030769	5.58865641	4.575862758	
	ENSRORG0000012964	-	-	0.271589972	-0.798228142	4.349849397	5.420250545	
	ENSRORG0000011543	spata17	spermatogenesis associated 17 [Source:ZFIN,Acc:ZDB-GENE-11124-1]	0.137146346	-13.336653	5.496524839	18.97803262	
	ENSRORG0000021620	-	-	1.882847172	-0.202426483	3.147717265	5.23536166	
	ENSRORG0000017759	ghhra	growth hormone releasing hormone receptor a [Source:ZFIN,Acc:ZDB-GENE-050315-2]	0.795021855	-0.001457198	4.085005057	4.881868947	
	ENSRORG00000004847	adal	adenosine deaminase-like [Source:ZFIN,Acc:ZDB-GENE-050913-145]	-0.20921279	0.372659638	3.672996565	3.091609054	
	ENSRORG00000000176	-	-	1.390940685	0.518509421	6.044829284	6.917743394	
	ENSRORG0000010304	efcab7	EF-hand calcium binding domain 7 [Source:NCBI gene,Acc:101154938]	-0.084926385	-0.08483363	7.35003478	3.75339635	
	ENSRORG00000010901	nicn1	nicotinic [Source:NCBI gene,Acc:101161020]	1.536772833	-0.494034617	3.705100756	5.79339946	
	ENSRORG0000005866	uk4	unc-51 like kinase 4 [Source:ZFIN,Acc:ZDB-GENE-100922-243]	13.18645475	10.92436716	5.831252611	8.093801079	
	ENSRORG0000010104	wdr54	WD repeat domain 54 [Source:NCBI gene,Acc:101162217]	1.545116508	0.201060986	4.325708887	5.67024884	
	ENSRORG00000036005	NT5C3B (1 of 5)	5-nucleotidase, cytosolic IIIb [Source:HGNC Symbol,Acc:HGNC:28300]	-0.722723521	-0.309244835	3.80627133	3.39277618	
	ENSRORG00000070505	pyt11ba	phosphate cytidylyltransferase 1, choline, beta [Source:NCBI gene,Acc:101166014]	1.921598149	-10.95880088	3.299611625	16.17972408	
	ENSRORG0000008566	TDX9	transcript expressed 9 [Source:HGNC Symbol,Acc:HGNC:29585]	0.380564865	-0.069127268	9.503300826	9.953482739	
	ENSRORG0000006342	-	-	2.251390936	-0.430164844	3.934154685	6.616711086	
	ENSRORG00000090925	konip3b	Kv channel interacting protein 3b, calseinin [Source:ZFIN,Acc:ZDB-GENE-040426-1752]	0	13.33483472	16.34771513	10.31352021	
	ENSRORG0000010958	-	-	-12.35683708	-0.733688969	15.90788008	4.284918043	
	ENSRORG0000005158	-	-	2.626685947	0.954122219	3.819075225	5.492123181	
	ENSRORG0000010598	-	-	15.2498949	12.15918703	3.64304516	6.734223201	
	ENSRORG0000007694	-	-	0	11.54400328	15.62719301	4.083662322	
WTT vs WTD	1945	ENSRORG00000002393	aplp2	amyloid beta (A4) precursor-like protein 2 [Source:ZFIN,Acc:ZDB-GENE-061039-28]	3.318780979	0.342371246	-2.441628181	0.535268342
	ENSRORG0000012907	dsr1	discoidin domain receptor tyrosine kinase 1 [Source:ZFIN,Acc:ZDB-GENE-060323-2]	4.52709617	2.282370136	-0.436485258	1.808720174	
	ENSRORG0000003427	dyf1	dyfelin, limb girdle muscular dystrophy 2B (autosomal recessive) [Source:ZFIN,Acc:ZDB-GENE-070501-1]	3.973765331	1.433126937	1.433126937	1.478001881	
	ENSRORG0000010507	myoz1b	myozenin 1b [Source:ZFIN,Acc:ZDB-GENE-040718-146]	6.054058378	0.956559368	-1.174089301	3.923969921	
	ENSRORG0000011813	tc7f11	Oryzias latipes transcription factor 7 like 1 (tc7f11), mRNA [Source:RefSeq mRNA,Acc:NM_001252248]	3.818289685	1.504308326	-0.837752186	1.475154401	
	ENSRORG0000002997	fbpa1a (1 of 4)	fructose-1,6-bisphosphatase 1 [Source:NCBI gene,Acc:101156992]	6.014616333	0.098184466	-4.290681973	1.626233741	
	ENSRORG0000015869	-	-	3.741877638	0.704733061	-2.206320929	0.831302929	
	ENSRORG00000000338	pcrbp	prolactin receptor b [Source:ZFIN,Acc:ZDB-GENE-070705-155]	3.180821458	0.266799915	-9.293807196	0.510930604	
	ENSRORG0000006776	srckey_243k1	endonuclease domain-containing 1 protein [Source:NCBI gene,Acc:101169485]	5.76360777	0.108113808	-5.146194058	-0.009784825	
	ENSRORG00000004097	ROBO2	roundabout guidance receptor 2 [Source:HGNC Symbol,Acc:HGNC:10250]	3.592276173	1.631865765	-0.474008906	1.487068639	
	ENSRORG0000017694	map3k5	mitogen-activated protein kinase kinase 5 [Source:ZFIN,Acc:ZDB-GENE-030827-3]	3.180160968	0.318152516	-2.44476452	0.41772881	
	ENSRORG0000014328	-	-	4.641407538	2.648002418	-2.477954098	-0.484064325	
	ENSRORG0000013959	-	-	7.003727024	-3.958060431	2.298027252	0.095007252	
	ENSRORG0000017374	gata4	GATA binding protein 4 [Source:ZFIN,Acc:ZDB-GENE-980526-476]	3.904115067	2.744287533	-0.360730135	0.799581474	
	ENSRORG00000021472	RF00090	small nuclear RNA SNORA74 [Source:NCBI gene,Acc:111948088]	3.996880456	0.772366631	-1.2339749	1.99123855	
	ENSRORG0000002321	fd6b	frizzled class receptor 6 [Source:ZFIN,Acc:ZDB-GENE-040426-1451]	3.172177999	1.170710854	0.12948439	1.550134848	
	ENSRORG0000003028	-	-	4.470196055	1.890296903	-0.864309333	1.716074917	
	ENSRORG00000004949	thbs4b	thrombospondin 4b [Source:ZFIN,Acc:ZDB-GENE-020708-4]	4.547412772	-0.654813907	-3.710113861	1.492597664	

	ENSRORG00000002431	-	-	-	-	-	-
	ENSRORG0000017608	cx32.3	connexin 32.3 [Source:ZFIN,Acc:ZDB-GENE-030131-1337]	7.237313134	2.814664365	-3.026516259	1.386624743
	ENSRORG00000003862	fn1b	fibronectin 1b [Source:ZFIN,Acc:ZDB-GENE-030131-655]	6.48928282	0.411086148	-5.389384259	0.682297762
	ENSRORG00000000857	airp71-68	airp71-68n219 [Source:ZFIN,Acc:ZDB-GENE-081105-691]	4.065328579	0.413072311	-3.893585318	0.559213809
	ENSRORG00000002426	zpc:1159z	zpc:1159z [Source:ZFIN,Acc:ZDB-GENE-090220-231]	4.100083285	0.286149234	-8.834292336	-0.555187973
	ENSRORG00000000501	-	-	7.708008501	2.389089241	-6.959898966	-2.739417255
	ENSRORG0000016428	-	-	5.903923266	0.508623717	-6.08682356	-0.610799074
	ENSRORG00000009643	MAF	MAF E2F transcription factor [Source:HGNC Symbol,Acc:HGNC:6776]	6.183049761	1.57612217	-4.810948029	-0.203536051
	ENSRORG00000007902	hmc12a	homeobox protein Hox-C12a [Source:NCBI gene,Acc:101173058]	5.840618686	-0.473806594	-3.313495165	3.001292745
	ENSRORG00000003247	foxd1	Oryzias latipes foxd1b box D1 (foxd1), mRNA [Source:RefSeq mRNA,Acc:NM_001160452]	3.866480597	0.075003798	-4.468793712	-0.676830569
	ENSRORG00000016373	twist3	twist3 [Source:ZFIN,Acc:ZDB-GENE-061013-388]	5.648500059	-2.4557753	-4.61393852	3.490829865
	ENSRORG00000002015	deop1	deop1 [Source:ZFIN,Acc:ZDB-GENE-061013-388]	6.278980683	-2.246704827	-6.07593953	3.888719046
	ENSRORG00000000213	cldn1	claudin 1 [Source:ZFIN,Acc:ZDB-GENE-010328-9]	7.015869857	1.73556816	-5.86301023	-0.582199188
	ENSRORG00000002396	FBLN1 (1 of 1)	fibulin 1 [Source:HGNC Symbol,Acc:HGNC:3600]	3.973990209	0.532417758	-4.006286771	-0.564106897
	ENSRORG0000013582	trvisn.2	trvisn.2 [Source:NCBI gene,Acc:101161921]	7.498538101	1.546689853	-6.370625912	-0.418501767
	ENSRORG0000016784	RG36	regulator of G protein signaling 6 [Source:HGNC Symbol,Acc:HGNC:19002]	2.234070787	-0.636667212	-3.78465236	-0.913429239
	ENSRORG00000000487	ep8f3a	EP8f3a like 3a [Source:ZFIN,Acc:ZDB-GENE-091204-460]	4.300571721	-1.093588391	-3.29049925	2.104145709
	ENSRORG00000000858	pitx1	paired-like homeobox domain 1 [Source:ZFIN,Acc:ZDB-GENE-060421-3623]	5.305718698	0.429706529	-3.159373984	1.717124567
	ENSRORG00000002303	-	-	6.305718698	0.429706529	-3.159373984	1.717124567
	ENSRORG0000017946	apoda2	apoda2 [Source:NCBI gene,Acc:101167573]	16.6994368	10.96206886	-3.872655377	1.98515079
	ENSRORG0000010290	poicea	procollagen C-endopeptidase enhancer a [Source:ZFIN,Acc:ZDB-GENE-041014-370]	8.428454749	3.278859	-20.60613079	-15.45624896
	ENSRORG0000011244	ank1b	ankyrin 1, erythrocytic b [Source:ZFIN,Acc:ZDB-GENE-091113-6]	6.404069371	1.623797028	-4.148510213	-1.167752824
	ENSRORG0000010562	-	-	5.531184224	-7.573896238	-8.015517382	4.000068833
	ENSRORG0000018030	-	-	3.984543836	0.323846136	-3.839368617	-0.177286724
	ENSRORG0000004987	HMOX2 (1 of 1)	hemoxylin A2 [Source:HGNC Symbol,Acc:HGNC:5103]	5.113148006	2.548746231	-3.48671471	-0.83052005
	ENSRORG0000001080	kdh	vanthine dehydrogenase [Source:ZFIN,Acc:ZDB-GENE-070719-9]	5.830762083	1.75015232	-3.137763498	0.935321201
	ENSRORG0000014439	CEL	bile salt-activated lipase [Source:NCBI gene,Acc:101172470]	5.58024666	-1.389756817	-3.42916416	3.42916416
	ENSRORG00000015628	-	-	6.104418832	1.656494649	-4.898853562	-0.450985808
	ENSRORG00000003253	patm	glycine amidinotransferase (L-arginine glycine amidinotransferase) [Source:ZFIN,Acc:ZDB-GENE-021015-1]	1.280211389	-0.276017278	-3.87609299	-2.142300288
	ENSRORG0000001079	-	-	6.738761245	2.773884501	-4.275487892	-0.310386403
	ENSRORG0000001820	rasf3	RAS protein activator like 3 [Source:ZFIN,Acc:ZDB-GENE-101130-3]	7.01531894	2.36316857	-3.115769893	1.536875628
	ENSRORG0000001400	-	-	4.206408			

ENSRORL00000015095	prpf39	PRPF39 pre-mRNA processing factor 39 homolog (yeast) [Source:ZFIN,Acc:ZDB-GENE-030616-420]	3.680010812	1.380407899	-0.448131495	1.851956198
ENSRORL00000017918	ackr4a	physical chemoattractant receptor 4a [Source:ZFIN,Acc:ZDB-GENE-073031-6]	3.406551601	2.250724654	-1.387254212	-0.230942429
ENSRORL00000012666	hpcal1	hippocalin-like protein 1 [Source:NCBI gene,Acc:101117195]	4.268542979	2.308399373	0.4734192	2.434048622
ENSRORL00000013166	fgl2a	fibrinogen-like 2a [Source:ZFIN,Acc:ZDB-GENE-030131-9560]	4.062427488	1.763563423	-2.283990549	0.01535771
ENSRORL00000003107	foxo1	Oryzias latipes forkhead box O1 (foxo1), mRNA [Source:RefSeq, mRNA,Acc:NM_01160464]	3.084425391	0.309850632	-0.292273372	0.682785875
ENSRORL00000001436	cdth10a	protodherin 10a [Source:ZFIN,Acc:ZDB-GENE-020731-1]	3.895698429	0.58829073	-1.723411701	1.584143905
ENSRORL00000007245	mvx1	murine retrovirus integration site 1 homolog [Source:ZFIN,Acc:ZDB-GENE-120221-4]	3.400419307	1.169915452	0.446684778	2.677853388
ENSRORL000000010593	zan1	zonadhesin, like [Source:ZFIN,Acc:ZDB-GENE-060131-2]	5.732969331	-1.58705448	-4.623218465	2.69731147
ENSRORL000000021760	-	-	4.334080371	1.057189155	-0.953579993	2.323796203
ENSRORL000000015797	srgap2	SLIT-ROBO Rho GTPase activating protein 2 [Source:ZFIN,Acc:ZDB-GENE-060915-9]	3.041644811	1.29789519	-1.13073343	0.631161196
ENSRORL000000016997	ipl	lipoprotein lipase [Source:ZFIN,Acc:ZDB-GENE-990415-138]	3.205364917	0.732280669	-1.142948885	1.330622172
ENSRORL000000014825	-	-	6.108155378	2.433089903	-0.702627192	2.915278786
ENSRORL000000005129	pftr2	glutamine-fructose-6-phosphate transaminase 2 [Source:ZFIN,Acc:ZDB-GENE-071113-11]	5.066022869	-0.239634028	-4.0819431	1.224237919
ENSRORL00000008092	znc175248	zinc finger 175248 [Source:ZFIN,Acc:ZDB-GENE-080204-93]	3.449742108	-1.380591884	-0.891175265	3.938642917
ENSRORL00000001336	-	-	6.789547216	3.09174718	-6.107651016	-0.48611011
ENSRORL000000015566	-	-	3.232061468	1.147132545	-0.83845993	0.965740054
ENSRORL000000016706	lam120c	family with sequence similarity 120C [Source:ZFIN,Acc:ZDB-GENE-080313-228]	3.478525903	0.68711009	-1.531675403	1.026829024
ENSRORL00000008293	crsp1a	cysteine and glycine-rich protein 1a [Source:ZFIN,Acc:ZDB-GENE-030909-4]	4.153165039	2.53471335	1.300076372	2.920255337
ENSRORL000000012154	rbm38	RNA binding motif protein 38 [Source:ZFIN,Acc:ZDB-GENE-030131-5923]	4.061509811	1.80926718	-3.788687811	-1.535959873
ENSRORL000000040786	pdgfrb	platelet-derived growth factor receptor, beta [Source:ZFIN,Acc:ZDB-GENE-030905-2]	3.102661684	2.057953473	-1.68237215	-0.637043821
ENSRORL00000003229	prickle1a	prickle homolog 1a [Source:ZFIN,Acc:ZDB-GENE-030724-5]	3.631051088	2.016885028	-0.899594656	0.715059907
ENSRORL000000015184	dusp5	dual specificity phosphatase 5 [Source:ZFIN,Acc:ZDB-GENE-010625-1]	5.425136084	2.049056472	-1.21237937	2.164187027
ENSRORL000000004772	gna14	guanine nucleotide-binding protein subunit alpha-11 [Source:NCBI gene,Acc:101168134]	3.050439658	1.011527068	0.362541801	2.401939253
ENSRORL00000004564	hnf1ba	HNF1B homeobox B [Source:ZFIN,Acc:ZDB-GENE-020104-1]	6.613013984	0.352690718	-3.852870183	2.407935855
ENSRORL000000012339	lam84b	family with sequence similarity 84, member B [Source:ZFIN,Acc:ZDB-GENE-080929-119]	3.48898438	0.786395413	-1.107404085	1.596880372
ENSRORL000000011475	sc29a3	transcription, member 3 [Source:ZFIN,Acc:ZDB-GENE-081107-46]	3.412717657	0.69080187	-0.122735475	0.599666545
ENSRORL000000017465	cx3c.4	connexin 35.4 [Source:ZFIN,Acc:ZDB-GENE-050417-107]	5.172718361	0.310958033	-0.294058033	2.768188321
ENSRORL000000016323	-	-	5.8848829	1.602977613	-2.481501706	1.800681392
ENSRORL00000004817	PTPFR	protein tyrosine phosphatase, receptor type 5 [Source:HGNC Symbol,Acc:HGNC:3661]	3.733122641	0.204169294	-0.855172811	0.673728259
ENSRORL00000009594	ovalb1 (1 of 2)	ovalbumin 1 [Source:ZFIN,Acc:ZDB-GENE-040625-57]	6.567006946	1.641268733	-4.447429873	0.478793284
ENSRORL00000000949	TMEM100	transmembrane protein 100 [Source:NCBI gene,Acc:101174190]	4.759468997	0.622772153	-3.014621936	1.122651934
ENSRORL000000008991	EPHA4	EPH receptor A4 [Source:HGNC Symbol,Acc:HGNC:3388]	3.909653984	1.854799294	-1.172746344	3.320894062
ENSRORL000000016108	tuba8f3	tubulin alpha-1A chain-like [Source:NCBI gene,Acc:101168346]	3.234411958	2.333917959	0.347629593	1.24860952
ENSRORL00000001797	tnrc2	tropomyosin C, skeletal muscle [Source:ZFIN,Acc:ZDB-GENE-101171829]	4.066024637	-0.153793838	-3.965722921	0.254802825
ENSRORL00000003311	-	-	4.311529836	-0.166456988	-1.907560434	2.570905434
ENSRORL000000014507	wrl13ba	Wntless family member 13Ba [Source:ZFIN,Acc:ZDB-GENE-070521-1]	4.340947751	1.903995295	-0.644082141	1.79335438
ENSRORL000000008367	prom2	prominin 2 [Source:ZFIN,Acc:ZDB-GENE-080723-16]	3.509035725	2.650896475	-0.477796385	-
ENSRORL00000004396	hsp1	HMG-box transcription factor 1 [Source:ZFIN,Acc:ZDB-GENE-050522-414]	4.000994126	1.804249184	0.13842785	2.335657431
ENSRORL000000012739	dec1a	Oryzias latipes DLH1 protein DEC1a (dec1a), mRNA [Source:RefSeq, mRNA,Acc:NM_001104731]	3.070121004	1.25596741	-1.66507323	0.149560953
ENSRORL00000007659	bat1c1a	BAH domain and coiled-coil containing 1a [Source:ZFIN,Acc:ZDB-GENE-170301-1]	3.69989242	2.148832769	-0.614437372	0.936304162
ENSRORL000000015690	-	-	6.87448947	2.146669847	-1.466602877	3.199574123
ENSRORL00000002751	-	-	4.466840812	1.514237337	-3.656678047	-0.703588856
ENSRORL000000006744	-	-	4.642196353	1.968179414	-0.2731957	2.401310599
ENSRORL000000011773	NTF5C3B (1 of 5)	5'-nucleotidase, cytosolic 11B [Source:HGNC Symbol,Acc:HGNC:28300]	4.545861772	2.062058679	0.397641193	2.881931887
ENSRORL000000011260	-	-	16.52339365	12.01494453	-4.65379242	-0.149023062
ENSRORL000000012204	infrs1a	tumor necrosis factor receptor superfamily, member 1a [Source:ZFIN,Acc:ZDB-GENE-040626-292]	4.171160794	2.739640142	0.749237242	2.14932378
ENSRORL00000003459	saem1b	SAC1 like phosphatidylinositol phosphatase b [Source:ZFIN,Acc:ZDB-GENE-070112-547]	3.290494605	1.577483136	-0.771023999	0.942472634
ENSRORL000000009143	SPOCK2	SPARC (osteonectin), ovine and kazal like domains proteoglycan 2 [Source:HGNC Symbol,Acc:HGNC:13564]	4.886831932	0.681794482	-3.289488626	0.916032911
ENSRORL000000015101	slc13a3	solute carrier family 13 member 3 [Source:NCBI gene,Acc:101123224]	5.454241255	-2.10344218	-3.120776117	4.437278924
ENSRORL000000017938	apocd1	apolipoprotein D [Source:NCBI gene,Acc:101167075]	5.082405188	2.03372608	-4.616334186	-1.567529338
ENSRORL000000013603	tryp	Oryzias latipes trypsinogen (tryp), mRNA [Source:RefSeq, mRNA,Acc:NM_001104900]	6.722881284	1.892860411	-6.321638049	-0.591130368
ENSRORL000000013980	gata-1	Oryzias latipes hematopoietic transcription factor GATA-1 (gata-1), mRNA [Source:RefSeq, mRNA,Acc:NM_001104889]	6.608098277	1.30251302	-4.30097476	1.006098682
ENSRORL000000004873	rasa3	RAS GTP protein activator 3 [Source:ZFIN,Acc:ZDB-GENE-090313-21]	3.761048586	1.61087599	-1.048830156	1.101826997
ENSRORL000000009847	smnl1	smoothened, like [Source:ZFIN,Acc:ZDB-GENE-040212-11]	3.188577859	2.424526653	-3.174968847	-0.610433112
ENSRORL00000002057	neul1	neuropilin-1 [Source:ZFIN,Acc:ZDB-GENE-080503-859]	3.385000873	0.263535423	-2.58205002	0.565749848
ENSRORL000000080406	efn2	endothelin 2 [Source:ZFIN,Acc:ZDB-GENE-060503-774]	3.690352906	2.384006495	-1.312852917	-0.062021174
ENSRORL000000007442	hgd	homogentate 1,2-dioxygenase [Source:NCBI gene,Acc:101170627]	4.048000948	0.350752572	-1.239344313	2.458389868
ENSRORL000000016335	slc14ey-194e6	slc14ey-194e6.1 [Source:ZFIN,Acc:ZDB-GENE-100922-43]	6.08794765	-0.72014281	-3.990351405	2.818251224
ENSRORL000000011153	-	-	3.804554596	2.00354915	1.051118716	2.85269374
ENSRORL000000008813	wnt5a	wntless-type MMTV integration site family, member 5a [Source:ZFIN,Acc:ZDB-GENE-060329-3]	4.427720753	1.084308089	-1.84720138	1.496896355
ENSRORL000000011430	ptpb1b	poly(pyrimidine tract binding protein) 1 [Source:NCBI gene,Acc:101165926]	3.270733471	0.678377983	0.114302256	2.707142679

ENSRORL00000017041	HOBX5 (1)	homeobox B5 [Source:HGNC Symbol,Acc:HGNC:5116]	5.17301842	1.58571786	-4.85580005	-1.268072783
ENSRORL00000017492	sp9	Sp9 transcription factor [Source:NCBI gene,Acc:101162490]	5.492717144	-0.137475663	-3.0489747	2.581702422
ENSRORL00000004788	ppargc1a	peroxisome proliferator-activated receptor gamma, coactivator 1 alpha [Source:ZFIN,Acc:ZDB-GENE-080505-1]	5.857486152	-1.218823043	-3.002275632	4.07451885
ENSRORL00000017013	col1	collagen type I alpha 1 [Source:NCBI gene,Acc:101144368]	5.191811628	2.204410913	-3.977964556	-0.950079044
ENSRORL000000004326	tryp1a	trypsin-related protein 1a [Source:ZFIN,Acc:ZDB-GENE-070718-21]	4.948163131	0.360301499	-3.143251459	1.445049707
ENSRORL000000005033	slc34a1a	solute carrier family 34 (type II sodium/phosphate cotransporter), member 1a [Source:ZFIN,Acc:ZDB-GENE-101006-3]	6.094690897	0.354673694	-6.932382838	-1.192757079
ENSRORL000000005297	pcp1	Oryzias latipes hemoglobin embryonic unit alpha-like (LOC101155300), mRNA [Source:RefSeq, mRNA,Acc:NM_001278898]	8.600170769	2.956423589	-3.487102863	2.170266804
ENSRORL000000015202	adams1s	ADAM metalloproteinase with thrombospondin type 1 motif, 15b [Source:ZFIN,Acc:ZDB-GENE-070814-5]	4.657183288	1.342555331	-3.805973502	-0.480890161
ENSRORL000000001340	-	-	4.858232369	1.681708476	-4.778063521	-1.600963203
ENSRORL000000004586	ela2i	chymotrypsin-like elastase family member 2A [Source:NCBI gene,Acc:101188781]	7.410065549	2.399678539	-5.846825611	-0.835953071
ENSRORL00000017048	homb3a	hombrox B3a [Source:ZFIN,Acc:ZDB-GENE-990415-104]	6.115488673	0.753845706	-4.432852147	1.923252633
ENSRORL000000005190	scrlb1	gelatin [Source:NCBI gene,Acc:101159773]	5.432171473	0.918626042	-3.289359335	1.22467665
ENSRORL00000000240	-	-	7.184859465	-11.77195159	-5.398568721	13.56145025
ENSRORL00000000217	-	-	6.611908676	-0.163535351	-5.543566187	3.276310705
ENSRORL0000001138	-	-	5.064801545	-0.675740074	-0.82865273	-
ENSRORL00000004222	fat3	foliastatin-like 3 (secreted glycoprotein) [Source:ZFIN,Acc:ZDB-GENE-050913-111]	3.544933568	-0.597288362	-4.403607591	0.260090531
ENSRORL000000004990	adams1	ADAM metalloproteinase with thrombospondin type 1 motif, 1 [Source:ZFIN,Acc:ZDB-GENE-070814-1]	3.587769774	1.5020392	-3.501730711	-1.244784781
ENSRORL000000013041	-	-	5.572424885	3.03447117	-4.93587584	-2.397436318
ENSRORL000000002764	slc14eyp-8ff7.4	slc14eyp-8ff7.4 [Source:ZFIN,Acc:ZDB-GENE-091204-252]	5.382815724	-0.354390362	-3.29617531	2.44151572
ENSRORL000000010322	cpb1	carboxypeptidase B1 [Source:NCBI gene,Acc:101169819]	7.051475306	0.985571272	-6.777844683	-0.711455828
ENSRORL00000007955	hoxc4	Oryzias latipes homeobox C4 (hoxc4), mRNA [Source:RefSeq, mRNA,Acc:NM_001104878]	3.469530974	0.69280756	-0.623429459	0.247144143
ENSRORL00000013386	tmed6	transmembrane G24 trafficking protein 6 [Source:ZFIN,Acc:ZDB-GENE-131211-192]	6.210161904	3.275843885	-3.409458423	-0.473655099
ENSRORL000000002030	gb	Oryzias latipes hemoglobin beta-1-like (gb), mRNA [Source:RefSeq, mRNA,Acc:NM_001278824]	6.325032807	0.111864033	-3.950626181	2.263027464
ENSRORL00000007672	-	-	5.652550364	1.1307624	-3.84447124	0.677801249
ENSRORL000000010663	ela3i	chymotrypsin-like elastase family member 2A [Source:NCBI gene,Acc:101165737]	10.01339013	3.57369657	-17.5845459	-11.14479206
ENSRORL000000012158	rab25a	RAB25, member Ras oncogene family member 2A [Source:ZFIN,Acc:ZDB-GENE-041212-69]	5.827123876	-0.257157534	-3.240282519	2.944482738
ENSRORL00000007893	-	-	7.288083566	-11.10417938	-4.517937813	13.83083009
ENSRORL00000005173	casz1	castor zinc finger 1 [Source:ZFIN,Acc:ZDB-GENE-061031-108]	2.492966077	-0.497476895	-3.034956522	-0.044028601
ENSRORL000000015899	-	-	4.021738524	-2.534824635	-4.075888238	2.481161094
ENSRORL00000007133	-	-	3.471395602	-13.15945603	-3.25709673	

ENSRGLG0000012482	hit2b	four and a half LIM domains 2b [Source:ZFIN;Acc:ZDB-GENE-041010-121]	4.040670879	-0.689022887	-3.951841921	0.778335052
ENSRGLG0000015280	ZC3H12D	zinc finger CCHC-type containing 12D [Source:HGNC Symbol;Acc:HGNC:21175]	4.520462764	1.323955134	-2.234744924	0.962247948
ENSRGLG0000017965	dapk3	death associated protein kinase 3 [Source:NCBI gene;Acc:101188492]	3.067270324	2.114616104	1.612597984	2.565737302
ENSRGLG0000007807	rims2b	RNA binding motif, single stranded interacting protein 2b [Source:ZFIN;Acc:ZDB-GENE-040803-511]	3.245844635	2.616493411	-0.102917847	-0.383061652
ENSRGLG0000003778	malb	myelin and lymphocyte protein-like [Source:NCBI gene;Acc:101155876]	3.444916317	0.314675256	-0.253526558	2.877199395
ENSRGLG0000000818	fat1a	FAT atypical cadherin 1a [Source:ZFIN;Acc:ZDB-GENE-050425-1]	3.028095048	0.917585545	-1.605760033	1.505234235
ENSRGLG0000003230	-	corticotropin-releasing factor-binding protein [Source:NCBI gene;Acc:101156980]	4.103100836	-11.72416849	-3.214970114	12.61289631
ENSRGLG0000013393	-	-	3.278520064	-1.114789866	-2.450979318	-0.288764633
ENSRGLG0000006697	map3k10	mitogen-activated protein kinase kinase 10 [Source:ZFIN;Acc:ZDB-GENE-050419-112]	4.989611411	0.778796774	-1.772456752	2.438838829
ENSRGLG0000007888	tdp5a	P53, Rb1, GGF and p49 domain containing 5a [Source:ZFIN;Acc:ZDB-GENE-090429-3]	4.982918789	2.401042188	-0.011140641	2.571220544
ENSRGLG00000008627	copcd2	pouey domain containing 2 [Source:NCBI gene;Acc:101170131]	3.926474855	-2.04467981	-1.119759843	0.762520529
ENSRGLG0000013644	-	-	4.651016141	0.082959982	-8.830075408	0.738468066
ENSRGLG00000005923	prf1a	proctin receptor a [Source:ZFIN;Acc:ZDB-GENE-080103-2]	4.397184781	0.458533916	-1.268379254	2.67075623
ENSRGLG0000006052	DOK7	docking protein 7 [Source:HGNC Symbol;Acc:HGNC:26594]	3.711645127	1.36660147	-0.87660594	1.466877845
ENSRGLG00000007210	tmprss13a	transmembrane serine protease 13a [Source:ZFIN;Acc:ZDB-GENE-090309-3]	4.388386449	0.342651045	-0.306672727	2.63195244
ENSRGLG00000001727	noxa1	NADPH oxidase activator 1 [Source:ZFIN;Acc:ZDB-GENE-050913-28]	4.914190217	0.969398713	-3.602845505	0.342432195
ENSRGLG00000017167	tmem200a	transmembrane protein 200A [Source:ZFIN;Acc:ZDB-GENE-040724-81]	3.276279029	1.944003602	-1.940297919	-0.6081862
ENSRGLG00000008314	-	-	6.225227007	2.472159241	-1.560358249	2.193194063
ENSRGLG00000015775	adora2aa	adenosine A2a receptor a [Source:ZFIN;Acc:ZDB-GENE-080723-28]	5.759024461	2.581598369	-1.740793057	1.437126706
ENSRGLG00000009455	lam20ca	family with sequence similarity 20, member Ca [Source:ZFIN;Acc:ZDB-GENE-130529-759]	3.174251416	0.759921342	-0.107369257	1.34112851
ENSRGLG00000006001	ad3b3	adducin 3 (gamma) b [Source:ZFIN;Acc:ZDB-GENE-080718-6]	3.897416475	2.661571946	-0.029920171	1.206409203
ENSRGLG0000001062	mctp1b	multiple C2 domains, transmembrane 1b [Source:ZFIN;Acc:ZDB-GENE-090313-382]	4.304010036	3.343102685	-0.867541213	1.00385211
ENSRGLG00000003626	ofmln1b	olfactomedin 1b [Source:NCBI gene;Acc:101160252]	3.940923833	1.436640576	-1.221378909	0.28398997
ENSRGLG0000005995	sulf1a6	sulfotransferase family 1A member 4 [Source:NCBI gene;Acc:100125513]	3.459076404	1.623905277	-2.168009801	-0.332353833
ENSRGLG0000016110	-	-	6.156951286	3.063470661	-2.538390303	0.557126082
ENSRGLG00000014658	col5a2a	collagen, type V, alpha 2a [Source:ZFIN;Acc:ZDB-GENE-030616-13]	4.1099722	1.538913392	-2.960706024	-0.389062483
ENSRGLG000000010340	si.ch211-285f1	si.ch211-285f1.1 [Source:ZFIN;Acc:ZDB-GENE-090607-77]	3.102813598	0.877112586	-1.22545544	1.000670521
ENSRGLG000000012270	tmc8	transmembrane channel-like 8 [Source:ZFIN;Acc:ZDB-GENE-080114-2]	4.15009734	1.833795088	-2.225118562	0.091669303
ENSRGLG0000005095	stgs1 (1 of m)	prostaglandin-endoperoxide synthase 1 [Source:ZFIN;Acc:ZDB-GENE-020530-1]	3.874894712	2.107335716	-1.957549931	-0.189516498
ENSRGLG00000016556	epor	erythropoietin receptor [Source:NCBI gene;Acc:101163579]	4.945361004	0.459058895	-2.37281736	-0.11406902
ENSRGLG00000002378	gata5	GATA binding protein 5 [Source:ZFIN;Acc:ZDB-GENE-980526-340]	3.891284209	2.133357094	-0.712327363	1.048095217
ENSRGLG0000011358	-	-	3.461453107	-0.435713177	-3.052629824	0.804502713
ENSRGLG0000007935	hox2b	Oryxias latipes homeobox Cb (hox2b), mRNA [Source:RefSeq mRNA;Acc:NM_0163250]	3.457910947	1.089644107	-1.746035828	0.622896052
ENSRGLG00000006224	tgmb5l	transglutaminase 5, like [Source:ZFIN;Acc:ZDB-GENE-110411-176]	3.557556321	-0.095230723	-1.699915602	1.9533914
ENSRGLG0000013083	-	-	6.719332656	1.724741547	-1.425415613	2.565890129
ENSRGLG0000012566	dsela	dermatan sulfate epimerase like a [Source:ZFIN;Acc:ZDB-GENE-030131-7517]	4.222584146	2.547209171	-1.706681231	-0.030821364
ENSRGLG00000010158	DACT1	dishevelled binding antagonist of beta catenin 1 [Source:HGNC Symbol;Acc:HGNC:17748]	3.586898885	1.423745336	-0.618326959	1.545310803
ENSRGLG00000011821	-	-	3.088962739	0.11844079	-0.992623897	1.97838397
ENSRGLG0000016887	vegfab	vascular endothelial growth factor Ab [Source:ZFIN;Acc:ZDB-GENE-030131-4605]	3.937319236	3.225007841	1.795461192	2.463599988
ENSRGLG00000012084	trf83	Int1RIM family, member 83 [Source:ZFIN;Acc:ZDB-GENE-031002-111]	6.441977174	1.869637057	-3.139648676	1.433174934
ENSRGLG00000017214	-	interferon alpha-inducible protein 27-like protein 2 [Source:NCBI gene;Acc:101155558]	5.695111848	-0.314818867	-5.601418588	0.408996984
ENSRGLG0000011345	kirrel1a	kirie like rephrin family adhesion molecule 1a [Source:ZFIN;Acc:ZDB-GENE-040426-2128]	3.349997608	0.989800543	-1.465473546	0.89520855
ENSRGLG00000005021	-	-	4.161529169	1.634953584	0.192738733	2.719798590
ENSRGLG000001937	cyp11c2	cytochrome P450, family 1, subfamily C, polypeptide 2 [Source:ZFIN;Acc:ZDB-GENE-050705-1]	3.364389098	2.243578864	-1.442523864	-0.321228292
ENSRGLG00000010043	-	-	3.189333566	2.116567544	0.660588265	1.733838973
ENSRGLG00000007120	-	-	4.359733866	2.399379677	0.629562662	2.234748602
ENSRGLG00000012589	foxc1	Oryxias latipes forkhead box C1 (foxc1), mRNA [Source:RefSeq mRNA;Acc:NM_01160451]	17.41564374	12.50029168	-3.019052491	1.89676639
ENSRGLG00000013232	-	-	3.108653669	0.768629856	-1.265808944	1.074699448
ENSRGLG000000000000	doc9b	dedicator of cytokinesis 9b [Source:ZFIN;Acc:ZDB-GENE-090916-2]	3.114297783	0.829632501	-0.723287444	1.561862355
ENSRGLG00000012302	scrib	scribble planar cell polarity protein [Source:ZFIN;Acc:ZDB-GENE-030616-572]	3.174071444	1.005525543	-0.872261345	1.296769427
ENSRGLG00000011752	-	-	4.115908297	2.586607373	-1.656640037	-0.12631978
ENSRGLG00000015664	rga5	integrin, alpha 5 (fibronectin receptor, alpha polypeptide) [Source:ZFIN;Acc:ZDB-GENE-031116-52]	4.422230213	1.813017357	-1.059746508	1.549951741
ENSRGLG00000001444	ttc7a	tetratricopeptide repeat domain 7A [Source:ZFIN;Acc:ZDB-GENE-010319-27]	6.258332859	2.326592802	-1.330723205	2.601497991
ENSRGLG00000003462	-	-	16.4908443	12.04407645	-2.970725243	1.476510956
ENSRGLG00000001955	-	-	3.770305076	1.543352308	-3.355832378	-1.128398063
ENSRGLG00000002772	cdc42ep1a	CDC42 effector protein (Rho GTPase binding) 1a [Source:ZFIN;Acc:ZDB-GENE-121128-3]	3.374649178	1.140165167	-0.613882184	1.161896541
ENSRGLG00000017217	MEP1B	mesprin A subunit beta [Source:HGNC Symbol;Acc:HGNC:7020]	6.730845105	-11.31815299	-6.593030314	11.45647763
ENSRGLG00000012539	hrl1	Kruppel-like factor 17 [Source:ZFIN;Acc:ZDB-GENE-010129-11]	5.744249129	0.135524002	-3.207883082	2.401326985
ENSRGLG00000015821	-	-	3.7037371	-1.190263554	-0.75469573	
ENSRGLG00000016642	lam84a	family with sequence similarity 84 member A [Source:NCBI gene;Acc:101174970]	5.641135781	2.499514647	-0.74099073	2.401116634

ENSRGLG000000006029	ndc83	N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 3 [Source:ZFIN;Acc:ZDB-GENE-090312-189]				3.65271495	0.913276734	-4.35435922	-0.695514752
ENSRGLG00000009533	igmn	immunoglobulin M [Source:NCBI gene;Acc:101163371]	4.701500574	0.253352104	-4.767591578	-0.31895838			
ENSRGLG00000009933	arg2	arginase 2 [Source:ZFIN;Acc:ZDB-GENE-090131-1334]	4.781815136	0.546970263	-3.743513486	0.4917389302			
ENSRGLG00000000967	-	-	7.644735293	2.694762566	-5.356201522	-0.405743881			
ENSRGLG00000013810	-	-	6.697046068	1.897526888	-5.178992585	-0.375845401			
ENSRGLG00000005600	-	-	15.68064055	0.0	-15.80063533				
ENSRGLG00000004007	glax2	5-aminolevulinic synthase, erythroid-specific, mitochondrial [Source:NCBI gene;Acc:100049501]	6.29557672	0.671191826	-4.352806609	1.272064175			
ENSRGLG00000007077	-	-	5.853184413	1.002907168	-3.048617038	1.804734783			
ENSRGLG00000006078	trmt3a	tropinon T, fast skeletal muscle isoforms [Source:NCBI gene;Acc:101157127]	6.587476683	1.499037608	-6.11879836	-1.0298783			
ENSRGLG00000013930	malfb	orthogone homolog Bb [Source:ZFIN;Acc:ZDB-GENE-01065-4]	4.685064799	1.832261703	-3.009594729	-0.156306813			
ENSRGLG00000010760	-	-	5.49645753	-1.057892327	-3.857719551	2.697048771			
ENSRGLG00000011630	-	gclI death-inducing p53-target protein 1 homolog [Source:NCBI gene;Acc:101169836]	7.595785497	3.261600213	-4.032128454	3.02528288			
ENSRGLG00000015985	-	-	6.302628336	0.004749658	-3.478952543	2.819411164			
ENSRGLG00000006594	mmp25b	matrix metalloproteinase 25b [Source:ZFIN;Acc:ZDB-GENE-100308-4]	5.605909098	2.94362532	-3.061523891	-0.386665612			
ENSRGLG00000016348	-	-	4.272149821	-0.032756486	-24.58458661	0.095454648			
ENSRGLG00000010229	konj13	potassium inwardly-rectifying channel, subfamily 1, member 13 [Source:ZFIN;Acc:ZDB-GENE-070124-11]	4.987826839	2.153151861	-4.132808782	-1.297648452			
ENSRGLG0000001254	-	-	1.548564131	-0.328293	-3.879836083	2.001957895			
ENSRGLG00000009896	hoxc13a	homeobox C13 [Source:NCBI gene;Acc:101172814]	4.959653286	-1.051186244	-4.418370027	2.592947329			
ENSRGLG00000006812	-	-	2.811714711	2.61497375	-15.68852161	-15.49179208			
ENSRGLG00000012266	pl81	elastin-1 [Source:NCBI gene;Acc:101168586]	4.707770283	0.194524432	-3.452981566	1.060768847			
ENSRGLG00000006922	-	-	7.184633081	1.456907167	-4.997437283	1.007766874			
ENSRGLG00000010552	sicker-4g	-	5.872529451	1.721471199	-3.528729587	0.622811846			
ENSRGLG00000000692	rho	ras homolog family member H [Source:ZFIN;Acc:ZDB-GENE-060228-7]	16.26812344	13.18025262	-3.024804484	0.063534741			
ENSRGLG00000009587	pvalb1 (1)	parvalbumin beta [Source:NCBI gene;Acc:105353532]	5.928888408	-0.56628185	-7.240173716	-0.746517906			
ENSRGLG0000013851	konj16	potassium inwardly-rectifying channel, subfamily 1, member 16 [Source:ZFIN;Acc:ZDB-GENE-130603-81]	5.980046509	-11.66614854	-7.003876201	10.64283683			
ENSRGLG00000012348	ogal	O-GlcNAcase like [Source:ZFIN;Acc:ZDB-GENE-110914-153]	3.278464098	-1.099027411	-3.455158196	0.922961818			
ENSRGLG00000015198	-	-	2.923409173	-12.82938588	-6.616321963	12.13889501			
ENSRGLG00000011298	rab25b	RAB25, member RAS oncogene family [Source:NCBI gene;Acc:101121278]	4.468364823	1.164819041	-3.2570795	0.046951516			
ENSRGLG00000012439	col9b	chondromedin (C-C motif) receptor 9b [Source:ZFIN;Acc:ZDB-GENE-070301-3]	4.971399848	-0.121162999	-3.16903905	1.924029293			
ENSRGLG00000015459	-	-	5.785536014	1.22045387	-3.050392135	1.515205243			
ENSRGLG00000009593	vill	villin-like [Source:ZFIN;Acc:ZDB-GENE-081222-11]	5.437087028	-0.637315021	-3.217177521	2.857713792			
ENSRGLG00000014843	cs	complement C8 [Source:NCBI gene;Acc:101156293]	5.784657513	0.88151458	-4.717254525	3.02125527			
ENSRGLG0000012551	-	-	5.462520903	0.822024862	-4.610292482	0.48975388			
ENSRGLG0000016840	shdb	Src homology 2 domain containing transforming protein D, N [Source:ZFIN;Acc:ZDB-GENE-090131-6059]	3.507133889	0.483387053	-3.209671168	-0.18441982			
ENSRGLG00000013436	col10a1a	collagen, type X, alpha 1a [Source:ZFIN;Acc:ZDB-GENE-030131-8873]	8.251319674	3.937806087	-3.523429373	0.790570277			
ENSRGLG0000014421	cyp1a	Oryxias latipes cytochrome P450 1A (cyp1a), mRNA [Source:RefSeq mRNA;Acc:NM_0105087]	3.839113566	1.633852643	-4.616752643	-2.41100987			
ENSRGLG0000005986	-	-	4.309168752	-2.277067932	-4.40746576	2.179260585			
ENSRGLG0000013898	SLC6A18	solute carrier family 6 member 18 [Source:HGNC Symbol;Acc:HGNC:26441]	4.637186667	-1.029780999	-3.203851772	2.463599988			
ENSRGLG0000001423	foxo3	forkhead box A3 [Source:ZFIN;Acc:ZDB-GENE-980526-423]	6.403827935	0.270875174	-3.244336603	2.889100965			
ENSRGLG00000000591	TNNI2 (1)	tropinin I2, fast skeletal type [Source:HGNC Symbol;Acc:HGNC:11946]	4.129144418	-1.817249628	-5.770261882	0.176617996			
ENSRGLG00000013976	-	-	9.366266781	2.78172817	-4.317149118	2.2678			

ENSORLG0000004055	-	-	5.350158156	1.429022214	-3.953125206	-0.031504297
ENSORLG0000001329	-	-	5.779963401	0.766907223	-1.451477261	3.562062621
ENSORLG00000006354	gdact.3	gamma-glutamylamine cyclotransferase, tandem duplicate 3 [Source:ZFIN;Acc.ZDB-GENE-07024-28]	3.604489302	0.887490644	-1.00972097	1.707762959
ENSORLG00000011757	pdact1	phosphotyrosine interaction domain containing 1 [Source:ZFIN;Acc.ZDB-GENE-050320-72]	4.180328707	2.614278167	-0.73109802	0.835437606
ENSORLG00000004895	hic1	hypermethylated in cancer 1 [Source:ZFIN;Acc.ZDB-GENE-040713-7]	4.741297515	2.907140123	-2.173408291	-0.338765767
ENSORLG00000011311	tblc1d4	TBC1 domain family, member 4 [Source:ZFIN;Acc.ZDB-GENE-030313-9881]	3.105703903	0.375095999	-1.492734903	1.238357772
ENSORLG00000000313	lyg2	lysyzyme g-like 2 [Source:ZFIN;Acc.ZDB-GENE-090917-2]	5.685368891	1.487572301	-3.276936994	0.921344511
ENSORLG00000018096	TWIST2	twist family BHLH transcription factor 2 [Source:HGNC;Symbol:AC:HGN20670]	15.762701521	10.35208758	-1.455523256	3.953570942
ENSORLG00000000284	cdkn1a	cyclin-dependent kinase inhibitor 1A [Source:ZFIN;Acc.ZDB-GENE-070705-7]	5.227381405	3.108232557	-0.754840374	1.364703844
ENSORLG00000000766	-	-	4.75727743	0.474807678	-1.532013667	2.750940244
ENSORLG00000007590	ablim3	actin binding LIM protein family member 3 [Source:NCBI;Gene:Acc:101163501]	4.230484184	2.434513239	-0.446114891	1.350341683
ENSORLG000000003978	-	-	7.503131872	2.312603074	-2.063745843	3.12726757
ENSORLG00000010657	itga4	integrin alpha 4 [Source:ZFIN;Acc.ZDB-GENE-110411-108]	4.352232263	2.549889993	-0.103445409	1.699384458
ENSORLG00000002702	MLL7	MLL7, PHD finger containing [Source:HGNC;Symbol:AC:HGN21962]	4.737098759	2.265162846	-1.39494871	1.13292543
ENSORLG00000007298	MED13L	mediator complex subunit 13 like [Source:HGNC;Symbol:AC:HGN22962]	4.139505453	2.679371442	-0.890273025	0.570344163
ENSORLG00000008655	-	-	6.408040617	0.107438137	-2.136945497	4.254138552
ENSORLG00000012052	dusp10	dual specificity phosphatase 10 [Source:NCBI;Gene:Acc:101157461]	4.574307111	-0.093404811	-2.269417947	2.395778153
ENSORLG00000018040	zfye1	zinc finger, FYVE domain containing 1 [Source:ZFIN;Acc.ZDB-GENE-131205-11]	3.097006405	0.319031757	-1.502860749	1.275598050
ENSORLG00000014020	-	-	17.89539351	10.05765354	-3.894655718	3.968719399
ENSORLG00000015720	zgc:77158	solute carrier family 45 member 3 [Source:NCBI;Gene:Acc:101158020]	3.051235891	1.52042647	-0.405072949	1.18220617
ENSORLG00000003284	mrc2	mannose receptor, C type 2 [Source:ZFIN;Acc.ZDB-GENE-090915-31]	4.464168338	1.696473609	-1.778477316	0.987702796
ENSORLG000000015457	amot2a	angiominotin-like 2 [Source:NCBI;Gene:Acc:101161303]	3.640737722	1.750838431	-1.190847689	0.10306864
ENSORLG00000013899	nkd1	naked outside homolog 1 (Drosophila) [Source:ZFIN;Acc.ZDB-GENE-061108-3]	4.466597977	2.327577117	-0.782596453	1.356908355
ENSORLG00000002521	treh	trehalase (brush-border membrane glycoprotein) [Source:ZFIN;Acc.ZDB-GENE-070912-34]	5.817790829	-0.278056841	-3.328409124	2.767940047
ENSORLG000000005426	-	-	5.177969434	2.651738019	-0.302146453	2.224569589
ENSORLG00000010182	mgst3a	microsomal glutathione S-transferase 3 [Source:NCBI;Gene:Acc:101173739]	3.528937529	0.54666173	-1.813279778	1.614907075
ENSORLG00000016196	rgl2	ral guanine nucleotide dissociation stimulator-like 2 [Source:ZFIN;Acc.ZDB-GENE-010313-11]	4.740882991	1.169571299	-2.315995011	1.255801173
ENSORLG000000003345	palld	paladin, cytoskeletal associated protein [Source:ZFIN;Acc.ZDB-GENE-041014-252]	3.170825942	1.387923528	-1.854360395	-0.070793066
ENSORLG000000007531	-	-	4.460977255	2.989400836	-0.60919428	0.82826662
ENSORLG00000006858	wsc2l2	WSC domain containing 2 [Source:NCBI;Gene:Acc:101154729]	4.812573275	3.100158566	0.665668975	2.378567539
ENSORLG00000002386	hfp2a	LHFPL tetraspan subfamily member 2 [Source:NCBI;Gene:Acc:101175331]	5.007506323	0.811724136	-2.745869992	1.45039635
ENSORLG000000101237	olq6c	Oryzias latipes membrane quanyilin cyclase (olq6), mRNA [Source:RefSeq; mRNA:Acc:NM_001105098]	5.201526252	-0.061060329	-3.062308942	2.200709879
ENSORLG00000016366	atger1b	prostaglandin E receptor 1b (subtype EP1) [Source:ZFIN;Acc.ZDB-GENE-100922-278]	5.305527367	2.982718868	-1.172612331	1.150679578
ENSORLG00000010292	ednr	Oryzias latipes endothelin receptor (ednr), mRNA [Source:RefSeq; mRNA:Acc:NM_001104944]	3.589089737	2.305690704	-2.12977851	-0.899003096
ENSORLG000000005147	pdha1b	prolyl 4-hydroxylase, alpha polypeptide 1b [Source:ZFIN;Acc.ZDB-GENE-030313-4089]	3.08494512	1.718995493	-1.01199675	1.245516462
ENSORLG0000001065	-	-	18.37684625	0	-3.104679259	1.732265748
ENSORLG00000010473	serpin1	serpin peptidase inhibitor, clade E (nexin), plasminogen activator inhibitor type 1, member 1 [Source:ZFIN;Acc.ZDB-GENE-070912-60]	5.137394453	1.058556847	-3.442300203	0.637023042
ENSORLG00000012347	gsna	galactin a [Source:ZFIN;Acc.ZDB-GENE-030131-9653]	5.678829151	1.582324287	-2.625587729	1.471402075
ENSORLG000000007828	slpaa	plasmalemma vesicle associated protein a [Source:ZFIN;Acc.ZDB-GENE-070912-432]	4.839380401	0.77239819	-2.298946251	1.768526123
ENSORLG00000003335	-	-	5.441172113	3.12490293	-2.471782767	-0.155041106
ENSORLG00000012922	znp3a3	patatin-like phospholipase domain containing 3 [Source:ZFIN;Acc.ZDB-GENE-040718-27]	3.972029247	0.870727382	-1.571956368	1.530189951
ENSORLG000000007531	-	-	3.20871299	2.277090599	0.540690656	1.478189575
ENSORLG000000004491	lrm11a	formin-like 1a [Source:ZFIN;Acc.ZDB-GENE-120215-83]	4.314908271	3.347707238	-0.486541531	0.4811435
ENSORLG00000011631	fox2	forkhead box J2 [Source:ZFIN;Acc.ZDB-GENE-100922-240]	5.348232584	2.23647502	-1.519694421	1.595242394
ENSORLG00000016558	cdap2	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase 2 [Source:ZFIN;Acc.ZDB-GENE-030131-184]	3.742699975	1.580812455	-0.934269977	1.228099406
ENSORLG000000029710a	znf710a	zinc finger protein 710a [Source:ZFIN;Acc.ZDB-GENE-030131-5559]	3.415161177	2.231820341	-1.13092022	1.005092122
ENSORLG00000010300	ztry2.1	trypanin receptor PZ72, tandem duplicate 1 [Source:ZFIN;Acc.ZDB-GENE-980526-196]	7.409780652	1.393489669	-2.497097208	3.519670965
ENSORLG00000004345	ctch1	catched 1 [Source:ZFIN;Acc.ZDB-GENE-980526-196]	3.933040399	0.64029977	-1.971753314	1.320842973
ENSORLG0000001406	nox1	NADPH oxidase 1 [Source:NCBI;Gene:Acc:101164470]	3.112440782	-0.498468638	-2.262183364	1.34921193
ENSORLG00000011229	-	-	4.917018912	1.533206006	-0.61224257	2.72055106
ENSORLG00000012104	spn3	serine palmitoyltransferase, long chain base subunit 3 [Source:ZFIN;Acc.ZDB-GENE-041210-281]	5.834337152	0.897778887	-2.1187432	2.818300532
ENSORLG00000005691	zgc:110239	zgc:110239 [Source:ZFIN;Acc.ZDB-GENE-050417-107]	4.541495711	0.799616903	-2.40239985	1.339223831
ENSORLG00000017277	prng2	proline rich G1a (G-carboxy glutamic acid) 2 [Source:ZFIN;Acc.ZDB-GENE-130625-11]	4.762755279	0.993178675	-3.313308647	0.456795239
ENSORLG00000012137	-	-	3.062818544	2.518478128	0.797199049	1.342025712
ENSORLG00000018358	-	-	4.420920927	1.0010576	-1.567491403	1.852029426
ENSORLG00000016759	-	-	5.593502544	0.967504878	-1.934753511	2.691728937
ENSORLG00000010228	slmapb	sarcolemma associated protein b [Source:ZFIN;Acc.ZDB-GENE-040426-809]	5.537730826	2.549148464	-0.425682325	2.563385569
ENSORLG00000015782	nep1a.1	neprin A, alpha (PABA, peptide hydrolase), tandem duplicate 1 [Source:ZFIN;Acc.ZDB-GENE-041001-209]	4.378564929	-5.053593186	-5.733110727	3.699521199
ENSORLG00000002046	coro1a	coronin, actin binding protein, 1A [Source:ZFIN;Acc.ZDB-GENE-030131-9512]	5.037735711	2.33044145	-2.748681375	-0.040902138

ENSORLG00000013801	gprc5c	G protein-coupled receptor, class C, group 5, member C [Source:ZFIN;Acc.ZDB-GENE-070928-27]	6.303697649	0.280613501	-3.513205747	2.510363198
ENSORLG000000008674	cltgn9	Clf and TNF related 9 [Source:ZFIN;Acc.ZDB-GENE-080303-331]	17.05716297	0	-17.05715778	0
ENSORLG00000015708	sidcyp1	complement C1q-like protein 4 [Source:NCBI;Gene:Acc:101168564]	5.73357242	2.523182233	-3.942719463	-0.731301938
ENSORLG000000008010	-	-	17.3258941	10.40590729	-5.582361985	1.338006005
ENSORLG00000010231	GOS2	G0/G1 switch 2 [Source:NCBI;Gene:Acc:10156885]	5.46324254	-0.523011866	-0.50165341	0.480508373
ENSORLG00000009993	slc15a2	solute carrier family 15 (oligopeptide transporter), member 2 [Source:ZFIN;Acc.ZDB-GENE-030131-5866]	5.057322225	1.274697482	-3.374659158	0.408450788
ENSORLG0000001819	erq2	Oryzias latipes estrogen-related receptor gamma type 2 (erq2), mRNA [Source:RefSeq; mRNA:Acc:NM_001163092]	4.21523115	0.83549377	-3.447870318	-0.067613644
ENSORLG00000007994	sox8a	SRF (sex determining region Y) box 8a [Source:ZFIN;Acc.ZDB-GENE-130530-719]	2.68151378	0.466831406	-3.126767415	-0.911600131
ENSORLG00000012050	slc1a1	solute carrier family 1 (neuronal/spinal high affinity glutamate transporter, system Xag), member 1 [Source:ZFIN;Acc.ZDB-GENE-040719-414]	5.12811671	0.521278599	-3.155361974	1.451959586
ENSORLG00000004253	pdgfrf	platelet derived growth factor receptor like [Source:NCBI;Gene:Acc:101185739]	5.579981562	-1.295697799	-5.173881386	1.702292391
ENSORLG00000009061	batf	basic leucine zipper ATF-like transcription factor [Source:NCBI;Gene:Acc:101186039]	6.84693847	1.022954149	-6.840481449	-0.015961426
ENSORLG00000017187	myt3	myosin light polypeptide 3, skeletal muscle [Source:ZFIN;Acc.ZDB-GENE-000322-6]	4.771746489	-12.47918691	-6.769103159	11.48232395
ENSORLG00000010189	pdgfrf	platelet derived growth factor receptor like [Source:NCBI;Gene:Acc:101185739]	5.402070738	-1.397813519	-5.84119985	1.052216245
ENSORLG00000004731	zgc:13646	zgc:13646 [Source:ZFIN;Acc.ZDB-GENE-060519-7]	15.69803495	9.946892855	-3.581066636	2.322739529
ENSORLG00000000391	zgc:13646	zgc:13646 [Source:ZFIN;Acc.ZDB-GENE-060519-7]	7.267869241	1.455802041	-7.070466177	-0.889039864
ENSORLG00000010223	crit1b	carboxyl terminal palmitoyltransferase 1B (muscle) [Source:ZFIN;Acc.ZDB-GENE-041010-9]	8.124898429	3.439354748	-6.962367758	0.862367438
ENSORLG0000001706	uncl	uncharacterized LOC101180024 [Source:NCBI;Gene:Acc:101160024]	16.1307637	9.747504889	-16.14307117	-9.747521673
ENSORLG00000008238	gamt	guanidinoacetate N-methyltransferase [Source:NCBI;Gene:Acc:101166291]	5.694387284	0.990345661	-6.374361432	1.030116517
ENSORLG00000000349	sich211	uncharacterized LOC101172412 [Source:NCBI;Gene:Acc:101172412]	5.300496198	0.401587774	-3.411665332	-1.482738568
ENSORLG00000004101	chp2	calponin-like EF-hand protein 2 [Source:ZFIN;Acc.ZDB-GENE-030131-5810]	6.657802245	2.015251393	-3.619032968	1.0240107
ENSORLG00000016167	ihh	Indian hedgehog [Source:HGNC;Symbol:AC:HGN5956]	5.250547025	-0.180140722	-3.038674222	2.392495264
ENSORLG00000011273	col1a1b	collagen, type I, alpha 1b [Source:ZFIN;Acc.ZDB-GENE-030131-4450]	5.261473093	2.067714767	-4.035056545	-0.840822291
ENSORLG00000015981	myl1	myosin light chain 1, skeletal muscle isoform [Source:NCBI;Gene:Acc:101167500]	3.741705665	0.234801104	-6.041508633	-2.5412596
ENSORLG00000017246	-	-	7.60558836	1.79098806	-6.529461132	-0.174386675
ENSORLG000000006421	-	-	5.038384624	-0.674263864	-4.580303358	1.13283015
ENSORLG00000018031	cd25a	C-C motif chemokine 20 [Source:NCBI;Gene:Acc:101171121]	6.133091934	0.121887856	-3.097421201	2.914384299
ENSORLG00000000412	slc12a3	solute carrier family 12 (sodium/chloride transporter), member 3 [Source:ZFIN;Acc.ZDB-GENE-030131-3506]	6.23948583	-0.935868282	-3.830559444	3.345371567
ENSORLG00000009017	-	-	6.23948583	0.552418671	-6.764078255	0.477889539
ENSORLG000000002943	dkn11b	dkn11b [Source:ZFIN;Acc.ZDB-GENE-010328-13]	18.28213443	0	-4.557981041	13.72464404
ENSORLG000000003829	ptger4b	prostaglandin E receptor 4 (subtype EP4) [Source:ZFIN;Acc.ZDB-GENE-060531-102]	4.96939269	0.902533355	-3.449656394	0.618273899
ENSORLG00000012333	tnb1	tribbles homolog 1 [Source:NCBI;Gene:Acc:101160746]	5.102628851	0.469903093	-4.134893101	0.498314222
ENSORLG00000000428	slc5a2	solute carrier family 5 (sodium/glucose cotransporter), member 2 [Source:ZFIN;Acc.ZDB-GENE-040426-2498]	6.037200971	1.129266941	-4.383930455	0.52448558
ENSORLG00000016178	kcnq1	potassium voltage-gated channel, subfamily G, member 1 [Source:ZFIN;Acc.ZDB-GENE-080200-5]	1.027269997	-4.881392599	-3.270174554	2.14572477
ENSORLG00000016820	-	-	2.929521182	-0.130242035	-4.485256689	-1.425009028
ENSORLG00000017122	gata3	GATA binding protein 3 [Source:ZFIN;Acc.ZDB-GENE-992415-82]	16.6088462	10.56750932	-3.292620433	2.749179261
ENSORLG000000008649	gpr11b	gamma-glutamyltransferase 1b [Source:ZFIN;Acc.ZDB-GENE-1114048-13]	4.810897244	-0.23193759	-3.171008543	1.872312403
ENSORLG00000000597	anact2b	anoctamin-2 [Source:NCBI;Gene:Acc:101154790]	4.234109248	-3.042080343	-3.56581957	3.710855364
ENSORLG00000014806	tbx4	T-box 4 [Source:NCBI;Gene:Acc:101172998]	5.365889369	2.97205193	-3.781231068	-1.388056393
ENSORLG000000005938	atp2a1	sericolipin/endoplasmic reticulum calcium ATPase 1 [Source:NCBI;Gene:Acc:101173864]	4.092276847	-0.200671653	-3.007952521	1.285472427
ENSORLG000000005340	ddc	Oryzias latipes dopa decarboxylase (ddc), mRNA [Source:RefSeq; mRNA:Acc:NM_001160445]	6.334076992	0.94601909	-5.398979999	-0.01042

ENSRORG0000010564	konk1b	potassium two pore domain channel subfamily K member 1 [Source:NCBI gene:Acc:101174617]	3.252575954	1.264631842	0.457973013	2.446401962
ENSRORG0000003458	ctnna1	catenin (armadillo-associated) protein, alpha-like 1 [Source:ZFIN:Acc:ZDB-GENE-060503-507]	3.102024917	0.645381562	-0.153389284	2.303758738
ENSRORG00000010246	-	-	6.004844592	2.129377185	-2.092467929	1.783483155
ENSRORG0000000664	cygb	Oryza latipes cytoglobin (cygb), mRNA, [Source:RefSeq mRNA:NM_001104768]	5.959828209	-10.1738775	-2.617397257	13.46181322
ENSRORG0000007599	ann	annexin associated transmembrane protein [Source:ZFIN:Acc:ZDB-GENE-060810-59]	5.942882885	-3.140838589	-4.331436923	4.75276749
ENSRORG00000015266	scla0a1	solute carrier family 40 (iron-regulated transporter), member 1 [Source:ZFIN:Acc:ZDB-GENE-000511-8]	5.295296406	1.059196737	-2.25956433	1.930306069
ENSRORG00000009221	lhd1	fumarylacetoacetate hydrolase domain containing 1 [Source:ZFIN:Acc:ZDB-GENE-050522-448]	5.090854458	1.447967801	-1.491694575	2.151677533
ENSRORG0000007652	tab21l	tab-21 like 2 [Source:NCBI gene:Acc:101157187]	4.863033781	1.035286115	-0.33988776	0.788340558
ENSRORG0000000532	TOR4A	tor1a family 4 member A [Source:NCBI gene:Acc:101162538]	2.990820516	5.2825134	-2.908545453	2.34631814
ENSRORG0000001029	aspp4	RAS guanine nucleotide exchange factor 4 [Source:ZFIN:Acc:ZDB-GENE-050419-110]	4.37816566	1.870986261	-2.998472084	-0.49807992
ENSRORG0000006729	emid1	EM domain containing 1 [Source:ZFIN:Acc:ZDB-GENE-070705-40]	3.083796942	2.838163064	-1.354994066	-1.108876175
ENSRORG000000013443	esr	V-set immunoregulatory receptor [Source:ZFIN:Acc:ZDB-GENE-060929-716]	5.042224097	1.965590368	-2.629755256	0.984373286
ENSRORG00000005046	-	-	4.148608653	0.913370647	-1.999083615	1.236639223
ENSRORG00000017885	abca2	ATP-binding cassette, sub-family A (ABC1), member 2 [Source:ZFIN:Acc:ZDB-GENE-050517-1]	3.779694842	-0.334201796	-2.097529521	2.016851796
ENSRORG00000007790	-	-	16.9042197	14.93648982	-2.941736899	-0.327533594
ENSRORG00000001563	HLH1 (1 of m	four and a half LIM domains 1 [Source:NCBI gene:Acc:101165918]	4.571021166	2.058802372	-2.833572879	-0.920869111
ENSRORG00000016902	hfn1	interferon induced with helicase C domain 1 [Source:ZFIN:Acc:ZDB-GENE-081104-438]	3.631466354	1.732742797	0.0861595	1.985368969
ENSRORG00000013626	kydyb	kydyb domain containing 1 [Source:NCBI gene:Acc:101175588]	5.517467317	0.066018334	-2.542871114	2.906063539
ENSRORG00000003917	RBM51 (1 of m	RNA binding motif single stranded interacting protein 1 [Source:ZFIN:Acc:ZDB-GENE-050801-997]	4.814326863	2.283518575	-0.390738259	2.140566666
ENSRORG000000013111	srpx2	srpx repeat containing protein, X-linked 2 [Source:ZFIN:Acc:ZDB-GENE-110411-231]	3.798080294	0.907436966	-1.528398778	1.345454437
ENSRORG00000013938	-	-	4.168524728	1.777864624	-0.406049997	1.985058888
ENSRORG00000012006	net1	neuroepithelial cell transforming 1 [Source:NCBI gene:Acc:101160272]	3.685911158	1.544993564	-2.559790217	-0.418387706
ENSRORG00000013121	prickle1b	prickle homolog 1b [Source:ZFIN:Acc:ZDB-GENE-030131-2152]	4.824762731	1.174709967	-2.05817136	1.592367338
ENSRORG00000011824	nrb1	nuclear receptor subfamily 0, group B, member 1 [Source:ZFIN:Acc:ZDB-GENE-030130-1]	4.044356262	2.457617299	-1.266818036	0.320450976
ENSRORG000000044411	-	-	4.876351275	2.333034618	-2.270723706	0.273077872
ENSRORG00000013342	slcf	APBB1 complementation factor [Source:NCBI gene:Acc:101160767]	5.366261401	0.572521922	-3.963122472	-0.380026551
ENSRORG00000017583	ppp1r13ba	protein phosphatase 1, regulatory subunit 13ba [Source:ZFIN:Acc:ZDB-GENE-030131-8805]	4.225738705	2.727493769	0.506215716	2.004945058
ENSRORG0000000976	terf	transcription factor 7 [Source:ZFIN:Acc:ZDB-GENE-050222-4]	4.593719289	2.135310968	-2.105272224	0.353622596
ENSRORG00000012651	zswim5	zinc finger, SWIM-type containing 5 [Source:ZFIN:Acc:ZDB-GENE-030129-30]	3.239793095	0.492506288	-0.813915928	1.932856539
ENSRORG00000005736	myl9b	myosin regulatory light chain 2, skeletal muscle isoform [Source:NCBI gene:Acc:101169321]	5.696343789	-0.182732175	-5.255276121	0.62482156
ENSRORG00000004921	oprm1	opioid receptor, mu 1 [Source:ZFIN:Acc:ZDB-GENE-010125-1]	3.749919071	-0.438533783	-1.188460735	2.350494293
ENSRORG00000014569	-	-	3.311531227	0.275787934	-0.936982817	2.099245064
ENSRORG00000004815	slc7a1	solute carrier family 7 (cationic amino acid transporter + y system), member 1 [Source:ZFIN:Acc:ZDB-GENE-091116-69]	4.981112098	2.043811719	-1.82377518	1.144064662
ENSRORG00000016675	-	-	4.672870466	1.666101597	-1.662596889	1.344749273
ENSRORG00000016854	-	-	4.007184909	1.64521913	-0.538296282	1.824154328
ENSRORG00000004549	her9	heparin sulfate proteoglycan 9 [Source:ZFIN:Acc:ZDB-GENE-011213-1]	4.075295454	1.492989543	-0.810864664	1.771926462
ENSRORG000000101513	marcks1b	MARCKS-related protein [Source:NCBI gene:Acc:101173561]	4.195399588	0.829567015	-0.573315629	2.79299154
ENSRORG00000009081	-	-	3.908868258	1.91751119	0.34791413	2.339757145
ENSRORG00000005815	-	-	4.868633826	1.21912523	-1.25230047	1.629389816
ENSRORG00000016201	phf1	PHF finger protein 1 [Source:ZFIN:Acc:ZDB-GENE-100922-277]	3.890541296	1.736839067	-2.571388507	-0.417181047
ENSRORG00000005074	kyru	kyruinase [Source:NCBI gene:Acc:101174251]	5.813915551	1.315302082	-1.765212139	2.7338855
ENSRORG00000017608	cx32.3	connexin 32.3 [Source:ZFIN:Acc:ZDB-GENE-030131-1337]	6.489282862	0.41086148	-5.396394259	0.682297762
ENSRORG00000004533	zswim1 (1 of m	zinc finger, SWIM-type containing 6 [Source:ZFIN:Acc:ZDB-GENE-060602-4]	3.46644065	0.445914824	-2.077914228	0.943096351
ENSRORG00000013020	ifnlr19	tumor necrosis factor receptor superfamily, member 19 [Source:ZFIN:Acc:ZDB-GENE-030131-8760]	3.8349011	2.51917911	-1.090654605	0.225553521
ENSRORG00000002232	-	-	3.69240064	0.990862429	-0.418089402	2.28417263
ENSRORG00000010410	cyth4	cytohesin 4 [Source:ZFIN:Acc:ZDB-GENE-090624-6]	5.814098672	2.699163343	-2.316988552	0.798428992
ENSRORG00000008567	srnp1-68n21	srp1-68n21.9 [Source:ZFIN:Acc:ZDB-GENE-081105-100]	4.100083285	0.821463204	-3.834292336	-0.555187973
ENSRORG00000012168	ubal2	UBA-like domain containing 2 [Source:ZFIN:Acc:ZDB-GENE-050522-185]	4.304917621	1.476814004	-0.960189184	1.866398909
ENSRORG00000015493	znf536	zinc finger protein 536 [Source:ZFIN:Acc:ZDB-GENE-030616-624]	3.028483692	0.686172236	-0.679302156	1.663949413
ENSRORG00000021247	-	-	4.931220323	1.815779285	-1.418041503	1.6978877
ENSRORG00000009356	myo7b	myosin VIIb [Source:ZFIN:Acc:ZDB-GENE-121022-3]	3.687788829	-0.077412624	-1.7724837	1.993242311
ENSRORG00000004341	evl1c	evl-1 homolog C (C. elegans) [Source:ZFIN:Acc:ZDB-GENE-091204-329]	4.218762912	1.63210631	-1.398598178	1.188348896
ENSRORG00000013685	-	-	3.638362649	0.947506836	-0.82147956	1.86960931
ENSRORG00000006724	apcd1l	adenomatous polyposis coli down-regulated 1-like [Source:ZFIN:Acc:ZDB-GENE-121022-3]	7.243768143	0.951727312	-1.941151608	4.351353483
ENSRORG00000013459	cxcr3.2	chemokine (C-X-C motif) receptor 3, tandem duplicate 2 [Source:ZFIN:Acc:ZDB-GENE-041114-186]	3.876178433	2.428704388	-1.24994637	1.193965457
ENSRORG00000005745	PFKP (1 of m	phosphofructokinase, platelet [Source:HGNC Symbol:Acc:HGNC:8878]	5.144323205	1.028178527	-2.27601857	1.840537928
ENSRORG00000009643	MAF	MAP t2p transcription factor [Source:HGNC Symbol:Acc:HGNC:6776]	5.840618696	-0.473680954	-3.313485165	3.001299745
ENSRORG00000016831	-	-	4.706726364	2.037130875	-2.46679578	2.396979578
ENSRORG00000002244	shd2b	EH domain containing 2 [Source:NCBI gene:Acc:101167588]	4.16102109	2.12139155	-2.405960399	-0.365793779
ENSRORG00000004795	tzd8a	frizzled class receptor 8a [Source:ZFIN:Acc:ZDB-GENE-000328-3]	4.731696484	1.328273772	-1.328772895	2.076134939
ENSRORG00000014087	zbtb37	zinc finger and BTB domain containing 37 [Source:ZFIN:Acc:ZDB-GENE-050208-621]	4.829854387	1.13477679	-1.315347332	2.380215432

ENSRORG00000000981	slc22a7a	solute carrier family 22 (organic anion transporter), member 7a [Source:ZFIN:Acc:ZDB-GENE-050506-52]	3.616947677	0.151243441	-4.156598965	-0.690413352
ENSRORG00000014926	plekhf1	pleckstrin homology domain containing family F (with FYVE domain) member 1 [Source:ZFIN:Acc:ZDB-GENE-040426-1289]	16.10239753	0	-3.045397446	13.05749258
ENSRORG00000006629	bmp6	bone morphogenetic protein 6 [Source:ZFIN:Acc:ZDB-GENE-050506-42]	6.149787938	1.140250119	-3.104292977	1.90737287
ENSRORG00000002168	myl9fa	myosin light chain, phosphorylatable, fast skeletal muscle 9a [Source:ZFIN:Acc:ZDB-GENE-940712-19]	6.300930238	-0.52295267	-10.94037035	-4.116600216
ENSRORG00000006554	akab4	AK1 homolog 4b [Source:ZFIN:Acc:ZDB-GENE-050208-140]	15.70846224	12.17542792	-4.387320218	-0.858317851
ENSRORG00000014546	tfpia	tissue factor pathway inhibitor A [Source:ZFIN:Acc:ZDB-GENE-030711-1]	5.160657701	-0.189255232	-3.008429651	2.340988587
ENSRORG00000018163	-	-	5.038318823	0.806782899	-15.97261637	-1.174109194
ENSRORG00000006079	slc22a6l	solute carrier family 22 member 6 [Source:NCBI gene:Acc:101168641]	6.877724768	-0.701197334	-5.630916679	1.948492908
ENSRORG00000012350	-	-	4.6895972	0.4668972	-0.189137305	3.15673938
ENSRORG00000002933	sich211-1	sich211-25503 [Source:ZFIN:Acc:ZDB-GENE-141216-1131]	6.381571423	2.774737609	-4.235439447	-1.663181921
ENSRORG00000010086	CLDN5	claudin-5 [Source:NCBI gene:Acc:101166566]	4.4651649	1.965256725	-3.089062028	-0.587669066
ENSRORG00000009315	col4a6	collagen, type IV, alpha 6 [Source:ZFIN:Acc:ZDB-GENE-101001-2]	0.287251703	2.191368405	-2.625788756	-4.529420723
ENSRORG00000014283	-	-	2.500479142	0.4668972	-0.189137305	3.15673938
ENSRORG00000009459	sema3d	sema domain, immunoglobulin domain (ig), short basic domain, secreted, (semaphorin) 3d [Source:ZFIN:Acc:ZDB-GENE-090715-2]	-1.705663303	0.468769045	-1.58922051	-3.763367767
ENSRORG00000012208	mfsd4a	major facilitator superfamily domain-containing protein 4A, like [Source:NCBI gene:Acc:101174826]	-1.47350193	-0.530983762	-0.272458156	-3.014491464
ENSRORG00000002157	RF0294	small nuclear RNA SNOVD7.4 [Source:NCBI gene:Acc:113947419]	-12.63301337	5.431997698	-12.37369458	-4.736829599
ENSRORG00000015517	-	-	-14.26488971	1.614771911	12.87616007	-3.00301121
ENSRORG00000017752	slc25a25a	calcium-binding mitochondrial carrier protein ScaMC-2.4 [Source:NCBI gene:Acc:101160000]	-2.143288951	-0.380346537	-1.833033465	-3.955406766
ENSRORG00000002282	ace	angiotensin I converting enzyme (peptidyl-dipeptidase) 1 [Source:ZFIN:Acc:ZDB-GENE-030131-1826]	-0.821939033	0.259856795	-2.944695454	-4.020603242
ENSRORG00000019179	paics	phosphoribosylaminimidazole carboxylase, phosphoribosylaminimidazole succinocarboxamide synthetase [Source:ZFIN:Acc:ZDB-GENE-030131-9762]	-2.642751191	-0.684852986	-1.304936821	-3.262300003
ENSRORG00000007315	-	-	-14.6541645	2.750223692	-11.4743954	-5.926507183
ENSRORG00000011017	-	-	-0.53120756	0.096363668	-2.619488091	-3.246530473
ENSRORG00000012224	gapdh	glyceraldehyde-3-phosphate dehydrogenase [Source:NCBI gene:Acc:101172760]	-0.915818234	-0.610358232	-2.768722023	-3.073697303
ENSRORG00000016951	sh2d5	SH2 domain containing 5 [Source:ZFIN:Acc:ZDB-GENE-060227-47]	-2.005739197	-0.247469437	-1.74245824	-3.500243016
ENSRORG00000013213	efcc1	EF-hand and coiled-coil domain containing 1 [Source:ZFIN:Acc:ZDB-GENE-120813-3]	-2.563005554	-0.333781493	-1.497638367	-3.726374517
ENSRORG00000009443	slc8a3	solute carrier family 8 (sodium/calcium exchanger), member 3 [Source:ZFIN:Acc:ZDB-GENE-050810-1]	-2.614373338	-0.837757038	-0.637757038	-3.061437661
ENSRORG00000004531	wnr9b	wingless-type MMTV integration site family, member 9b [Source:ZFIN:Acc:ZDB-GENE-080201-1]	0.300509479	1.7883369	-2.652759339	-4.131601408
ENSRORG00000013890	-	-	-1.790823247	0.774826386	-1.266024522	-3.831046611
ENSRORG00000002976	-	-	-2.994945471	-0.235752452	-2.642911549	-1.041642283
ENSRORG00000014730	nrl3-5	nuclear factor, interleukin 3 regulated, member 5 [Source:ZFIN:Acc:ZDB-GENE-030131-7677]	-1.628282033	-0.533268887	-2.552972575	-3.647501203
ENSRORG00000012629	-	-	-2.124446527	-0.093257197	-1.105107467	-3.135811899
ENSRORG00000009963	-	-	14.66765			

	ENSRORG0000015441	mss1b	metastasis suppressor 1-like b [Source:ZFIN;Acc:ZDB-Gene-140718-4]	3.031704816	1.487904905	-2.543302119	-0.999017259
	ENSRORG0000010488	BCL11B (1 of 1)	B cell CLL/lymphoma 11B [Source:HGNC Symbol;Acc:HGNC:13222]	6.094672608	0.664132067	-2.755211745	2.6786102
	ENSRORG0000011078	naalad2	N-acetylated alpha-linked acidic dipeptidase 2 [Source:ZFIN;Acc:ZDB-Gene-040426-1023]	4.030057483	1.940197537	-2.128536655	-0.038912743
	ENSRORG0000002625	-	-	3.016001927	0.791652803	0.818919633	2.4029086
	ENSRORG0000012948	-	-	4.14874275	0.478840031	-2.305334339	1.417050266
	ENSRORG0000004734	strom3b	stromatin (PFB7)-like 3b [Source:ZFIN;Acc:ZDB-Gene-050417-366]	5.521542886	1.268833773	-2.394240111	1.858937399
	ENSRORG0000003814	-	-	3.548627883	1.240637421	-1.920674721	1.033102862
	ENSRORG0000010220	-	-	4.633686281	1.191332234	-2.379670786	0.872688864
	ENSRORG0000000347	trim45	tripartite motif containing 45 [Source:ZFIN;Acc:ZDB-Gene-070912-389]	5.079790228	3.276077436	-0.627188992	1.177006368
	ENSRORG0000001786	tbl1a	Tab, reelin signal transducer homolog 1a (Drosophila) [Source:ZFIN;Acc:ZDB-Gene-060528-1]	5.070726778	0.583373984	-2.656842818	1.83099483
	ENSRORG0000000184	card14	cardiac recruitment domain family member 14 [Source:ZFIN;Acc:ZDB-Gene-093010-1]	4.603639811	0.183570595	-0.776476261	1.809037392
	ENSRORG00000008876	TBL1XR1	transducin beta like 1-linked receptor 1 [Source:HGNC Symbol;Acc:HGNC:29529]	4.135552968	1.470526007	-0.04434987	2.621165218
	ENSRORG00000006149	col17a1b	collagen, type XVII, alpha 1b [Source:ZFIN;Acc:ZDB-Gene-030331-7145]	5.575936264	1.99105009	-2.457254999	1.310117162
	ENSRORG00000003036	-	-	4.658791329	2.756002024	-1.498147202	0.475126895
	ENSRORG0000000808	ptprc	protein tyrosine phosphatase, receptor type, C [Source:ZFIN;Acc:ZDB-Gene-092008-585]	3.686021237	2.822204123	-1.362594811	0.041706781
	ENSRORG00000008434	lgr6	Oryzias latipes leucine rich repeat containing G protein-coupled receptor 6 (lgr6), mRNA [Source:RefSeq mRNA;Acc:NC_01728833]	6.111868967	2.22104577	-1.958461978	1.932856697
	ENSRORG00000006341	SLOC24	solute carrier family 2 member 4 [Source:NCBI gene;Acc:101158976]	4.433611094	0.297475001	-1.346718441	2.789903369
	ENSRORG0000017044	ccc1	endothelin converting enzyme 1 [Source:ZFIN;Acc:ZDB-Gene-091110-100]	4.12692442	1.621562649	-1.212024025	1.293822431
	ENSRORG0000016137	ctcd2	catched 2 [Source:ZFIN;Acc:ZDB-Gene-98026-44]	4.884868797	0.684381466	-1.699611643	2.501358558
	ENSRORG0000016787	PKP4	plakophilin 4 [Source:HGNC Symbol;Acc:HGNC:3026]	3.590405457	0.997017148	-1.653805486	0.945335176
	ENSRORG0000003985	ITNAS	ichthadin AS [Source:HGNC Symbol;Acc:HGNC:3025]	3.162562821	0.32696987	-1.429158895	1.129232932
	ENSRORG0000014093	si.ch211-79k3	uncharacterized LOC101164588 [Source:NCBI gene;Acc:101164588]	4.757354692	1.16701144	-2.327189016	1.263953197
	ENSRORG0000013815	-	-	5.007627033	0.971977601	-1.790550578	2.241078552
	ENSRORG00000003722	PRSS23	serine protease 23 [Source:HGNC Symbol;Acc:HGNC:14370]	3.041818839	2.175194161	-0.44345203	0.4454203
	ENSRORG00000003079	KHLH4	ketch like family member 4 [Source:HGNC Symbol;Acc:HGNC:6355]	3.43278748	2.339907165	-0.733951071	0.359413372
	ENSRORG00000007168	si.ch73-17b13	si.ch73-17b13.3 [Source:ZFIN;Acc:ZDB-Gene-081104-245]	3.296533361	1.743791383	-1.252971173	3.002552441
	ENSRORG0000016519	RAB19	RAB19, member RAS oncogene family [Source:HGNC Symbol;Acc:HGNC:19982]	3.751453696	0.422415539	-1.27087919	2.102435744
	ENSRORG0000016970	zgc:158343	uncharacterized LOC105354811 [Source:NCBI gene;Acc:105354811]	4.63091467	1.759953906	-1.584425504	1.28701987
	ENSRORG0000015008	-	-	6.444445343	2.675049297	-0.837676304	2.93211497
	ENSRORG00000000858	pitx1	paired-like homeodomain 1 [Source:ZFIN;Acc:ZDB-Gene-060421-3623]	5.305718698	0.429706529	-3.159373984	1.717124567
	ENSRORG0000011289	tm4sf4	transmembrane 4, six family member 4 [Source:NCBI gene;Acc:101159982]	17.1579969	13.6031023	-0.596894437	2.958466613
	ENSRORG00000002533	ngfra	nerve growth factor receptor A (NGFR superfamily, member 16) [Source:ZFIN;Acc:ZDB-Gene-050928-1]	5.307748978	-0.313696715	-2.113268579	3.508662022
	ENSRORG0000004373	-	-	3.100897275	0.318814313	-2.465332704	0.317204881
	ENSRORG00000008714	erap2	endoplasmic reticulum aminopeptidase 2 [Source:ZFIN;Acc:ZDB-Gene-080402-6]	3.210156026	2.517209811	-0.67530033	1.515102829
	ENSRORG0000017946	apoc2 (1 of 1)	apolipoprotein D-like [Source:NCBI gene;Acc:101159982]	8.428454748	3.278859	-20.60613079	-15.45634896
	ENSRORG00000002855	rida	reactive intermediate mine deaminase A homolog [Source:HGNC Symbol;Acc:HGNC:18997]	3.388517179	0.95433887	-1.010749264	1.423913794
	ENSRORG00000007353	h3s3t3b1a	heparan sulfate (glucosamine) 3-O-sulfotransferase 3b1a [Source:ZFIN;Acc:ZDB-Gene-070202-4]	3.180130515	1.776281828	-0.034825223	2.70105381
	ENSRORG00000005181	zgc:101540	uncharacterized LOC101540 [Source:NCBI gene;Acc:1011540]	4.929063266	2.498087044	-0.605114455	0.768980986
	ENSRORG0000014049	shc42e1	short chain dehydrogenase/reductase family 42E, member 1 [Source:ZFIN;Acc:ZDB-Gene-051120-63]	3.24884381	0.976280857	-1.63411425	1.62463688
	ENSRORG0000015156	gabrapl2	GABA(A) receptor-associated protein like 2 [Source:ZFIN;Acc:ZDB-Gene-040718-336]	3.096386023	0.971960912	-0.019652391	2.105257878
	ENSRORG0000012468	cygb1	Oryzias latipes cytoglobin-1 (cygb1), mRNA [Source:RefSeq mRNA;Acc:NC_0104767]	3.757157462	1.574271953	-2.598266401	-0.414899543
	ENSRORG00000005881	cyry1	purinergic receptor P2Y1 [Source:NCBI gene;Acc:10117350]	4.140046394	2.400651003	-0.50926431	1.230612376
	ENSRORG0000018030	-	-	5.113148006	2.457468231	-3.4867147	-0.830552005
	ENSRORG00000008378	-	-	4.50192984	1.290916288	-0.101789957	2.19360154
	ENSRORG00000004987	HOXA2 (1 of 2)	homeobox A2 [Source:HGNC Symbol;Acc:HGNC:5103]	5.830782083	1.75615232	-3.137763496	0.937352101
	ENSRORG0000015772	chma2	cholinergic A2 [Source:ZFIN;Acc:ZDB-Gene-093311-6]	4.292787728	1.051325342	-1.68941931	1.572417173
	ENSRORG00000007960	sow9	Oryzias latipes SRY-box 9 (sow9), mRNA [Source:RefSeq mRNA;Acc:NC_01105086]	5.005430592	1.40092784	-0.903933364	2.70105381
	ENSRORG0000014397	dec1b	Oryzias latipes DLH1 protein DCL1b (dec1b), mRNA [Source:RefSeq mRNA;Acc:NC_0104732]	3.124964192	0.734544869	-1.28474171	1.106156698
	ENSRORG0000011226	TTBK2	tau tubulin kinase 2 [Source:HGNC Symbol;Acc:HGNC:19141]	16.37637861	14.09223932	0.698251537	2.982858561
	ENSRORG00000005247	nmt1b	N-myristoyltransferase 1b [Source:ZFIN;Acc:ZDB-Gene-061122-201]	4.260409971	-0.122546815	-2.270166604	2.113351896
	ENSRORG00000006656	ngnt1	nestrobinectin [Source:ZFIN;Acc:ZDB-Gene-090312-2001]	3.365264536	1.448374797	-2.259011306	-0.34169717
	ENSRORG0000015412	-	-	3.254979494	-0.075189972	-2.065088859	1.26556594
	ENSRORG0000011411	slc26a1	solute carrier family 26 (anion exchanger), member 1 [Source:ZFIN;Acc:ZDB-Gene-070112-2182]	4.682089436	0.7656165	-2.561882716	1.076591561
	ENSRORG00000007737	-	-	3.12079547	0.596150677	-1.502306663	1.022823122
	ENSRORG0000000895	-	-	16.0118399	13.68818529	-1.795017504	0.519061986
	ENSRORG0000001079	-	-	7.015331894	2.36316857	-3.115768993	1.536875628
	ENSRORG00000001520	erbb3a	erb-B2 receptor tyrosine kinase 3a [Source:ZFIN;Acc:ZDB-Gene-030916-3]	5.203631574	-0.760314367	-2.097944667	3.866481324
	ENSRORG00000003060	-	-	3.880971088	3.331284728	0.542051489	1.02222929
	ENSRORG00000101400	dkk1a	Dickkopf-related protein 1 [Source:NCBI gene;Acc:101172518]	18.77613667	12.92917332	-8.054981061	-2.207551292
	ENSRORG00000006345	dkk1a	Dickkopf-related protein 1 [Source:NCBI gene;Acc:101172518]	5.61781803	2.416988049	-1.222940415	1.978378321
	ENSRORG00000002352	si.ch1073-27b9	ninurin 1 [Source:HGNC Symbol;Acc:HGNC:7824]	5.052299924	2.229800006	-2.229800006	0.697017078
	ENSRORG0000011579	slc2a2	solute carrier family 2 (facilitated glucose transporter), member 2 [Source:ZFIN;Acc:ZDB-Gene-030131-1213]	6.215573509	-9.965510147	-16.18109304	0
	ENSRORG0000016244	paqr6	progestin and androgen receptor family member VI [Source:ZFIN;Acc:ZDB-Gene-090714-1]	3.690187879	0.70946628	-0.769741331	2.211456149
	ENSRORG0000015348	tsf3mp1	tumor protein p53 inducible nuclear protein 1 [Source:ZFIN;Acc:ZDB-Gene-031018-3]	3.188448583	0.619156072	-1.304679924	1.265097264

	ENSRORG00000006121	HIP1R	huntingtin interacting protein 1 related [Source:HGNC Symbol;Acc:HGNC:18415]	-	-	-2.735311028	0.343604286
	ENSRORG00000006179	-	-	-	-	-13.7246897	2.064738777
	ENSRORG00000004896	trim36	tripartite motif containing 36 [Source:ZFIN;Acc:ZDB-Gene-040426-208]	-	-	-2.535936276	0.064969197
	ENSRORG00000013281	frscl1	Fibronectin type III domain containing 1 [Source:ZFIN;Acc:ZDB-Gene-041210-332]	-	-	-2.646306918	1.156933068
	ENSRORG00000003884	sparrn	sparrn A [Source:ZFIN;Acc:ZDB-Gene-080204-37]	-	-	-2.808609497	0.139436253
	ENSRORG0000001421	had17b12					

	ENSORLG0000006570	znf503	zinc finger protein 503 [Source:NCBI gene:Acc:101174213]	5.87054366	1.786424017	-2.55587031	1.528735162
	ENSORLG0000000212	-	scdram/cosasum transporting ATPase subunit alpha-1 [Source:NCBI gene:Acc:100049455]	5.249745539	-0.008755089	-3.097511346	2.161494126
	ENSORLG00000003108	paplnb	papilin b, proteoglycan-like sulfated glycoprotein [Source:ZFIN:Gene:ZDB-GENE-030131-6023]	16.52344237	12.52889115	-6.265991041	-2.631569238
	ENSORLG00000006392	-	-	4.832596557	1.051136717	-2.634716364	1.147167457
	ENSORLG00000001661	-	-	4.886551903	0.454371224	-1.882984151	2.549701016
	ENSORLG00000003715	fbx14b	F-box and leucine-rich repeat protein 14b [Source:ZFIN:Acc:ZDB-GENE-030131-3556]	3.226175201	1.419173621	0.102454989	1.911941311
	ENSORLG000000001758	s1rkey-11c3	uncharacterized LOC101167627 [Source:NCBI gene:Acc:101167627]	16.75467602	11.36132923	-3.371944118	2.021872009
	ENSORLG000000017962	pdtk1	PDZ domain containing 1 [Source:NCBI gene:Acc:101175521]	5.985818843	-1.014378455	-4.385094926	2.615569595
	ENSORLG00000002989	scg3	secretogranin III [Source:ZFIN:Acc:ZDB-GENE-040426-1725]	3.329015947	0.385760769	-1.080782604	1.862958329
	ENSORLG000000008481	prsf60.2	serine protease 60.2 [Source:ZFIN:Acc:ZDB-GENE-050201-109]	4.10017553	0.827649303	-2.386022175	0.90494373
	ENSORLG000000011193	fbn7	fibulin 7 [Source:ZFIN:Acc:ZDB-GENE-170130-2]	4.684619064	0.00618396	-1.681557079	2.997360838
	ENSORLG000000016858	htbs3a	thrombospondin 3a [Source:ZFIN:Acc:ZDB-GENE-020708-3]	3.543559857	2.430618496	-1.173346305	-0.059919766
	ENSORLG00000007129	swap70a	switching 3 cell complex subunit SWAP70a [Source:ZFIN:Acc:ZDB-GENE-040426-1182]	4.009748177	2.097141343	-2.74690044	-0.833808948
	ENSORLG00000007363	mfl9b	ring finger protein 19b [Source:ZFIN:Acc:ZDB-GENE-060503-291]	3.220240165	1.560262518	-1.256409973	0.404052383
	ENSORLG000000004996	sov11a	SRY (sex determining region Y)-box 11a [Source:ZFIN:Acc:ZDB-GENE-980526-396]	4.267046076	1.090761714	-0.743943925	2.42819192
	ENSORLG000000003132	-	-	3.524435701	1.648302843	-1.375448285	0.501117137
	ENSORLG000000014858	oxmb	oxalitin b [Source:ZFIN:Acc:ZDB-GENE-130630-697]	3.871963499	1.737979551	-0.122245409	2.012406433
	ENSORLG000000015876	flrt2	fibronectin leucine rich transmembrane protein 2 [Source:ZFIN:Acc:ZDB-GENE-070705-267]	3.988444232	1.880903172	-0.809493698	1.298531268
	ENSORLG000000016561	lert4	keratin 4 [Source:ZFIN:Acc:ZDB-GENE-000607-83]	5.35402952	0.3174975	-2.456126917	2.580899722
	ENSORLG000000017856	myom1a	myomesin 1a (katerin) [Source:ZFIN:Acc:ZDB-GENE-030131-2856]	3.859318196	1.354485253	-0.421154336	2.084161267
	ENSORLG00000002528	alh3a2b	aldehyde dehydrogenase 3 family member A2b [Source:ZFIN:Acc:ZDB-GENE-040912-103]	4.914338459	1.26383919	-1.309857702	2.341131881
	ENSORLG000000016046	cock3b	coiled-coil domain-containing protein 3 [Source:NCBI gene:Acc:101181051]	4.079724625	1.063263111	-2.241251	0.775690031
	ENSORLG000000002699	kirrel1b	kirie like nephrin family adhesion molecule 1b [Source:ZFIN:Acc:ZDB-GENE-070912-173]	5.9340132	3.262722839	-2.274356495	0.397419003
	ENSORLG000000015665	tp63	tumor protein p63 [Source:ZFIN:Acc:ZDB-GENE-030913-1]	5.57250455	0.46419127	-3.092094245	2.001507685
	ENSORLG000000015772	agp12	aquaporin 12 [Source:ZFIN:Acc:ZDB-GENE-040718-310]	3.733128124	1.46806992	-2.707782521	-0.44223912
	ENSORLG000000005381	lrp2b	low-density lipoprotein receptor-related protein 2 [Source:NCBI gene:Acc:101185597]	4.934046992	-0.382869831	-2.981586165	2.338815437
	ENSORLG0000000013828	s1rkey-25d11-25d11.7	s1rkey-25d11.7 [Source:ZFIN:Acc:ZDB-GENE-141216-296]	4.300760675	0.571681339	-0.945786139	2.78780579
	ENSORLG000000012779	-	-	4.232118935	2.00989005	-1.311339111	0.92027568
	ENSORLG000000013986	ajapb	ajapolipoprotein Eb [Source:NCBI gene:Acc:101161673]	4.783773504	2.106277451	-1.42262949	1.253351915
	ENSORLG000000016619	my9a	myosin light chain 9a, regulatory [Source:ZFIN:Acc:ZDB-GENE-041010-130]	3.548947692	1.54621195	-0.579041653	1.424175084
	ENSORLG000000003615	s1rkey-85k7.10	s1rkey-85k7.10 [Source:ZFIN:Acc:ZDB-GENE-160728-49]	15.87965312	12.80059054	-4.244882210	-1.165354689
	ENSORLG000000012464	tgml1	transglutaminase 1 like 1 [Source:ZFIN:Acc:ZDB-GENE-060503-139]	3.567064122	2.230971263	-1.78622701	-0.455944114
	ENSORLG000000008514	cd8a	uncharacterized LOC100125537 [Source:NCBI gene:Acc:100125537]	17.03037024	12.08947696	-2.275388342	2.665973237
	ENSORLG000000003278	-	LHP1, tetraspan subfamily member 2 protein [Source:NCBI gene:Acc:101158202]	5.45569985	2.207231923	-0.323498957	2.925373317
	ENSORLG000000017422	shank3b	SH3 and multiple ankyrin repeat domains 3b [Source:ZFIN:Acc:ZDB-GENE-041010-74]	4.186868643	2.08834724	-0.120868672	1.085709994
	ENSORLG000000013864	cytda	CYTD (yne D) deubiquitinase [Source:NCBI gene:Acc:101156964]	6.77182471	0.953688042	-2.935350582	2.824911832
	ENSORLG000000017998	mtbp (1 of ma)	muscle-specific beta 1 integrin binding protein [Source:ZFIN:Acc:ZDB-GENE-030404-1]	5.661279958	0.059613436	-4.441423283	1.16071917
	ENSORLG000000008542	-	-	4.059147682	2.170272775	-0.469974542	1.419446558
	ENSORLG000000013491	smo2	SPARC related modular calcium binding 2 [Source:ZFIN:Acc:ZDB-GENE-021031-5]	4.329192162	1.232262448	-3.040211091	0.057199811
	ENSORLG000000016141	-	uncharacterized LOC101171775 [Source:NCBI gene:Acc:101171775]	5.551453163	0.3136944	-2.500347349	2.737896572
	ENSORLG000000004545	PLEKH45	pleckstrin homology domain containing A5 [Source:HGNC Symbol:Acc:HGNC:30036]	3.737729797	1.217776506	-0.909520933	1.610916684
	ENSORLG000000005422	pik3cd	phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit delta [Source:ZFIN:Acc:ZDB-GENE-040426-1128]	3.516970528	2.311197861	-0.959902049	0.246354188
	ENSORLG000000007824	notum1a	notum, palmitoleyl-protein carboxylesterase a [Source:ZFIN:Acc:ZDB-GENE-120807-2]	5.617322588	3.250924589	-0.235742017	2.131143981
	ENSORLG000000010967	hand2	heart and neural crest derivatives expressed 2 [Source:ZFIN:Acc:ZDB-GENE-000511-1]	16.62005053	12.47212979	-1.735048934	2.413338151
	ENSORLG000000010305	lystr1	lysine 3-hydroxy-3-methylglutaryl-CoA reductase [Source:HGNC Symbol:Acc:HGNC:5006]	3.741861125	-0.546116317	-3.842709239	0.445751715
	ENSORLG000000017313	HWGR (1 of m)	cysteinyl histidine receptor 1 [Source:ZFIN:Acc:ZDB-GENE-050522-250]	3.478191599	0.491379216	-1.82875541	1.158541807
	ENSORLG000000009916	leap2	liver-expressed antimicrobial peptide 2 [Source:ZFIN:Acc:ZDB-GENE-081022-131]	5.939739739	1.273353382	-5.806520648	-1.139648934
	ENSORLG000000015700	CAMSPA2 (1 of c)	calmodulin regulated spectrin associated protein family member 2 [Source:HGNC Symbol:Acc:HGNC:29188]	3.905727571	2.451571624	-0.971605886	0.483034375
	ENSORLG000000013508	ETS1	ETS proto-oncogene 1, transcription factor [Source:HGNC Symbol:Acc:HGNC:5498]	3.744772844	1.731078457	-1.110110599	0.890968933
	ENSORLG000000009885	she	Src homology 2 domain containing E [Source:ZFIN:Acc:ZDB-GENE-090915-6]	4.452180129	1.880246834	-0.738544226	1.83387733
	ENSORLG000000014923	-	-	3.486734623	1.443230624	0.003956362	2.047944631
	ENSORLG000000002085	cdkn1db	cyclin dependent kinase inhibitor 1C [Source:NCBI gene:Acc:101173627]	5.544733363	1.814162592	-1.818631996	1.912423973
	ENSORLG000000001428	trmem35	transmembrane protein 35A [Source:NCBI gene:Acc:101185318]	4.411773879	3.180310939	1.350868509	2.582815819
	ENSORLG000000000058	-	-	5.128349326	1.855400034	-2.216465498	1.05698076
	ENSORLG000000006005	-	-	4.091124102	2.588799698	-1.638670512	-0.13860677
	ENSORLG000000003591	col5a1	procollagen, type V, alpha 1 [Source:ZFIN:Acc:ZDB-GENE-041105-6]	4.51664439	1.922910016	-3.17008089	-0.575861785
	ENSORLG000000011024	endouc	poly(U)-specific endoribonuclease-C [Source:NCBI gene:Acc:101164801]	3.965746172	1.8601716	-1.803901088	0.302152307
	ENSORLG000000013159	otoc	otocystin [Source:ZFIN:Acc:ZDB-GENE-120601-1]	4.311805563	-2.218182408	-2.399431419	4.221038544
	ENSORLG000000003453	inka1b	family with sequence similarity 212, member Ab [Source:ZFIN:Acc:ZDB-GENE-030131-5538]	3.922400857	0.352327789	-1.197218108	2.373344885
	ENSORLG000000013484	sesn1	sesn1 [Source:ZFIN:Acc:ZDB-GENE-040718-408]	4.07986668	1.321891568	-2.743702987	0.005878995
	ENSORLG00000001438	zpc-101640	zpc-101640 [Source:ZFIN:Acc:ZDB-GENE-041114-158]	3.370897679	2.007421373	-0.202679376	1.161281898
	ENSORLG000000006161	s1rkey-153b	s1rkey-153b23.3 [Source:ZFIN:Acc:ZDB-GENE-141216-408]	3.380713063	0.89523185	-1.083256185	1.412706648
	ENSORLG000000000288	SUSD2	sushi domain containing 2 [Source:HGNC Symbol:Acc:HGNC:30667]	3.132409212	-0.286723955	-2.935615846	0.48400277
	ENSORLG000000010756	cyr61	cysteine rich angiogenic inducer 61 [Source:NCBI gene:Acc:101157527]	4.42775443	2.262191598	-1.395616115	0.770431353
	ENSORLG000000005034	-	-	4.665391044	-0.004595584	-2.440088986	2.230387653
	ENSORLG000000010786	-	-	4.63115784	1.607496873	-0.153612915	2.870531598

	ENSORLG00000017389	atpr	protein tyrosine phosphatase, receptor type, r [Source:ZFIN:Acc:ZDB-GENE-101029-2]	-1.935547812	0.359776844	-0.899138881	-3.193878315
	ENSORLG000000004187	-	-	2.364372005	6.710977083	-8.446034603	-9.192147038
	ENSORLG000000010652	pkir	pyruvate kinase LR [Source:ZFIN:Acc:ZDB-GENE-010907-1]	-2.256001185	-0.890872401	-2.93779855	4.302522443
	ENSORLG000000005715	olfrp6	extracellular calcium-sensing receptor-like [Source:NCBI gene:Acc:101174763]	-10.72021005	5.261451258	0	15.981666828
	ENSORLG00000007527	h2afk	histone H2AFK [Source:NCBI gene:Acc:101160298]	-2.692616242	0.128056926	-0.427688648	-3.24781375
	ENSORLG000000004161	-	cytochrome C-binding protein CCO10 homolog, mitochondrial [Source:NCBI gene:Acc:101164311]	2.927120005	5.038389836	-1.584207666	-3.680218489
	ENSORLG000000002339	slc1a8a	solute carrier family 1 (glutamate transporter), member 8a [Source:ZFIN:Acc:ZDB-GENE-101111-8]	-4.311127212	1.232718956	-10.90918806	-16.45304909
	ENSORLG000000018254	myo1b	myosin IIb [Source:ZFIN:Acc:ZDB-GENE-030131-695]	-2.524037155	-0.430114981	-2.553562568	-4.646999808
	ENSORLG000000015035	atp8b1	ATPase phospholipid transporting 8b1 [Source:ZFIN:Acc:ZDB-GENE-091116-14]	-1.281819134	0.612042139	-1.535126945	-3.428503271
	ENSORLG000000011040	-	-	-13.8786583	4.523870262	15.25486454	-3.156340989
	ENSORLG000000004834	-	-	-1.713264261	0.173699249	-1.27464589	-3.161124705
	ENSORLG000000017339	-	-	-0.948739858	0.130384993	-2.598959583	-3.677599408
	ENSORLG000000003946	-	-	-2.950348008	0.785451297	0.652119356	-3.08319489
	ENSORLG000000013914	TRIM16L	tripartite motif containing 16 like [Source:HGNC Symbol:Acc:HGNC:32870]	-2.115146643	-0.570719382	-2.277917144	-3.821859566

ENSRLOG0000009694	plcd1a	1-phosphatidylinositol 4,5-bisphosphate phosphohydrolase delta-1 [Source:NCBI gene:Acc:101187907]	3.43916398	1.009265052	-0.576947422	1.853436852
ENSRLOG0000001361	aff4	AF4/FMR2 family, member 4 [Source:ZFIN:Acc:ZDB-GENE-100910-5]	3.304670106	0.358121226	-1.535455502	1.411578151
ENSRLOG0000007407	-	-	4.759943724	0.786314635	-3.059712434	0.914402192
ENSRLOG00000007839	113a1b	coagulation factor XIII, A1 polypeptide b [Source:ZFIN:Acc:ZDB-GENE-030131-9634]	3.267768531	2.436857568	-1.181395231	-0.349999308
ENSRLOG00000006917	si.ch211-191d	si.ch211-191d15.2 [Source:ZFIN:Acc:ZDB-GENE-040724-119]	3.193524014	1.610834611	-1.066659863	0.516514916
ENSRLOG00000013034	mycn	MYCN proto-oncogene, bHLH transcription factor [Source:ZFIN:Acc:ZDB-GENE-020711-11]	4.447896487	1.868890185	-1.761672787	0.817618907
ENSRLOG0000004534	da2	chymotrypsin-like elastase family member 2A [Source:NCBI gene:Acc:101168538]	7.624791755	1.916194931	-6.019553209	-0.31047131
ENSRLOG0000001261	sash3	SAM and SH3 domain containing 3 [Source:ZFIN:Acc:ZDB-GENE-120411-11]	4.114263436	2.244308615	-1.629684362	0.2407555
ENSRLOG0000001384	si.ch73-28112	si.ch73-28112.4 [Source:ZFIN:Acc:ZDB-GENE-130530-882]	3.087120788	1.354043236	0.689733395	2.423299598
ENSRLOG00000008732	nr4a3	nuclear receptor subfamily 4 group A member 3 [Source:NCBI gene:Acc:101167731]	6.33471603	2.207613759	-2.078178718	2.049413047
ENSRLOG00000017648	dhmt3aa	DNA (cytosine-5-)-methyltransferase 3 alpha a [Source:ZFIN:Acc:ZDB-GENE-050314-5]	4.664060599	1.468538813	-1.884960654	1.311046307
ENSRLOG00000011636	-	-	3.092706294	0.53777853	-1.59392937	0.96148888
ENSRLOG00000017492	sp9	Sp9 transcription factor [Source:NCBI gene:Acc:101162490]	5.492717214	-0.137475663	-3.0498747	2.581702422
ENSRLOG0000001322	-	-	4.578042768	1.445718514	-0.7249729304	2.88308728
ENSRLOG00000014341	-	-	4.292731708	1.793373361	-1.467397973	1.032446064
ENSRLOG00000002677	rac3b	Rac family small GTPase 3b [Source:ZFIN:Acc:ZDB-GENE-080270-21]	3.13520356	2.191301121	-1.750543217	-0.806155051
ENSRLOG00000015125	-	-	5.608513124	0.638457698	-2.548949424	2.463915666
ENSRLOG00000007584	-	-	3.862724723	1.013253856	-2.522434378	0.327530773
ENSRLOG00000005033	slc34a1a	solute carrier family 34 (type II sodium/phosphate cotransporter), member 1A [Source:ZFIN:Acc:ZDB-GENE-101006-3]	6.094690897	0.354679694	-6.933252838	-1.192757079
ENSRLOG00000011559	pcdh1b	protocadherin 1b [Source:ZFIN:Acc:ZDB-GENE-091015-2]	4.947034522	1.858827086	-0.998663291	2.091829778
ENSRLOG00000009705	-	-	3.100681921	1.543365936	-1.98176534	-0.380376369
ENSRLOG00000017543	-	-	6.032096323	3.726543399	-0.418071292	1.887308262
ENSRLOG0000001340	-	-	4.893233361	1.891708476	-4.770835321	-1.630635331
ENSRLOG00000004586	ela2l	chymotrypsin-like elastase family member 2A [Source:NCBI gene:Acc:101168781]	7.410065549	2.399678539	-5.846825611	-0.83595371
ENSRLOG00000007107	chd3	chromatin domain helicase DNA binding protein 3 [Source:ZFIN:Acc:ZDB-GENE-121031-4]	4.911365796	1.786376887	-0.916319706	2.209155984
ENSRLOG00000016940	ihf5	inter-alpha-trypsin inhibitor heavy chain family, member 5 [Source:ZFIN:Acc:ZDB-GENE-041213-193]	3.116657252	2.559702795	-2.00915073	-1.451736721
ENSRLOG00000001392	ker8	keratin, type II cytoskeletal 8 [Source:NCBI gene:Acc:101168366]	3.939186801	1.344866294	-1.560414072	1.034391424
ENSRLOG00000017048	hoxb3a	homeobox B3a [Source:ZFIN:Acc:ZDB-GENE-990415-104]	6.115466673	0.753846706	-3.438852147	1.923252633
ENSRLOG00000002980	gmt	phosphoethanolamine methyltransferase [Source:ZFIN:Acc:ZDB-GENE-060929-740]	5.357600252	0.855899793	-2.503543326	1.99640198
ENSRLOG00000000636	notch1b	notch 1b [Source:ZFIN:Acc:ZDB-GENE-990415-183]	4.086384164	1.052638663	-0.53959988	2.394378474
ENSRLOG00000005670	tubb1	tubulin, beta 1 class VI [Source:ZFIN:Acc:ZDB-GENE-110408-5]	18.60065849	0	-1.472452009	15.1289801
ENSRLOG00000009959	-	-	3.725757427	2.873040663	0.084744482	0.887449178
ENSRLOG00000000240	-	-	7.184858465	-11.77195159	-5.398888721	13.56145025
ENSRLOG00000000217	-	-	6.611909876	-0.163353531	-3.549366187	3.226381005
ENSRLOG00000009888	hapln1a	hyaluronan and proteoglycan link protein 1a [Source:ZFIN:Acc:ZDB-GENE-050302-175]	3.830939162	2.037300297	-0.637299902	1.156824069
ENSRLOG00000000321	lgr11b	fibroblast growth factor receptor 1b [Source:ZFIN:Acc:ZDB-GENE-060510-14]	3.784000326	1.173848403	-1.777117377	0.293519203
ENSRLOG00000017377	fox3	forkhead box O3 [Source:NCBI gene:Acc:100301615]	5.41838635	2.4532552	-1.437535303	1.521537326
ENSRLOG00000004154	notch2	notch 2 [Source:ZFIN:Acc:ZDB-GENE-000279-4]	3.032382767	0.903883841	-1.070743496	1.060250335
ENSRLOG00000012685	si.dkey-19218	si.dkey-19218.9 [Source:ZFIN:Acc:ZDB-GENE-120709-25]	4.010891604	2.045130566	-0.809740086	1.156506178
ENSRLOG00000016594	TSPAN9	terraspanin-9 [Source:NCBI gene:Acc:101168895]	3.58667391	1.784053068	-0.982078216	0.841027350
ENSRLOG00000013238	-	-	5.152248264	0.948893451	-2.272837219	1.931037061
ENSRLOG00000014641	RELN	reelin [Source:NCBI gene:Acc:100049232]	4.38866463	2.5364791	-1.133414024	0.69938353
ENSRLOG00000008292	pnp5a	purine nucleoside phosphorylase 5a [Source:ZFIN:Acc:ZDB-GENE-040476-2553]	4.895100153	1.938674351	-2.230945724	0.725965396
ENSRLOG00000017242	-	-	18.03861404	11.27488188	-2.12931888	6.691768219
ENSRLOG00000003389	itgb3a	integrin beta 3a [Source:ZFIN:Acc:ZDB-GENE-071207-1]	4.418097853	0.748466748	-2.155256556	1.545593076
ENSRLOG000000015138	lrrc32	leucine rich repeat containing 32 [Source:ZFIN:Acc:ZDB-GENE-090630-11]	3.270039768	1.094496372	-1.15092006	1.02510844
ENSRLOG00000012662	ker94	keratin, type I cytoskeletal 13 [Source:NCBI gene:Acc:101160141]	4.384269735	1.474124632	-2.698989209	0.211640987
ENSRLOG00000005486	lbox	tobdy sox homolog (Drosophila) [Source:ZFIN:Acc:ZDB-GENE-091014-306]	4.093161234	1.398210198	0.078224887	2.773669373
ENSRLOG000000015641	dfc6c	differentially expressed in FDCP 6c homolog [Source:ZFIN:Acc:ZDB-GENE-060503-87]	4.91413801	0.795638273	-1.435035376	2.689351072
ENSRLOG00000004222	fstl3	follicularin-like 3 (secreted glycoprotein) [Source:ZFIN:Acc:ZDB-GENE-050913-111]	3.544933558	-0.597288362	-4.403607057	-0.260900531
ENSRLOG00000003013	lpar6a	lysophosphatidic acid receptor 6a [Source:ZFIN:Acc:ZDB-GENE-061013-343]	4.325091195	2.093900011	-1.561613022	0.670063323
ENSRLOG00000003048	mala	myelin and lymphocyte protein [Source:NCBI gene:Acc:101170152]	17.55624199	12.91785874	-2.782158993	1.856691515
ENSRLOG00000007410	-	-	5.705179669	1.90953445	-2.27852644	1.517605129
ENSRLOG00000004980	adams1	ADAM metalloproteinase with thrombospondin type 1 motif 1 [Source:ZFIN:Acc:ZDB-GENE-070814-1]	4.712591344	1.523823493	-2.12084447	1.068044496
ENSRLOG00000014372	cdk42ep1b	CDK42 effector protein (Rho GTPase binding) 1b [Source:ZFIN:Acc:ZDB-GENE-120215-219]	3.294153131	1.231307093	-0.991239828	1.072090404
ENSRLOG00000015357	smug1	single-strand-selective monofunctional uracil-DNA glycosylase 1 [Source:ZFIN:Acc:ZDB-GENE-030131-9473]	3.473553394	1.39096626	-1.62761347	0.455460101
ENSRLOG00000010032	cpb1	carboxypeptidase B1 [Source:NCBI gene:Acc:101169819]	7.051475306	0.995571272	-6.77844683	-0.711455828
ENSRLOG00000006540	si.ch211-16312	si.ch211-16312.8 [Source:ZFIN:Acc:ZDB-GENE-041008-93]	6.999924577	3.996310291	-0.533663353	3.070418329
ENSRLOG00000005820	-	-	3.695861017	2.035138074	-1.105215126	0.555988588
ENSRLOG00000001650	cytb	cytochrome b-245, beta polypeptide (chronic granulomatous disease) [Source:ZFIN:Acc:ZDB-GENE-040426-1380]	5.425295653	2.704668975	-2.87613327	-0.155023479
ENSRLOG000000015444	tpka	inositol-trisphosphate 3-kinase A [Source:ZFIN:Acc:ZDB-GENE-030616-116]	5.322046843	1.174141102	-2.341278298	1.80711249
ENSRLOG000000013386	tm6d6	transmembrane 624 trafficking protein 6 [Source:ZFIN:Acc:ZDB-GENE-131121-182]	6.210161904	3.275843885	-3.408458423	-0.473655099
ENSRLOG00000016361	-	-	4.345203184	1.221825402	-1.262134096	1.861728761
ENSRLOG00000008679	H3hc	histone H3.3 [Source:NCBI gene:Acc:101163693]	3.42071398	1.192791403	-0.38166411	1.852100775
ENSRLOG00000002782	TCG (1 of mar)	ubiquitin [Source:HGN:Symbol:Acc:HGN:4191]	4.981694855	0.175942172	-2.425039203	-2.3569981
ENSRLOG00000000958	-	-	5.238256377	2.560401769	-2.822605885	-0.144268806
ENSRLOG00000011131	pnip2b	peripherin myelin protein 22 [Source:NCBI gene:Acc:101160768]	4.261914037	1.856317485	-0.675601869	1.730479303
ENSRLOG00000006611	NACC2	NACC family member 2 [Source:HGN:Symbol:Acc:HGN:23846]	5.894161038	1.049393503	-2.707159758	2.138092476

	ENSORLG00000010663	ela3l	chymotrypsin-like elastase family member 2A [Source:NCBI gene:Acc:101165737]	10.01339013	3.57369657	-17.58454599	-11.14479206
	ENSORLG00000009239	acsbq2	acyl-CoA synthetase butyryl-CoA family member 2 [Source:ZFIN,Acc:ZDB-GENE-030131-7099]	3.026229322	1.229299857	-0.863812008	0.93360245
	ENSORLG00000001258	rab25a	RAB25, member RAS oncogene family a [Source:ZFIN,Acc:ZDB-GENE-042127-69]	5.827123876	-0.257157534	-3.140282519	2.944483738
	ENSORLG000000018034	col4a2	collagen, type IV, alpha 2 [Source:ZFIN,Acc:ZDB-GENE-070725-3]	4.209608519	1.619743844	-0.966533113	1.623816686
	ENSORLG00000001038			3.062431047	1.69548537	-1.611306087	-0.243020617
	ENSORLG00000007725	Ihm3	inomin-like 3 [Source:ZFIN,Acc:ZDB-GENE-030131-1]	4.252969742	1.932164095	-0.118605957	2.206885048
	ENSORLG000000017893	-	-	7.298083566	-11.10417938	-4.57183783	13.83083009
	ENSORLG000000015894			3.064911319	1.958136991	0.712148069	1.81940121
	ENSORLG000000011125	lapk3a	LAP kinase 3a [Source:ZFIN,Acc:ZDB-GENE-100921-50]	2.929665571	0.15671113	-7.544407298	0.559110984
	ENSORLG000000010212	-	-	3.423672473	2.305031117	0.377526525	1.496653501
	ENSORLG000000009360	cyba	cytochrome b-245 light chain [Source:NCBI gene:Acc:895541]	3.712391787	1.564219844	-0.84677776	1.301878831
	ENSORLG000000021753	ND1	NAADH dehydrogenase subunit 1 [Source:NCBI gene:Acc:895541]	3.178893512	1.026975445	-0.098104602	2.054298447
	ENSORLG000000007292	metr1a	metrionin like, glial cell differentiation regulator [Source:NCBI gene:Acc:101166875]	3.468941135	0.642814205	-0.303745223	2.522866786
	ENSORLG000000004130	mb	myoD protein [Source:NCBI gene:Acc:101156224]	8.98274534	-0.631610862	-7.664404818	1.950439931
	ENSORLG000000006083	-	-	4.849126811	-0.138200024	-2.955103388	2.054115289
	ENSORLG000000013153	apodb (1 of m)	apolipoprotein Db [Source:ZFIN,Acc:ZDB-GENE-051023-8]	7.236043034	3.012957613	-2.626019964	1.597550856
	ENSORLG000000013965	ret	ret proto-oncogene receptor tyrosine kinase [Source:ZFIN,Acc:ZDB-GENE-980526-307]	3.410363581	-0.681607479	-2.745414936	1.347041391
	ENSORLG000000017142	itkb	inositol-trisphosphate 3-kinase B [Source:ZFIN,Acc:ZDB-GENE-041014-166]	3.212740056	2.108308784	0.291038256	1.399594604
	ENSORLG000000016711	meox2a	mesenchyme homeobox 2a [Source:ZFIN,Acc:ZDB-GENE-090613-1]	15.80618936	13.24318737	-2.356127575	0.207340063
	ENSORLG000000017937	-	-	3.006467722	0.533796077	-2.962077734	-0.488861316
	ENSORLG000000004460	pk4	pyruvate dehydrogenase kinase, isozyme 4 [Source:ZFIN,Acc:ZDB-GENE-060503-754]	4.137719682	1.844763143	-0.866304662	1.427137717
	ENSORLG000000001463	eml2	echinoderm microtubule associated protein like 2 [Source:ZFIN,Acc:ZDB-GENE-050706-71]	3.97892688	0.634635337	-2.391824877	0.952951593
	ENSORLG000000012199	MAPKAPK3	mitogen-activated protein kinase-activated protein kinase 3 [Source:HGNC Symbol,Acc:HGNC:6888]	3.069596776	1.950563439	0.143375725	1.262894016
	ENSORLG000000002020	-	-	4.500474772	1.708415937	-3.394808139	-0.602264303
	ENSORLG000000015001	pmela	premelanosome protein a [Source:ZFIN,Acc:ZDB-GENE-030131-9818]	4.71066297	0.60465386	-2.29884088	1.807653254
	ENSORLG000000004713	iftfp5a	insulin-like growth factor binding protein 5a [Source:ZFIN,Acc:ZDB-GENE-070520-8]	6.118255007	0.921415979	-3.864508332	1.332816241
	ENSORLG000000000449	ckma	creatine kinase M-type [Source:NCBI gene:Acc:101166239]	6.666240738	-1.038330727	-7.53135972	0.173694098
	ENSORLG000000016062	plcx1	phosphatidylinositol-specific phospholipase C, X domain containing 1 [Source:ZFIN,Acc:ZDB-GENE-131127-240]	3.697896011	1.967257757	-0.968311256	0.762752071
	ENSORLG000000002435	SPRED2	sprouty related EVH1 domain containing 2 [Source:HGNC Symbol,Acc:HGNC:17722]	4.667712073	1.911597178	-1.448947998	1.307651594
	ENSORLG000000010872	-	-	3.324968508	2.184657427	1.58813085	2.708925166
	ENSORLG000000009429	nr2f2	nuclear receptor subfamily 2, group F, member 2 [Source:ZFIN,Acc:ZDB-GENE-990415-257]	3.298882184	1.809396953	-1.619177644	-0.129207309
	ENSORLG000000007187	si.ch1073-184	si.ch1073-184c2.1 [Source:ZFIN,Acc:ZDB-GENE-081104-74]	9.337707948	4.431398478	-3.998096596	0.908680733
	ENSORLG000000009131	SLC16A7	solute carrier family 16 member 7 [Source:HGNC Symbol,Acc:HGNC:10928]	4.047961769	1.234519571	-1.196004731	1.617928881
	ENSORLG000000000490	-	-	3.589514847	1.105290182	-0.236587787	2.248121765
	ENSORLG000000001085	-	-	4.656869767	2.598020711	-1.100758072	1.059121581
	ENSORLG000000001383	-	-	3.014039953	2.84710195	-4.055948587	-3.888526012
	ENSORLG000000008455	cdt3fab	platelet derived growth factor subunit A [Source:NCBI gene:Acc:101158282]	5.046079451	2.294904722	-2.06560317	0.686055999
	ENSORLG000000020952	RFO0001	ES ribosome RNA [Source:NCBI gene:Acc:111949014]	7.368534603	4.775574153	0.292040973	2.883492478
	ENSORLG000000015472	-	-	4.709484438	3.42942191	-0.97866333	0.301878702
	ENSORLG000000006152	rg1	immunoresponsive gene 1, like [Source:ZFIN,Acc:ZDB-GENE-081103-301]	5.237260978	0.950342776	-6.440269667	-0.356624318
	ENSORLG000000014801	znf292a	zinc finger protein 292a [Source:ZFIN,Acc:ZDB-GENE-071004-18]	3.209196447	1.94985018	1.295136343	2.554967379
	ENSORLG000000006559	dup1	dual specificity phosphatase 1 [Source:ZFIN,Acc:ZDB-GENE-040426-2018]	3.946381482	0.935582038	-1.225257187	1.786027344
	ENSORLG000000015372	-	-	3.689909153	2.631943932	-1.292208077	-0.233754635
	ENSORLG000000017760	dct	dicoumarol tautomerase [Source:ZFIN,Acc:ZDB-GENE-000508-1]	3.954361226	0.634771596	-0.873530442	2.446543272
	ENSORLG00000002614	FBN1	fibrillin 1 [Source:HGNC Symbol,Acc:HGNC:3603]	3.408420467	1.662185511	-1.783292254	-0.036572096
	ENSORLG000000017906	-	-	3.07690093	1.695241981	-1.125796445	0.256347414
	ENSORLG000000009085	ap1nb	apelin receptor b [Source:ZFIN,Acc:ZDB-GENE-050913-90]	4.377136024	2.079199646	-1.451286428	0.847135277
	ENSORLG000000010894	-	-	16.00793283	12.5268828	-0.53418178	2.348522477
	ENSORLG000000016106	-	-	7.057921336	5.430707975	-1.13840188	0.487161015
	ENSORLG000000010823	ctse	catherin C [Source:ZFIN,Acc:ZDB-GENE-030619-9]	3.910709261	0.886791441	-2.157002103	0.867400646
	ENSORLG000000011195	zgc:165502	I2UMO1 receptor, JUNO [Source:HGNC Symbol,Acc:HGNC:20265]	5.910715022	1.019588224	-3.699679354	1.191932257
	ENSORLG000000007224	-	-	4.867813875	1.495021844	-1.085582982	2.287693818
	ENSORLG000000005228	-	-	3.581834027	1.728116608	-1.049773203	0.80442899
	ENSORLG000000007884	-	-	3.910982511	-0.461658556	-3.08657412	1.3118658
	ENSORLG000000009507	-	-	4.314043266	1.472829113	-0.64599494	2.195702421
	ENSORLG000000006848	ptgir	prostaglandin I2 receptor [Source:ZFIN,Acc:ZDB-GENE-120511-1]	4.261597001	1.417528693	-2.161846682	0.682705658
	ENSORLG000000016791	bcl2b	BCL2, apoptosis regulator b [Source:ZFIN,Acc:ZDB-GENE-110411-185]	4.535877934	1.77606758	-1.362304578	1.397991993
	ENSORLG000000003383	chdh	choline dehydrogenase [Source:ZFIN,Acc:ZDB-GENE-110211-1]	3.813556783	2.081358022	0.233954952	1.966638735
	ENSORLG000000021622	RFO0405	small nucleolar RNA SNORA44 [Source:NCBI gene:Acc:111948272]	4.163079204	2.305803319	0.485033777	2.342794384
	ENSORLG000000002726	shna1b	shna like 1 [Source:NCBI gene:Acc:101156648]	4.738888812	1.499528647	-1.542201411	1.698621713
	ENSORLG000000004915	TNFRSF11B	TNF receptor superfamily member 11b [Source:HGNC Symbol,Acc:HGNC:11909]	6.690315894	3.879078844	-0.915020949	1.896712906
	ENSORLG000000010754	si.ch73-174b1	si.ch73-174b16.4 [Source:ZFIN,Acc:ZDB-GENE-160728-69]	3.343574526	1.103084913	-0.335286593	1.905688338
	ENSORLG000000005509	ngfrb	nerve growth factor receptor b [Source:ZFIN,Acc:ZDB-GENE-070806-2]	3.21935972	0.08383287	-1.52549551	1.610638407
	ENSORLG000000007478	mnmat2	nicotinamide nucleotide adenyltransferase 2 [Source:NCBI gene:Acc:101156529]	16.18988574	13.00350913	-0.554440136	2.632405182
	ENSORLG000000007556	her6	hevy-related 6 [Source:ZFIN,Acc:ZDB-GENE-980526-144]	3.494350718	1.599639782	-0.469914775	1.425280972
	ENSORLG000000002112	srna23	serine protease 23 [Source:ZFIN,Acc:ZDB-GENE-030131-9149]	4.268868495	2.474990232	-1.340061236	0.454302093
	ENSORLG000000015886	307	dermatocanin [Source:NCBI gene:Acc:101166619]	4.645439353	1.920194515	-3.178050512	-0.492876996
	ENSORLG000000016705	ACVR1C	activin A receptor type 1C [Source:HGNC Symbol,Acc:HGNC:18123]	5.401154318	-2.167387159	-1.363755552	6.205249355
	ENSORLG000000009387	plaua	plasminogen activator, urokinase type [Source:ZFIN,Acc:ZDB-GENE-030313-278]	4.510260041	3.291322605	-0.709910272	0.509881706
	ENSORLG000000010627	-	-	4.944068258	1.866728957	-1.787143962	1.290678001
	ENSORLG000000013293	-	-	6.693410426	1.6279778	-0.789988887	1.26692847
	ENSORLG000000004482	map3k8	mitogen-activated protein kinase kinase 8 [Source:ZFIN,Acc:ZDB-GENE-100316-8]	3.208463209	-0.037921467	-1.308119165	1.938750638
	ENSORLG000000000616	-	-	5.878437766	0.38142029	-3.19015672	2.308486278

ENSORLG00000009873	sdkey-26133	carbohydrate sulfotransferase 12 [Source:NCBI gene:Acc:101166690]	3.733738843	2.496481419	-0.437435208	0.798307842
ENSORLG00000002620	ast16	ankyrin repeat and SOCS box containing 16 [Source:ZFIN:Acc:ZDB-GENE-031031-3]	3.335149755	-0.138675325	-1.088338363	2.385970923
ENSORLG00000003028	-	-	4.634832873	1.187250656	-2.700016204	0.748048918
ENSORLG000000012170	MAFG (1 of m	transcription factor MAFG [Source:NCBI gene:Acc:101156633]	16.97535596	11.61654425	-2.444044293	2.915235775
ENSORLG000000012100	itr82	Int1RIM family, member 82 [Source:ZFIN:Acc:ZDB-GENE-030219-207]	3.957705437	2.315919416	-1.68574084	-0.043470021
ENSORLG000000012708	lyn	LYN proto-oncogene, Src family tyrosine kinase [Source:ZFIN:Acc:ZDB-GENE-040912-7]	4.381223008	1.513035605	-2.354131077	0.514539864
ENSORLG000000009318	-	-	5.842224073	2.172296555	-1.17958588	2.383853447
ENSORLG000000011180	apc1a	apiclinic 1a [Source:ZFIN:Acc:ZDB-GENE-051120-147]	4.370002951	0.805963536	-0.861518679	2.69004904
ENSORLG000000012055	hkl1	H2D-like homeo box 1 (Drosophila) [Source:ZFIN:Acc:ZDB-GENE-030131-5304]	4.078315828	1.618061769	-2.182976085	0.2776247
ENSORLG00000002904	ctdnh1 (1 of m	ctdnh1 [Source:ZFIN:Acc:ZDB-GENE-010328-8]	4.578075101	-2.311795793	-4.495786547	2.396618749
ENSORLG000000007239	-	-	4.854353503	1.080830391	-1.498396706	2.275610749
ENSORLG000000003645	ahhd14b	ahhydrolase domain containing 14B [Source:ZFIN:Acc:ZDB-GENE-040426-1343]	4.293386312	0.756309106	-1.685885805	1.851675986
ENSORLG000000015171	slcl6a10	solute carrier family 2 (anion/cation exchanger), member 10 [Source:ZFIN:Acc:ZDB-GENE-040426-1524]	4.410040589	0.577596738	-2.30603787	1.52689066
ENSORLG000000002007	efemp2a	EGF containing fibulin extracellular matrix protein 2a [Source:ZFIN:Acc:ZDB-GENE-041212-3]	4.296368417	2.295350141	-2.347666362	-0.346184101
ENSORLG000000012725	ldr2	immunoglobulin-like domain containing receptor 2 [Source:ZFIN:Acc:ZDB-GENE-050708-83]	3.664745061	1.761519044	0.317957343	2.22166855
ENSORLG000000013339	xyfl1	xylofuranase 1 [Source:ZFIN:Acc:ZDB-GENE-1111017-2]	4.324952079	0.331796636	-1.343057883	2.650623596
ENSORLG000000015871	hds1	hematopoietic cell-specific Lyn substrate 1 [Source:ZFIN:Acc:ZDB-GENE-030131-7191]	3.510863834	2.021478622	0.573325124	2.06319446
ENSORLG000000016085	hpk2	homeodomain interacting protein kinase 2 [Source:ZFIN:Acc:ZDB-GENE-031125-4]	3.163213322	0.949790948	-3.110075558	-0.896169037
ENSORLG000000017511	NT5E (1 of m	5'-nucleotidase ecto [Source:HGNC Symbol/Acc:HGNC:8021]	4.674935025	2.977083451	-0.873655179	0.82497241
ENSORLG000000009712	slc5a1	solute carrier family 5 (sodium/glucose cotransporter), member 1 [Source:ZFIN:Acc:ZDB-GENE-040426-1524]	4.583050974	0.727344382	-3.273244705	0.582946995
ENSORLG000000002126	avpr1ab	arginine vasopressin receptor 1A [Source:ZFIN:Acc:ZDB-GENE-041210-105]	3.46931979	2.022523152	0.005908503	1.45318977
ENSORLG000000012908	-	-	3.590215623	0.859306665	-0.879756595	1.85167594
ENSORLG000000002823	sema6dl	sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6D, like [Source:ZFIN:Acc:ZDB-GENE-050417-171]	5.96179762	3.322936141	-0.393006076	2.246344034
ENSORLG000000007290	-	-	5.22090146	2.127262349	-1.365261975	1.730050848
ENSORLG000000004201	-	-	3.32797672	1.571421417	-0.258601925	1.498439236
ENSORLG000000006036	rbck1	RanBP type and C3H1-type zinc finger containing 1 [Source:ZFIN:Acc:ZDB-GENE-040704-3]	4.197146584	0.34072109	-1.89450836	1.962401815
ENSORLG000000015390	dgkaa	diacylglycerol kinase, alpha [Source:ZFIN:Acc:ZDB-GENE-060516-305]	3.461069611	0.933222519	-0.210760979	2.317570499
ENSORLG00000002237	slc17a5	solute carrier family 17 (acidic sugar transporter), member 5 [Source:ZFIN:Acc:ZDB-GENE-060929-1158]	3.479668883	-0.10217234	-1.94867904	1.633646834
ENSORLG000000011584	-	-	2.005031314	2.216285641	-2.501198277	-0.7119687377
ENSORLG000000016851	-	-	5.852979446	1.322502909	-2.47118626	2.060794161
ENSORLG000000021761	-	-	4.195025131	0.923515803	-1.039518184	2.232476138
ENSORLG000000006029	ndst3	N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 3 [Source:ZFIN:Acc:ZDB-GENE-090312-199]	3.65271495	0.913276734	-3.435435922	-0.695514752
ENSORLG000000015572	gpr17	G protein-coupled receptor 17 [Source:ZFIN:Acc:ZDB-GENE-100922-133]	16.59203782	0	-2.272401505	14.32012783
ENSORLG000000014029	-	-	4.321548507	2.317590869	-2.812124073	-0.807681339
ENSORLG000000005970	-	-	5.319592106	1.746020315	-2.828558977	0.718610041
ENSORLG000000008925	-	-	4.334251228	1.792683591	0.061187124	2.62342037
ENSORLG000000010727	thbs2a	thrombospondin 2a [Source:ZFIN:Acc:ZDB-GENE-020708-2]	3.767736679	1.635743874	-0.684761584	1.447715851
ENSORLG000000010452	-	-	3.992530292	0.556669714	-1.132678727	2.30367771
ENSORLG000000017073	csf44	C-C motif chemokine 17 [Source:NCBI gene:Acc:101161792]	4.138063686	1.813780212	-2.335508455	-0.010740179
ENSORLG000000013510	mamdc2b	MAM domain containing 2b [Source:ZFIN:Acc:ZDB-GENE-091117-16]	3.166265468	0.749188828	-1.70223465	0.697337949
ENSORLG000000004967	heph1b	hephaestin-like 1b [Source:ZFIN:Acc:ZDB-GENE-091204-388]	4.673776792	2.460052588	-1.114144796	1.10063997
ENSORLG000000002567	id4	DNA-binding protein inhibitor ID-4 [Source:NCBI gene:Acc:101162314]	5.83376248	0.63356815	-2.901870394	2.299020297
ENSORLG000000014514	esr1	estrogen receptor 1 [Source:ZFIN:Acc:ZDB-GENE-020806-5]	4.652918792	2.641021093	-1.223747966	0.788634749
ENSORLG000000006967	-	-	7.644735293	2.694762566	-5.358201522	-0.405743891
ENSORLG000000016741	msx1a	neuronal vesicle trafficking associated 1 [Source:NCBI gene:Acc:101168617]	3.489663825	0.013582346	-0.973689611	2.502876168
ENSORLG000000015380	-	-	6.69709068	1.897526888	-5.155899255	-0.375845401
ENSORLG000000015799	-	-	3.558886062	1.15798625	-0.962057979	1.433282553
ENSORLG000000003410	zpc-91968	melanoregulin [Source:NCBI gene:Acc:101159745]	5.222695671	0.872814244	-1.452051048	2.898317798
ENSORLG000000007003	pkc2	polycystic kidney disease 2 [Source:ZFIN:Acc:ZDB-GENE-040827-4]	3.250241013	1.664765625	0.240824503	1.82678476
ENSORLG000000013610	-	-	15.68064055	0	-15.68063533	0
ENSORLG000000009458	pk3cg	phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit gamma [Source:ZFIN:Acc:ZDB-GENE-040426-2532]	3.582887285	1.804942619	-0.601072163	1.177356868
ENSORLG000000000187	ocad2	OCA domain containing 2 [Source:NCBI gene:Acc:101175427]	16.01092666	12.33060041	-0.91287095	2.767955512
ENSORLG000000000802	enpp2	ectonucleotide pyrophosphatase/phosphodiesterase 2 [Source:ZFIN:Acc:ZDB-GENE-040426-1156]	4.765256771	2.88439528	-2.260004061	-0.378651988
ENSORLG000000011266	stard10	STAR-related lipid transfer (STAR) domain containing 10 [Source:ZFIN:Acc:ZDB-GENE-040426-1797]	4.051138477	2.281159588	-0.672095029	1.098368467
ENSORLG000000015653	slc21l1-210b	slc21l1-210b2 3 [Source:ZFIN:Acc:ZDB-GENE-131122-13]	3.418519965	1.669339712	0.048265307	1.797927538
ENSORLG000000012089	gsmr1	peptidase domain containing associated with muscle regeneration 1 [Source:ZFIN:Acc:ZDB-GENE-100422-12]	3.492300294	2.326462147	1.446848529	2.613171486
ENSORLG000000014312	serpin1b	serpin family H member 1 [Source:NCBI gene:Acc:100529194]	4.060017288	2.164640836	-1.121091808	0.774769604
ENSORLG000000013930	mafbb	v-maf avian musculoaponeurotic fibrosarcoma oncogene homolog Bb [Source:ZFIN:Acc:ZDB-GENE-010605-4]	4.685064799	1.832261703	-3.009594729	-0.156308813
ENSORLG000000006650	capn12	cataalin 12 [Source:ZFIN:Acc:ZDB-GENE-050419-245]	4.238135563	-2.860135415	-2.0894864	5.068628732
ENSORLG000000018002	-	-	3.884881172	1.8714938	-0.571168856	1.442503435
ENSORLG000000011630	-	-	7.595785497	3.261600213	-4.032128454	0.302538288
ENSORLG000000011416	-	-	3.580596175	1.13543843	-0.612054714	1.833587518
ENSORLG000000010547	prf5a	proline rich 5a (renal) [Source:ZFIN:Acc:ZDB-GENE-130530-791]	3.453216671	1.305657222	-1.398798006	0.749254205
ENSORLG000000015985	-	-	6.302628336	0.004749658	-3.478952543	2.819411164
ENSORLG000000012688	star	matrix metalloproteinase, astacin regulatory protein (star), mRNA [Source:RefSeq]	3.65111295	1.74442958	1.02571961	2.932877806
ENSORLG000000013340	-	-	15.94710519	14.37756709	-1.571919999	-0.181914105
ENSORLG000000006594	mmp25b	matrix metalloproteinase 25b [Source:ZFIN:Acc:ZDB-GENE-100308-4]	5.605990908	2.94362532	-3.061523891	-0.398665812
ENSORLG000000004996	hoxa4a	homeobox protein Hox-A3a [Source:NCBI gene:Acc:100301584]	6.232963216	2.113529381	-2.657587375	1.462331794
ENSORLG000000017889	-	-	3.634420072	0.732681778	-2.322961604	0.579261286



ENSORL0000000586	-	-	4.309168752	-2.277067932	-4.40746576	2.179260585
ENSORL000000016155	adam28	ADAM metalloproteinase domain 28 [Source:ZFIN;Acc:ZDB-GENE-060929-532]	4.326649357	0.412013754	-1.904752343	2.010369402
ENSORL00000002089	cow6a2	cytochrome c oxidase subunit Via polypeptide 2 [Source:ZFIN;Acc:ZDB-GENE-040912-129]	6.909030232	1.335213996	-2.938474973	2.63582624
ENSORL000000013898	SLC6A18	solute carrier family 6 member 18 [Source:HGNC Symbol;Acc:HGNC:26441]	4.637168667	-1.029798099	-3.203851772	2.463599986
ENSORL00000001423	foxa3	forkhead box A3 [Source:ZFIN;Acc:ZDB-GENE-980526-423]	6.403827935	0.270875174	-3.244336603	2.889100965
ENSORL000000005991	TNNI2 (1 of m	troponin 12, fast skeletal type [Source:HGNC Symbol;Acc:HGNC:11946]	4.129144418	-1.817249628	-5.77026182	0.176617996
ENSORL00000004530	ezr66	ezrin domain-4 [Source:NCBI gene;Acc:101174176]	3.751365226	0.382081953	-1.662058964	1.707708347
ENSORL000000016196	zfp174917	zfp174917 [Source:ZFIN;Acc:ZDB-GENE-070929-421]	4.017435291	0.985142062	-1.951425707	1.080752979
ENSORL00000004948	-	-	4.87513674	1.775597372	-0.805088959	2.29494741
ENSORL000000010789	RAB38 (1 of m	RAB38, member RAS oncogene family [Source:HGNC Symbol;Acc:HGNC:93776]	4.002897588	2.395538936	-0.194372886	1.41347076
ENSORL000000004510	-	-	4.399618036	2.294034776	-2.838591641	-0.732523417
ENSORL000000009691	-	-	3.906404772	1.841301891	0.876321123	2.941910226
ENSORL000000016702	-	-	3.821687481	2.113904882	-1.4911449	0.217423638
ENSORL000000015308	dcn	decorin [Source:ZFIN;Acc:ZDB-GENE-010102-1]	3.485832723	2.154722688	-2.218205918	-0.886610732
ENSORL000000012111	ipar1	lysophosphatidic acid receptor 1 [Source:ZFIN;Acc:ZDB-GENE-030616-499]	3.889302836	3.062559088	0.621639482	1.448867965
ENSORL000000009682	-	-	3.73069374	0.337465335	-2.315918817	1.077715001
ENSORL0000000014763	fam234b	family with sequence similarity 234, member B [Source:ZFIN;Acc:ZDB-GENE-030131-2308]	3.057536058	-0.42584915	-1.604128503	1.879741185
ENSORL000000002921	nuak1b	NUAK family, SHP1-like kinases, 1b [Source:ZFIN;Acc:ZDB-GENE-131120-18]	3.652289862	1.953206087	-1.600884323	0.09968414
ENSORL000000005029	-	-	3.45092005	-0.255570422	-3.600648605	0.106327249
ENSORL000000008729	cavin2a	caveolin associated protein 2a [Source:ZFIN;Acc:ZDB-GENE-090313-215]	4.560456192	1.466932817	-1.812231445	1.281776691
ENSORL000000010906	p2ry6	P2Y receptor family member 8 [Source:ZFIN;Acc:ZDB-GENE-070912-447]	3.113647166	2.739715324	-0.87893418	-0.504517897
ENSORL000000008593	-	-	5.442428514	2.578081239	-0.072324824	2.792506618
ENSORL000000005037	hoxa11a	homeobox A11a [Source:ZFIN;Acc:ZDB-GENE-000823-8]	4.286082436	0.565869286	-2.014815335	1.705883945
ENSORL000000013091	hhk	ketohexokinase [Source:ZFIN;Acc:ZDB-GENE-040718-381]	3.938689122	0.790841176	-2.176357017	0.971976036
ENSORL000000014348	cavin1b	caveolin associated protein 1b [Source:ZFIN;Acc:ZDB-GENE-030131-3509]	3.807123514	2.301332484	-2.061674781	-0.55539886
ENSORL000000006233	si.ch211-5941	-	4.137092181	1.309548884	-1.087909628	1.740072595
ENSORL000000011214	-	-	5.319771716	1.096037176	-2.743801958	1.480417643
ENSORL000000001073	crocc2	ciliary rootlet coiled-coil, rootletin family member 2 [Source:ZFIN;Acc:ZDB-GENE-131121-625]	4.268812318	2.079376421	-0.409913497	1.780006586
ENSORL000000004725	cep170aa	centrosomal protein 170Aa [Source:ZFIN;Acc:ZDB-GENE-090312-109]	4.332121715	1.961293035	0.042636389	2.413955175
ENSORL000000013417	barx2	BARX homeobox 2 [Source:NCBI gene;Acc:101170038]	4.197363354	0.209473582	-2.874967339	1.113407152
ENSORL000000012953	hey1	hes-related family D/HLH transcription factor with YRPW motif 1 [Source:ZFIN;Acc:ZDB-GENE-000607-70]	3.674829417	0.899755352	-1.459956348	1.315602918
ENSORL000000003950	acs2l	acyl-Coenzyme A synthetase, cytosolic [Source:NCBI gene;Acc:101172107]	4.354873312	2.179497385	-1.749239792	0.4266223
ENSORL0000000004942	lhx1	ligand of numb-protein X 1 [Source:ZFIN;Acc:ZDB-GENE-030131-3439]	4.722549965	1.539012818	-2.709756929	0.474266182
ENSORL000000018012	esr2b	estrogen receptor 2b [Source:ZFIN;Acc:ZDB-GENE-030116-1]	4.098141509	1.040629626	-1.580189243	1.477807952
ENSORL000000002405	dmgdh	dimethylglycine dehydrogenase [Source:ZFIN;Acc:ZDB-GENE-080227-8]	5.881233165	1.630571592	-2.289529025	1.961617417
ENSORL000000015247	cdk19	cyclin-dependent kinase 19 [Source:ZFIN;Acc:ZDB-GENE-040724-19]	3.233721331	1.397791558	-0.00284796	1.828130688
ENSORL000000006617	si.ch211-1139c	si.ch211-1139c	5.136177903	0.633249591	-0.861719003	3.641691165
ENSORL000000002925	-	-	4.826570728	2.878996167	-0.763700710	1.221455889
ENSORL000000010397	-	-	3.841148664	1.958010183	-2.051122284	2.198200113
ENSORL000000015009	eeef2b	eukaryotic translation elongation factor 2 [Source:NCBI gene;Acc:101162480]	4.492864998	1.625884119	-0.725144813	1.242322136
ENSORL000000017943	folistatin like 1	folistatin like 1 [Source:NCBI gene;Acc:101174309]	3.715301335	2.652884379	-1.475159707	-0.412257829
ENSORL000000006861	BLNK	B cell linker [Source:HGNC Symbol;Acc:HGNC:14711]	4.600491027	2.736465198	-1.699338585	0.165091605
ENSORL000000004528	-	-	3.603842823	2.142328336	-0.439067559	1.02940308
ENSORL000000016565	qrfb3	transforming growth factor, beta 3 [Source:ZFIN;Acc:ZDB-GENE-030723-4]	4.094384778	1.668106848	-1.030927407	1.3958355
ENSORL000000007122	CNTNAP2	contactin associated protein like 2 [Source:HGNC Symbol;Acc:HGNC:13830]	3.25041849	-14.21672616	-4.015360896	13.45228629
ENSORL000000009579	-	-	3.996897485	1.539754827	-0.68664605	1.771581188
ENSORL0000000003181	noxo1b	NADPH oxidase organizer 1b [Source:ZFIN;Acc:ZDB-GENE-101203-1]	3.824105494	-0.20909344	-2.32366483	1.709818077
ENSORL0000000015062	-	-	3.363912845	2.230002853	-1.255957751	-0.121562808
ENSORL0000000005251	grem2a	gremlin 2, DAN family BMP antagonist a [Source:ZFIN;Acc:ZDB-GENE-131127-498]	4.41417143	-1.305756364	-0.374899691	5.346925191
ENSORL000000006031	gna3	guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 3 [Source:ZFIN;Acc:ZDB-GENE-070713-6]	6.286126642	4.75032571	0.78405466	2.320794484
ENSORL000000002212	-	-	4.158062896	0.473876365	-1.540947071	2.144773818
ENSORL000000014037	si.ch73-334d1	si.ch73-334d1 [Source:ZFIN;Acc:ZDB-GENE-091118-35]	5.349465216	2.551166449	-2.908106305	-0.109322375
ENSORL000000012678	GPR137B (1 of	G protein-coupled receptor 137B [Source:HGNC Symbol;Acc:HGNC:11862]	3.666496197	1.385183589	-2.254392742	0.027405024
ENSORL000000010799	-	-	3.151397055	0.11578039	-0.100152239	2.93951601
ENSORL000000015549	bin2a	bridging integrator 2a [Source:ZFIN;Acc:ZDB-GENE-041114-126]	5.461214458	1.105150771	-1.83971307	2.51677873
ENSORL0000000101131	ifitb	interferon regulatory factor 1 [Source:NCBI gene;Acc:101163420]	4.282340898	1.920439338	-0.607485749	1.754900642
ENSORL0000000010505	ms2a	mesin 2a [Source:ZFIN;Acc:ZDB-GENE-090312-163]	4.037578248	1.982364128	-2.128712488	0.527000533
ENSORL0000000010591	ckmb	creatine kinase M-type [Source:NCBI gene;Acc:101163677]	6.371220288	0.425411097	-0.656421662	-0.110129021
ENSORL000000012193	h2p21	H. h2p21 [Source:ZFIN;Acc:ZDB-GENE-080104-3]	5.458998187	2.156818738	-2.472581878	0.830138169
ENSORL000000010150	galactn3	galactin-5 [Source:NCBI gene;Acc:101159056]	5.20745305	1.278895204	-1.396315212	2.53277681
ENSORL000000015554	si.ch73-194h1	si.ch73-194h1 [Source:ZFIN;Acc:ZDB-GENE-100921-21]	4.482579946	-0.70249007	-2.726760978	2.458752238
ENSORL000000017515	run3	run1-related transcription factor 3 [Source:ZFIN;Acc:ZDB-GENE-000605-2]	5.618973655	1.525673375	-3.35534071	0.738443549
ENSORL000000003147	-	-	3.559512614	0.541956992	-0.077095519	2.940844593
ENSORL000000014612	hst11b	extended synaptotagmin-like protein 1b [Source:ZFIN;Acc:ZDB-GENE-040724-209]	3.912731528	1.894463529	0.456184915	2.474938166
ENSORL000000002994	mc2r	melanin 2 [Source:ZFIN;Acc:ZDB-GENE-090220-1]	4.509248402	1.22432178	-0.503557608	2.781851683
ENSORL000000013440	prnc1b	paired related homeobox 1 [Source:NCBI gene;Acc:101166213]	4.504800212	-0.5522155	-2.751966377	2.305344644
ENSORL000000013521	-	-	5.243751593	1.573653914	-0.911488581	2.75087098
ENSORL000000013408	psme2	proteasome activator subunit 2 [Source:NCBI gene;Acc:101173098]	3.197932359	0.955875352	-0.201855335	2.040686529
ENSORL000000010892	lsta	folistatin a [Source:ZFIN;Acc:ZDB-GENE-990714-11]	4.934460661	2.076347304	-1.860083159	0.998516506
ENSORL000000007450	arx	Cy28c brainless aristaless related homeobox (arx), mRNA [Source:RefSeq; mRNA;Acc:NM_001122913]	3.134725199	1.993420166	-1.916728399	-0.77498186
ENSORL000000013739	-	-	3.256801155	0.238627563	-2.221222574	0.797536156
ENSORL000000013822	si.ch211-225h	si.ch211-225h [Source:ZFIN;Acc:ZDB-GENE-030131-1981]	3.258319154	1.684133074	0.02018535	1.594836222
ENSORL000000004146	-	-	6.011650957	-0.451538831	-5.697302602	0.766372093

ENSORLG0000000257	slc4a1a	solute carrier family 4 (anion exchanger), member 1a (Diego blood group) [Source:ZFIN;Acc:ZDB-GENE-010525-1]	5.024556219	-1.610585595	-4.617222042	2.018405838
ENSORLG00000013949	PTPNC1	phosphatidylinositol transfer protein cytoplasmic 1 [Source:HGNC Symbol;Acc:HGNC:21045]	5.173751762	2.790767172	-1.21001089	1.173457086
ENSORLG00000008095	aps8b1b	aps8b1b [Source:ZFIN;Acc:ZDB-GENE-050506-143]	3.358438302	-1.111292019	-1.870767043	2.58744543
ENSORLG00000003115	phospho1a	phosphatase, orphan 1 [Source:ZFIN;Acc:ZDB-GENE-040801-198]	6.953604677	2.685135902	-5.001234682	-0.732281836
ENSORLG00000011891	-	-	3.140516747	1.404616474	-0.406651728	1.495739688
ENSORLG00000000252	-	-	5.247543991	1.645855151	-2.27302165	3.74871654
ENSORLG00000004040	-	-	4.245777377	-0.82116448	-4.599658687	0.467767901
ENSORLG00000002977	mk2a	MK2/myocardin-like 2a [Source:ZFIN;Acc:ZDB-GENE-135331-36]	3.421997524	0.579613337	-1.365118753	1.477750475
ENSORLG00000000531	sl00a10b	protein sl00a10 [Source:NCBI gene;Acc:101155699]	5.901841074	1.73534751	-2.525914254	1.641064156
ENSORLG00000010277	crabp2a	cellular retinoic acid binding protein 2, a [Source:ZFIN;Acc:ZDB-GENE-030320-4]	3.295020498	2.053887887	-1.317520881	-0.075903096
ENSORLG00000012969	nt5c2b	5'-nucleotidase, cytosolic 1b [Source:ZFIN;Acc:ZDB-GENE-061013-522]	4.477122359	1.499895086	-0.857568079	2.120144098
ENSORLG00000017666	ara2	aromatase [Source:ZFIN;Acc:ZDB-GENE-141216-238]	5.583421324	1.431049874	-3.97470688	0.188148878
ENSORLG00000013861	snai1a	snail family zinc finger 1a [Source:ZFIN;Acc:ZDB-GENE-990415-255]	5.193969887	3.040282133	-2.467530986	-0.31335818
ENSORLG00000013801	gprc5c	G protein-coupled receptor, class C, group 5, member C [Source:ZFIN;Acc:ZDB-GENE-070929-27]	6.303697649	0.280613501	-3.513205747	2.510361839
ENSORLG00000008111	slc46a1	solute carrier family 46 member 1 [Source:NCBI gene;Acc:101170694]	4.501814614	-0.176228759	-0.807631685	3.870896797
ENSORLG00000011179	zch6	zinc finger CCH-type containing 6 [Source:ZFIN;Acc:ZDB-GENE-120727-18]	3.436620712	1.039356745	-0.147336639	2.250411654
ENSORLG00000014679	myct1a	myc target 1a [Source:ZFIN;Acc:ZDB-GENE-041001-]	3.22242056	0.83731284	-1.09661841	1.2886887177
ENSORLG00000008674	clornf9	Cl3 and TNF-related 9 [Source:ZFIN;Acc:ZDB-GENE-080303-33]	1.705716297	-	-17.05715778	0
ENSORLG00000015708	slc10e2	complement C1q-like protein 4 [Source:NCBI gene;Acc:101185854]	5.73357242	2.523182233	-3.942179483	-0.731301938
ENSORLG00000002966	f8	coagulation factor VIII, procoagulant component [Source:ZFIN;Acc:ZDB-GENE-090629-2]	3.594806492	1.554058612	-0.004908389	2.036233909
ENSORLG00000010362	nrarpa	NOTCH regulated ankyrin repeat protein [Source:NCBI gene;Acc:11344263]	3.301281354	1.188567687	-0.571766914	1.541411094
ENSORLG00000008010	-	-	17.3258941	10.40590729	-5.582361985	1.33806095
ENSORLG00000003765	rorca	RAR-related orphan receptor C a [Source:ZFIN;Acc:ZDB-GENE-990415-250]	4.192207555	0.844314263	-2.152810866	1.195565299
ENSORLG00000012328	slc10e2	slc10e2-4e7.3 [Source:ZFIN;Acc:ZDB-GENE-070912-542]	4.062640886	1.387250951	-0.271651355	2.404223674
ENSORLG00000010231	G0S2	G0S2 switch 2 [Source:NCBI gene;Acc:101156888]	5.463242254	-0.523011966	-5.501655431	0.485083973
ENSORLG00000009983	slc15a2	solute carrier family 15 (oligosaccharide transporter), member 2 [Source:ZFIN;Acc:ZDB-GENE-030131-5866]	5.057322225	1.274697482	-3.374659158	0.408450788
ENSORLG00000008502	RARB	retinoic acid receptor beta [Source:HGNC Symbol;Acc:HGNC:5865]	4.939312346	3.000879595	-2.866926637	-0.929688593
ENSORLG00000017312	coll12a1a	collagen, type XII, alpha 1a [Source:ZFIN;Acc:ZDB-GENE-090728-1]	3.071353457	1.98188703	-2.997626513	-1.907675031
ENSORLG00000012894	apbb3	amyloid beta (A4) precursor protein-binding, family B, member 3 [Source:ZFIN;Acc:ZDB-GENE-140106-53]	3.256804997	1.675017188	-1.08050548	0.501727283
ENSORLG00000007430	tmem204	transmembrane protein 204 [Source:NCBI gene;Acc:101162065]	4.426007512	1.854343096	-2.39647291	0.175676264
ENSORLG00000017556	zfp113337	zfp113337 [Source:ZFIN;Acc:ZDB-GENE-050306-20]	7.502366103	3.750551067	-2.104094545	1.748219999
ENSORLG00000017667	gata6	GATA binding protein 6 [Source:NCBI gene;Acc:101159296]	3.572710785	1.793673515	-0.950929286	0.82852911
ENSORLG00000015230	slc10e2	slc10e2-159a18.1 [Source:ZFIN;Acc:ZDB-GENE-041210-204]	5.922953339	2.014676145	-0.248656867	3.660104587
ENSORLG00000000689	HKI (1 of many)	hexokinase 1 [Source:NCBI gene;Acc:101157031]	3.82173896	2.45849502	-1.143788272	0.222581829
ENSORLG00000011031	-	-	5.297885953	2.21792509	-2.370514258	1.288935671
ENSORLG00000009269	abcd4	ATP-binding cassette, sub-family B (MDR/TAP), member 4 [Source:ZFIN;Acc:ZDB-GENE-080204-50]	3.681476511	-0.884908069	-2.913708245	1.652333857
ENSORLG00000009051	oxcl12a	oligosaccharide core 1-derived factor 1 [Source:ZFIN;Acc:ZDB-GENE-030318-]	4.416944113	1.957916649	-2.95954791	-0.500035509
ENSORLG00000010189	cdgflr1	platelet derived growth factor receptor like [Source:NCBI gene;Acc:101165739]	5.579981562	-1.295697799	-5.173881386	1.70229317
ENSORLG00000003554	hntp1b	hormon binding protein 1b [Source:ZFIN;Acc:ZDB-GENE-091117-61]	3.382267829	1.442548161	0.659065786	2.599270279
ENSORLG00000004253	-	-	6.846993847	1.022954516	-5.84048149	-0.015961426
ENSORLG00000017187	-	-	4.771748489	-12.47916891	-5.769103159	11.48232395
ENSORLG00000010042	agtr1b	angiotensin II receptor, type 1b [Source:ZFIN;Acc:ZDB-GENE-110411-117]	3.756930834	0.816916552	-1.334835165	1.605666065
ENSORLG00000000773	slc10e2	slc10e2-23414.3 [Source:ZFIN;Acc:ZDB-GENE-131121-422]	16.68214544	13.58744235	-0.179295701	2.915874164
ENSORLG00000016860	slc10e2	slc10e2-251b [Source:NCBI gene;Acc:101161898]	4.435400224	1.8054466	-2.685170002	-0.054731382
ENSORLG00000000660	brsk2b	BR serine/threonine kinase 2b [Source:ZFIN;Acc:ZDB-GENE-100422-3]	4.990533541	1.046711888	-1.392731658	2.551576918
ENSORLG00000006436	-	-	3.188918896	0.762301594	-2.801719719	-0.394618029
ENSORLG00000007024	-	-	3.827123773	0.572426506	-1.3724814	1.885698848
ENSORLG00000011866	cerk	ceramide kinase [Source:ZFIN;Acc:ZDB-GENE-041210-210]	4.805589893	1.53438212	-0.464387364	2.807305373
ENSORLG00000001411	-	-	3.075692745	-0.467022515	-2.176488644	1.416731224
ENSORLG00000010169	runx2b	runx-related transcription factor 2b [Source:ZFIN;Acc:ZDB-GENE-040629-4]	6.088456442	2.263313281	-1.558298862	2.267337601
ENSORLG00000016832	-	-	4.681775423	2.455211748	0.235868253	2.462916678
ENSORLG00000004731	-	-	15.89803495	9.994692855	-5.581066636	3.22739529
ENSORLG00000000391	zfp138461	zfp138461 [Source:NCBI gene;Acc:101161898]	7.267886421	1.455982041	-6.70146617	-0.888038864
ENSORLG00000004610	zfp330a	cyclic AMP-responsive element-binding protein 3-like protein 3-A [Source:NCBI gene;Acc:101171479]	5.499380209	1.824464451	-1.479175471	2.196228957
ENSORLG00000011102	-	-	4.848298521	2.100451193	-0.991884744	1.754447055
ENSORLG00000006725	-	-	3.224772899	0.173797967	-2.626302063	0.425157228
ENSORLG00000016341	-	-	3.034207641	0.337703999	-0.704757396	1.992235962
ENSORLG00000006891	-	-	3.984935857	0.844703585	-1.55484795	1.55484795
ENSORLG00000005362	-	-	3.95269544	2.775203198	-0.358067317	0.827484433
ENSORLG00000004515	-	-	4.831097364	1.425215112	-0.476203093	2.830146081
ENSORLG00000012369	-	-	3.835289694	2.242823701	-1.273388951	0.373889551
ENSORLG00000009734	plek2	plekstrin 2 [Source:ZFIN;Acc:ZDB-GENE-080219-2]	5.475782685	1.61351398	-2.150718099	1.712031276
ENSORLG00000006646	psmt8a	proteasome subunit beta 8a [Source:ZFIN;Acc:ZDB-GENE-990415-140]	5.275748857	2.01778881	-1.469128831	1.789316341
ENSORLG00000000918	efl1	E74-like E12 transcription factor 1 [Source:ZFIN;Acc:ZDB-GENE-980526-335]	3.762036728	0.588745586	-2.935620538	0.238156135
ENSORLG00000005755	rspo3	Oryzias latipes R-scordin 3 (rspo3), mRNA [Source:RefSeq mRNA;Acc:NM_00129248]	5.94472652	0.765571189	-2.686708295	2.492390307
ENSORLG00000016855	SKI	SKI proto-oncogene [Source:HGNC Symbol;Acc:HGNC:10896]	4.741702179	1.761105162	-2.605393482	0.375687946
ENSORLG00000006683	gpm1b	G protein signaling modulator 1b [Source:ZFIN;Acc:ZDB-GENE-1110203-5]	3.343503217	1.524679768	0.846919044	2.66622704
ENSORLG00000011745	rfl0	interferon regulatory factor 10 [Source:ZFIN;Acc:ZDB-GENE-040426-2084]	4.79451194	1.696512976	-1.545584877	1.552898416
ENSORLG00000002861	-	-	4.593195724	0.948319352	-4.543617479	-0.899256571
ENSORLG00000000238	-	-	5.079468459	0.158824428	-2.703811055	2.217318856
ENSORLG00000012812	-	-	3.267478224	2.020316272	-0.226395234	1.02125155
ENSORLG00000009338	slc2h211-161h	uncharacterized LOC101165601 [Source:NCBI gene;Acc:101165601]	4.579047917	1.200274393	-0.465883123	2.913427116
ENSORLG00000000349	slc2h211-762h	uncharacterized LOC101172412 [Source:NCBI gene;Acc:101172412]	5.300496198	0.401587774	-3.416653362	1.482738568

ENSORLG00000005490	KLF5	Kruppel like factor 5 [Source:HGNC Symbol;Acc:HGNC:6349]	4.739686663	0.97211995	-2.22486963	1.543194199
ENSORLG00000008664	ZNF503 (1 of 2)	zinc finger protein 503 [Source:NCBI gene;Acc:101155151]	4.391903561	1.271804088	-2.528719757	0.591863384
ENSORLG00000007251	twtst1	Oryzias latipes twist family bHLH transcription factor 1 (twist1, mRNA, [Source:RefSeq mRNA;Acc:NM_001104707])	5.349524748	0.37404307	-2.672716532	2.303250607
ENSORLG000000015327	pip5k1ca	phosphatidylinositol-4-phosphate 5-kinase, type 1 gamma 4 [Source:ZFIN;Acc:ZDB-GENE-050208-388]	4.617531578	2.356365741	0.447068071	2.708717143
ENSORLG000000011369	sparc	secreted protein acidic and cysteine rich [Source:NCBI gene;Acc:100049536]	4.578540522	2.659840421	-0.827896143	1.09129898
ENSORLG000000017784	placr1	PI-ACB, like 1 [Source:ZFIN;Acc:ZDB-GENE-091204-165]	3.064207778	-0.542527987	-1.177751907	1.828014201
ENSORLG00000001590	placr1	PI-ACB, like 1 [Source:ZFIN;Acc:ZDB-GENE-091204-165]	5.244071442	0.65499618	-2.083193107	2.526403074
ENSORLG00000001285	uroc1	urocanate hydratase 1 [Source:NCBI gene;Acc:101174658]	7.582490988	3.186387252	-1.614484687	2.782124701
ENSORLG000000011278	-	-	3.514323938	1.260681224	0.472744218	2.728870975
ENSORLG000000017340	sidkey-121j17	sidkey-121j17.5 [Source:ZFIN;Acc:ZDB-GENE-030131-4745]	3.254402234	-0.366908066	-1.008932919	2.612861276
ENSORLG000000013335	RF9	interferon regulatory factor 9 [Source:HGNC Symbol;Acc:HGNC:61311]	4.062769782	1.163002195	-1.669244948	1.231007208
ENSORLG00000001780	sox2	SOX3 protein [Source:NCBI gene;Acc:1000493268]	5.234865826	0.754818193	-1.787379463	2.693189614
ENSORLG000000005823	-	complement factor properdin [Source:NCBI gene;Acc:101154973]	3.565965848	2.310200627	-2.521177729	-1.264927499
ENSORLG000000010261	-	-	3.906016995	2.447579044	-0.092731977	1.366191783
ENSORLG000000017415	matk	megakaryocyte-associated tyrosine kinase [Source:ZFIN;Acc:ZDB-GENE-070705-183]	3.632150066	1.24723067	-1.769519762	0.615898974
ENSORLG000000009298	elk3 (1 of many)	ELK3, ETS-domain protein [Source:ZFIN;Acc:ZDB-GENE-030716-2]	5.193897557	1.226375057	-1.997980925	1.970024763
ENSORLG000000007167	brd2	bromodomain-related gene family, member 2 [Source:ZFIN;Acc:ZDB-GENE-060825-228]	3.775009111	-2.486128329	-1.444659725	4.816959833
ENSORLG000000002183	mbnl3	muscleblind-like splicing regulator 3 [Source:ZFIN;Acc:ZDB-GENE-081002-3]	4.321189872	1.178186321	-0.219588168	2.923950296
ENSORLG000000000410	shp2	calcium- and phosphoinositide 3-kinase-dependent protein 2 [Source:ZFIN;Acc:ZDB-GENE-030131-5810]	6.657802245	2.015251353	-3.619323988	1.03401007
ENSORLG000000016232	-	-	18.59602758	13.59643787	-1.186133429	1.787723788
ENSORLG000000002876	-	claudin 5 [Source:NCBI gene;Acc:101173553]	4.72163541	1.842338364	-3.355748833	2.07032411
ENSORLG000000002819	-	-	4.041288356	-0.129182608	-2.410665004	1.760392624
ENSORLG000000012806	orb-62m	b2 microglobulin [Source:NCBI gene;Acc:100049185]	5.728197733	1.740978843	-2.121743518	1.86659394
ENSORLG000000002927	-	-	3.92725318	-0.9344375	-1.95019819	3.76349012
ENSORLG000000006556	korc1	vitamin K epoxide reductase complex, subunit 1 [Source:ZFIN;Acc:ZDB-GENE-030131-2886]	3.014390309	1.295903831	-0.068941897	1.650029462
ENSORLG000000014973	htra1b	HtrA serine peptidase 1 [Source:NCBI gene;Acc:101160199]	3.046161904	-0.318602883	-2.188626527	1.176623381
ENSORLG000000009151	-	-	3.403306831	0.452807012	-0.655442315	2.295542588
ENSORLG000000018161	qor132b	G protein-coupled receptor 132b [Source:ZFIN;Acc:ZDB-GENE-040724-83]	3.86122824	-1.574739083	-1.081115696	3.880229519
ENSORLG000000014919	-	-	4.277547335	3.613655117	-0.52120362	0.143170419
ENSORLG000000011273	col1a1b	collagen, type I, alpha 1b [Source:ZFIN;Acc:ZDB-GENE-030131-4400]	5.261473093	2.067714767	-4.033065645	-0.840822291
ENSORLG000000015981	myf1	myosin light chain 1, skeletal muscle isoform [Source:NCBI gene;Acc:101167500]	3.741705665	0.234810104	-0.641508833	-2.53412596
ENSORLG000000012809	-	-	3.004525253	2.27151341	-0.634767113	0.148771966
ENSORLG000000012247	-	-	3.897895921	1.294431062	-1.297318769	1.306584607
ENSORLG000000004735	lmo2	LIM domain only 2 (rhombotin-like 1) [Source:ZFIN;Acc:ZDB-GENE-980526-419]	6.360719907	1.6588261	-2.611094617	2.09128562
ENSORLG000000005705	-	-	4.036248302	1.850103807	-1.907489422	0.279139881
ENSORLG0000000021759	-	-	4.511827187	1.170090733	-1.119041108	2.223179001
ENSORLG000000018031	cci25a	C-C motif chemokine 20 [Source:NCBI gene;Acc:101171112]	6.133030914	0.121987856	-3.097421901	2.914384299
ENSORLG000000012671	-	-	4.333612814	2.933506588	-2.091568536	-0.690977701
ENSORLG000000017352	qsox1	quiescent Q6 sulfhydryl oxidase 1 [Source:ZFIN;Acc:ZDB-GENE-030131-7018]	16.14661044	14.21062341	-3.261693401	-0.425239222
ENSORLG000000016549	mob3c	MOB kinase activator 3C [Source:ZFIN;Acc:ZDB-GENE-040704-32]	3.895399488	3.055027698	0.61370594	1.454561428
ENSORLG000000005216	scad8	scp1-CoA dehydrogenase family member 8 [Source:NCBI gene;Acc:101188062]	3.81868258	1.17720354	-0.721058737	1.920905778
ENSORLG000000009017	-	beta-crystallin B3-like [Source:NCBI gene;Acc:10111323]	6.794531982	0.552418671	-5.764708255	0.47789539
ENSORLG000000004090	cdk6	cyclin dependent kinase 6 [Source:NCBI gene;Acc:101168879]	4.298889946	1.814508873	-0.765262986	1.719701891
ENSORLG000000010944	ctnnd1	catenin (cadherin-associated protein), delta 1 [Source:ZFIN;Acc:ZDB-GENE-110208-9]	4.771913785	0.406361697	-1.64118629	2.724850316
ENSORLG000000013127	meis2a	Meis homeobox 2 [Source:NCBI gene;Acc:101174873]	5.164361882	1.783370116	-2.416098628	0.96539669
ENSORLG000000015959	-	-	6.149707589	3.394693681	-1.227411649	1.528086890
ENSORLG000000014886	rorcb	RAR-related orphan receptor c b [Source:ZFIN;Acc:ZDB-GENE-040724-215]	4.637352788	1.983920376	-1.751351346	0.90256572
ENSORLG000000004418	ppp1r9a	protein phosphatase 1, regulatory subunit 9A [Source:ZFIN;Acc:ZDB-GENE-060503-860]	5.276035028	2.328787263	-0.226885996	0.920848235
ENSORLG000000003750	arag	arylsulfatase G [Source:ZFIN;Acc:ZDB-GENE-060503-154]	4.960256697	2.956954072	0.067968117	2.071752221
ENSORLG000000017047	PLD4	phospholipase D family member 4 [Source:HGNC Symbol;Acc:HGNC:23782]	4.776842794	2.698788288	-0.925247093	1.152392515
ENSORLG000000003559	slc43a1a	transporter, member 1a [Source:ZFIN;Acc:ZDB-GENE-040724-215]	5.891831357	1.80827994	-1.174980713	2.909126813
ENSORLG000000016195	zfp395b	zinc finger protein 395b [Source:ZFIN;Acc:ZDB-GENE-041001-193]	4.055800027	1.987441598	0.24254988	2.311393955
ENSORLG000000003794	-	-	5.179715207	2.303655528	-0.9229684	1.953577947
ENSORLG000000003975	kbtbp10a	KF506 binding protein 10a [Source:ZFIN;Acc:ZDB-GENE-100821-75]	3.601697969	1.713736805	0.671598918	2.560045202
ENSORLG000000013155	trif1	trifles homolog 1 [Source:NCBI gene;Acc:101160746]	3.127169475	1.240760688	-2.947121403	-1.260277629
ENSORLG000000012333	amot	angiostatin [Source:ZFIN;Acc:ZDB-GENE-030131-7487]	5.102658631	0.48881083	-4.134853101	0.448314722
ENSORLG000000005412	amot	angiostatin [Source:ZFIN;Acc:ZDB-GENE-030131-7487]	4.943021988	2.208813139	-0.607425109	2.127268794
ENSORLG000000003973	kaznb	kazrin, nephlakin interacting protein b [Source:ZFIN;Acc:ZDB-GENE-030215-31]	4.774961392	1.574948892	-1.374959228	1.825496866
ENSORLG000000008798	KCNMA1 (1 of 2)	potassium calcium-activated channel subfamily M alpha 1 [Source:HGNC Symbol;Acc:HGNC:6284]	3.078494984	0.510292922	-1.362591304	1.206088842
ENSORLG000000003021	st8a6	Oryzias latipes alpha-2,8-sialyltransferase ST8sial VI (st8a6), mRNA, [Source:RefSeq mRNA;Acc:NM_001104905]	3.854618967	1.8324377	-1.057446194	0.965220237
ENSORLG000000001705	rtpm	protein tyrosine phosphatase, receptor type, Nb [Source:ZFIN;Acc:ZDB-GENE-110505-1]	3.183164287	0.65660123	-1.481567798	1.046020918
ENSORLG000000016254	lin7a	lin-7 homolog A (C. elegans) [Source:ZFIN;Acc:ZDB-GENE-040426-1665]	3.57378169	2.735620097	-0.099026474	0.739619917
ENSORLG000000016820	-	uncharacterized LOC101162953 [Source:NCBI gene;Acc:101162953]	16.6088462	10.56750932	-3.292620433	2.749179261
ENSORLG000000017122	gata3	GATA binding protein 3 [Source:ZFIN;Acc:ZDB-GENE-990415-82]	4.810897244	-0.23193759	-3.171008543	1.872312403
ENSORLG000000007186	bapry	B-box and SPRY domain containing [Source:ZFIN;Acc:ZDB-GENE-060526-219]	5.651789462	2.109395835	-2.340262891	1.202615416
ENSORLG000000012289	rsp2	cysteine and glycine-rich protein 2 [Source:NCBI gene;Acc:10117174]	5.154242963	1.562123761	-0.634922369	2.957881211
ENSORLG000000001162	-	-	4.089000667	2.449974196	-0.668595988	0.979199597
ENSORLG000000006090	qpl1b	Spi-1 proto-oncogene b [Source:ZFIN;Acc:ZDB-GENE-980526-164]	3.81823343	2.74539385	-1.786545624	-0.692776488
ENSORLG000000014806	tbx4	T-box 4 [Source:NCBI gene;Acc:10117998]	4.092276847	-0.200671653	-3.00795521	1.285478727
ENSORLG000000014364	tgaab6	integrin, alpha 6b [Source:ZFIN;Acc:ZDB-GENE-050320-9]	3.724483837	1.997393703	0.366525393	2.094100826

ENSORLG0000004392	sgpe	sarcoglycan, epsilon [Source:ZFIN;Acc:ZDB-GENE-030724.1]	4.036959787	1.621053728	0.414094462	2.830485839
ENSORLG0000005938	stp2a1	sarcoplasmic/endoplasmic reticulum calcium ATPase 1 [Source:NCBI;gene:Acc:101171864]	6.334076992	0.946001909	-5.39897999	-0.010424465
ENSORLG0000004782	prune2	prune Homolog 2 (Drosophila) [Source:ZFIN;Acc:ZDB-GENE-050309-222]	4.843749314	-0.357482227	-2.080546291	3.121172307
ENSORLG0000009882	-	-	3.900904808	-0.926651306	-0.865505296	3.962533941
ENSORLG00000013049	-	-	3.952308967	1.613426645	-0.004562148	2.334805161
ENSORLG0000004588	sl:dkey-28n18	sortilin domain 4 [Source:NCBI;gene:Acc:101168453]	3.326286513	0.66128161	0.127170882	2.790662534
ENSORLG0000003323	hepb	heparanase B (beta polyoptictide) [Source:ZFIN;Acc:ZDB-GENE-030131-2333]	3.102809433	0.342108176	-2.249213333	0.511972886
ENSORLG00000013892	ankrd13b	ankyrin repeat domain 13B [Source:ZFIN;Acc:ZDB-GENE-050913-151]	5.085955187	0.879568415	-1.218136556	2.988644864
ENSORLG00000002735	ahbg2a	ATP-binding cassette, sub-family G (WHITE), member 2a [Source:ZFIN;Acc:ZDB-GENE-050517-35]	4.371119333	0.258495174	-2.271084943	1.842024295
ENSORLG00000000021	-	-	3.268035518	1.44254963	0.408649457	2.230620738
ENSORLG00000007327	galnt18b	polypeptide N-acetylglucosaminyltransferase 18 [Source:NCBI;gene:Acc:101158340]	4.026517422	2.565917989	-0.152517582	1.308566054
ENSORLG00000010857	ddr2b	discoidin domain receptor tyrosine kinase 2b [Source:ZFIN;Acc:ZDB-GENE-060503-361]	4.491963934	2.277485872	0.297544225	2.51251003
ENSORLG00000012927	-	-	3.38045259	0.534166688	-1.264938467	1.581831287
ENSORLG00000012710	-	-	4.394858138	0.735636703	-1.867550082	1.790598879
ENSORLG00000006370	tead3b	TEA domain family member 3 b [Source:ZFIN;Acc:ZDB-GENE-080103-3]	3.065954236	1.294854425	0.712136004	2.483720417
ENSORLG00000017995	lox5b	lysyl oxidase-like 5b [Source:ZFIN;Acc:ZDB-GENE-070818-3]	6.553391427	0.749386998	-1.231638797	4.572859393
ENSORLG00000011645	mid1ip1a	MID1 interacting protein 1a [Source:ZFIN;Acc:ZDB-GENE-990415-81]	3.786683829	0.049036758	-1.739111963	1.999200033
ENSORLG00000012805	pck1	phosphoenolpyruvate carboxylase 1 (soluble) [Source:ZFIN;Acc:ZDB-GENE-030909-11]	6.753236345	0.122523888	-5.559201607	1.071995765
ENSORLG00000009349	mrx1 (1 of m)	myeloperoxidase specific peroxidase [Source:ZFIN;Acc:ZDB-GENE-030131-3460]	4.512336412	1.331772347	-3.186009127	-0.004959971
ENSORLG00000012238	kat2b	Klvs10 acetyltransferase 2B [Source:ZFIN;Acc:ZDB-GENE-060503-207]	3.81760459	2.17754179	0.068151907	1.708701109
ENSORLG000000009715	slc3a2a	solute carrier family 3 (anion exchanger system 1 transporter), member 2a [Source:ZFIN;Acc:ZDB-GENE-sl:ch211-18h17.2 [Source:ZFIN;Acc:ZDB-GENE-030131-5404]	4.166239629	1.995254582	-0.363502204	1.80796772
ENSORLG00000004406	sl:ch211-18h17	-	3.37380799	0.345311706	-2.475087659	0.553893421
ENSORLG00000011021	SLC49A3	solute carrier family 49 member 3 [Source:NCBI;gene:Acc:101171677]	5.108174942	1.685635017	-1.10908317	2.313941721
ENSORLG000000101737	ENSORLG00000006980	notch3 [Source:ZFIN;Acc:ZDB-GENE-000329-5]	5.759183719	3.05848572	-3.384142906	-0.689357787
ENSORLG00000006659	bcl6b	B-cell CLL/lymphoma 6, member B [Source:ZFIN;Acc:ZDB-GENE-120907-11]	4.035487747	2.074238897	-1.434739788	0.498004001
ENSORLG00000000459	nccrp1	non-specific cytotoxic cell receptor protein 1 homolog (zebrafish) [Source:NCBI;gene:Acc:101166487]	3.82390573	1.450987244	-1.891319991	0.482082921
ENSORLG00000006006	-	-	4.107951541	-1.931448474	-3.114625966	2.925261863
ENSORLG00000005142	-	-	5.1661575	3.667238441	-1.78544579	-0.286035567
ENSORLG00000016636	igfbp6b	insulin-like growth factor-binding protein 5 [Source:NCBI;gene:Acc:101169782]	3.143474343	0.744389205	-1.065242471	1.314327728
ENSORLG00000006827	zgc:194312	zgc:194312 [Source:ZFIN;Acc:ZDB-GENE-081022-102]	4.316242827	1.579994012	-3.48028262	-0.743550147
ENSORLG00000011742	rasp1	Ras interacting protein 1 [Source:ZFIN;Acc:ZDB-GENE-120403-3]	3.815985015	2.981649441	0.3154835	1.150305523
ENSORLG00000009915	-	-	5.458908775	1.008173109	-1.62878722	2.822433374
ENSORLG00000014723	ppdpfa	pancreatic progenitor cell differentiation and proliferation factor a [Source:ZFIN;Acc:ZDB-GENE-030219-204]	6.120828034	1.833159834	-4.406748347	-0.11895948
ENSORLG00000013711	RX5	retinoids homeobox 5 [Source:HGN;Symbol;Acc:HGN:14351]	3.017234182	2.32440747	-1.759076061	-1.065764858
ENSORLG00000006415	-	-	18.628660427	10.96657755	-4.684206265	7.966638817
ENSORLG00000013711	-	-	3.407733828	1.357465311	-0.363916139	1.686821366
ENSORLG00000010410	sh3bgr1	SH3 domain binding glutamate-rich protein like [Source:ZFIN;Acc:ZDB-GENE-040426-1376]	3.13928051	2.314524306	0.588396355	1.413637628
ENSORLG00000005102	col2a1a	Oryzias latipes collagen type II A (col2a1a), mRNA [Source:RefSeq; mRNA; Acc:NM_0248659]	3.178352637	2.231170855	-3.23921704	-1.381555762
ENSORLG00000009155	sl:dkey-266m15	sl:dkey-266m15.5 [Source:ZFIN;Acc:ZDB-GENE-070705-442]	4.146502684	2.207156711	-0.331572193	1.608258495
ENSORLG00000009052	ripk3	receptor-interacting serine-threonine kinase 3 [Source:ZFIN;Acc:ZDB-GENE-071115-4]	5.195706184	1.715183967	-3.500117032	-0.019110216
ENSORLG00000004432	PPARG	peroxisome proliferator activated receptor gamma [Source:HGN;Symbol;Acc:HGN:5238]	4.377478104	1.686469184	-1.683674834	1.087819972
ENSORLG00000006954	trm35-12	tripeptide motif containing 35-12 [Source:ZFIN;Acc:ZDB-GENE-110920-4]	6.368519484	1.189692574	-2.984778883	2.194535073
ENSORLG00000000981	slc22a7a	solute carrier family 22 (organic anion transporter), member 7a [Source:ZFIN;Acc:ZDB-GENE-050506-52]	3.616947677	0.151243441	-4.156598965	-0.690413352
ENSORLG00000003177	vnt1	vesicle amine transport 1 [Source:ZFIN;Acc:ZDB-GENE-030616-178]	4.207450298	2.178399427	-1.19647198	0.833118728
ENSORLG00000007485	znf385a	zinc finger protein 385A [Source:ZFIN;Acc:ZDB-GENE-090313-255]	4.486110103	1.23448233	-2.946083137	0.306032128
ENSORLG00000006265	selnmom	selenoprotein M [Source:ZFIN;Acc:ZDB-GENE-030410-04026-1289]	4.334653627	2.693365285	-0.152541332	1.489231663
ENSORLG00000007736	pata2a	GATA-binding factor 2 [Source:NCBI;gene:Acc:101161391]	4.710775921	0.861396687	-2.627352534	1.22251261
ENSORLG00000014926	plekhf1	pleckstrin homology domain containing, family F (with FYVE domain) member 1 [Source:ZFIN;Acc:ZDB-GENE-040408-1289]	16.10239753	0	-3.045397446	13.05749258
ENSORLG00000016885	GNA11 (1 of m)	guanine nucleotide-binding protein G(i) subunit alpha [Source:NCBI;gene:Acc:101158934]	3.156453728	0.596253215	-0.83451817	1.726167661
ENSORLG00000016641	casin1	CASK interacting protein 1 [Source:ZFIN;Acc:ZDB-GENE-071115-3]	3.696403479	1.506267648	-1.458419389	0.730201266
ENSORLG00000006169	sl:ch211-153b	sl:ch211-153b23.4 [Source:ZFIN;Acc:ZDB-GENE-030131-7329]	3.981379635	1.425254123	-1.525668883	0.391083191
ENSORLG00000017370	-	uncharacterized LOC101161631 [Source:NCBI;gene:Acc:101161631]	5.363740047	1.65756761	-2.792250522	0.914408854
ENSORLG00000004290	MPDZ (1 of m)	multiple PDZ domain crumbs cell polarity complex component [Source:HGN;Symbol;Acc:HGN:7208]	4.587703993	2.391187616	-0.407685149	1.789314738
ENSORLG00000002168	mylpfa	myosin light chain, phosphorylatable, fast skeletal muscle a [Source:ZFIN;Acc:ZDB-GENE-990712-15]	6.300930238	5.02295267	-10.94037035	-4.116002128
ENSORLG00000010342	kif7b	Kinesin-like factor 7b [Source:ZFIN;Acc:ZDB-GENE-041014-171]	5.099076035	2.578572216	-0.755830626	1.76515472
ENSORLG00000003178	-	-	3.606030998	-0.891619404	-0.927915421	3.570222206
ENSORLG00000014456	tpia	tissue factor pathway inhibitor a [Source:ZFIN;Acc:ZDB-GENE-030711-1]	5.160657701	-0.188255232	-3.008429651	2.340968587
ENSORLG00000016429	-	-	3.619600831	2.538080949	-1.029859796	0.052145036
ENSORLG00000007868	qucy2d	guanylate cyclase 2D, retinal [Source:ZFIN;Acc:ZDB-GENE-011128-9]	3.947644366	2.332752961	-0.430962203	1.184413695
ENSORLG00000007680	cmbl	carboxymethylglutaminylase homolog [Source:NCBI;gene:Acc:101171616]	3.141900812	0.971343241	0.021738422	2.192780725
ENSORLG00000016402	vdr	Oryzias latipes vitamin D (1,25-dihydroxyvitamin D3) receptor (vdr), mRNA [Source:RefSeq; mRNA; Acc:NM_001128517]	3.120066476	0.060388589	-1.29317278	1.766899706
ENSORLG00000010166	slc7a2	solute carrier family 7 member 2 [Source:NCBI;gene:Acc:101165487]	5.322947473	0.095393686	-2.873804805	2.354234972
ENSORLG00000012540	pxdc1b	PX domain containing 1 [Source:NCBI;gene:Acc:101165607]	4.640245155	2.995636034	-0.267584211	1.377509199
ENSORLG00000006079	slc22w6i	solute carrier family 22 member 6 [Source:NCBI;gene:Acc:101168641]	6.877724768	-0.701791334	-5.630916679	1.948492906
ENSORLG00000013845	-	-	5.860735513	2.044014911	-2.064315831	1.75288776

ENSRGLG00000009418	ve1a	vinculin a [Source:ZFIN;Acc:ZDB-GENE-050506-61]	4.856194896	2.654586431	-1.149654988	1.052437035
ENSRGLG00000011362	dusp4	dual specificity phosphatase 4 [Source:ZFIN;Acc:ZDB-GENE-040476-109]	5.272344634	-0.059173465	-1.577894216	3.754106664
ENSRGLG00000016315	nr2f5	nuclear receptor subfamily 2 group F member 5 [Source:NCBI;gene:Acc:101174296]	4.418504357	0.602789032	-2.717595999	1.098605478
ENSRGLG00000016896	-	-	4.388824271	0.931550277	-2.467625415	0.98897678
ENSRGLG00000016570	-	-	3.26783029	2.280739373	-1.191027273	-0.213451583
ENSRGLG00000012490	glf3	GLI family zinc finger 3 [Source:ZFIN;Acc:ZDB-GENE-041111-162]	4.511450875	1.682114558	-0.971706591	1.858113598
ENSRGLG00000004902	-	-	6.314043665	3.070614536	-2.798891948	0.44507679
ENSRGLG00000007318	nmp14a	matrix metalloproteinase 14a (membrane-inserted) [Source:ZFIN;Acc:ZDB-GENE-030901-11]	3.261566337	2.314552132	-1.185899533	-0.23831175
ENSRGLG00000012076	KCNK3	potassium two pore domain channel subfamily K member 3 [Source:NCBI;gene:Acc:101167669]	5.617303062	2.804072831	-1.558195966	1.255512778
ENSRGLG00000010866	CLDN5	claudin 5 [Source:NCBI;gene:Acc:101166566]	4.4651649	1.968625675	-3.088620208	-0.587680666
ENSRGLG00000003465	cyp26b1	Cyp26a1 cytochrome P450, family 26, subfamily B, polypeptide 1 (cyp26b1), mRNA [Source:RefSeq;transcript:NM_001278821]	4.954290288	1.531337986	-1.127641186	2.295793481
ENSRGLG00000001617	-	-	5.580751487	1.489303931	-2.488241899	2.6238904
ENSRGLG00000015028	-	-	3.993017488	-1.301421808	-3.37067352	1.924251241
ENSRGLG00000007393	zgc134058	zgc134058 [Source:ZFIN;Acc:ZDB-GENE-060929-48]	3.870483404	0.501753601	-0.536259683	2.832955529
ENSRGLG00000012858	MAT1A	methionine adenosyltransferase 1A [Source:HGNC;Symbol:Acc:HGNC:5903]	3.441744233	2.025368366	-1.23465156	0.182209686
ENSRGLG00000016620	slc1key-235d1	slc1key-235d1 [Source:ZFIN;Acc:ZDB-GENE-041014-243]	4.379577653	0.740924505	-2.115018194	1.524119329
ENSRGLG00000016941	THRA	thyroid hormone receptor alpha [Source:HGNC;Symbol:Acc:HGNC:11796]	3.248332195	1.010604936	-1.670886502	0.567325114
ENSRGLG00000013461	mitfb	microphthalmia-associated transcription factor [Source:NCBI;gene:Acc:101165733]	5.739051788	3.466595123	-0.530365837	1.722568438
ENSRGLG00000010611	nr4f4	neuropilin cytosolic factor 4 [Source:NCBI;gene:Acc:101171890]	3.463469431	1.893068708	-0.094477729	1.486407299
ENSRGLG00000019015	KLF2	Kruppel-like factor 2 [Source:NCBI;gene:Acc:101170127]	5.528020697	1.430574357	-2.428329949	1.638601151
ENSRGLG00000001321	araq1b	endoplasmic reticulum aminopeptidase 1b [Source:ZFIN;Acc:ZDB-GENE-040476-934]	3.566013605	1.079108934	-2.063488049	0.417901473
ENSRGLG00000013048	pyylt1b	glycoside xylosyltransferase 1b [Source:ZFIN;Acc:ZDB-GENE-041210-118]	3.11212787	1.420426148	1.297766847	2.989952883
ENSRGLG00000003707	dnab2ipb	DAB2 interacting protein b [Source:ZFIN;Acc:ZDB-GENE-030131-2449]	3.681391685	0.871295611	-1.168659399	1.641928002
ENSRGLG00000017983	cd4	complement factor D (cd4psn) [Source:ZFIN;Acc:ZDB-GENE-050522-411]	3.932967185	2.76540052	-0.996865341	0.171185989
ENSRGLG00000005107	zinc1a	JAZF zinc finger 1a [Source:ZFIN;Acc:ZDB-GENE-060503-482]	3.768955583	1.624577736	-0.224585534	1.920277082
ENSRGLG00000005025	-	-	5.814213854	1.398025946	-4.235434948	0.181238343
ENSRGLG00000012601	-	isocitrate dehydrogenase [NADP] mitochondrial [Source:NCBI;gene:Acc:101166744]	4.289331491	0.91196107	-6.658617134	2.727038722
ENSRGLG00000013422	ARG1	arginase 1 [Source:HGNC;Symbol:Acc:HGNC:663]	8.210352669	0.923858986	-6.579751446	0.838700314
ENSRGLG00000016029	tsparn9a	tetraspanin 9a [Source:ZFIN;Acc:ZDB-GENE-060503-632]	3.970943297	1.822170711	-1.836585203	0.31267338
ENSRGLG00000000655	ampd1	adenosine monophosphate deaminase 1 [Source:NCBI;gene:Acc:101172409]	5.667454605	0.046863398	-3.071647635	2.549435594
ENSRGLG00000004319	col1a2	collagen, type I, alpha 2 [Source:ZFIN;Acc:ZDB-GENE-030131-8415]	5.148886364	2.037238394	-4.017331727	-0.905216882
ENSRGLG00000004132	plg2r1	phospholipase A2 receptor 1 [Source:ZFIN;Acc:ZDB-GENE-120223-11]	3.075461269	1.743981577	-0.518836998	0.813128284
ENSRGLG00000000951	col21a1	collagen, type XXI, alpha 1 [Source:ZFIN;Acc:ZDB-GENE-110607-31]	5.877649695	3.368092607	0.013232301	2.52327806
ENSRGLG00000015339	gp44a	glutathione peroxidase 4a [Source:ZFIN;Acc:ZDB-GENE-030410-21]	3.106227288	1.196045241	-0.23746637	1.673200645
ENSRGLG00000016690	wrgb	retinoid X receptor, gamma b [Source:ZFIN;Acc:ZDB-GENE-040718-34]	3.83834821	0.972336315	-2.798817682	0.069678877
ENSRGLG00000015684	prdm1a	PR domain containing 1a, with ZNF domain [Source:ZFIN;Acc:ZDB-GENE-030131-2193]	3.76493368	-0.049078314	-1.092579974	2.721917019
ENSRGLG00000010969	PLXND1	olefin D1 [Source:HGNC;Symbol:Acc:HGNC:91071]	3.451999632	1.387330413	-2.24719921	-0.18204547
ENSRGLG00000016181	pel12	E3 ubiquitin-protein ligase pelino homolog 2 [Source:NCBI;gene:Acc:101166500]	4.10784576	1.705388149	-0.877556893	1.525385664
ENSRGLG00000004818	-	-	4.247045207	1.240045588	-1.589643095	1.417480609
ENSRGLG00000000014	-	-	3.742265713	0.884645425	-0.854781467	2.00323273
ENSRGLG00000002990	zgc163057	hemoglobin subunit alpha-D [Source:NCBI;gene:Acc:101170468]	18.445898992	12.25114803	-3.275040664	2.92017791
ENSRGLG00000016560	ica1	islet cell autoantigen 1 [Source:ZFIN;Acc:ZDB-GENE-040718-490]	3.987056699	1.155519986	-0.789014927	2.042992223
ENSRGLG00000006475	slc19a1	solute carrier family 19 (folate transporter), member 1 [Source:ZFIN;Acc:ZDB-GENE-110401-11]	3.480984347	0.922701173	-1.175111887	1.383655018
ENSRGLG00000007274	-	-	3.96304837	1.636393361	-0.210351303	2.096786845
ENSRGLG00000015717	zgc113307	zgc113307 [Source:ZFIN;Acc:ZDB-GENE-050522-29]	5.078785355	-1.361031898	-2.283410093	4.194864941
ENSRGLG00000012375	-	-	3.867531739	1.196350619	-0.137420038	2.534247085
ENSRGLG00000012424	wt1	Wilms' tumor suppressor 1 [Source:NCBI;gene:Acc:100893288]	3.388604054	2.008942609	-0.813554472	0.566591999
ENSRGLG00000015724	flt0	interleukin 10 [Source:ZFIN;Acc:ZDB-GENE-051111-11]	15.6646931	11.68304285	-0.101784198	3.8803312
ENSRGLG00000016391	zgc153031	zgc153031 [Source:ZFIN;Acc:ZDB-GENE-060929-1190]	3.296239654	0.427956603	-1.784271805	1.084546277
ENSRGLG00000000670	unc5a	unc-5 netrin receptor A [Source:ZFIN;Acc:ZDB-GENE-080219-19]	4.284611919	-0.580364298	-0.815450508	4.050013504
ENSRGLG00000013713	kfl1	Kruppel-like factor 1 (erythroid) [Source:ZFIN;Acc:ZDB-GENE-880526-55]	15.97609441	8.822092774	-0.568698177	2.097565516
ENSRGLG00000014351	cpk3b	complement 3 [Source:NCBI;gene:Acc:101167694]	15.8784912	13.75439483	-15.67844389	-13.75441884
ENSRGLG00000009716	TC2N	tandem C2 domains, nuclear [Source:HGNC;Symbol:Acc:HGNC:19859]	5.13877268	0.947970851	-2.293887921	1.897399642
ENSRGLG00000006633	tfap2a	transcription factor AP-2 alpha [Source:ZFIN;Acc:ZDB-GENE-011212-6]	4.706341633	-0.946754881	-2.598634506	3.054945509
ENSRGLG00000012066	srx13	SRY (sex determining region Y)-box 13 [Source:ZFIN;Acc:ZDB-GENE-100519-11]	5.00707375	1.076975166	-1.366176606	2.564411145
ENSRGLG00000003886	ldlrb	low density lipoprotein receptor b [Source:ZFIN;Acc:ZDB-GENE-040476-1254]	5.853679414	2.102363212	-1.199253951	2.552547415
ENSRGLG00000008387	tcf7l2	transcription factor 7 like 2 [Source:ZFIN;Acc:ZDB-GENE-991110-8]	3.081011909	0.886394894	-0.191387575	2.003714341
ENSRGLG00000010082	arhgef40	Rho guanine nucleotide exchange factor (GEF) 40 [Source:ZFIN;Acc:ZDB-GENE-110623-2]	3.259827005	1.464423913	-1.459680523	0.33627078
ENSRGLG00000002376	-	-	3.167323109	-12.69091028	-3.024501964	12.83424388
ENSRGLG00000015484	-	-	6.595660236	-9.696045993	-2.314960802	13.97725488
ENSRGLG00000017571	cx29.6.11.01	connexin 29.6 [Source:ZFIN;Acc:ZDB-GENE-040406-4]	18.41867988	12.10753644	-2.025248871	2.291342852
ENSRGLG00000004651	icbr	integrin beta 6 [Source:ZFIN;Acc:ZDB-GENE-100812-2]	4.2111761	1.817096389	-1.13535953	1.21779595
ENSRGLG00000002527	nectin1b	nectin cell adhesion molecule 1b [Source:ZFIN;Acc:ZDB-GENE-080224-2]	5.519172402	2.114556188	-1.169266719	2.25833162
ENSRGLG00000004864	kcm6al	kyne (G)-specific demethylase 6A, like [Source:ZFIN;Acc:ZDB-GENE-070112-2002]	4.604260181	1.687897852	-0.69576419	2.221082636
ENSRGLG00000006558	fam78ab	family with sequence similarity 78, member AB [Source:ZFIN;Acc:ZDB-GENE-080220-25]	4.626430079	1.490814975	-2.924508328	0.21159784
ENSRGLG00000006158	tfap2c	transcription factor AP-2 gamma (activating enhancer binding protein 2 gamma) [Source:ZFIN;Acc:ZDB-GENE-041212-61]	3.405373925	-0.011718694	-1.453782196	1.963797504
ENSRGLG00000016159	tcma	transcriptional and immune response regulator a [Source:ZFIN;Acc:ZDB-GENE-050320-36]	6.122102923	2.206140499	-1.927976785	1.988470295
ENSRGLG00000008678	rgmb	repulsive guidance molecule BMP co-receptor b [Source:ZFIN;Acc:ZDB-GENE-040527-2]	3.182512935	1.209097304	0.327888065	3.001768356
ENSRGLG00000002157	RFO0190	small nucleolar RNA SNORA16B/SNORA16A family [Source:NCBI;gene:Acc:111948266]	3.972871705	3.131112837	0.862285692	1.704532694

	ENSRORG0000015018	adgre5b.3	adhesion G protein-coupled receptor E5b, duplicate 3 [Source:ZFIN;Acc:ZDB-GENE-121214-275]	4.570639617	0.799120706	-2.749473618	1.022529762
	ENSRORG0000004433	asza	SK homeobox 2 [Source:NCBI;gene:Acc:101161260]	4.065318586	-1.203215336	-2.787770357	2.471249641
	ENSRORG0000001848	-	four and a half LIM domains protein 2-like [Source:NCBI;gene:Acc:10174895]	15.85340191	12.40712168	-2.766180945	6.680567516
	ENSRORG0000012122	-	-	3.357537102	-0.478355217	-0.935667507	2.900709846
	ENSRORG00000011935	bcar3	BCAR3, NSP family adaptor protein [Source:ZFIN;Acc:ZDB-GENE-080513_4]	4.143683494	1.721264951	-0.982757821	1.440146191
	ENSRORG00000016242	HMBXK1	homeobox containing 1 [Source:HGNC;Symbol:Acc:HGNC:26137]	3.066091825	0.667940129	-0.928263083	1.470373754
	ENSRORG00000015287	adgrg1	adhesion G protein-coupled receptor G1 [Source:ZFIN;Acc:ZDB-GENE-030131_3671]	5.048999299	1.06277812	-1.827196465	2.159509694
	ENSRORG0000004204	tzd2	frizzled class receptor 2 [Source:ZFIN;Acc:ZDB-GENE-990415_224]	5.408865541	2.718099423	-0.292247185	2.399058819
	ENSRORG0000002956	infap8i3	tumor necrosis factor, alpha-induced protein 8-like 3 [Source:ZFIN;Acc:ZDB-GENE-040426_1313]	4.493730894	1.416954037	-2.085632159	0.991629899
	ENSRORG00000011143	ktga9	integrin, alpha 9 [Source:ZFIN;Acc:ZDB-GENE-040426_1129]	4.281112267	2.902353009	-1.335108111	0.044135609
	ENSRORG00000022020	preli1b	PREL1 domain-containing protein 1, mitochondrial-like [Source:NCBI;gene:Acc:101156360]	3.890521639	1.528684716	-0.828193734	1.534128321
	ENSRORG00000011552	lts2b	leucine zipper tumor suppressor 2 [Source:NCBI;gene:Acc:101164513]	4.472687799	1.36197157	-0.249524185	2.861678904
	ENSRORG00000016356	-	-	7.588055086	0.264367883	-7.023211339	0.280960771
	ENSRORG00000009243	tlr38.39	tlr38.39 [Source:ZFIN;Acc:ZDB-GENE-030131_8104]	4.238588807	-0.257050745	-1.25098852	3.243080796
	ENSRORG00000005778	zbtb7c	zinc finger and BTB domain containing 7C [Source:ZFIN;Acc:ZDB-GENE-130530_373]	4.298348966	1.446748849	-0.611562127	2.240523383
	ENSRORG00000006274	pnpla2	patatin-like phospholipase domain containing 2 [Source:ZFIN;Acc:ZDB-GENE-120913_3]	3.606293633	0.859378643	-1.090399126	1.657010996
	ENSRORG00000002955	-	uncharacterized LOC101172678 [Source:NCBI;gene:Acc:101172678]	3.472982734	0.966232638	-0.384797337	2.122437681
	ENSRORG00000010404	atg4c	autophagy related 4C, cysteine peptidase [Source:NCBI;gene:Acc:101155417]	3.234874247	0.669478805	0.387344162	2.953224513
	ENSRORG00000001005	-	-	3.294831692	1.261812126	-2.202008109	-0.168503741
	ENSRORG00000000624	zqc153704	licocalcin [Source:NCBI;gene:Acc:101165663]	3.371410898	0.488338044	-0.270827356	2.612739487
	ENSRORG00000005847	rtnm47	RNA binding motif protein 47 [Source:ZFIN;Acc:ZDB-GENE-030131_3812]	5.837069111	1.445745871	-1.423529452	2.968278731
	ENSRORG00000006206	eyn2	EYA transcriptional coactivator and phosphatase 2 [Source:ZFIN;Acc:ZDB-GENE-040912_24]	4.442405682	2.36254681	-0.339293324	1.741047867
	ENSRORG00000016574	-	-	3.740478248	1.421682563	-0.606707672	1.713203957
	ENSRORG00000001787	slc35f2	info solute carrier family 35, member F2, like [Source:ZFIN;Acc:ZDB-GENE-130530-1004]	5.14431688	-1.075365115	-2.481232205	3.738932372
	ENSRORG00000015827	wfdc1	WAP four-disulfide core domain 1 [Source:ZFIN;Acc:ZDB-GENE-070112_352]	6.282732906	4.077999011	-2.567740186	-0.362518982
	ENSRORG00000002466	slc2h11-85n1	slc2h11-85n1b.4 [Source:ZFIN;Acc:ZDB-GENE-030131_7043]	3.404794691	1.721884631	-1.056391101	0.627003184
	ENSRORG00000009652	tufta1a	tuftelin 1a [Source:ZFIN;Acc:ZDB-GENE-061103-184]	3.370216807	0.620263207	-1.49844757	2.551990814
	ENSRORG00000008660	lrrc3b	leucine rich repeat containing 3B [Source:NCBI;gene:Acc:101157953]	3.047968067	0.97762434	0.376933039	2.447762012
	ENSRORG00000003816	csf8	cytokine inducible SH2-containing protein [Source:ZFIN;Acc:ZDB-GENE-050907_1]	3.263763348	0.191898822	-2.188085497	0.884263869
	ENSRORG00000017279	-	-	5.83269811	-10.04328708	-0.529418565	15.34707181
	ENSRORG00000017646	adh5	Oryza latipes alcohol dehydrogenase 5 (class III), ch polypeptide (adh5), mRNA [Source:RefSeq; mRNA:Acc:NM_001104796]	7.012723622	2.119697285	-4.166887337	0.726624268
	ENSRORG00000006884	rhoub	rho-related GTP-binding protein RhoU [Source:NCBI;gene:Acc:101159601]	5.976790726	1.440514612	-1.77015053	2.766610691
	ENSRORG00000005978	spock3	proteoglycan 3 [Source:ZFIN;Acc:ZDB-GENE-090311-]	4.595221344	2.155562858	-2.006035503	0.434110177
	ENSRORG00000002084	prs35	protease, serine, 35 [Source:ZFIN;Acc:ZDB-GENE-040704-55]	4.465405264	0.59120549	-3.250757889	0.623921717
	ENSRORG00000008248	coro7	mitochondrial import inner membrane translocase subunit TIM16 [Source:NCBI;gene:Acc:101155031]	3.216452622	0.670427544	-1.481333522	1.065176596
	ENSRORG00000011390	gpr18	G protein-coupled receptor 18 [Source:ZFIN;Acc:ZDB-GENE-070912_159]	4.705411228	2.722221131	-2.486450819	-0.502775332
	ENSRORG00000004145	poth1g30	protocadherin 1, gamma 30 [Source:ZFIN;Acc:ZDB-GENE-050609_23]	3.479618934	1.353401468	-1.449514527	0.677188864
	ENSRORG00000003502	slc3ky-165a2	slc3ky-165a2.9 [Source:ZFIN;Acc:ZDB-GENE-141209-11]	5.982143895	3.212580671	-2.103688878	0.66638919
	ENSRORG00000008568	akr1a1a	alcohol dehydrogenase [NAD(+)] A-like [Source:NCBI;gene:Acc:101175168]	6.117376906	0.701703716	-0.860778803	4.555373535
	ENSRORG00000005567	ZNF462	zinc finger protein 462 [Source:HGNC;Symbol:Acc:HGNC:21894]	3.28689027	1.04510333	-0.684060665	1.558211041
	ENSRORG00000014548	-	-	18.34696044	14.50454517	-2.779925889	1.062958861
	ENSRORG00000006847	apd1b	glycerol-3-phosphate dehydrogenase 1b [Source:ZFIN;Acc:ZDB-GENE-030131_3986]	3.820345298	2.759847547	-0.071383961	0.989597567
	ENSRORG00000003046	hbae5	hemoglobin, alpha embryonic 5 [Source:ZFIN;Acc:ZDB-GENE-101028-1]	5.703787996	1.022274623	-2.733292129	1.949606008
	ENSRORG00000012307	zland5a	zinc finger AN1-type containing 5 [Source:NCBI;gene:Acc:101155116]	3.412835782	1.056990304	-0.251858479	2.104503201
	ENSRORG00000016164	-	-	4.533368544	-13.64884177	-4.651719264	13.53100124
	ENSRORG00000006356	snix	spermine oxidase [Source:NCBI;gene:Acc:101164210]	4.20135887	2.085021747	-1.05336636	1.1121165
	ENSRORG00000005264	-	-	3.792461234	0.753901509	-2.143678477	0.89538296
	ENSRORG00000010039	ndrg2	protein NDRC2 [Source:NCBI;gene:Acc:101163361]	4.992673846	2.923724478	-2.457129313	-0.387895137
	ENSRORG00000002123	boka	BOK, BCL2 family apoptosis regulator 4 [Source:ZFIN;Acc:ZDB-GENE-040801_131]	4.51575064	0.966031094	-0.058117047	0.492087143
	ENSRORG00000016510	zfyve9b	zinc finger, FYVE domain containing 9b [Source:ZFIN;Acc:ZDB-GENE-110825_21]	5.009054544	2.781797475	-0.423987415	1.80375256
	ENSRORG00000014497	-	-	3.784598818	1.58473428	0.05063552	2.240413658
	ENSRORG00000010566	-	-	3.892361867	2.509148212	-3.773004011	-2.389305131
	ENSRORG00000015418	mmp15	Oryza latipes matrix metalloproteinase 15 (mmp15), mRNA [Source:RefSeq; mRNA:Acc:NM_001104883]	4.523460121	2.442627569	-1.675474797	0.405570183
	ENSRORG00000017446	catpd	CCAAT enhancer binding protein delta [Source:ZFIN;Acc:ZDB-GENE-020111_4]	4.553648809	0.661757535	-2.914357292	0.978018894
	ENSRORG00000005072	rbp4	retinol binding protein 4 [Source:NCBI;gene:Acc:101157673]	5.653984309	1.496048246	-2.183993131	1.974427969
	ENSRORG00000008004	zpc-101810	actin-related protein 2-B [Source:NCBI;gene:Acc:101157161]	3.4933553	1.681319717	-1.448959149	0.363561857
	ENSRORG00000014950	olmi3c	olfactomedin-like 3b [Source:ZFIN;Acc:ZDB-GENE-050302-161]	3.853169143	1.51851508	-3.557849562	-1.222709862
	ENSRORG00000013833	-	-	3.709954915	0.862532907	-1.41125754	1.436648895
	ENSRORG00000005750	slit2	slit homolog 2 (Drosophila) [Source:ZFIN;Acc:ZDB-GENE-010306-3]	4.917354046	1.442575656	-1.11358702	2.36167729
	ENSRORG00000005424	cdh16	cadherin 16, KSP-cadherin [Source:ZFIN;Acc:ZDB-GENE-140106-140]	5.005252235	-2.633212238	-6.287975586	1.350960913
	ENSRORG00000010812	efz2k	eukaryotic elongation factor 2 kinase [Source:ZFIN;Acc:ZDB-GENE-020916-2]	3.385041159	1.362499616	-0.825391603	1.197634894
	ENSRORG00000011780	-	-	4.12895798	7.06459236	-0.18351093	1.873491408
	ENSRORG00000013379	-	-	5.151740708	2.228572022	-0.898368401	2.025286999
	ENSRORG00000003869	lam20a	family with sequence similarity 20, member A [Source:ZFIN;Acc:ZDB-GENE-081022-117]	4.164265609	0.142912802	-2.51575689	1.506080958
	ENSRORG00000005345	slc16a9a	solute carrier family 16, member 9a [Source:ZFIN;Acc:ZDB-GENE-040426-1364]	5.356138886	3.62127558	-0.547144453	1.188201683
	ENSRORG00000002812	tmem98	transmembrane protein 98 [Source:NCBI;gene:Acc:101155691]	3.68782273	1.428063506	-2.531421028	-0.271176881
	ENSRORG000000017603	dec11a	C-type lectin domain containing 11A [Source:ZFIN;Acc:ZDB-GENE-130530-861]	3.234191687	2.058036603	-0.114414093	1.06249894

		ENSORLG00000015630	-	uncharacterized LOC101155763 [Source:NCBI gene:Acc:101155763]	6.103342151	3.328185039	-1.459025504	1.316617416
		ENSORLG00000005336	SYTL2	synaptotagmin like 2 [Source:HGNC Symbol:Acc:HGNC:15585]	4.122355271	0.362325521	-0.212770739	3.547747006
		ENSORLG00000006286	-	tyrosinase like [Source:NCBI gene:Acc:101170788]	5.07824888	2.878486929	-2.313186111	-0.119393954
		ENSORLG00000006968	-	-	3.413853961	2.17884091	-1.417016913	-0.238850071
		ENSORLG00000009075	-	C-X-C motif chemokine 2 [Source:NCBI gene:Acc:101168980]	5.067820213	1.987717512	-1.574152345	1.506435013
		ENSORLG00000011996	ehf	ehf homologous factor [Source:ZFIN:Acc:ZDB-GENE-065312-7]	4.922940654	0.813599519	-1.506997488	2.602824394
		ENSORLG00000017741	-	-	3.168947553	1.004336971	-0.480901884	1.684194062
		ENSORLG00000001741	hh1b	four and a half LIM domains 1b [Source:ZFIN:Acc:ZDB-GENE-031219-11]	3.198891418	1.31948378	-1.268971582	0.610921476
		ENSORLG00000000072	KIAA0895L	KIAA0895 like [Source:HGNC Symbol:Acc:HGNC:34408]	5.101218578	2.908184056	0.493276772	2.686794532
		ENSORLG00000000874	p1vapb	plasmalemma vesicle associated protein b [Source:ZFIN:Acc:ZDB-GENE-060816-96]	3.612772923	1.966822954	-1.529648545	0.116787228
		ENSORLG00000005925	MBNL1	muscblind like splicing regulator 1 [Source:NCBI gene:Acc:101171850]	3.732031226	1.77005301	-1.770151745	0.192357887
		ENSORLG00000004498	PDE3A	phosphodiesterase 3A [Source:HGNC Symbol:Acc:HGNC:8778]	6.582701993	3.392181412	-1.029461189	2.161527474
		ENSORLG00000006250	lctd12b	potassium channel tetramerisation domain containing 12b [Source:ZFIN:Acc:ZDB-GENE-050417-104]	4.574919553	2.6526869	-1.74689006	0.1780178
		ENSORLG00000001457	-	-	3.117539044	-1.382710683	-2.830037494	1.67069559
		ENSORLG00000011071	uk1b	unc-51 like autophagy activating kinase 1 [Source:ZFIN:Acc:ZDB-GENE-071203-2]	3.142591519	0.66745485	-0.10453751	2.371083549
		ENSORLG00000000472	s100s	S100 calcium binding protein 5 [Source:ZFIN:Acc:ZDB-GENE-040922-31]	4.532172644	0.716893675	-0.924036776	2.891172363
		ENSORLG00000006618	abcb3	Oryzias latipes antigen peptide transporter 2-like (atcb3), mRNA [Source:RefSeq mRNA:Acc:NM_001278887]	4.774648547	1.828663771	-1.037213822	1.909254883
		ENSORLG000000013025	fox1	hyal oxidase-like 1 [Source:ZFIN:Acc:ZDB-GENE-06503-488]	3.23195212	1.702848123	-0.392293851	1.137295502
		ENSORLG000000016785	pycard	PYD and CARD domain containing [Source:ZFIN:Acc:ZDB-GENE-000511-21]	5.299448737	2.529309591	-1.32763054	1.442994019
		ENSORLG000000010588	mag1a	membrane associated guanylate kinase, WW and PDZ domain containing 1a [Source:ZFIN:Acc:ZDB-GENE-081105-13]	3.039529279	0.794379501	-0.314098391	1.93153702
		ENSORLG000000003995	ppp1r14aa	protein phosphatase 1, regulatory (inhibitor) subunit 14aa [Source:ZFIN:Acc:ZDB-GENE-050417-413]	5.769744357	2.692745404	-2.173335423	0.904147531
		ENSORLG000000002029	-	astacin like metallo-protease [Source:NCBI gene:Acc:100049316]	6.864075363	2.227959485	-5.44428493	-0.80766773
		ENSORLG000000002887	snob1 (1 of m	snob1 [Source:NCBI gene:Acc:101170044]	7.645589221	3.414551359	-3.738703701	0.494820197
		ENSORLG000000018251	-	-	4.297020241	0.390654053	-2.25715822	1.64992516
		ENSORLG000000005019	slc43a2b	large neutral amino acids transporter small subunit 4 [Source:NCBI gene:Acc:101131293]	5.444736743	1.324467199	-3.324295467	0.796458917
		ENSORLG000000012366	stom	stromatin [Source:ZFIN:Acc:ZDB-GENE-980526-486]	4.13784441	2.174322048	-0.359870854	1.604136218
		ENSORLG000000004500	cpm5	phosphoglucosyltransferase 5 [Source:ZFIN:Acc:ZDB-GENE-06503-838]	4.533151848	1.873184961	-1.512590158	1.147862059
		ENSORLG000000002882	slc12a1	solute carrier family 12 (sodium/potassium/chloride transporter), member 1 [Source:ZFIN:Acc:ZDB-GENE-080130-31]	4.923709544	-7.438820311	-4.428561328	7.936477616
		ENSORLG000000009017	ENPP7	ectonucleotide pyrophosphatase/phosphodiesterase family member 7 [Source:NCBI gene:Acc:101173488]	7.693288325	-1.329668306	-4.847301523	4.176136128
		ENSORLG000000016750	slch73-21k16.5	slch73-21k16.5 [Source:ZFIN:Acc:ZDB-GENE-030131-8374]	3.511907667	0.920894901	0.066446466	2.653767984
		ENSORLG000000001847	coro2ba	coronin 2B [Source:NCBI gene:Acc:101167857]	3.824748954	2.544391415	0.771307489	2.052147926
		ENSORLG000000008993	qtz2bb	protein tyrosine kinase 2 beta, b [Source:ZFIN:Acc:ZDB-GENE-020607-1]	5.181390032	1.603885143	-1.932938078	1.645051834
		ENSORLG000000001768	-	-	6.630526034	1.734563153	-1.641200434	3.25231724
		ENSORLG000000002336	tgfb2l	transforming growth factor, beta 2, like [Source:ZFIN:Acc:ZDB-GENE-130425-2]	6.607878217	3.027119631	-1.371435505	2.209813454
		ENSORLG000000013450	foxo3	Oryzias latipes forkhead box O3 (foxo3), mRNA [Source:RefSeq mRNA:Acc:NM_001160465]	3.878185765	1.719345552	-1.963988721	0.195356635
		ENSORLG000000008849	waf3b	WAF protein family, member 3b [Source:ZFIN:Acc:ZDB-GENE-070132-1512]	3.706424284	1.825344558	0.379745071	2.261310274
		ENSORLG000000006686	cyp24a1	cytochrome P450, family 24, subfamily A, polypeptide 1 [Source:ZFIN:Acc:ZDB-GENE-060825-1]	3.358308331	1.401657138	-2.116289762	-0.159151466
		ENSORLG00000007988	cpe	carboxypeptidase E [Source:ZFIN:Acc:ZDB-GENE-090313-68]	4.844299229	1.623737065	-2.289751318	0.931294348
		ENSORLG00000000881	acta1	Oryzias latipes actin, alpha 1, skeletal muscle (acta1), mRNA [Source:RefSeq mRNA:Acc:NM_001104806]	5.927846049	-0.472017521	-6.687832166	-0.287483837
		ENSORLG000000014469	-	-	4.053764278	1.863311968	-0.238038448	1.95289908
		ENSORLG000000005839	hspla12b	heat shock protein 12B [Source:ZFIN:Acc:ZDB-GENE-070226-1]	3.420061084	1.868953732	-0.2403735348	-0.492143102
		ENSORLG00000000783	col27a1b	collagen type XXVII, alpha 1b [Source:ZFIN:Acc:ZDB-GENE-100119-2]	3.529389171	1.285407052	-1.390000986	0.854464895
		ENSORLG000000016380	hnf4a	hepatocyte nuclear factor 4, alpha [Source:ZFIN:Acc:ZDB-GENE-030131-1077]	4.12508924	-1.072393248	-2.538709615	2.659256834
		ENSORLG000000001940	kidr	kinase insert domain receptor like [Source:ZFIN:Acc:ZDB-GENE-000705-1]	5.212538862	2.659379731	-2.51404854	0.039597895
		ENSORLG00000017125	dega	desmoplakin [Source:NCBI gene:Acc:101185763]	3.011343555	1.784934991	-0.272695687	1.004198188
		ENSORLG000000009758	tnem173	transmembrane protein 173 [Source:ZFIN:Acc:ZDB-GENE-120921-1]	3.083920659	1.072227199	-2.420324146	-0.408145039
		ENSORLG000000008504	infst103	tumor necrosis factor (ligand) superfamily, member 10 like 3 [Source:ZFIN:Acc:ZDB-GENE-070908-1]	4.327372937	1.287629612	-0.162202039	2.878025745
		ENSORLG000000017407	foxa2	Oryzias latipes Me-HNF3b protein (foxa2), mRNA [Source:RefSeq mRNA:Acc:NM_001104692]	6.581337347	0.555006044	-3.467906299	2.559006202
		ENSORLG00000005897	dkc1b	docking protein 1b [Source:ZFIN:Acc:ZDB-GENE-040426-20631]	4.545913678	1.732577218	-1.229216131	1.593606764
		ENSORLG000000014515	-	dimethylamine monoxygenase [N-oxide-forming] 5 [Source:NCBI gene:Acc:101173293]	4.093732431	1.503559666	-0.932807675	1.657849914
		ENSORLG000000008870	anka11	annexin mx4 [Source:NCBI gene:Acc:100049456]	4.229902906	1.825711191	-0.610568155	1.794108604
		ENSORLG000000013881	foxl1	forkhead box L1 [Source:ZFIN:Acc:ZDB-GENE-040426-1181]	6.247669972	0.438893388	-3.352793304	2.456471901
		ENSORLG000000003956	smad9	SMAD family member 9 [Source:ZFIN:Acc:ZDB-GENE-031014-11]	3.073149788	0.267152494	-1.008451423	1.798030386
		ENSORLG00000017858	-	-	3.286767688	0.167592592	-2.667097986	0.452652207
		ENSORLG000000003538	-	-	4.541647291	1.608993023	-3.526953999	-0.359759999
		ENSORLG000000010269	tnem88a	transmembrane protein 88 [Source:NCBI gene:Acc:101159459]	4.709375791	1.996282353	-2.371180608	0.342397901
		ENSORLG000000004966	ADAMTS5	ADAM metalloproteinase with thrombospondin type 1 motif 5 [Source:HGNC Symbol:Acc:HGNC:2211]	3.099857369	2.341918916	-2.048055951	-1.289633266
		ENSORLG000000005788	VAV3	vav guanine nucleotide exchange factor 3 [Source:HGNC Symbol:Acc:HGNC:12659]	4.110978885	0.572665321	-0.692669023	2.846131286
		ENSORLG000000013277	tgfr2	fibroblast growth factor receptor 2 [Source:ZFIN:Acc:ZDB-GENE-030323-1]	3.746678564	1.660036435	-2.0960608	-0.0089338
		ENSORLG000000003949	skb	v-src avian sarcoma viral oncogene homolog b [Source:ZFIN:Acc:ZDB-GENE-090715-10]	4.053875151	1.140676757	-1.997598383	0.916174417
		ENSORLG000000015508	HAND1	heart and neural crest derivatives expressed 1 [Source:HGNC Symbol:Acc:HGNC:4807]	7.582275021	1.707664977	-4.165770149	1.709320815
		ENSORLG000000009785	srivkey-15102	-	3.844381544	1.791787227	-0.547774311	1.505304981
		ENSORLG000000016245	-	-	4.61852206	2.371342159	-0.523444845	1.7242035
		ENSORLG000000016848	-	-	4.851985565	0.279102756	-3.309179482	1.264188403
		ENSORLG000000010315	tpar4	tyrosylphosphatidic acid receptor 4 [Source:ZFIN:Acc:ZDB-GENE-120201-1]	3.130622088	1.452022582	-1.747312841	-0.068229606
		ENSORLG000000017235	slch211-234h.7	slch211-234h.7 [Source:ZFIN:Acc:ZDB-GENE-061009-16]	3.586371054	-1.341567501	-1.273555287	0.364870223

ENSRLOG00000017851	gpr143	G protein-coupled receptor 143 [Source:ZFIN,Acc:ZDB-GENE-040426-1476]	3.873329835	0.591496324	-0.956412626	2.325905734
ENSRLOG00000017849	ASB9	ankyrin repeat and SOCS box containing 9 [Source:HGNC Symbol,Acc:HGNC:17184]	17.05404081	11.21400334	-3.461396282	2.379109007
ENSRLOG00000004591	ndrip2	Nesf4 family interacting protein 2 [Source:ZFIN,Acc:ZDB-GENE-040426-2662]	4.103084166	1.151113393	-0.239565621	2.712901346
ENSRLOG00000006983	hbeqf8	heparin-binding EGF-like growth factor A [Source:ZFIN,Acc:ZDB-GENE-080204-119]	3.129560208	2.134782058	0.467854337	1.463063085
ENSRLOG00000013840	si.ch211-1a19	consulin [Source:NCBI gene,Acc:101170010]	5.07601771	2.83845805	-0.644483354	1.543678754
ENSRLOG00000010146	edtic1	evxinon-1c [Source:NCBI gene,Acc:101189374]	4.025150541	1.80380992	-0.9450123	1.274793374
ENSRLOG00000008809	anxa4	Oryzias latipes annexin A4 (anxa4), mRNA [Source:RefSeq mRNA,Acc:NM_00104824]	4.175848293	1.373928923	-0.229704098	2.572700166
ENSRLOG00000016533	-	-	6.228068823	3.766637171	-2.896911422	-0.436993573
ENSRLOG00000006703	irf3	interferon regulatory factor 3 [Source:ZFIN,Acc:ZDB-GENE-071120-7]	4.862285038	1.761318364	-1.192592774	1.908860348
ENSRLOG00000013754	-	-	15.68443168	12.88815342	-2.1767173	0.620027831
ENSRLOG00000013171	LPIN2 (1 of 2)	lipin 2 [Source:HGNC Symbol,Acc:HGNC:14450]	4.809176033	1.74046019	-1.874749715	1.230307262
ENSRLOG00000015032	cebpb	CCAAT/enhancer-binding protein beta [Source:NCBI gene,Acc:101135601]	5.232046071	1.018395264	-3.380420204	0.833705597
ENSRLOG00000013738	-	-	6.337899116	3.470281704	-2.283467392	0.584630172
ENSRLOG00000014408	cpz	carboxypeptidase Z [Source:ZFIN,Acc:ZDB-GENE-090313-267]	4.476673972	1.115059134	-2.09531591	1.266727993
ENSRLOG00000005983	si.ch73-1609	si.ch73-1609.1 [Source:ZFIN,Acc:ZDB-GENE-141212-254]	5.10918839	2.66778111	-1.902447004	0.539441634
ENSRLOG00000006489	zbtb32	zinc finger and BTB domain containing 32 [Source:ZFIN,Acc:ZDB-GENE-131121-166]	4.388899191	2.079185954	-1.859866046	0.447336328
ENSRLOG00000010176	ap3a3	aquaporin-3 [Source:NCBI gene,Acc:101163089]	4.258821838	2.02369902	-1.461336299	0.771270648
ENSRLOG00000017404	-	-	5.15902212	0.915845692	-2.113267408	2.130294176
ENSRLOG00000000128	SLC5A9	solute carrier family 5 member 9 [Source:HGNC Symbol,Acc:HGNC:22146]	4.854237171	0.276457814	-3.112823935	1.465432229
ENSRLOG00000010062	mef2zb	myocyte enhancer factor 2cb [Source:ZFIN,Acc:ZDB-GENE-040903-7]	3.768594967	2.161966814	-0.264395254	1.342718517
ENSRLOG00000008926	antir1b	anthrax toxin receptor 1b [Source:ZFIN,Acc:ZDB-GENE-091204-21]	3.425506804	0.26934078	-4.037231018	-0.98058035
ENSRLOG00000013146	lrrc17	leucine rich repeat containing 17 [Source:ZFIN,Acc:ZDB-GENE-030131-9774]	3.935430661	1.65953643	-0.454197267	1.822180985
ENSRLOG000000050210	gb	hemoglobin embryonic subunit alpha-like [Source:NCBI gene,Acc:101174505]	6.637479633	0.700020365	-3.522065273	2.415938999
ENSRLOG00000016206	mra6b	matrix-remodeling associated 5b [Source:ZFIN,Acc:ZDB-GENE-081104-119]	3.754660707	0.812539722	-0.98117395	1.960883026
ENSRLOG00000006889	nfn5	netrin 5 [Source:ZFIN,Acc:ZDB-GENE-130530-533]	4.05516983	-0.782957633	-3.509598346	1.332027688
ENSRLOG00000000965	cpz2	carboxypeptidase Z2 [Source:NCBI gene,Acc:101193188]	4.94326798	1.701167593	-4.121173004	-0.978794311
ENSRLOG00000004769	perp	PERP, TP53 apoptosis effector [Source:NCBI gene,Acc:101162224]	4.256952546	1.374318729	-1.129372356	1.753746472
ENSRLOG00000009068	arpc1b	actin related protein 2/3 complex, subunit 1b [Source:ZFIN,Acc:ZDB-GENE-030131-7414]	4.943312734	2.733611327	-1.65167949	0.558506886
ENSRLOG00000010461	hfc	transcription factor EC [Source:NCBI gene,Acc:101167503]	3.266460849	0.509702697	-2.703389938	0.053874593
ENSRLOG00000017386	-	-	3.927372832	0.396452968	-2.448333799	1.083070772
ENSRLOG00000006298	mat2ab	methionine adenosyltransferase II, alpha b [Source:ZFIN,Acc:ZDB-GENE-050327-61]	3.020622658	1.878268271	0.351648963	1.494488169
ENSRLOG00000011256	ca4a	carbonic anhydrase IV a [Source:ZFIN,Acc:ZDB-GENE-080204-85]	6.967139652	1.014603219	-6.493204638	-0.540129242
ENSRLOG00000011492	ca8	carbonic dehydratase 8 [Source:ZFIN,Acc:ZDB-GENE-001030-3]	3.672979382	1.294498719	-1.102568038	1.276444708
ENSRLOG00000010725	slpr5a	slingshotase-1 phosphatase 5a [Source:ZFIN,Acc:ZDB-GENE-041114-188]	6.988393071	1.031327335	-3.449379079	2.211298868
ENSRLOG00000015375	slpr5a	slingshotase-1 phosphatase 5a [Source:ZFIN,Acc:ZDB-GENE-041114-188]	3.124550957	2.088216831	-1.466307149	-0.429538295
ENSRLOG00000010118	-	-	3.997589044	1.955803261	-1.988841938	0.065648214
ENSRLOG00000008319	aldh1a2	aldehyde dehydrogenase 1 family, member A2 [Source:ZFIN,Acc:ZDB-GENE-011010-3]	5.067048294	2.01630605	-1.562017530	1.489154634
ENSRLOG00000006756	tmem56a	transmembrane protein 56a [Source:ZFIN,Acc:ZDB-GENE-094012-1]	4.504708678	1.163583809	-1.430847066	1.910762416
ENSRLOG00000012284	fhag	Rh associated glycoprotein [Source:ZFIN,Acc:ZDB-GENE-030131-8229]	5.622492143	-0.270062113	-3.930590172	1.962448586
ENSRLOG00000006989	CCAR	cholesterol kinase A receptor [Source:HGNC Symbol,Acc:HGNC:1570]	7.262951458	2.796792571	-2.614253649	1.852396796
ENSRLOG00000018138	tmem206	transmembrane protein 206 [Source:NCBI gene,Acc:101157902]	4.006231721	1.832545402	-0.524796094	1.649375554
ENSRLOG00000010199	-	-	3.603453364	1.841464189	-0.28008167	1.734465973
ENSRLOG00000014802	si.dkey-183n2	si.dkey-183n2.15 [Source:ZFIN,Acc:ZDB-GENE-041001-160]	6.337020533	1.046020807	-2.69261359	2.5988701
ENSRLOG00000014201	samen1a	SAM domain, SH3 domain and nuclear localisation signals 1a [Source:ZFIN,Acc:ZDB-GENE-030131-8639]	4.981287462	1.984012529	-2.232470147	0.765289984
ENSRLOG00000016804	tenp	tenn binding protein [Source:NCBI gene,Acc:101157902]	3.823663271	0.394748929	-1.714273381	1.715618367
ENSRLOG00000000311	-	-	5.915229207	2.419171428	-1.25899917	2.224748246
ENSRLOG00000002008	sgoa1	suppressor of glucose, autophagy associated 1 [Source:ZFIN,Acc:ZDB-GENE-090313-188]	3.680745216	0.180792558	-1.502734166	1.99770281
ENSRLOG00000013782	frzb	frazzled related protein [Source:ZFIN,Acc:ZDB-GENE-990715-11]	3.066600418	2.331430377	-1.177273237	-0.441618255
ENSRLOG00000004031	MYOF	myofibrin [Source:HGNC Symbol,Acc:HGNC:3656]	3.715608193	1.524094934	-1.282370038	0.909628076
ENSRLOG00000008512	hao2	hydroxyacid oxidase 2 (long chain) [Source:ZFIN,Acc:ZDB-GENE-040426-1239]	7.288125433	1.336203432	-2.982338804	2.970085771
ENSRLOG00000010350	ker5	intermediate filament protein QN3 [Source:NCBI gene,Acc:101167707]	5.052849942	0.055527141	-2.567325756	2.43048181
ENSRLOG00000015958	mhm1	muscleblind-like splicing regulator 1 [Source:ZFIN,Acc:ZDB-GENE-060929-704]	3.896112438	1.443381687	-1.722568228	0.732647339
ENSRLOG00000014634	et8aa1	5T8 alpha-N-acetyl-neuraminidase alpha-2B-sialyltransferase 1 [Source:ZFIN,Acc:ZDB-GENE-051005-1]	3.252700713	1.552043154	-1.221824493	0.479319562
ENSRLOG00000016551	zpc158846	zpc158846 [Source:ZFIN,Acc:ZDB-GENE-070209-50]	4.459724259	-0.364777084	-2.587248984	2.237738169
ENSRLOG00000017369	-	-	4.527617215	2.38894653	0.5647763	2.198686957
ENSRLOG00000017036	-	-	7.13747335	0.346745587	-5.547586123	1.243628743
ENSRLOG00000016665	ofml2ba	olfactomedin like 2Ba [Source:ZFIN,Acc:ZDB-GENE-041014-329]	5.660088781	1.238954915	-1.642153884	2.779469091
ENSRLOG00000003275	-	-	3.520694774	0.505426434	-0.09198988	2.923762257
ENSRLOG00000015087	si.dkey-109a1	si.dkey-109a1 [LOC101172797] [Source:NCBI gene,Acc:101172797]	3.515183331	0.6892272	-1.491658411	1.334782475
ENSRLOG00000013086	scube3	signal peptide, CUB domain, EGF-like 3 [Source:ZFIN,Acc:ZDB-GENE-060717-1]	3.590501376	1.428395941	-2.231078523	-0.066488077
ENSRLOG00000006317	-	-	6.420429115	3.11018277	-0.616331361	2.694022527
ENSRLOG000000002372	si.ch211-93g2	putative methyltransferase DDB_G0268948 [Source:NCBI gene,Acc:101159172]	4.654053188	-0.057097945	-4.011667085	0.694968369
ENSRLOG00000000985	slco2a1	solute carrier organic anion transporter family, member 2A1 [Source:ZFIN,Acc:ZDB-GENE-060606-3]	3.869148834	1.739782387	-3.042213249	-0.912359547
ENSRLOG00000002431	-	-	7.237331334	2.814664365	-3.036516299	1.386632423
ENSRLOG00000012361	ALPK1	alpha kinase 1 [Source:HGNC Symbol,Acc:HGNC:20917]	4.308323865	1.613819637	-1.419315444	1.271614448
ENSRLOG00000008976	esrp1	epithelial splicing regulatory protein 1 [Source:ZFIN,Acc:ZDB-GENE-070112-1732]	3.388034523	-0.025852932	-1.428944762	1.985428414
ENSRLOG000000003862	fn1b	fibrinectin 1b [Source:ZFIN,Acc:ZDB-GENE-030131-6543]	4.865386579	0.413072311	-3.893585518	0.559213809
ENSRLOG00000005829	col5a3a	collagen, type V, alpha 3a [Source:ZFIN,Acc:ZDB-GENE-030131-968]	4.735875385	2.316642635	-0.853533886	1.566180547
ENSRLOG00000012093	lcl1	four pointed box 1 [Source:NCBI gene,Acc:101170899]	3.071348576	1.435994891	-0.835822212	0.800016621
ENSRLOG00000006439	mx4	MAX dimerization protein 4 [Source:ZFIN,Acc:ZDB-GENE-050208-44]	5.061537794	2.261716314	-0.389394067	2.410911379

ENSORLG00000014162	wwa11	von Willebrand factor A domain containing 11 [Source:ZFIN;Acc:ZDB-GENE-141211-58]	3.91860014	-0.28269577	-1.994112198	2.207658221
ENSORLG00000006426	zpcr171592	zpcr171592 [Source:ZFIN;Acc:ZDB-GENE-080220-23]	7.708085021	2.388088241	-8.059898966	-2.739412255
ENSORLG00000017121	dhv3b	dehydrogenase/reductase 3 [Source:NCBI;Gene:Acc:101159580]	3.619859359	2.21909411	-1.946774347	-0.545439796
ENSORLG00000016942	qchfr	GTP cyclohydrolase 1 feedback regulator [Source:ZFIN;Acc:ZDB-GENE-040426-1731]	5.03882981	2.912160681	-1.545191041	0.581956738
ENSORLG00000008012	zgc:101583	magnesium transporter NIPAZ [Source:NCBI;Gene:Acc:101155561]	3.313070875	2.070672086	0.909596384	2.152479609
ENSORLG00000010100	baq2	BCL2 associated athanogene 2 [Source:NCBI;Gene:Acc:101155139]	4.024853672	2.681279587	0.349353808	1.693412962
ENSORLG00000005621	-	DEF6, guanine nucleotide exchange factor [Source:NCBI;Gene:Acc:101162599]	4.667573791	1.815645853	-0.280007646	2.572405174
ENSORLG00000006652	def6a	Ras association (RalGDS/AF-6) domain family member 2a [Source:ZFIN;Acc:ZDB-GENE-040912-124]	3.592670766	2.281792606	0.360248311	1.671611874
ENSORLG00000002844	rasf2a	-	4.490494489	1.990262742	-0.189423475	2.311292906
ENSORLG00000002501	-	-	5.903923266	0.508623717	-6.068582356	-0.610799074
ENSORLG00000016428	-	bile salt -activated lipase-like [Source:NCBI;Gene:Acc:101174676]	6.183049761	1.57612217	-4.810948029	-0.203536051
ENSORLG00000006281	ack2	phosphoenolpyruvate carboxykinase 2, mitochondrial [Source:NCBI;Gene:Acc:101158145]	3.265679773	0.092162479	-2.768800011	0.405202106
ENSORLG00000007902	hoac12a	homeobox protein Hox-C12a [Source:NCBI;Gene:Acc:101170268]	3.866480597	0.075003798	-4.468793712	-0.676830569
ENSORLG00000007495	ERMP1	endoplasmic reticulum metalloproteinase 1 [Source:HGNC;Symbol:HGNC:23703]	4.096468942	1.517729029	-1.406617832	1.172606345
ENSORLG00000004256	emp1	epithelial membrane protein 1 [Source:ZFIN;Acc:ZDB-GENE-070822-2]	3.549150919	2.020821594	-0.941595418	0.587218887
ENSORLG00000016624	-	-	5.549173265	3.095530288	-1.875605084	0.578552027
ENSORLG00000003247	foxd1	Oryzias latipes forkhead box D1 (foxd1), mRNA [Source:RefSeq; mRNA:Acc:NM_001160452]	15.69788521	10.28146644	-5.462715463	-0.045834351
ENSORLG00000004356	si:ch211-276f1	glucose-fructose oxidoreductase domain-containing protein 1 [Source:NCBI;Gene:Acc:101174141]	4.107160357	1.606588688	-0.966569281	1.534217622
ENSORLG00000017006	-	-	5.348600883	2.417790088	-2.548601988	0.382893589
ENSORLG00000016373	twist3	Oryzias latipes twist-related protein 2-like (LOC101185973), mRNA [Source:RefSeq; mRNA:Acc:NM_001390012]	5.648500059	-2.4557753	-4.61393852	3.490829865
ENSORLG00000011921	-	-	3.719669037	1.766696827	-0.365568847	1.587888363
ENSORLG00000010556	ctnn2	catenin 2 [Source:ZFIN;Acc:ZDB-GENE-390630-121]	5.645665104	1.807491533	-0.9293337	3.109303498
ENSORLG00000016995	-	-	3.915101951	1.19599539	-0.415917519	2.405911726
ENSORLG00000001490	spny4	sprouty homolog 4 (Drosophila) [Source:ZFIN;Acc:ZDB-GENE-010603-2]	7.520409181	4.487721519	-1.204327249	1.828850574
ENSORLG00000016581	esrb	estrogen-related receptor beta [Source:ZFIN;Acc:ZDB-GENE-040616-2]	17.11569639	10.55897549	-2.477456588	4.87973655
ENSORLG00000014146	ENTPD2	ectonucleoside triphosphate diphosphohydrolase 2 [Source:HGNC;Symbol:HGNC:3364]	4.345379155	1.132135707	-0.343418987	2.870310874
ENSORLG00000015532	pkdccb	protein kinase domain containing, cytoplasmic b [Source:ZFIN;Acc:ZDB-GENE-130530-599]	3.799533712	1.841383388	-2.412930836	-0.454295585
ENSORLG00000016908	GREM1 (1 of 2)	gremlin 1, DAN family BMP antagonist [Source:HGNC;Symbol:HGNC:2001]	4.058075985	2.026219677	-2.767304688	-0.734963767
ENSORLG00000016585	-	-	3.548072816	1.923896017	-0.537880601	1.086780957
ENSORLG00000001278	plekha7a	pleckstrin homology domain containing, family A member 7a [Source:ZFIN;Acc:ZDB-GENE-050419-75]	3.806614855	1.177390926	-1.198779787	1.430929891
ENSORLG00000013479	lrm94tb	FERM domain containing 4B [Source:ZFIN;Acc:ZDB-GENE-100921-74]	3.226525646	0.737933796	-1.499470634	0.989660529
ENSORLG00000020213	cdm	claudin 1 [Source:ZFIN;Acc:ZDB-GENE-010328-9]	7.015868657	1.73555818	-5.86301023	-0.587199188
ENSORLG00000020296	FBIN1 (1 of 2)	fibulin 1 [Source:HGNC;Symbol:HGNC:3600]	3.97399029	0.532417758	-4.06236771	-0.564310697
ENSORLG00000004781	tns1b	tensin 1b [Source:ZFIN;Acc:ZDB-GENE-030131-6933]	4.121745436	1.1711767432	-1.25068842	1.169974935
ENSORLG00000011664	mfp5	myofibrillar-associated protein 2 [Source:NCBI;Gene:Acc:101167732]	3.656705943	2.841362638	-1.397249606	-0.581376241
ENSORLG00000002810	-	-	5.355331967	0.58335906	-0.665490873	4.106966986
ENSORLG00000016589	laah	fatty acid amide hydrolase [Source:ZFIN;Acc:ZDB-GENE-070919-3]	4.458460765	0.106321514	-2.822313567	1.530310612
ENSORLG00000001873	TENT5A	terminal nucleotidyltransferase 5A [Source:NCBI;Gene:Acc:101158475]	5.106858282	1.593478514	-1.096527315	2.417338948
ENSORLG000000018182	-	-	4.315257347	1.342308514	-1.267759633	1.705675075
ENSORLG000000013889	-	-	3.537527611	2.122246621	-0.995291761	0.420474323
ENSORLG000000013582	-	-	7.49858101	1.546688853	-6.370825912	-0.418501767
ENSORLG000000011150	bbox1	butyrobetaine (gamma)-2-oxoglutarate dioxygenase (gamma-butyrobetaine hydroxylase) 1 [Source:ZFIN;Acc:ZDB-GENE-050417-218]	3.95894118	0.473794345	-2.133534362	1.352097243
ENSORLG00000006259	mmp1a	multiple inactivator-polyphosphate phosphatase 1a [Source:ZFIN;Acc:ZDB-GENE-060929-1184]	4.601551324	0.036756316	-2.800747317	1.764532928
ENSORLG00000009808	-	-	3.146576836	1.589148917	0.021613047	1.579546545
ENSORLG000000012182	slc9a3r1b	solute carrier family 9, subfamily A (NHE3, cation proton antiporter 3), member 3 regulator 1b [Source:ZFIN;Acc:ZDB-GENE-170530-6]	4.95095284	1.828955966	-1.884271731	1.237851401
ENSORLG00000000487	rs8b3a	RPS8-like 3a [Source:ZFIN;Acc:ZDB-GENE-091204-460]	4.30057218	-1.093588391	-3.29049925	2.104145208
ENSORLG00000011646	RASA2	RAS p21 protein activator 2 [Source:HGNC;Symbol:HGNC:8872]	3.957335298	1.945109624	0.44797963	2.460688201
ENSORLG000000013413	pip5k1ba	phosphatidylinositol-4-phosphate 5-kinase, type 1, beta 1 [Source:ZFIN;Acc:ZDB-GENE-041010-81]	3.56756648	0.965348733	-2.055052622	0.547649761
ENSORLG000000016352	si:dkcy-256h2	si:dkcy-256h2.1 [Source:ZFIN;Acc:ZDB-GENE-030131-8466]	3.720947538	1.270973574	-0.385250218	2.06520835
ENSORLG000000010191	nr2f1a	nuclear receptor subfamily 2, group F, member 1a [Source:ZFIN;Acc:ZDB-GENE-380526-115]	3.127875621	2.437544602	-1.69353355	-1.002717956
ENSORLG00000002303	-	-	16.6994368	10.96260686	-3.872653777	1.86515079
ENSORLG000000008785	-	-	5.033893979	3.494041892	-0.464489286	1075849704
ENSORLG000000010290	cpolce	procollagen C-endopeptidase enhancer A [Source:ZFIN;Acc:ZDB-GENE-041014-370]	4.604069371	1.623797028	-4.148510213	-1.167752824
ENSORLG00000004584	-	-	15.9482835	10.85596635	-0.532296748	4.567033612
ENSORLG000000013935	-	-	4.126359829	1.750004317	-1.105729649	1.271110006
ENSORLG00000000944	mf2	ring finger protein, transmembrane 2 [Source:NCBI;Gene:Acc:101163823]	3.790827296	1.226771136	-0.415882515	2.148659736
ENSORLG000000018185	lox3b	lysoyl oxidase-like 3b [Source:ZFIN;Acc:ZDB-GENE-030131-8240]	4.169735585	1.293556838	-1.407128082	1.469536156
ENSORLG00000011244	ank1b	ankyrin 1, erythrocytic b [Source:ZFIN;Acc:ZDB-GENE-091113-6]	5.531184224	-7.573896238	-9.015517352	4.090068833
ENSORLG00000004681	ARHGAP6	Rho GTPase activating protein 6 [Source:HGNC;Symbol:HGNC:876]	4.209268382	1.785237908	-2.417337473	0.007177996
ENSORLG000000010798	-	-	4.79617438	-0.796882442	-2.817601456	2.77993275
ENSORLG000000010562	-	-	3.984543836	0.323846136	-3.833988617	-0.172786624
ENSORLG000000014343	d3	inhibitor of DNA binding 3, HLH protein [Source:NCBI;Gene:Acc:101164112]	3.976392992	2.26382511	-2.65968391	-0.946630981
ENSORLG000000009810	efna1b (1 of 2)	efnalin A1 [Source:NCBI;Gene:Acc:101169993]	5.033159163	1.281535299	-1.467096682	2.285012117
ENSORLG000000007386	mat1a	S-adenosylmethionine synthase [Source:NCBI;Gene:Acc:101160342]	4.670252527	0.710464837	-2.816481352	1.143794536
ENSORLG000000013755	ctfb	core-binding factor, beta subunit [Source:ZFIN;Acc:ZDB-GENE-360526-440]	5.042678982	2.688174065	-1.888334753	0.466655685
ENSORLG000000003871	-	-	3.258842431	2.202145892	0.168576713	1.225758305
ENSORLG00000002101	AFAP11 (1 of 2)	actin filament associated protein 1 like 1 [Source:HGNC;Symbol:HGNC:2674]	3.693083617	2.637037366	1.301984095	2.358514691
ENSORLG000000005650	ca6	carbonic anhydrase VI [Source:ZFIN;Acc:ZDB-GENE-030131-7091]	4.570691179	1.130642056	-2.814951003	0.625582384
ENSORLG000000007828	si:ch211-137f2	si:ch211-137f2.10 [Source:ZFIN;Acc:ZDB-GENE-060526-34]	4.881587993	2.105409658	-0.973278691	1.803384571

ENSORLG00000017598	pkra	protein kinase, interferon-inducible double stranded RNA dependent activator [Source:ZFIN;Acc:ZDB-GENE-050309-206]	6.21392501	3.96875078	-1.179326341	1.06633531
ENSORLG00000017476	l1pr4	sphingosine-1-phosphate receptor 4 [Source:ZFIN;Acc:ZDB-GENE-050506-8]	16.44791233	11.98262287	-2.829714404	1.636041645
ENSORLG00000017066	slpl	alkaline phosphatase, liver/kidney [Source:ZFIN;Acc:ZDB-GENE-040420-1]	4.213965882	1.999016507	-0.682677222	1.532757013
ENSORLG00000015714	tagln	transgelin [Source:NCBI;gene:Acc:101169057]	4.196157138	2.974096245	-1.02940372	0.195142175
ENSORLG00000008671	st3gal5	ST3 beta-galactoside alpha 2-3-sialyltransferase 5 [Source:ZFIN;Acc:ZDB-GENE-060322-1]	3.120264914	1.460635413	-0.561239442	1.098875167
ENSORLG00000016685	-	-	3.915094536	2.000296282	-1.268851106	0.646432938
ENSORLG00000007837	nr1d4a	nuclear receptor subfamily 1, group D, member 4a [Source:ZFIN;Acc:ZDB-GENE-080403-3]	3.805115883	1.370501622	-0.289966942	2.145133267
ENSORLG00000000416	-	-	3.334449927	1.194794254	0.198780018	2.113688569
ENSORLG00000001080	xch	xanthine dehydrogenase [Source:ZFIN;Acc:ZDB-GENE-070719-9]	5.58024666	-1.387756817	-3.53933416	3.429154948
ENSORLG00000006880	ctprh	protein tyrosine phosphatase, receptor type, h [Source:ZFIN;Acc:ZDB-GENE-091118-90]	4.09391453	0.186736046	-1.919522591	1.988140508
ENSORLG00000014439	CEL	bile salt-activated lipase [Source:NCBI;gene:Acc:101172670]	6.104418832	1.656949649	-4.898853562	-0.450899506
ENSORLG00000007800	-	-	4.004159582	1.03992458	-0.994478011	1.970293493
ENSORLG00000003253	gstm	glutathione S-transferase (L-arginine:glycine amidinotransferase) [Source:ZFIN;Acc:ZDB-GENE-021015-1]	6.738761245	2.773884501	-4.275748792	-0.310386403
ENSORLG00000002221	-	-	4.40685237	0.497223245	-1.149088289	2.761025819
ENSORLG00000003797	MPP1E1	metallophosphoesterase 1 [Source:HGNC;Symbol:Acc:HGNC:15988]	5.007638366	-11.39973721	-1.798549488	14.60933344
ENSORLG00000016604	si:dkey-30e9.7	si:dkey-30e9.7 [Source:ZFIN;Acc:ZDB-GENE-131121-540]	3.517326638	1.295490351	0.304638663	2.526961252
ENSORLG00000011353	snrb	spectrin, beta, erythrocytic [Source:ZFIN;Acc:ZDB-GENE-000906-1]	6.115783608	2.384753811	-1.413347836	2.318170103
ENSORLG00000001820	rsal3	RAS protein activator like 3 [Source:ZFIN;Acc:ZDB-GENE-101130-3]	4.286408649	0.665601314	-3.150682249	0.470609666
ENSORLG00000011535	pcdh12	protocadherin 12 [Source:ZFIN;Acc:ZDB-GENE-140106-128]	4.248327786	2.191884264	-1.208072835	0.848855477
ENSORLG00000012606	tap2t	transporter associated with antigen processing, subunit type 1, telost specific [Source:ZFIN;Acc:ZDB-GENE-130531-48]	3.728650359	1.986119911	0.120334803	1.863350309
ENSORLG00000007617	-	-	6.241978563	3.585374976	-2.665440719	-0.008368212
ENSORLG00000015802	tmoxd4	tropomodulin 4 [Source:NCBI;gene:Acc:101166163]	3.722794587	0.51787778	-3.104010978	0.101389848
ENSORLG00000013113	si:dkey-65d13.3	si:dkey-65d13.3 [Source:ZFIN;Acc:ZDB-GENE-141216-308]	5.607517829	2.187721585	-2.388429035	1.031855245
ENSORLG00000009479	mafba	v-maf avian musculoaponeurotic fibrosarcoma oncogene homolog Ba [Source:ZFIN;Acc:ZDB-GENE-980576-516]	3.703272786	1.164656603	-2.42044637	0.118654617
ENSORLG00000016537	aldh8a1	aldehyde dehydrogenase 8 family member A1 [Source:NCBI;gene:Acc:101173520]	5.9530506	-0.181846478	-3.721487203	2.413894887
ENSORLG00000003322	-	-	3.694290736	0.149933356	-2.364183949	1.180658157
ENSORLG00000014464	-	bile salt-activated lipase [Source:NCBI;gene:Acc:101172916]	5.837388568	-0.3290286	-4.574438022	1.592463914
ENSORLG00000000881	-	-	3.516698006	1.335723556	-0.771980407	1.409479348
ENSORLG00000016793	rgs19	regulator of G-protein signaling 17 [Source:NCBI;gene:Acc:1011588610]	4.097104621	0.67683292	-1.576647795	1.844108789
ENSORLG00000003825	dhx58	DXH-box helicase 58 [Source:NCBI;gene:Acc:101162460]	4.379407761	0.939479999	-1.915182082	1.525230606
ENSORLG00000015920	-	-	4.0527815	1.856724688	-0.632521849	1.564207078
ENSORLG0000002044	hxf5	HLH homeobox 5 [Source:NCBI;gene:Acc:101166400]	4.775563745	1.944058583	-0.205297114	2.62669319
ENSORLG00000005151	ZBTB5	zinc finger and BTB domain containing 5 [Source:HGNC;Symbol:Acc:HGNC:23836]	3.227560267	1.340122848	-0.181665492	1.706256625
ENSORLG00000004953	plekha1a	pleckstrin homology domain-containing family A member 1 [Source:NCBI;gene:Acc:101161669]	3.353556362	1.59970243	0.58040543	2.33474464
ENSORLG00000000242	-	-	5.039724605	1.032190982	-1.53373686	2.474244452
ENSORLG000000003915	ptges	prostaglandin G synthase [Source:NCBI;gene:Acc:101162789]	4.356265281	2.194472253	-0.098832491	2.06345429
ENSORLG00000016646	lyco1a	LYC and coiled-coil domain containing 1a [Source:ZFIN;Acc:ZDB-GENE-110411-276]	3.24654922	-0.505999764	-1.861117183	1.891916711
ENSORLG00000001380	sh3bp4	SH3 domain binding protein 4 [Source:NCBI;gene:Acc:101160807]	3.268414831	2.005243947	0.840623319	2.104279157
ENSORLG00000012877	alc25a25b	calcium-binding mitochondrial carrier protein SCAMC-2-B [Source:NCBI;gene:Acc:101157381]	3.640235028	1.470778348	0.060109757	2.230052571
ENSORLG00000000098	zbtb2b	zinc finger E-box binding homeobox 2 [Source:NCBI;gene:Acc:101172786]	3.475486882	1.656039045	-2.248507293	-0.42857485
ENSORLG000000001317	isowahaa	isowahawa ankyrin repeat domain family member Aa [Source:ZFIN;Acc:ZDB-GENE-100910-3]	3.748982655	-0.198219178	-1.633719519	2.319961619
ENSORLG00000012493	gls2a	glutaminase 2a (liver, mitochondrial) [Source:ZFIN;Acc:ZDB-GENE-081105-57]	5.026634129	0.057244988	-15.69319916	-10.72382304
ENSORLG00000004520	hsd11b11a.1	hydroxysteroid 11-beta dehydrogenase 1 like [Source:NCBI;gene:Acc:10049405]	3.782407527	-0.773629506	-2.267139243	2.289381352
ENSORLG00000012382	adcy6a	adenylylate cyclase 6a [Source:ZFIN;Acc:ZDB-GENE-060221-1]	4.122411512	1.211290302	-1.380753651	1.530852951
ENSORLG00000017725	bd10	B cell CLL/lymphoma 10 [Source:ZFIN;Acc:ZDB-GENE-100219-2]	4.386626053	0.881144534	-2.417649513	1.088317512
ENSORLG00000005044	amh	anti-Müllerian hormone [Source:ZFIN;Acc:ZDB-GENE-050706-192]	4.805806138	2.351218842	-1.066811671	1.388226507
ENSORLG00000010779	ghdc2	ghen domain containing 2 [Source:ZFIN;Acc:ZDB-GENE-140106-69]	4.27400437	2.016096952	-2.072621149	0.185807882
ENSORLG00000017717	gdn10b	gdnalin 10 [Source:NCBI;gene:Acc:101166512]	17.2190864	0	-17.2190862	0
ENSORLG00000013173	alc20a1a	solute carrier family 20, member 1a [Source:ZFIN;Acc:ZDB-GENE-040426-2217]	5.7038202654	0.796387606	-5.203026254	-0.295109752
ENSORLG00000013546	dhx7cb	dehydrogenase/reductase (SDR family) member 7Cb [Source:ZFIN;Acc:ZDB-GENE-050522-278]	15.71664694	11.19295236	-1.071570585	3.452590803
ENSORLG00000016148	parp12a	poly (ADP-ribose) polymerase family, member 12a [Source:ZFIN;Acc:ZDB-GENE-050419-6]	3.007652115	-0.080319163	-1.758684271	1.329771926
ENSORLG00000016875	naga	N-acetylgalactosaminidase, alpha [Source:ZFIN;Acc:ZDB-GENE-051113-256]	3.451162327	0.25635924	-2.684800079	0.510487918
ENSORLG00000017488	roc2	amine oxidase, copper containing 2 [Source:ZFIN;Acc:ZDB-GENE-050320-133]	3.485099568	2.102991969	-2.611237768	-1.228645173
ENSORLG00000005491	-	-	4.825183491	2.758348813	0.211252667	2.278572539
ENSORLG00000002242	cypl7a2	Cyp17a2-like steroid 17-alpha-hydroxylase/17,20 lyase-like (cyp17a2) mRNA [Source:RefSeq; mRNA:Acc:NM_00278876]	5.352420955	2.062826538	-0.673941641	2.616137713
ENSORLG00000005620	KLF6	Kruppel like factor 6 [Source:HGNC;Symbol:Acc:HGNC:2233]	3.752229229	1.091604502	-1.81773266	0.843336535
ENSORLG00000003404	cavatb4	carvalbumin beta [Source:NCBI;gene:Acc:101173896]	5.278239454	-1.666534679	-8.22676398	-1.281004433
ENSORLG00000015238	-	-	3.57030767	1.569292988	0.18115419	2.182653658
ENSORLG00000003520	rem2b	Fnrl1 related extracellular matrix protein 2b [Source:ZFIN;Acc:ZDB-GENE-081119-4]	4.063763967	2.407296854	-0.508450745	1.148497995
ENSORLG00000012314	rd1a	rho-related GTP-binding protein Rho6 [Source:NCBI;gene:Acc:101157215]	3.678537651	0.878630013	-0.117521654	2.682871569
ENSORLG00000006338	-	-	3.584410586	2.301298351	0.327168241	1.610765887
ENSORLG00000006095	nr2a	neuronalin 2a [Source:ZFIN;Acc:ZDB-GENE-070615-10]	3.262995363	0.101194232	-2.014186609	1.148166458
ENSORLG00000015818	-	-	3.494518831	-0.447260617	-2.128953474	1.813310859
ENSORLG00000012173	pk2a	pyruvate dehydrogenase kinase, isozyme 2a [Source:ZFIN;Acc:ZDB-GENE-120910-1]	3.261192995	1.090575905	-0.965517164	1.205585321
ENSORLG00000016446	-	-	4.216130222	2.374397472	-2.701410946	-0.859192138

	ENSORLG00000011270	nr1h4	nuclear receptor subfamily 1 group H member 4 [Source:NCBI geneAcc:101166124]	3.95304312	-0.989108477	-1.958875822	2.983721912
	ENSORLG00000015784	canrk2n1a	calcium/calmodulin dependent protein kinase II inhibitor 2 [Source:NCBI geneAcc:101167903]	4.134709315	0.856523722	-1.060573349	2.218098001
	ENSORLG00000009970	CCDC177	coiled-coil domain containing 177 [Source:HGNC Symbol:Acc:HGNC:23243]	3.013512082	0.428332107	-1.385513438	1.200160961
	ENSORLG00000014976	-	-	5.043437161	0.762955855	-2.843280729	1.437686225
	ENSORLG00000005451	egr1	early growth response 1 [Source:ZFIN:Acc.ZDB-GENE-98526-320]	5.305593447	1.43579804	-1.429394737	2.440895565
	ENSORLG00000002566	dic13a2	solute carrier family 13 (sodium-dependent dicarboxylate transporter), member 2 [Source:ZFIN:Acc.ZDB-GENE-040426-2389]	5.210747859	-0.283065823	-3.686251691	1.8004497
	ENSORLG00000016602	-	-	3.599861454	0.915157508	-2.600887915	0.084119462
	ENSORLG00000009627	ntf5c20l	5'-nucleotidase, cytosolic II, like 1 [Source:ZFIN:Acc.ZDB-GENE-031006-8]	7.145605655	1.993365001	-0.831042188	4.321690125
	ENSORLG00000015940	h1b	H1-1 proto-oncogene, ETS transcription factor b [Source:ZFIN:Acc.ZDB-GENE-031114-3]	5.049464749	1.999796795	-2.633591939	0.416561568
	ENSORLG00000013704	ncoa3	nuclear receptor coactivator 3 [Source:ZFIN:Acc.ZDB-GENE-051107-8]	3.493188434	1.47526823	-0.13557476	1.882830321
	ENSORLG00000017833	-	-	5.958987794	1.558075464	-1.487328745	2.914069501
	ENSORLG00000001145	slc22a4	solute carrier family 22 (organic cation/zwitterion transporter), member 4 [Source:ZFIN:Acc.ZDB-GENE-040426-1517]	5.358340598	1.188736562	-1.021130971	3.14895192
	ENSORLG00000004552	-	-	15.7122367	13.18227795	-1.75634884	0.813064246
	ENSORLG00000008610	arhgef3l	Rho guanine nucleotide exchange factor (GEF) 3, like [Source:ZFIN:Acc.ZDB-GENE-050922-85]	4.136291689	1.537635572	-1.670318245	0.928821876
	ENSORLG00000016399	agtb	serine - pyruvate aminotransferase [Source:NCBI geneAcc:101151325]	7.05397491	1.175830319	-2.890616151	2.998027957
	ENSORLG00000017115	-	-	6.48025518	-11.17997749	-3.788529226	13.94271391
	ENSORLG00000016336	-	-	8.248683112	-7.50619986	-7.125387775	-1.384239575
	ENSORLG00000000398	agrp	agouti related neuropeptide [Source:ZFIN:Acc.ZDB-GENE-040817-1]	7.69779008	2.252281674	-6.353136771	0.092776239
	ENSORLG00000001030	MID1IP1	MID1 interacting protein 1 [Source:HGNC Symbol:Acc:HGNC:20715]	3.686464607	1.196786972	-0.667007392	1.823155128
	ENSORLG00000014533	lunba	transcription factor jun-B [Source:NCBI geneAcc:101169770]	4.822666742	0.832788609	-1.702848443	2.287514948
	ENSORLG00000009125	slc5a11	solute carrier family 5 (sodium/inositol cotransporter), member 11 [Source:ZFIN:Acc.ZDB-GENE-041114-9]	7.19197539	-8.620952902	-2.977673091	12.83578397
	ENSORLG00000008562	kcm2nb	lysine O <sup>6</sup> -specific demethylase 2b [Source:ZFIN:Acc.ZDB-GENE-080225-13]	3.528782477	0.936165675	0.228996619	2.820097431
	ENSORLG00000017239	ubt3	ubiquitin protein ligase E3 component n-recogin 3 [Source:ZFIN:Acc.ZDB-GENE-030131-1473]	3.732036611	1.86844782	0.672144738	2.536218959
	ENSORLG00000016099	ptrn	cleistothochin [Source:NCBI geneAcc:101158248]	3.139945877	2.55338896	1.719064016	2.306105941
	ENSORLG00000007121	prkd2	protein kinase D2 [Source:ZFIN:Acc.ZDB-GENE-131120-142]	3.279544789	1.659266855	-0.980083878	6.640678874
	ENSORLG00000017041	HoxB5 (1 of n)	homeobox B5 [Source:HGNC Symbol:Acc:HGNC:5116]	5.17301842	1.58571786	-4.855850005	-1.268072793
	ENSORLG00000014078	kctd7	potassium channel tetramerization domain containing 7 [Source:ZFIN:Acc.ZDB-GENE-060804-2]	3.057735538	1.440134855	0.391143955	2.009228669
	ENSORLG00000003372	-	-	4.788395627	-0.028970113	-2.310594526	2.506946027
	ENSORLG00000000364	-	-	4.616264883	2.19427659	-0.02371913	2.409553671
	ENSORLG00000000913	si:ch73-63a15	si:ch73-63a15.2 [Source:ZFIN:Acc.ZDB-GENE-091204-463]	3.707686556	1.005922387	-1.329098501	1.373150624
	ENSORLG00000014142	wasa	Wiskott-Aldrich syndrome (eczema-thrombocytopenia) a [Source:ZFIN:Acc.ZDB-GENE-081104-419]	4.377873956	1.630186374	-2.798114571	-0.049949869
	ENSORLG00000021762	-	-	4.092921617	0.635831338	-1.270433385	2.187154814
	ENSORLG00000016555	rat3db	RAB3D, member RAS oncogene family, b [Source:ZFIN:Acc.ZDB-GENE-040718-428]	3.022517784	-0.534852847	-2.255807428	1.302049211
	ENSORLG00000018183	cox4i2	cytochrome c oxidase subunit 1 isoform 2, mitochondrial [Source:NCBI geneAcc:101172078]	4.460236894	1.507034993	-2.576218063	0.374688842
	ENSORLG00000005530	-	-	3.26512627	0.954750335	-1.868650565	0.432209866
	ENSORLG00000017013	col1	collagen type I alpha 1 [Source:NCBI geneAcc:10044988]	5.191811628	2.204410913	-3.937964556	-0.950079044
	ENSORLG00000010286	-	-	4.380129006	3.9140523	0.051841684	0.518400077
	ENSORLG00000004326	tyrp1a	tyrosinase-related protein 1a [Source:ZFIN:Acc.ZDB-GENE-070718-2]	4.948163131	0.360301499	-3.143251459	1.445094707
	ENSORLG00000001055	grg2	grass carp reovirus (GCRV)-induced gene 2 [Source:ZFIN:Acc.ZDB-GENE-081022-181]	5.576571063	2.902727706	-0.990174048	1.684154521
	ENSORLG00000011450	-	-	7.070895678	3.650848005	-2.199359763	1.211171881
	ENSORLG00000004035	-	-	4.851315873	0.963981358	-2.648315414	1.239505013
	ENSORLG00000005297	ab	Oryzias latipes hemoglobin embryonic subunit alpha-like (LOC101155030), mRNA. [Source:RefSeq mRNA:Acc:NM_00178988]	8.60010769	2.966423589	-3.487102863	2.147066804
	ENSORLG00000015202	adams15b	ADAM metalloproteinase with thrombospondin type 1 motif, 15b [Source:ZFIN:Acc.ZDB-GENE-070814-5]	4.657183268	1.342556331	-3.805973502	-0.490860161
	ENSORLG0000002623	CCR7	C-C motif chemokine receptor 7 [Source:HGNC Symbol:Acc:HGNC:1608]	4.103422309	1.458820735	-0.767671224	1.877415591
	ENSORLG00000015068	slc52a3	solute carrier family 52 (riboflavin transporter), member 3 [Source:ZFIN:Acc.ZDB-GENE-060421-4460]	5.22591262	2.689781551	-2.84576532	-0.309154134
	ENSORLG00000019005	tyr	tyrosinase [Source:ZFIN:Acc.ZDB-GENE-991026-3]	4.78214752	0.927038729	-2.208530005	1.647064508
	ENSORLG00000009484	ofm2b	noclin 2 [Source:NCBI geneAcc:101169664]	4.347741606	1.880430012	-2.915804169	-0.448006488
	ENSORLG00000008349	slc6a7	solute carrier family 6 member 7 [Source:ZFIN:Acc.ZDB-GENE-070112-1492]	3.727141759	0.496699539	-1.192932711	2.03799539
	ENSORLG00000003034	BMP2	bone morphogenetic protein receptor type 2 [Source:HGNC Symbol:Acc:HGNC:1078]	3.329018574	0.893255809	-0.800542163	1.635705657
	ENSORLG00000003985	brt3	E3 ubiquitin protein ligase TRIM39 [Source:NCBI geneAcc:101163112]	6.433318264	2.533719823	-1.511368683	2.288716562
	ENSORLG00000003855	ASB13 (1 of n)	ankyrin repeat and SOCS box containing 13 [Source:HGNC Symbol:Acc:HGNC:19765]	3.905238695	1.430539025	-0.263152293	2.212032535
	ENSORLG00000016739	zgc-64051	leukocyte surface antigen CD53 [Source:NCBI geneAcc:101168124]	4.014937892	2.508325589	-1.801226039	-0.294128954
	ENSORLG00000005254	-	-	5.863525904	2.91547584	-2.912596119	0.03939381
	ENSORLG00000016347	nhsa	Nance-Horan syndrome (congenital cataracts and dental anomalies) [Source:ZFIN:Acc.ZDB-GENE-090617-1]	4.34742005	1.221393366	-1.67948644	1.446847418
	ENSORLG00000011783	chp12	chondroitin polymerizing factor 2 [Source:ZFIN:Acc.ZDB-GENE-030031-7797]	4.159312355	2.5957542	0.682931765	2.246974311
	ENSORLG00000002211	-	-	3.367163586	2.504417565	0.396820308	1.260050567
	ENSORLG00000015110	-	-	5.219107312	0.319377072	-1.964929496	2.932851617
	ENSORLG00000008574	irf2	interferon regulatory factor 2 [Source:ZFIN:Acc.ZDB-GENE-041212-38]	5.953391844	3.299101386	-1.523169346	1.131606059
	ENSORLG00000005190	scamb1	gabrain [Source:NCBI geneAcc:101159773]	5.432171473	0.918620432	-3.289359335	1.22467665
	ENSORLG00000013182	inpc1	inpc1 [Source:ZFIN:Acc.ZDB-GENE-080819-1]	4.946686924	1.830741335	0.539472456	2.774836314
	ENSORLG00000012288	MGMAM	maltese-glycosylase [Source:HGNC Symbol:Acc:HGNC:7043]	4.356416544	-1.117973417	-2.746413393	2.27687405
	ENSORLG00000010524	ana	anilin a [Source:ZFIN:Acc.ZDB-GENE-030131-8434]	5.058158927	2.359258298	-2.188123436	0.501280133
	ENSORLG00000005329	kanh2	KN motif and ankyrin repeat domains 2 [Source:ZFIN:Acc.ZDB-GENE-040724-121]	4.380230575	2.14474586	-0.84503517	1.390933978
	ENSORLG00000001960	si:ch211-51c1	si:ch211-51c1.1 [Source:ZFIN:Acc.ZDB-GENE-120215-48]	4.101973881	1.686728385	-2.051109696	0.364620317
	ENSORLG00000006726	zgc-114045	zgc-114045 [Source:ZFIN:Acc.ZDB-GENE-050913-119]	3.387640539	0.353390116	-0.704456852	2.33027795
	ENSORLG00000017188	-	-	5.064891545	0.675734074	-5.218295324	-0.829652375
	ENSORLG00000010348	P2RY6	pyrimidinergic receptor P2Y6 [Source:HGNC Symbol:Acc:HGNC:8543]	5.226990277	2.234967447	-0.912907462	2.079600014
	ENSORLG00000014390	qf1b	growth factor independent 1B transcription repressor [Source:ZFIN:Acc.ZDB-GENE-091118-129]	5.65303964	1.929512023	-1.683578663	2.040395422

ENSRLOG00000017569	marks1a	MARCKS-like 1a [Source:ZFIN,Acc:ZDB-GENE-040426-2146]	5.221144992	1.743626837	-2.548259095	0.92974414
ENSRLOG00000013837	-	-	3.32570674	1.438577067	-1.341085603	0.546528872
ENSRLOG00000003773	mrx2b	motor neuron and pancreas homeobox 2b [Source:ZFIN,Acc:ZDB-GENE-040415-2]	4.127347964	2.476336394	-2.564782051	-0.913285013
ENSRLOG00000002067	SRF1 (1 of m	serum response factor 1 [Source:HGNC,Symbol,Acc:HGNC:3360]	4.545110061	1.690516895	-2.798738233	-0.015353547
ENSRLOG00000010690	krf9	Kruppel-like factor 9 [Source:ZFIN,Acc:ZDB-GENE-060526-244]	3.44769538	0.787927844	-1.096888719	1.563363999
ENSRLOG00000013637	lcat2	lysophosphatidylcholine acyltransferase 2 [Source:ZFIN,Acc:ZDB-GENE-050522-229]	3.663439941	2.1368755	-1.113144035	0.413904987
ENSRLOG00000004609	ltga1	integrin, alpha 1 [Source:ZFIN,Acc:ZDB-GENE-091118-115]	3.068865276	2.85201875	-0.06874989	0.148580122
ENSRLOG00000006420	capng	capping actin protein, gelsolin like [Source:NCBI gene,Acc:101163360]	4.53735545	1.581819061	-1.951244586	1.004776783
ENSRLOG00000002764	si:dkeyp-8617	si:dkeyp-8617 4 [Source:ZFIN,Acc:ZDB-GENE-091204-252]	5.382815724	-0.354390362	-3.26175131	2.441515172
ENSRLOG00000005169	arhgap32a	Rho GTPase activating protein 32a [Source:ZFIN,Acc:ZDB-GENE-060503-918]	5.276669901	1.557640371	-0.983512583	2.736004714
ENSRLOG00000003776	-	-	3.507523778	1.78337273	-2.424259845	0.69945473
ENSRLOG00000004197	ly75	lymphocyte antigen 75 [Source:ZFIN,Acc:ZDB-GENE-050309-166]	4.227797598	1.088639554	-1.156137305	1.983505578
ENSRLOG00000007909	hoxc11a	homeobox C11a [Source:ZFIN,Acc:ZDB-GENE-990415-111]	4.175626452	-0.533812071	-2.337976697	2.371946131
ENSRLOG00000007955	hoxf4	Oryzias latipes homeobox C4 (hoxc4), mRNA [Source:RefSeq, mRNA,Acc:NM_001104878]	3.489530974	0.692830756	-3.024329459	-0.247144143
ENSRLOG00000000800	nav2a	neuron navigator 2b [Source:ZFIN,Acc:ZDB-GENE-120502-31]	3.712179714	2.176228935	-1.196557903	0.339877093
ENSRLOG00000001756	NPTX1	neuronal pentraxin 1 [Source:HGNC Symbol,Acc:HGNC:7852]	4.059650955	0.767919371	-2.218599152	1.07361644
ENSRLOG00000010018	rc3h2	ring finger and CCH-type domains 2 [Source:ZFIN,Acc:ZDB-GENE-060503-694]	4.983926581	2.574780844	-0.158925371	2.250705316
ENSRLOG00000002535	rtc36	tetratricopeptide repeat domain 36 [Source:NCBI gene,Acc:101170288]	5.872261003	1.549397876	-2.510972542	1.812375226
ENSRLOG000000016818	RBMS1 (1 of m	RNA binding motif single stranded interacting protein 1 [Source:HGNC Symbol,Acc:HGNC:9907]	3.473553069	1.285082856	-0.434618048	1.754337775
ENSRLOG00000002901	-	-	3.851166948	1.891135822	-1.208175021	0.752339977
ENSRLOG00000009620	fscn1b	fascin actin-bundling protein 1b [Source:ZFIN,Acc:ZDB-GENE-120507-1]	3.608753994	0.671569769	-0.857435615	2.080234567
ENSRLOG00000012415	-	-	3.918028874	1.918205282	0.348538802	2.348846535
ENSRLOG00000003020	gb	Oryzias latipes hemoglobin subunit beta-1-like (gb), mRNA [Source:RefSeq, mRNA,Acc:NM_001278824]	6.325032807	0.111864033	-3.950626181	2.263027464
ENSRLOG000000010775	tzd4	triazolide class receptor 4 [Source:ZFIN,Acc:ZDB-GENE-990415-217]	4.503750283	1.735400971	-0.392031769	2.376802288
ENSRLOG00000007672	-	-	5.652550364	1.13076724	-3.844471724	0.677801249
ENSRLOG00000000406	-	-	4.897475662	0.95757658	-1.830037982	2.110786573
ENSRLOG00000001370	-	-	4.730807191	2.805463476	2.234236064	2.1609046
ENSRLOG000000011418	rtcd5	rtl-dependent gene 5 [Source:ZFIN,Acc:ZDB-GENE-031030-7]	4.866703477	2.644188915	-1.572937441	0.65006267
ENSRLOG00000017257	-	-	3.526729007	1.261425401	-2.50321202	-0.237423434
ENSRLOG000000010567	si:dkey-51483	si:dkey-51483 3 [Source:ZFIN,Acc:ZDB-GENE-081103-8]	4.711009094	3.172951799	-1.27862408	0.261921744
ENSRLOG00000007061	-	-	3.747574187	2.420332893	-0.503899979	0.823861222
ENSRLOG000000003007	rlp19 (1 of m	60S ribosomal protein L19 [Source:NCBI gene,Acc:101374455]	3.538074785	0.84055303	-1.560776783	1.137229914
ENSRLOG000000017926	bach2b	BTB and CNC homology 1, basic leucine zipper transcription factor 2b [Source:ZFIN,Acc:ZDB-GENE-041001-139]	3.414447005	1.711111105	-2.409319453	-0.705498657
ENSRLOG00000007937	PHLPP2	PH domain and leucine rich repeat protein phosphatase 2 [Source:HGNC Symbol,Acc:HGNC:29149]	3.266513279	1.519615991	-1.076818546	0.670563157
ENSRLOG000000018111	TMEM67A	transmembrane protein 67A [Source:HGNC Symbol,Acc:HGNC:24529]	3.48284629	1.190127567	-0.224082736	2.069119674
ENSRLOG00000009268	srfs5a	serine and arginine rich splicing factor 5 [Source:NCBI gene,Acc:101161448]	3.111426532	1.06852828	0.02670949	2.070091525
ENSRLOG000000015567	pou6f1	POU class 6 homeobox 1 [Source:ZFIN,Acc:ZDB-GENE-980526-530]	3.65218243	1.084466566	-0.331288817	2.236912968
ENSRLOG000000004402	tp73	tumor protein p73 [Source:ZFIN,Acc:ZDB-GENE-030814-21]	5.989561703	1.264491093	-0.836063068	3.889489754
ENSRLOG000000015899	-	-	4.021738524	-2.534924635	-4.075985738	2.481161094
ENSRLOG00000007133	-	-	3.473505407	-13.15645603	-3.75708673	13.37338313
ENSRLOG000000015651	csmp2	cysteine-serine-rich nuclear protein 2 [Source:ZFIN,Acc:ZDB-GENE-080312-137]	4.988530669	1.915446036	-1.280503476	1.788519955
ENSRLOG00000009359	-	-	5.452802157	1.835285893	-2.925818897	0.692186157
ENSRLOG000000013268	tnfrsf10	TNF superfamily member 10 [Source:ZFIN,Acc:ZDB-GENE-040718-335]	3.653705256	1.966816015	-1.727609138	-0.040234882
ENSRLOG000000013104	-	-	3.466392934	2.053811646	-0.420269185	0.992791778
ENSRLOG000000004325	-	-	6.514295037	-9.677807716	-1.477093276	14.71551859
ENSRLOG000000003505	-	-	3.466292486	0.047981914	-0.577486723	2.841310102
ENSRLOG000000017886	collec12	collectin sub-family member 12 [Source:ZFIN,Acc:ZDB-GENE-030131-9807]	3.37724709	2.641289566	-2.22362672	-1.487184235
ENSRLOG000000010321	p2ry10	P2Y receptor family member 10 [Source:ZFIN,Acc:ZDB-GENE-070410-105]	5.578096721	2.16178254	-2.282049896	1.134746081
ENSRLOG000000000559	TNNI2 (1 of m	tropomyosin I2, fast skeletal type [Source:HGNC Symbol,Acc:HGNC:11946]	4.747495654	0.447224035	-5.661149924	-1.360393999
ENSRLOG000000007523	c2cd2l	c2cd2-like [Source:ZFIN,Acc:ZDB-GENE-041019-1]	3.565882031	0.658033076	-1.421756135	1.486576816
ENSRLOG000000013130	apodb (1 of m	apolipoprotein Db [Source:ZFIN,Acc:ZDB-GENE-051023-8]	5.894784224	1.186424068	-2.930150917	1.778693986
ENSRLOG000000015267	btg1	BTG anti-proliferation factor 1 [Source:NCBI gene,Acc:101168651]	4.238858086	1.17318338	-2.845879887	0.220279555
ENSRLOG000000015915	si:dkey-21a6.5	si:dkey-21a6.5 [Source:ZFIN,Acc:ZDB-GENE-131121-257]	5.569968154	2.898939015	-0.095752158	2.575759446
ENSRLOG000000008560	pdia2	protein disulfide isomerase family A, member 2 [Source:ZFIN,Acc:ZDB-GENE-040426-705]	4.118794783	1.09445304	-2.944983826	0.07942925
ENSRLOG00000007509	arab5b	CAMP response element binding protein 5b [Source:ZFIN,Acc:ZDB-GENE-091020-6]	4.012277468	1.644515306	-1.72688827	0.642160029
ENSRLOG000000006785	dk2	dkk2ip1 WNT signaling pathway inhibitor 2 [Source:ZFIN,Acc:ZDB-GENE-080204-14]	3.538619311	1.377242526	0.169635744	2.331496707
ENSRLOG000000016748	lamb1b	laminin subunit beta-1 [Source:NCBI gene,Acc:101165882]	3.251010421	2.244165231	-1.755276151	-0.747946053
ENSRLOG000000012030	styk1b	serine/threonine-tyrosine kinase 1b [Source:ZFIN,Acc:ZDB-GENE-030131-3435]	6.928265438	1.950736745	-4.948255882	0.029742548
ENSRLOG000000002526	fermt3b	fermitin family member 3b [Source:ZFIN,Acc:ZDB-GENE-040426-1366]	3.42187949	1.498378337	-1.714488688	0.209497437
ENSRLOG000000000435	-	-	16.73441485	0	-3.965904847	12.76900099
ENSRLOG000000003968	sp4	Sp4 transcription factor [Source:HGNC Symbol,Acc:HGNC:11209]	3.776018071	1.10309995	-0.159823817	2.513578384
ENSRLOG000000012155	rxra	retinoid X receptor, alpha 1 [Source:ZFIN,Acc:ZDB-GENE-070314-2]	4.116069249	1.647112352	-1.336782722	1.132658279
ENSRLOG000000002465	kkkb	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta [Source:ZFIN,Acc:ZDB-GENE-071115-2]	3.593572904	1.480995407	-1.089626304	1.023436162
ENSRLOG000000002049	si:dkeyp-8748	si:dkeyp-8748 8 [Source:ZFIN,Acc:ZDB-GENE-041111-161]	4.404974517	0.726107579	-0.9222901	2.75706936
ENSRLOG000000017372	dk2a	distal-less homeobox 2a [Source:ZFIN,Acc:ZDB-GENE-980526-212]	3.72459942	-1.063110168	-2.781439645	2.006613802

ENSRGLG00000016573	myb	Oryzias latipes MYB proto-oncogene, transcription factor (myb), mRNA [Source:RefSeq; mRNAAccession:001104689]	3.016783936	0.417091136	-0.554459637	2.045717732
ENSRGLG00000018188	-	-	5.532851228	0.746231352	-2.799147881	1.987956944
ENSRGLG00000001272	tgfbl1a	transforming growth factor, beta 1a [Source:ZFIN;Acc:ZDB-GENE-030618_1]	4.401201635	2.155845366	0.044052438	2.289894035
ENSRGLG00000002467	daps	dihydropyrimidinase [Source:ZFIN;Acc:ZDB-GENE-070508_1]	4.252299661	-0.339048899	-4.110797463	0.481037663
ENSRGLG00000000328	stc1l	stromal cell 1, like [Source:ZFIN;Acc:ZDB-GENE-040426_1821]	10.30396611	-1.794215768	-8.304149548	3.794538042
ENSRGLG00000013632	-	-	4.910154168	0.161680274	-3.356083328	1.392878477
ENSRGLG00000016898	slip	selectin P [Source:ZFIN;Acc:ZDB-GENE-110107_21]	4.559320754	2.962195084	-2.642273754	1.04466368
ENSRGLG00000007200	pev5fb	peroxisomal biogenesis factor 5-like B1 [Source:ZFIN;Acc:ZDB-GENE-111221_1]	3.554321301	0.852933964	-0.560358848	2.141510947
ENSRGLG00000000070	large2	LARGE xylosyl- and glucuronyltransferase 2 [Source:ZFIN;Acc:ZDB-GENE-050419_253]	4.11068377	1.507085735	-0.296074346	0.50739418
ENSRGLG00000008277	ptfla	pancreas associated transcription factor 1a [Source:NCBI gene;Acc:101160350]	16.71999249	9.594380594	-4.93275808	2.193323771
ENSRGLG00000013548	Flu1	Flu-1 proto-oncogene, ETS transcription factor [Source:HGNC Symbol;Acc:HGNC:3749]	4.437979421	2.140620312	-1.940293546	0.357549324
ENSRGLG00000004854	-	-	3.912413923	0.752867684	-1.434307819	1.726724354
ENSRGLG00000007299	-	-	3.027864871	-0.136526954	-2.853492881	0.281384372
ENSRGLG00000001724	EXT1 (1 of many)	extosian glycosyltransferase 1 [Source:HGNC Symbol;Acc:HGNC:3512]	3.238404085	0.48185021	-2.314352531	0.442806452
ENSRGLG00000017303	zpc15405b	zpc15405b [Source:ZFIN;Acc:ZDB-GENE-06029-612]	5.750758892	1.71371053	-1.488430787	1.549029961
ENSRGLG00000009476	foxp1	forkhead box P1 [Source:NCBI gene;Acc:1011711663]	3.613535146	1.570819133	-3.848970464	0.159089553
ENSRGLG00000005775	TGFB11	transforming growth factor beta 1 induced transcript 1 [Source:HGNC Symbol;Acc:HGNC:11767]	4.057482752	1.931854571	-1.73843932	0.387679137
ENSRGLG00000017030	-	-	3.869692323	2.258468547	0.230844625	1.842553337
ENSRGLG00000001186	hspb8	heat shock protein family B (small) member 8 [Source:NCBI gene;Acc:101166228]	3.222328152	1.143760314	-1.759854177	0.320152365
ENSRGLG00000011146	h3s3b1b	hesian sulfate (glucosamine) 3-O-sulfotransferase 3B1b [Source:ZFIN;Acc:ZDB-GENE-070202_5]	4.066432141	2.503169873	-0.909051725	0.654696241
ENSRGLG00000008984	-	-	4.742367274	0.877383688	-2.289940348	1.575529426
ENSRGLG00000012559	prapa	GRB2 related adaptor protein A [Source:ZFIN;Acc:ZDB-GENE-050522_347]	6.154149779	3.831144315	-1.348175466	0.97307715
ENSRGLG00000008497	-	-	4.25354386	1.027875549	-2.860263784	0.365899406
ENSRGLG00000004233	Tgf18a	fibroblast growth factor 18a [Source:ZFIN;Acc:ZDB-GENE-030714_1]	3.926417052	1.578885999	-0.653001103	1.695013218
ENSRGLG00000005185	-	-	4.673662063	2.041068939	0.125776174	2.758853423
ENSRGLG00000015849	foxp4	forkhead box P4 [Source:ZFIN;Acc:ZDB-GENE-101207_1]	4.71015307	1.508413099	-2.979687834	0.222535827
ENSRGLG00000017116	foxb	Fox b [Source:NCBI gene;Acc:100048473]	4.192051131	-0.107611738	-1.839111734	1.639111734
ENSRGLG00000014598	-	-	3.120109614	2.477046724	0.116102977	0.759658854
ENSRGLG00000001976	FLIP1L	flavin A interacting protein 1 like [Source:HGNC Symbol;Acc:HGNC:24589]	3.279896615	0.923541818	-1.7964714	0.56042179
ENSRGLG00000015696	atp1b1a	sodium/potassium-transporting ATPase subunit beta-233 [Source:NCBI gene;Acc:101164836]	3.399369992	2.054933594	1.151030607	2.49594913
ENSRGLG00000018010	col4a1	collagen, type IV, alpha 1 [Source:ZFIN;Acc:ZDB-GENE-081105_114]	4.73090968	2.538103336	-0.191907418	1.174213179
ENSRGLG000000016936	dusp3b	dual specificity phosphatase 3b [Source:ZFIN;Acc:ZDB-GENE-030616_38]	4.167039994	1.884761264	-1.822685345	0.460076337
ENSRGLG00000017550	zfp9b	zinc finger, NFX1-type containing 1 [Source:ZFIN;Acc:ZDB-GENE-091111_3]	3.065257824	0.854134422	0.168110734	2.379718411
ENSRGLG00000006096	znfx1	zinc finger, NFX1-type containing 1 [Source:ZFIN;Acc:ZDB-GENE-110804_2]	3.574738602	1.320504306	-0.50857348	1.746145848
ENSRGLG00000013955	mra9b	matrix-remodelling associated 9b [Source:ZFIN;Acc:ZDB-GENE-061013_368]	3.098212545	1.760771921	-0.563581025	0.77434358
ENSRGLG00000017624	sqp1a.1	squapin 1 (Cotton blood group) [Source:NCBI gene;Acc:101155722]	5.594957124	0.857275919	-4.957453698	-0.219287624
ENSRGLG00000005043	hoxa13a	homeobox protein Hox-A13a [Source:NCBI gene;Acc:101162380]	5.320202892	-0.041157662	-2.702622702	2.659223152
ENSRGLG00000016599	agap2	ARFAP with G1-Pase domain, ankyrin repeat and PH domain 2 [Source:ZFIN;Acc:ZDB-GENE-061103_343]	5.382384574	2.320438994	-2.11250124	0.950326166
ENSRGLG00000016757	lxn	leucamin [Source:ZFIN;Acc:ZDB-GENE-081105_159]	4.551561274	1.78758922	-2.05082846	0.713648092
ENSRGLG00000009099	zap70	zeta chain of T cell receptor associated protein kinase 70 [Source:ZFIN;Acc:ZDB-GENE-050522_257]	4.510614142	1.660394266	-1.314531672	1.53617357
ENSRGLG00000014709	megf10	multiple EF-like domains 10 [Source:ZFIN;Acc:ZDB-GENE-080506_1]	4.577992248	2.043382963	-1.719311885	0.815786415
ENSRGLG00000003233	hsd11b2	hydroxysteroid (11-beta) dehydrogenase 2 [Source:ZFIN;Acc:ZDB-GENE-030131_6030]	3.628092728	2.239966358	-2.841183106	1.452572035
ENSRGLG00000004247	flnca	flamin C [Source:NCBI gene;Acc:101165476]	4.603988898	1.818308339	-2.633275739	1.514891543
ENSRGLG00000002516	-	-	4.612424605	1.57614038	-1.573001476	1.463767778
ENSRGLG00000002650	-	-	3.147689025	1.969546094	0.416603816	1.592318003
ENSRGLG00000012975	-	-	3.815397463	2.229650386	-0.63590108	0.951140252
ENSRGLG00000000480	STK32C	serine/threonine kinase 32C [Source:HGNC Symbol;Acc:HGNC:21332]	3.679081199	1.114716732	-2.981076138	-0.416224751
ENSRGLG00000009545	mena	mosasin A [Source:ZFIN;Acc:ZDB-GENE-071211_2]	3.203843184	1.252107546	0.05289288	2.007509921
ENSRGLG00000013669	zbtb8b	zinc finger and BTB domain containing 8b [Source:ZFIN;Acc:ZDB-GENE-050417_42]	3.754973348	1.635034449	-0.543626558	1.576797015
ENSRGLG00000008590	hsd3b1	hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 1 [Source:ZFIN;Acc:ZDB-GENE-081105_30]	5.516117956	2.677749991	-0.946999041	1.89185381
ENSRGLG00000012886	-	-	16.73753084	14.12732858	-0.371711448	2.238958348
ENSRGLG00000004672	thsd1	thrombospondin, type 1, domain containing 1 [Source:ZFIN;Acc:ZDB-GENE-100105_3]	4.330343253	2.015521765	-0.259781132	2.055525618
ENSRGLG00000008388	agtr2	angiotensin II receptor, type 2 [Source:ZFIN;Acc:ZDB-GENE-030306_36]	3.598308297	1.736192643	-2.216066775	-0.353466237
ENSRGLG00000016394	-	-	3.471120966	1.388750677	-2.420811878	-0.337956058
ENSRGLG00000019378	-	-	3.426024202	2.262081295	-1.822588647	-0.658138531
ENSRGLG00000010706	desmb	desmin b [Source:ZFIN;Acc:ZDB-GENE-061027_102]	4.774261151	-0.326171438	-5.438742669	-0.353461059
ENSRGLG00000003261	lam20b	family with sequence similarity 20, member Cb [Source:ZFIN;Acc:ZDB-GENE-050301_4]	3.890983663	2.310470967	-0.694529302	0.876467408
ENSRGLG00000010908	timp2a	TIMP metalloproteinase inhibitor 2a [Source:ZFIN;Acc:ZDB-GENE-030612_1]	4.32677345	2.310039707	-0.900331571	1.116886993
ENSRGLG00000006160	-	-	6.92092173	3.209602086	-2.629224745	1.08260784
ENSRGLG00000017372	-	-	4.530208193	-0.74743906	-3.086038634	2.23304164
ENSRGLG00000007399	dapk2b	death-associated protein kinase 2b [Source:ZFIN;Acc:ZDB-GENE-060810_178]	3.129862537	1.180639588	0.162017421	2.131782254
ENSRGLG00000017758	odc1	ornithine decarboxylase 1 [Source:ZFIN;Acc:ZDB-GENE-010816_1]	3.753984305	1.783351625	-0.514750792	1.456367035
ENSRGLG00000004727	gnomb	glycoprotein (transmembrane) nmb [Source:ZFIN;Acc:ZDB-GENE-060503_106]	5.631878893	2.323452267	-3.396583125	-0.087671422
ENSRGLG00000012269	-	-	5.162463141	1.125813891	-1.62334685	2.413786283
ENSRGLG00000009499	ngfa	nerve growth factor (beta polypeptide) [Source:ZFIN;Acc:ZDB-GENE-990415_176]	3.649486901	2.025131314	1.161737843	2.786577234
ENSRGLG00000000027	-	-	3.715128452	0.917084209	-1.208568193	1.589980572
ENSRGLG00000009533	ltnm	leucamin [Source:NCBI gene;Acc:101163371]	4.701500574	0.253352104	-4.767591789	-0.31895838
ENSRGLG00000017972	-	-	5.546695694	2.640471351	-1.422733095	1.483916024
ENSRGLG00000001041	mf141	ring finger protein 141 [Source:NCBI gene;Acc:101159666]	4.032127728	1.079010437	-1.026428818	1.92717304
ENSRGLG00000005588	tmem47	transmembrane protein 47 [Source:NCBI gene;Acc:101155915]	15.98861533	12.6445706	-1.105694677	2.248817078
ENSRGLG00000013710	hpr2	natriuretic peptide receptor 2 [Source:ZFIN;Acc:ZDB-GENE-141030_2]	3.855096816	0.964374158	-1.662540483	1.228668204
ENSRGLG00000001264	slc4a2b	solute carrier family 4 (anion exchanger), member 2b [Source:ZFIN;Acc:ZDB-GENE-030429_14]	3.13295304	-0.407657213	-2.048820652	1.49227444

ENSORLG0000001909	irtv4	ets variant 4 [Source:ZFIN;Acc:ZDB-GENE-990415-71]	4.53679238	1.990208458	-1.277834432	1.269232633
ENSORLG0000002530	-	-	7.282110288	4.802364434	-0.648039335	1.832187942
ENSORLG0000002030	cthrca1a	collagen triple helix repeat containing 1 [Source:NCBI gene:Acc:101160936]	5.183044226	2.767602375	-0.570097989	2.986024622
ENSORLG00000006049	sh3px2ab	SH3 and PX domains 2Ab [Source:ZFIN;Acc:ZDB-GENE-101220-1]	3.63993184	1.328598568	-0.879280468	1.432544978
ENSORLG00000006696	plekha7b	pleckstrin homology domain containing, family A member 7b [Source:ZFIN;Acc:ZDB-GENE-091014-2]	3.655723349	2.125395017	-0.587386249	2.118209904
ENSORLG00000009933	anp2	agnasec 2 [Source:ZFIN;Acc:ZDB-GENE-030131-1334]	4.781815136	0.5468970263	-3.745531486	0.491798302
ENSORLG0000002236	lec3b3b	C-type lectin domain family 3 member B [Source:NCBI gene:Acc:101160080]	17.84364869	13.44385655	-2.835738516	1.564522066
ENSORLG00000004311	ERP27	endoplasmic reticulum protein 27 [Source:NCBI gene:Acc:101158668]	3.904700268	2.611559877	-1.604139093	-0.310513498
ENSORLG00000009207	-	-	5.65946832	-10.0266341	-2.864081023	12.8200054
ENSORLG00000015142	-	-	4.4647668	1.50949223	-1.299820413	1.664488616
ENSORLG00000005072	-	-	3.41980736	-1.757807169	-1.057984738	4.111117445
ENSORLG00000010885	tmipa	thioredoxin interacting protein [Source:NCBI gene:Acc:101174114]	4.330049872	1.480784111	-1.863976055	0.985774618
ENSORLG00000015176	ctsk	cathepsin K [Source:NCBI gene:Acc:101164923]	5.598085148	2.738493818	-1.977327273	0.874909844
ENSORLG00000010119	-	-	4.395846905	2.901688642	-1.851951899	-0.357308331
ENSORLG00000006177	slc21l1-153b	ES1 protein homolog, mitochondrial-like [Source:NCBI gene:Acc:101169045]	4.855059844	1.665542018	-0.2031683201	1.158319457
ENSORLG00000000346	-	-	3.336029156	0.736029496	-1.635828723	0.964658877
ENSORLG00000008930	ctnbp2nb	CTNBP2 N-terminal like 1 [Source:ZFIN;Acc:ZDB-GENE-040724-65]	4.099328101	0.35086238	-1.394874224	2.354077339
ENSORLG00000004307	-	-	5.853194415	1.002907168	-3.048037039	1.804734758
ENSORLG00000004707	alas2	5-aminolevulinic synthase, erythroid-specific, mitochondrial [Source:NCBI gene:Acc:100049501]	6.295577672	0.671191826	-4.352806609	1.272064175
ENSORLG00000004279	rtfox2	RNA binding fox-1 homolog 2 [Source:ZFIN;Acc:ZDB-GENE-040276-2464]	5.536580002	2.506821541	-0.238100326	2.791969882
ENSORLG00000015302	sema4c	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4C [Source:ZFIN;Acc:ZDB-GENE-080303-16]	3.324405844	1.392599383	-2.208055317	-0.275763628
ENSORLG00000004188	lacc1	laccase (multicopper oxidoreductase) domain containing 1 [Source:ZFIN;Acc:ZDB-GENE-081104-155]	4.629728977	1.640426123	-2.077525266	0.912034969
ENSORLG00000001598	-	-	3.788391009	0.789733778	-1.972060422	1.027091513
ENSORLG00000015518	zgc:162297	uncharacterized protein F13E9.13, mitochondrial [Source:NCBI gene:Acc:101155838]	3.277528461	1.937208857	-0.516770564	0.824033868
ENSORLG00000000678	tnnt3a	troponin T, fast skeletal muscle isoforms [Source:NCBI gene:Acc:101151727]	6.587475683	1.499037608	-6.11879836	-1.0298783
ENSORLG00000017721	esr2	estrogen receptor beta [Source:NCBI gene:Acc:100049289]	3.249629361	0.887182671	-1.958069907	0.404865755
ENSORLG00000010760	-	-	5.49645753	-1.057892327	-3.857791551	2.697048771
ENSORLG00000017403	PRKD3	protein kinase D3 [Source:HGNC Symbol;Acc:HGNC:24164]	3.019424483	1.736352051	1.10445451	2.388016114
ENSORLG00000016487	nrf3-6	nuclear factor, interleukin 3 regulated, member 6 [Source:ZFIN;Acc:ZDB-GENE-040704-63]	4.270910029	0.955487261	-2.063766704	1.252140796
ENSORLG00000004570	cldn1	claudin-7 [Source:NCBI gene:Acc:101156528]	4.549519858	-11.08616277	-1.663940765	13.97225287
ENSORLG00000000963	-	-	3.106316305	-0.379670561	-1.672933038	1.813648611
ENSORLG00000014038	rap1gap2a	RAP1 GTPase activating protein 2a [Source:ZFIN;Acc:ZDB-GENE-061013-179]	5.690471399	1.383167209	-1.71945209	2.58944848
ENSORLG00000015570	plcg2	phospholipase C, gamma 2 [Source:ZFIN;Acc:ZDB-GENE-030131-9832]	5.046474411	1.845473657	-2.037113667	1.164373075
ENSORLG00000008093	TIPP	tubulin polymerization promoting protein [Source:HGNC Symbol;Acc:HGNC:24164]	5.183621658	2.003949204	-0.924110241	2.256046111
ENSORLG00000010460	dna2	DNA replication helicase/nuclease 2 [Source:ZFIN;Acc:ZDB-GENE-090313-71]	4.376331791	0.05102483	-1.828518395	2.497273555
ENSORLG00000000444	-	-	4.339281164	0.763721084	-1.003634409	2.572410957
ENSORLG00000016612	per2	period circadian clock 2 [Source:ZFIN;Acc:ZDB-GENE-011220-2]	5.313854703	2.487195932	-1.761191093	1.065950775
ENSORLG00000017252	sg5a	Sp5 transcription factor a [Source:ZFIN;Acc:ZDB-GENE-030430-2]	3.854622414	1.223630565	-0.623726426	2.007751114
ENSORLG00000018128	acsm4	aminocarbonylmucronate semialdehyde decarboxylase [Source:NCBI gene:Acc:101167833]	3.483897382	-0.175893088	-2.521470127	1.138807562
ENSORLG00000005328	-	-	4.076466801	1.451352472	-0.92088892	1.704710328
ENSORLG00000017498	fam167b	family with sequence similarity 167, member B [Source:ZFIN;Acc:ZDB-GENE-131121-390]	5.98629336	0.48115029	-1.94544969	3.560177816
ENSORLG00000003039	lgalsla	lectin, galactoside-binding-like a [Source:ZFIN;Acc:ZDB-GENE-060616-24]	3.265092155	2.108715631	1.172851719	2.329715141
ENSORLG00000012839	-	-	3.843282112	1.399190329	-0.929638802	1.51493975
ENSORLG00000004738	-	-	6.929178457	4.027633263	-1.782529296	1.119484043
ENSORLG00000014423	MAP3K20 (1 of 2)	mitogen-activated protein kinase kinase kinase 20 [Source:HGNC Symbol;Acc:HGNC:17397]	3.141210197	2.131800343	-1.637192755	-0.627297961
ENSORLG00000016496	ralgapan1	ral guanine nucleotide dissociation stimulator like 1 [Source:NCBI gene:Acc:101173538]	3.894534186	2.324720839	-1.765266455	-0.204968328
ENSORLG00000007896	hoxc13a	homeobox C13 [Source:NCBI gene:Acc:101172814]	4.959853286	-1.051186244	-3.418377007	2.592947329
ENSORLG00000015850	RAP2B (1 of 2)	ras-related protein Rap-2b [Source:NCBI gene:Acc:101168899]	4.489416932	1.837983755	0.324805266	2.972731155
ENSORLG00000014616	-	-	4.360138781	1.2159544	-1.873284501	1.27142199
ENSORLG00000012266	p51	elastin-1 [Source:NCBI gene:Acc:101168586]	4.707790283	0.194624432	-3.452881586	1.050769847
ENSORLG00000015080	adcy9	adenylate cyclase 9 [Source:ZFIN;Acc:ZDB-GENE-050208-456]	4.310015684	1.738868634	-2.013310152	0.558321218
ENSORLG00000010424	ADAMTSL4	ADAMTSL4 [Source:HGNC Symbol;Acc:HGNC:19706]	4.009854285	2.28284395	-2.632537275	-0.895241821
ENSORLG00000015547	slc21l1-210c	uncharacterized LOC101156655 [Source:NCBI gene:Acc:101156655]	3.454784658	0.333035528	-1.505278853	1.616955445
ENSORLG00000011420	flrt2a	retelin 2a [Source:ZFIN;Acc:ZDB-GENE-020430-3]	4.018369917	1.627225072	0.473618607	2.865248538
ENSORLG00000002662	klf1	ALX homeobox 1 [Source:ZFIN;Acc:ZDB-GENE-050419-191]	6.668032981	1.482827642	-1.191548238	3.994147461
ENSORLG00000010152	slc1key-40a16	-	5.872529451	1.721472199	-3.528729587	0.622811846
ENSORLG00000007513	pad2 (1 of 2)	peptidyl arginine deiminase, type II [Source:ZFIN;Acc:ZDB-GENE-031116-67]	3.600621378	1.082378069	-0.087558438	2.431169965
ENSORLG00000006820	tapbp2	TAP binding protein (tapasin), tandem duplicate 2 [Source:ZFIN;Acc:ZDB-GENE-060503-136]	3.614620974	0.501784518	-1.09467227	2.018649344
ENSORLG00000016491	tcf21	transcription factor 21 [Source:NCBI gene:Acc:101172550]	4.862042343	2.267957811	-2.504920216	0.089649352
ENSORLG00000017816	adam23a	ADAM metalloproteinase domain 23a [Source:ZFIN;Acc:ZDB-GENE-070810-2]	5.360861445	4.166487422	1.114544917	2.309408574
ENSORLG00000017867	klh16	kelch-like family member 6 [Source:ZFIN;Acc:ZDB-GENE-030616-325]	3.555255357	1.332428982	-1.15329744	1.070013114
ENSORLG000000005892	rtho	ras homolog family member H [Source:ZFIN;Acc:ZDB-GENE-080228-7]	16.28812344	13.18025262	-3.024804484	0.063534741
ENSORLG00000004009	ra	coagulation factor IIIa [Source:ZFIN;Acc:ZDB-GENE-071119-51]	5.737660864	3.257996155	0.225247945	2.705396291
ENSORLG000000009587	ovalb1 (1 of 2)	ovalbumin beta [Source:NCBI gene:Acc:105353532]	5.928888408	-0.566281851	-7.240173716	-0.746517906
ENSORLG000000003117	slc25a15a	solute carrier family 25 (mitochondrial carrier, carnitine transporter) member 15a [Source:ZFIN;Acc:ZDB-GENE-070112-1072]	4.15862002	0.232465212	-0.999709698	2.936928998
ENSORLG00000014284	slc21l1-125m	slc21l1-125m10.6 [Source:ZFIN;Acc:ZDB-GENE-120708-92]	4.111954558	1.965499092	0.587386643	2.734328839
ENSORLG00000015530	-	-	3.284623089	0.274466721	-0.692731993	2.317909192
ENSORLG00000011401	bhhhe41	Oryzias latipes basic helix-loop-helix family member e41 (bhhhe41), mRNA [Source:RefSeq mRNA;Acc:NM_001104733]	3.073472956	1.141864928	-1.936357817	-0.004264842
ENSORLG00000012348	ogal	O-GlcNAcase like [Source:ZFIN;Acc:ZDB-GENE-110914-153]	3.278644908	-1.099024771	-3.455158196	0.922996118

ENSORLG00000015048	C2orf88	chromosome 2 open reading frame 88 [Source:HGNC Symbol;Acc:HGNC:28191]	3.535135819	0.854405847	-0.482384765	2.198830061
ENSORLG00000011088	cpwm1b	carboxypeptidase Y (M14 family), member 1b [Source:ZFIN;Acc:ZDB-GENE-141212-305]	4.271181926	2.202590541	-1.771672451	0.297403404
ENSORLG00000010688	rhoa	ras homolog family member U [Source:NCBI gene;Acc:101157689]	3.939584267	1.202396241	-0.256605178	2.481067755
ENSORLG00000003905	vip	vasoactive intestinal peptide [Source:ZFIN;Acc:ZDB-GENE-080204-3]	16.35431947	13.33629176	-1.99874761	1.019747849
ENSORLG000000011149	pgam2	phosphoglycerate mutase 2 [Source:NCBI gene;Acc:101164987]	4.032974678	-1.063991598	-2.644438271	2.453014628
ENSORLG00000012439	cor9b	chemokine (C-C motif) receptor 9b [Source:ZFIN;Acc:ZDB-GENE-070301-3]	4.971399848	-0.121162998	-3.169039519	1.924009239
ENSORLG00000011223	-	-	3.989955976	1.218777397	0.184919786	2.936583245
ENSORLG00000005875	rap2b	RAP2B, member of RAS oncogene family [Source:NCBI gene;Acc:101171097]	3.145284078	0.398047487	-1.209149764	1.539571505
ENSORLG00000017559	-	-	4.182752238	1.812160501	-1.588771116	0.962308035
ENSORLG00000022372	rbp5	retinol-binding protein 1 [Source:NCBI gene;Acc:101173969]	4.043980608	2.725087297	-0.135419113	1.183959131
ENSORLG000000011403	si.ch211-283g	si.ch211-283g.1 [Source:ZFIN;Acc:ZDB-GENE-060531-57]	4.724113005	0.106155063	-1.888402664	2.73004286
ENSORLG00000016003	trmc2b	transmembrane and tetrapeptide repeat containing 2b [Source:ZFIN;Acc:ZDB-GENE-081031-100]	4.366698524	2.133443846	-1.311828083	0.921911304
ENSORLG00000007701	lam43a	family with sequence similarity 43, member A [Source:ZFIN;Acc:ZDB-GENE-030131-6098]	5.223660451	2.585321436	-0.973994235	1.664831089
ENSORLG000000013410	ca8	carbonic anhydrase VIII [Source:ZFIN;Acc:ZDB-GENE-050417-28]	4.219175593	2.805951068	0.5873468	2.00105587
ENSORLG000000011140	lhbfb	lin bud initiation factor b [Source:ZFIN;Acc:ZDB-GENE-050417-423]	4.279080934	1.586945899	-2.399753636	0.292865488
ENSORLG00000014549	-	-	5.785538014	1.72045307	-3.050232135	1.515281424
ENSORLG000000014947	proxa1	prospero homeobox 1a [Source:ZFIN;Acc:ZDB-GENE-980526-397]	4.718422639	-0.182825307	-2.77442591	2.14288880
ENSORLG00000004632	smad5	smad family member 5 [Source:ZFIN;Acc:ZDB-GENE-031202-1]	3.438425812	0.049220448	-1.261002095	2.128689292
ENSORLG00000002207	SMAD3 (1 of 3)	SMAD family member 3 [Source:HGNC Symbol;Acc:HGNC:6769]	5.026545179	1.660669315	-0.455299120	2.911011173
ENSORLG000000016766	foxd2	Oryzias latipes forkhead box D1 (LOC100302451), mRNA [Source:RefSeq mRNA;Acc:NM_001163182]	6.479888816	1.162143847	-2.687519556	2.630710901
ENSORLG00000013204	sypl1	synaptophysin-like 1 [Source:ZFIN;Acc:ZDB-GENE-110420-2]	4.162301837	1.828402605	-0.60616575	1.72821796
ENSORLG00000009593	stll	stll-like [Source:ZFIN;Acc:ZDB-GENE-081222-1]	5.437087028	-0.63719021	-3.21717571	2.857713792
ENSORLG00000021288	RF00016	small nucleolar RNA SNORD14 [Source:NCBI gene;Acc:11946368]	4.228693812	2.903699853	0.139203192	1.464681741
ENSORLG000000016840	shb	Src homology 2 domain containing transforming protein D, h [Source:ZFIN;Acc:ZDB-GENE-030131-6059]	3.507153889	0.483387053	-3.208671168	-0.18441982
ENSORLG00000006251	papsa2a	3-phosphoadenosine 5-phosphosulfate synthase 2a [Source:ZFIN;Acc:ZDB-GENE-061110-85]	5.140574592	0.84977357	-2.011986519	2.279300165
ENSORLG00000013436	col10a1a	collagen, type X, alpha 1a [Source:ZFIN;Acc:ZDB-GENE-030131-8373]	8.251319674	3.937806087	-5.523429373	0.790570277
ENSORLG00000009008	srpx	sushi-repeat containing protein, X-linked [Source:ZFIN;Acc:ZDB-GENE-050327-43]	4.505766182	1.889307079	-2.189430471	0.42751395
ENSORLG00000015829	tnfrsf82b	tumor necrosis factor, alpha-induced protein 8-like 2b [Source:ZFIN;Acc:ZDB-GENE-040476-1359]	3.917098428	1.333753311	-2.011383465	0.572446434
ENSORLG00000014002	fam129ba	family with sequence similarity 129, member 8a [Source:ZFIN;Acc:ZDB-GENE-070112-1222]	3.435131797	1.145744326	-1.144526162	1.145346714
ENSORLG00000006948	-	-	5.38091732	1.721918328	-1.475902086	2.235802318
ENSORLG000000016809	lox2a	lyal oxidase-like 2a [Source:ZFIN;Acc:ZDB-GENE-070818-1]	4.374687433	2.516249822	-2.094504952	-0.23582413
ENSORLG000000001417	-	uncharacterized LOC101173999 [Source:NCBI gene;Acc:101173999]	6.406828857	1.541152052	-2.694076791	2.172084239
ENSORLG00000008863	GN2	G protein subunit gamma 2 [Source:NCBI gene;Acc:101157742]	4.310334323	2.232946204	-1.758883426	0.318989638
ENSORLG00000001089	inka1a	family with sequence similarity 212, member Aa [Source:ZFIN;Acc:ZDB-GENE-060312-186]	3.979052322	0.165002892	-1.621506596	2.19302767
ENSORLG00000007071	coro2a	coronin, actin binding protein, 2A [Source:ZFIN;Acc:ZDB-GENE-030131-2258]	3.741887206	1.788436049	-1.236629473	0.717306671
ENSORLG00000018019	tpm4b	tropomyosin alpha-4 chain [Source:NCBI gene;Acc:101167740]	4.672978049	2.42033338	-0.852006957	1.40112244
ENSORLG00000011062	gabrr2a	gamma-aminobutyric acid receptor subunit rho-2-like [Source:NCBI gene;Acc:101164606]	5.342871269	1.426624949	-0.465080365	3.165164983
ENSORLG00000001319	-	-	9.366266781	2.781728177	-4.317149118	2.26787163
ENSORLG00000017356	zgc:86896	zgc:86896 [Source:ZFIN;Acc:ZDB-GENE-040625-80]	4.484280539	-0.56356529	-3.11468693	1.934263781
ENSORLG00000012039	si.ch211-286b	si.ch211-286b.5 [Source:ZFIN;Acc:ZDB-GENE-121214-209]	3.443724586	0.819401159	-1.774669046	0.850139571
ENSORLG00000005073	-	-	4.164943795	2.725591839	-1.379538577	0.110298231
ENSORLG00000008122	trfb	thyroid hormone receptor beta [Source:NCBI gene;Acc:10089254]	3.527145056	1.330954616	-0.64338016	1.553295272
ENSORLG00000002243	IGFBP5 (1 of 3)	insulin like growth factor binding protein 5 [Source:HGNC Symbol;Acc:HGNC:5474]	5.912456109	2.468647129	-2.776980605	0.667318076
ENSORLG00000013995	zfpm1	zinc finger protein, FOS family member 1 [Source:ZFIN;Acc:ZDB-GENE-050419-238]	3.143551064	1.707995114	-1.107952965	0.328087904
ENSORLG00000017329	-	-	4.417170161	0.566194302	-2.495190757	1.356811846
ENSORLG00000009717	NKAIN4	sodium/potassium transporting ATPase interacting 4 [Source:HGNC Symbol;Acc:HGNC:16191]	3.628193229	1.97925106	0.281795513	1.931247793
ENSORLG00000002553	-	-	4.168717423	1.834878032	-0.296969366	2.037629947
ENSORLG000000003035	slit3	slit homolog 3 (Drosophila) [Source:ZFIN;Acc:ZDB-GENE-010306-4]	3.605266511	1.652977809	-2.26889169	-0.315919149
ENSORLG00000007905	gnb2	guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-2 [Source:NCBI gene;Acc:101175500]	4.187512919	2.402464853	-0.860634249	0.924899131
ENSORLG00000010699	he1	-	4.1732171	1.933171702	-1.192148201	1.048431343
ENSORLG00000011513	-	-	3.909355271	1.46306674	-1.140936075	1.297418727
ENSORLG00000006388	-	-	3.829737987	1.447841988	-1.445533815	2.178618384
ENSORLG00000006937	HGNL2	fidestatin like 2 [Source:HGNC Symbol;Acc:HGNC:13287]	4.671267761	1.529833181	-1.29581885	1.846102314
ENSORLG00000011259	-	-	4.683073054	0.025954734	-1.701243916	2.956362011
ENSORLG000000008827	opn3	Oryzias latipes opsin 3 (opn3), mRNA [Source:RefSeq mRNA;Acc:NM_001305403]	4.764979146	1.495383346	-0.866651001	2.403727511
ENSORLG000000017126	lrp2a	LDL receptor related protein 2 [Source:NCBI gene;Acc:101157655]	3.600712741	2.341408303	-1.05083372	0.208955384
ENSORLG00000003467	-	-	3.9304468	0.28570895	-1.893010445	1.746120042
ENSORLG00000007942	how5a	homeobox protein How-C5a [Source:NCBI gene;Acc:101174425]	4.654316632	1.085206844	-2.982853166	0.586740533
ENSORLG00000001921	-	-	16.35706176	13.53107924	-3.783104659	-0.936664704
ENSORLG00000005114	-	upstream transcription factor 2, c-fos interacting [Source:NCBI gene;Acc:101157563]	3.498964743	1.56918218	0.055786507	1.985917974
ENSORLG00000016601	NFIX (1 of 3)	nuclear factor X [Source:HGNC Symbol;Acc:HGNC:29841]	3.034110215	0.77163588	-2.957987819	0.68502602
ENSORLG00000008780	-	-	3.00287353	0.423926224	0.281361013	2.860756728
ENSORLG00000000589	sb.zf81	sb.zf81 [Source:ZFIN;Acc:ZDB-GENE-030131-9939]	6.468245008	2.633858247	-2.93702322	0.897849593
ENSORLG000000010849	SyDE2	synapse defective rho G1 Fse homolog 2 [Source:HGNC Symbol;Acc:HGNC:29841]	3.100736339	1.851022251	-0.269715465	0.980483386
ENSORLG000000014820	trmc2a	transmembrane and tetrapeptide repeat containing 2a [Source:ZFIN;Acc:ZDB-GENE-041210-299]	4.653672733	1.715463311	-1.018768292	1.919928414
ENSORLG00000010504	grb5	G protein-coupled receptor 85 [Source:ZFIN;Acc:ZDB-GENE-000710-2]	3.286033763	1.069980928	-0.556372434	1.642166779
ENSORLG00000004209	lrga3b	integrin, alpha 3b [Source:ZFIN;Acc:ZDB-GENE-050411-55]	3.07246717	0.30235454	-1.61174513	1.15885274
ENSORLG00000009759	-	-	5.191602238	3.239079201	-0.511990815	1.441016931
ENSORLG000000050110	si.ch211-248a	si.ch211-248a1.4.8 [Source:ZFIN;Acc:ZDB-GENE-131126-33]	6.505734281	-1.139569607	-5.229975916	2.415822395

ENSRGLG0000017782	lmp3	bone morphogenetic protein 3 [Source:ZFIN;Acc:ZDB-GENE-030131-7192]	3.089580896	1.884533243	-2.270578687	-1.065045061
ENSRGLG0000017737	lpc-113531	lpc-113531 [Source:ZFIN;Acc:ZDB-GENE-050320-52]	3.825489067	2.067083597	-1.803375347	-0.04448507
ENSRGLG0000016128	lptma	protein tyrosine phosphatase, receptor type, Na [Source:ZFIN;Acc:ZDB-GENE-030131-3511]	3.897617267	0.859071386	-1.99054886	1.048481498
ENSRGLG0000015091	lpto2b	neopilin (NRP) and telodilin (TL1)-like 2b [Source:ZFIN;Acc:ZDB-GENE-060503-638]	3.525863123	-1.178433242	-1.311631979	3.393144814
ENSRGLG0000008253	-	integral membrane protein 2B [Source:NCBI;Gene:Acc:101159208]	4.34866932	0.945932365	-0.43139416	2.972824325
ENSRGLG0000013506	lrm35-28	tripeptide motif containing 35-28 [Source:ZFIN;Acc:ZDB-GENE-071004-19]	3.215178403	0.803973507	-1.164629304	1.24706043
ENSRGLG0000007274	-	-	3.448862706	1.460899714	1.052045521	2.084028842
ENSRGLG0000013893	-	-	3.23742671	1.011584831	-3.10898421	-0.892925604
ENSRGLG0000000859	gla	galactosidase, alpha [Source:ZFIN;Acc:ZDB-GENE-041010-207]	6.184978566	2.537292726	-1.889050289	1.760120613
ENSRGLG0000010035	lor1	sortilin-related receptor, (LDLR class) A repeats containing [Source:ZFIN;Acc:ZDB-GENE-050208-22]	3.850349011	0.474372133	-0.829668858	2.54679217
ENSRGLG0000000044	lcor	ligand dependent nuclear receptor corepressor [Source:ZFIN;Acc:ZDB-GENE-061201-6]	4.706256972	1.634427619	-3.062813612	0.009500982
ENSRGLG0000010563	neurod1	neuronal differentiation 1 [Source:ZFIN;Acc:ZDB-GENE-990415-172]	4.846487888	-0.982146533	-1.454662597	4.37444934
ENSRGLG0000015279	nr4a1	nuclear receptor subfamily 4 group A member 1 [Source:NCBI;Gene:Acc:101175402]	16.50913014	10.81534326	-1.063812998	4.630441331
ENSRGLG00000100164	MMP23B	matrix metalloproteinase 23B [Source:HGNC;Symbol:Acc:HGNC:71711]	4.07650745	1.929700436	-2.21680184	-0.06969012
ENSRGLG0000009016	WDFY4	WDFY family member 4 [Source:HGNC;Symbol:Acc:HGNC:29323]	3.370878576	2.449874331	0.618288523	1.539777324
ENSRGLG0000000386	wdr45	WD repeat domain 45 [Source:NCBI;Gene:Acc:101160923]	3.186911631	0.326805366	-1.197467961	1.663123304
ENSRGLG0000004106	wlx4b	homeobox protein Dlx4b [Source:NCBI;Gene:Acc:101157253]	6.56101539	0.487802331	-1.867183556	4.206513686
ENSRGLG0000011451	aspdh	aspartate dehydrogenase domain containing [Source:NCBI;Gene:Acc:101155692]	6.147647262	-10.78902821	-2.810723704	14.12646814
ENSRGLG0000007831	-	-	4.363906154	2.370345568	-0.784264579	1.199781531
ENSRGLG00000002929	-	-	5.074466803	3.098064128	-2.877011586	-0.900126193
ENSRGLG0000009332	cdk17	cyclin-dependent kinase 17 [Source:ZFIN;Acc:ZDB-GENE-041210-15]	3.790375387	1.477358535	-0.10291719	2.305212097
ENSRGLG0000016577	tspan35	tetraspanin-1 [Source:NCBI;Gene:Acc:101164063]	16.51301477	14.68168973	-1.689923465	0.141868806
ENSRGLG0000018018	lymb	lysine-protein kinase fyn [Source:NCBI;Gene:Acc:101167011]	3.886988119	1.173821342	-1.420880593	1.292770749
ENSRGLG0000004239	erfl1a	ERBB receptor feedback inhibitor 1a [Source:ZFIN;Acc:ZDB-GENE-030131-6256]	4.539676449	1.049441294	-1.150362447	2.34058213
ENSRGLG0000006924	lrf1	lymphoid enhancer binding factor 1 [Source:NCBI;Gene:Acc:101167344]	3.368269797	2.73401013	-1.62069018	-0.825336594
ENSRGLG00000004417	-	-	4.115372164	1.980415595	0.711979957	2.847421041
ENSRGLG0000001328	GLI2	GLI family zinc finger 2 [Source:HGNC;Symbol:Acc:HGNC:4318]	3.885008927	1.307922896	-1.761083034	0.816484796
ENSRGLG0000011013	cdkn1d	cyclin-dependent kinase inhibitor 1D [Source:ZFIN;Acc:ZDB-GENE-110215-1]	4.454353512	1.438416957	-2.40097007	0.615484487
ENSRGLG0000014059	slc1key-11018	slc1key-11018.5 [Source:ZFIN;Acc:ZDB-GENE-091204-110]	3.142778906	0.095800588	-2.904322396	0.15314154
ENSRGLG0000016724	CYT11	cytochrome like 1 [Source:HGNC;Symbol:Acc:HGNC:24433]	4.494853114	2.736907537	-2.315784192	-0.557353708
ENSRGLG0000006116	-	-	3.203471015	0.239563177	-1.997201917	0.967190569
ENSRGLG0000010381	arid3a	arrestin domain containing 3a [Source:ZFIN;Acc:ZDB-GENE-030131-2913]	3.031404481	0.667870604	-1.053765497	1.310253436
ENSRGLG00000005170	adamts16	ADAM metalloproteinase with thrombospondin type 1 motif 16 [Source:ZFIN;Acc:ZDB-GENE-130530-760]	4.093660174	0.771665235	-0.73518961	2.587291597
ENSRGLG0000016607	gpr182	G protein-coupled receptor 182 [Source:ZFIN;Acc:ZDB-GENE-030131-2381]	4.001093415	0.582986678	-4.129129214	-0.710539184
ENSRGLG0000011437	paln1b	paralemnin 1b [Source:ZFIN;Acc:ZDB-GENE-040426-1147]	3.692382653	1.539104898	-0.689029382	1.464732834
ENSRGLG0000003577	-	-	3.518497147	2.627812059	-3.221567067	-2.332396092
ENSRGLG0000007597	hoxa13b	homeobox protein Hox-A13b [Source:NCBI;Gene:Acc:101158301]	3.248963728	-0.009230817	-3.419839615	-0.163195958
ENSRGLG00000008830	prodhb	proline dehydrogenase (oxidase) 1b [Source:ZFIN;Acc:ZDB-GENE-101116-1]	5.986990298	1.873682933	-2.434917568	1.678867828
ENSRGLG0000007524	sh3c2	SH3 domain and tetratricopeptide repeats 2 [Source:ZFIN;Acc:ZDB-GENE-081104-347]	3.554517673	1.973960176	-0.461557863	1.119485803
ENSRGLG00000005052	angpt7	angiotensin-like 7 [Source:ZFIN;Acc:ZDB-GENE-041010-175]	3.864282154	0.006547595	-1.255722833	2.602475363
ENSRGLG0000005884	-	-	4.880611915	2.412227635	-2.334355062	0.134514187
ENSRGLG0000013932	slc6a4a	solute carrier family 6 (neurotransmitter transporter), member 4a [Source:ZFIN;Acc:ZDB-GENE-060314-1]	6.26110213	2.667396477	-1.54419831	2.049990592
ENSRGLG0000016819	errg2	Oryzias latipes estrogen-related receptor gamma type 2 (errg2), mRNA [Source:RefSeq; mRNA:Acc:NM_001630921]	4.21523115	0.835459377	-3.447870319	-0.067613644
ENSRGLG0000014173	sema3ga	sema domain, immunoglobulin domain (Ig), short basic domain, secreted (semaphorin) 3ga [Source:ZFIN;Acc:ZDB-GENE-050513-3]	7.422530852	4.317806364	-1.265918506	1.839272953
ENSRGLG0000012878	igfbp1a	insulin-like growth factor binding protein 1a [Source:ZFIN;Acc:ZDB-GENE-021231-11]	3.577059663	1.379049464	-2.760675216	-0.562379602
ENSRGLG0000004717	nrx1a	neuroligin 1a [Source:ZFIN;Acc:ZDB-GENE-030519-2]	3.788519723	1.814491539	-2.237968506	-0.26345434
ENSRGLG0000009648	PLCB4	phospholipase C beta 4 [Source:HGNC;Symbol:Acc:HGNC:9059]	3.713236316	0.912255556	-1.249854282	1.551612307
ENSRGLG00000099550	usp12b	ubiquitin specific peptidase 12b [Source:ZFIN;Acc:ZDB-GENE-100209-4]	3.69089955	2.19118712	-0.737916604	0.762281359
ENSRGLG0000011632	map4k2	mitogen-activated protein kinase kinase kinase 2 [Source:ZFIN;Acc:ZDB-GENE-030816-163]	3.193496145	1.191884091	0.851394383	2.853491219
ENSRGLG0000012050	slc1a1	solute carrier family 1 (neuronal/epithelial high affinity glutamate transporter, system Xag), member 1 [Source:ZFIN;Acc:ZDB-GENE-040718-414]	5.12811671	0.521278599	-3.155361974	1.451959586
ENSRGLG0000018045	sggp1	sphingosine-1-phosphate phosphatase 1 [Source:NCBI;Gene:Acc:101173595]	3.922684421	1.309350175	-1.404895338	1.208923488
ENSRGLG0000014982	itih6l	itih6-like 1 [Source:ZFIN;Acc:ZDB-GENE-070705-]	4.727392383	1.627298919	-2.07362982	1.026950861
ENSRGLG000001001403	aeap1	AE binding protein 1 [Source:ZFIN;Acc:ZDB-GENE-030131-2390]	3.274901691	2.221856237	-1.683842674	-0.630312434
ENSRGLG00000009111	TGFbeta3 (1 of m	transforming growth factor beta 3 [Source:HGNC;Symbol:Acc:HGNC:11768]	7.842295889	2.147548821	-2.44967092	3.245570971
ENSRGLG00000027078	yap1	Yes-associated protein 1 [Source:ZFIN;Acc:ZDB-GENE-030131-9710]	4.545378891	1.42683095	-1.173891885	1.945141138
ENSRGLG0000006715	scap1	ARCAP with coiled-coil, ankyrin repeat and PH domains 1 [Source:ZFIN;Acc:ZDB-GENE-070112-1242]	4.227540843	1.809140017	-1.580127477	0.838758771
ENSRGLG0000011984	trmem267	transmembrane protein 267 [Source:NCBI;Gene:Acc:101188970]	3.066815753	0.907364269	0.100334172	2.260270923
ENSRGLG00000005747	pa2a	growth arrest-specific 2a [Source:ZFIN;Acc:ZDB-GENE-091011-3]	3.019984021	1.202236153	-1.277705476	0.540526896
ENSRGLG0000013803	-	-	3.37170180	0.682861557	-0.289920289	2.845525232
ENSRGLG0000012936	STMN2	stathmin 2 [Source:NCBI;Gene:Acc:101167833]	3.681053466	-1.745241123	-1.458607769	3.97417162
ENSRGLG0000011963	-	-	3.950703277	1.032068973	-0.749918063	2.169201221
ENSRGLG0000013231	pa345ba	growth arrest and DNA damage inducible beta [Source:NCBI;Gene:Acc:101165223]	6.290887289	2.254651089	-1.922800702	2.1192147
ENSRGLG0000009061	batf	basic leucine zipper ATF-like transcription factor [Source:NCBI;Gene:Acc:101168259]	4.098489244	-0.299593968	-4.899677028	-0.501107495
ENSRGLG00000005084	nk42b	NK42 myocardin-like 2b [Source:ZFIN;Acc:ZDB-GENE-030619-16]	5.337820122	2.598360799	-1.478266431	1.261677367
ENSRGLG0000014427	-	-	6.008456555	3.16957661	-1.490405921	1.34895362
ENSRGLG0000013732	-	-	4.688784687	1.203737583	-2.581421729	0.904109866

ENSORLG00000017443	pyva	peptide YY [Source:ZFIN;Acc:ZDB-GENE-980526-71]	16.45547444	12.62655777	-1.356472102	2.472911241
ENSORLG00000012150	si.ch211-9419	mvoan ID [Source:HGNC;Symbol:Acc:HGNC:7598]	3.028992925	0.606936041	-1.114492392	1.308015024
ENSORLG00000004181	ker18	keratin, type I cytoskeletal 18 [Source:NCBI;gene:Acc:101168952]	4.850501755	2.510799378	-0.2163917	2.123795665
ENSORLG00000004100	-	-	4.267511435	3.133652771	-0.940321954	0.194020073
ENSORLG00000006846	si.dkey-33c9.6	si.dkey-33c9.6 [Source:ZFIN;Acc:ZDB-GENE-130530-592]	5.507517836	2.869592796	-2.782979603	-0.144571185
ENSORLG00000002432	myl23	myosin, light polypeptide 3, skeletal muscle [Source:ZFIN;Acc:ZDB-GENE-003072-6]	5.402077038	-1.397813519	-5.748199985	1.052216425
ENSORLG00000006389	mvo10	mvoan X [Source:ZFIN;Acc:ZDB-GENE-070912-277]	3.342240994	0.236802091	-1.789325323	1.316597834
ENSORLG00000003417	-	-	4.136938909	2.20093607	-1.237152514	0.699334968
ENSORLG000000015524	arhgap25	Rho GTPase activating protein 25 [Source:ZFIN;Acc:ZDB-GENE-080526-210]	4.429672168	1.684297379	-2.776718286	-0.030857105
ENSORLG00000006372	-	-	4.084726365	0.550045476	-1.76836013	1.768805524
ENSORLG00000004723	tyrp1b	5,6-dihydroxyindole-2-carboxylic acid oxidase-like [Source:NCBI;gene:Acc:101161262]	5.682312292	1.124736006	-2.771299632	1.786761218
ENSORLG000000015054	slc7a10a	solute carrier family 7 (neutral amino acid transporter light chain, asc system), member 10a [Source:ZFIN;Acc:ZDB-GENE-080116-11]	3.930482435	0.665494019	-2.117011291	1.148462
ENSORLG000000012362	-	-	5.942252525	0.550525372	-2.953010565	2.439147578
ENSORLG00000007559	-	-	4.195968684	1.443437716	-0.97667789	1.776338213
ENSORLG000000010896	caonb2a	calcium channel, voltage-dependent, beta 2a [Source:ZFIN;Acc:ZDB-GENE-080808-7]	3.614404716	1.662282348	-0.247394	1.705213725
ENSORLG000000010223	cpt1b	carotid palmitoyltransferase 1B (muscle) [Source:ZFIN;Acc:ZDB-GENE-041010-8]	8.134984929	3.439354748	-3.733687758	0.962367438
ENSORLG00000017706	-	-	16.19307637	9.747504889	-16.19307117	-9.747521673
ENSORLG000000014672	srbf2	steroid regulatory element binding transcription factor 2 [Source:ZFIN;Acc:ZDB-GENE-070410-8]	3.508790389	0.550616747	-1.574471197	1.384187606
ENSORLG000000006825	smad6b	SMAD family member 6b [Source:ZFIN;Acc:ZDB-GENE-050419-196]	4.582125765	0.932913066	-1.443453948	2.206243705
ENSORLG000000008238	gamt	guanineacetate N-methyltransferase [Source:NCBI;gene:Acc:101166292]	5.694387284	0.990345661	-3.674361432	1.030165187
ENSORLG000000016055	ADORA1	adenosine A1 receptor [Source:HGNC;Symbol:Acc:HGNC:287]	4.526309257	1.971708423	-1.32940924	1.225680185
ENSORLG000000011360	lmo7a	LIM domain 7a [Source:ZFIN;Acc:ZDB-GENE-030219-solute carrier family 29 (equilibrative nucleoside transporter), member 1a [Source:ZFIN;Acc:ZDB-GENE-050913-138]	4.508328551	-0.152425367	-1.757553705	2.901885122
ENSORLG00000004888	slc29a1a	solute carrier family 29 (equilibrative nucleoside transporter), member 1a [Source:ZFIN;Acc:ZDB-GENE-050913-138]	3.851521645	1.148285172	-0.80667459	1.897046842
ENSORLG000000013509	-	-	3.613571996	0.813002705	-0.355706688	2.445347781
ENSORLG000000013721	mao	monoamine oxidase [Source:ZFIN;Acc:ZDB-GENE-040328-3]	3.523591949	2.312388013	-2.325250064	-1.113561146
ENSORLG00000006273	inpp5f5b	inositol polyphosphate-5-phosphatase 5b [Source:ZFIN;Acc:ZDB-GENE-081104-46]	3.906322843	1.706251757	-0.576903727	1.623651739
ENSORLG000000003376	znc110333	Zinc finger protein 110333 [Source:ZFIN;Acc:ZDB-GENE-050417-331]	17.20671029	11.27188317	-2.74501251	3.18079393
ENSORLG000000012903	znc110332	zinc finger protein 110332 [Source:ZFIN;Acc:ZDB-GENE-081031-95]	3.152661302	1.442479875	-1.02113898	0.689527697
ENSORLG000000017224	sg12l1	Oryzias latipes interferon alpha-inducible protein 27, mitochondrial-like (sg12l1), mRNA [Source:RefSeq; mRNA:Acc:NM_001278818]	3.181570772	2.041828131	0.681981242	1.822208441
ENSORLG000000016264	slc34a2b	sodium-dependent phosphate transport protein 2B [Source:NCBI;gene:Acc:10117337]	5.602935247	0.719351834	-2.602973957	2.281095277
ENSORLG000000007059	dnc2	D-amino-acid oxidase, tandem duplicate 2 [Source:ZFIN;Acc:ZDB-GENE-040476-2634]	5.497121089	0.916152201	-1.589242416	2.99221147
ENSORLG000000017976	se	serpin family B member 1 [Source:NCBI;gene:Acc:101165527]	3.313086715	1.512812813	-1.22753483	0.573223673
ENSORLG00000002603	ker222	keratin 222 [Source:ZFIN;Acc:ZDB-GENE-070912-343]	15.81300458	12.45453578	-2.205634672	1.153320138
ENSORLG00000005407	klf3	Kruppel like factor 3 [Source:HGNC;Symbol:Acc:HGNC:16516]	3.052009181	0.142563229	-1.822400555	1.087530273
ENSORLG00000005296	angptl4	angiopoietin-like 4 [Source:ZFIN;Acc:ZDB-GENE-041111-222]	5.003270394	2.275079891	-1.449896036	1.278780226
ENSORLG000000016187	HHI	human histone H4 [Source:HGNC;Symbol:Acc:HGNC:1141]	5.250547025	-0.180140799	-3.038677422	2.392495264
ENSORLG00000004013	twsg1a	twisted gastrulation BMP signaling modulator 1 [Source:NCBI;gene:Acc:101172607]	3.881589304	2.165381876	-1.097988229	0.618704117
ENSORLG000000013847	knq2a	inward rectifier potassium channel 2 [Source:NCBI;gene:Acc:101173391]	3.621356149	1.558335581	-1.609555495	0.453948066
ENSORLG000000018140	nenf	neurexin neurotrophic factor [Source:NCBI;gene:Acc:101158154]	4.774939673	2.686210852	0.23904024	2.328253414
ENSORLG00000001088	h2ahy2	H2A histone family, member Y2 [Source:ZFIN;Acc:ZDB-GENE-050913-114]	3.701083622	0.56816011	-0.361204323	2.772203964
ENSORLG000000008263	antir1	smoothelin B [Source:ZFIN;Acc:ZDB-GENE-070912-2]	3.084533589	1.203052041	-2.746388999	-0.38433077
ENSORLG00000006421	-	-	5.038384624	-0.674263864	-4.580333358	1.13283015
ENSORLG000000017246	-	-	7.605588836	1.790998806	-6.529461192	-0.714386673
ENSORLG000000004646	rimk1a	ribosomal modification protein rimk-like family member A [Source:ZFIN;Acc:ZDB-GENE-040912-29]	4.283700816	1.790173797	-0.603951318	1.890060848
ENSORLG000000013012	phf2	PHD finger protein 2 [Source:ZFIN;Acc:ZDB-GENE-050302-10]	3.628216111	0.887086623	-0.662611808	2.079048215
ENSORLG000000010337	skv1b1	alko-keto reductase family 1, member B1 (aldose reductase) [Source:ZFIN;Acc:ZDB-GENE-040625-7]	5.114969334	0.167743529	-2.37907411	2.568636412
ENSORLG000000010577	spag9a	sperm associated antigen 9a [Source:ZFIN;Acc:ZDB-GENE-070820-7]	4.908692437	2.155229412	-0.72962196	2.024322173
ENSORLG000000017480	-	-	6.054135127	4.322833359	-2.493885633	-0.762098982
ENSORLG000000005833	-	-	4.24956813	2.457526183	-0.248871351	1.543654733
ENSORLG000000002068	-	-	3.627490471	1.034728241	0.288222354	2.881469456
ENSORLG000000014809	-	-	3.885279994	0.32942374	-1.129650404	2.426641294
ENSORLG000000005880	wnt2ba	wingless-type MMTV integration site family, member 2Ba [Source:ZFIN;Acc:ZDB-GENE-030717-2]	6.623956743	2.65449191	-2.023238707	1.946709897
ENSORLG00000006089	-	-	5.2361888	2.141735029	-1.51071275	1.563867427
ENSORLG000000012231	-	-	3.543541877	1.16374021	-0.587333184	1.799524460
ENSORLG00000004915	cfd4a	C/EBP4 molecule [Source:NCBI;gene:Acc:101158776]	5.231951564	2.57876626	-2.533786462	0.098846661
ENSORLG000000014109	abca1a	ATP-binding cassette, sub-family A (ABC1), member 1A [Source:ZFIN;Acc:ZDB-GENE-031006-12]	3.415317728	1.454090485	-0.421204107	1.540517628
ENSORLG000000002227	smad6a	SMAD family member 6a [Source:ZFIN;Acc:ZDB-GENE-011015-1]	4.699180449	0.765481779	-1.619605712	2.314578273
ENSORLG000000005581	-	-	5.641137516	1.270842636	-1.812115136	2.556664833
ENSORLG000000007617	hwa10b	homeobox protein Hox-A11b [Source:NCBI;gene:Acc:101158794]	3.744986933	0.735500592	-2.27324389	0.736726449
ENSORLG000000002005	NRP1 (I of III)	neuropilin 1 [Source:HGNC;Symbol:Acc:HGNC:8004]	3.89614831	1.544897309	-1.994615897	-0.149413864
ENSORLG000000008341	cdc4b	phosphodiesterase 4C, cAMP-specific b [Source:ZFIN;Acc:ZDB-GENE-030131-4075]	3.394468826	0.843943396	-1.066175095	1.484833009
ENSORLG000000017462	zak	sterile alpha motif and leucine zipper containing kinase AZK [Source:ZFIN;Acc:ZDB-GENE-070912-386]	4.922693995	2.218853031	-0.575081004	2.129246057
ENSORLG000000010047	-	-	4.55216777	2.595311892	-1.339690788	0.620432877
ENSORLG000000002943	cldn11b	claudin 11b [Source:ZFIN;Acc:ZDB-GENE-010328-13]	18.28213443	0	-4.557981041	13.72464494
ENSORLG000000003829	ptger4b	prostaglandin E receptor 4 (subtype EP4) b [Source:ZFIN;Acc:ZDB-GENE-060531-102]	4.96939269	0.902533535	-3.449056394	0.618287389
ENSORLG000000010012	PRDX6	peroxiredoxin 6 [Source:HGNC;Symbol:Acc:HGNC:11041]	4.577111041	0.347253733	-2.45972322	1.77061878
ENSORLG000000008569	proxa	protein X, vitamin K-dependent plasma glycoprotein a [Source:ZFIN;Acc:ZDB-GENE-061013-403]	3.873659007	1.707225881	0.199696889	2.366612413
ENSORLG000000017475	snai2	snail family transcriptional repressor 2 [Source:NCBI;gene:Acc:101173267]	3.783857967	1.442333815	-1.648379507	0.693628938
ENSORLG000000016383	-	-	5.585278806	3.424164647	-1.481773971	0.680108518
ENSORLG000000016417	-	-	3.907748821	2.541156127	-0.346849452	1.6073883123
ENSORLG000000006367	aldoa	fructose-bisphosphate aldolase A [Source:NCBI;gene:Acc:10049249]	3.92921249	1.121857103	-0.722496085	2.08534436

ENSORLG00000014384	iqsec2b	IQ motif and Sec7 domain 2b [Source:ZFINAcc:ZDB-GENE-081105-73]	4.799091026	2.170266976	-0.544278399	2.085030313
ENSORLG00000016536	-	-	5.328912183	2.682623419	-2.668914864	-0.024140956
ENSORLG00000006759	-	-	5.178147663	2.472157643	-1.53473967	1.171699781
ENSORLG00000008769	sic5a2	solute carrier family 5 (sodium/glucose cotransporter), member 2 [Source:ZFINAcc:ZDB-GENE-040426-2498]	6.037200971	1.129266941	-4.383904055	0.52448558
ENSORLG00000008332	frp2	secreted frizzled-related protein 2 [Source:ZFINAcc:ZDB-GENE-061013-293]	5.316925473	0.867469437	-1.567923456	2.882027203
ENSORLG00000012630	-	-	3.700961246	0.822585797	-1.613069054	1.265726346
ENSORLG00000011596	si.ch211-15b1	si.ch211-15b10.6 [Source:ZFINAcc:ZDB-GENE-160728-113]	4.397113825	2.507416281	-0.665860106	1.224322578
ENSORLG00000012064	adm2a	adrenomedullin 2a [Source:ZFINAcc:ZDB-GENE-041210-100]	4.787241713	0.478456522	-2.392009142	1.917261005
ENSORLG00000012990	lam98b	family with sequence similarity 98, member B [Source:ZFINAcc:ZDB-GENE-061201-63]	3.186615274	0.489956112	-1.032007342	1.6651373
ENSORLG00000005003	-	-	4.576795554	1.123360333	-1.674677277	1.779248659
ENSORLG00000013198	-	-	3.482207158	1.917921352	-0.152563659	1.717350077
ENSORLG00000017322	trmem30aa	transmembrane protein 30Aa [Source:ZFINAcc:ZDB-GENE-040704-26]	3.425052407	1.410658572	-0.402376474	1.612502329
ENSORLG00000016859	thbs1	Oryzias latipes thrombospondin 1 (thbs1), mRNA [Source:RefSeq mRNA,Acc:NM_001163128]	3.817910056	1.830718937	-2.128031333	-0.140354723
ENSORLG00000016427	ph2	punctophilin 2 [Source:ZFINAcc:ZDB-GENE-030131-9848]	7.687678169	2.611984413	-2.669024331	2.406838314
ENSORLG00000007377	smad1	SMAD family member 1 [Source:ZFINAcc:ZDB-GENE-991119-8]	3.45163959	1.657903894	0.367910473	2.162130653
ENSORLG00000008649	ggt1b	gamma-glutamyltransferase 1b [Source:ZFINAcc:ZDB-GENE-110408-13]	4.234109248	-3.042080343	-3.56581957	3.710855364
ENSORLG00000003556	c3h4	profh 3-hydroxylase family member 4 (non-enzymatic) [Source:ZFINAcc:ZDB-GENE-030131-1599]	3.297250063	2.018019712	0.72060133	2.00031647
ENSORLG00000000788	HPGD	15-hydroxyprostaglandin dehydrogenase (NAD+)	4.896197432	1.473062255	-1.603152264	1.823467592
ENSORLG00000005397	anapc2b	anapc2b [Source:NCBI gene,Acc:101154790]	5.365893889	2.973205133	-2.871211048	1.389063393
ENSORLG00000008911	-	-	6.719603869	2.872463394	-2.811461392	1.065472028
ENSORLG00000003354	NRCAM (1 of	neuronal cell adhesion molecule [Source:HGNC Symbol,Acc:HGNC:7944]	3.986307765	2.245339717	0.523379442	2.264832766
ENSORLG00000013880	alka2a	ALK and LTK ligand 2a [Source:ZFINAcc:ZDB-GENE-100922-116]	15.6354608	12.83678612	-0.807980003	1.991162527
ENSORLG00000014792	fbx2	F-box 2 [Source:HGNC Symbol,Acc:HGNC:11871]	4.784190135	1.508059893	-2.229912985	1.062785125
ENSORLG00000018533	scs2	schistosin [Source:ZFINAcc:ZDB-GENE-110411-139]	4.819715961	2.907182015	-1.665897656	0.247133556
ENSORLG00000008715	sox1b	suppressor of cytokine signaling 1 [Source:NCBI gene,Acc:101165453]	4.462041274	1.119814454	-2.264672762	1.078039073
ENSORLG00000010712	DDA1	dimethylarginine dimethylaminohydrolase 1 [Source:NCBI gene,Acc:101157285]	4.624960097	1.79702084	-0.961539839	1.866885738
ENSORLG00000015318	lum	lumican [Source:ZFINAcc:ZDB-GENE-141625-24]	6.278180077	2.831896433	-2.104388678	1.292376888
ENSORLG00000016925	PKFB2	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 2 [Source:HGNC Symbol,Acc:HGNC:8873]	3.656596777	0.671474566	-0.724049525	2.26298948
ENSORLG00000016484	tyr4	EYA transcriptional coactivator and phosphatase 4 [Source:ZFINAcc:ZDB-GENE-050327-83]	4.291274365	0.940991111	-1.621888609	0.731880166
ENSORLG00000011281	fat2	FAT atypical cadherin 2 [Source:ZFINAcc:ZDB-GENE-111031-11]	4.299062629	0.968102046	-1.304509748	2.026937386
ENSORLG00000007877	snx10c	sorting nexin 10 [Source:NCBI gene,Acc:101158699]	4.700509215	2.023085117	-1.835471086	0.842435258
ENSORLG00000010570	si.ch73-62121	si.ch73-62121.1 [Source:ZFINAcc:ZDB-GENE-120215-179]	4.00024254	2.037758056	0.891220494	2.854189622
ENSORLG00000005340	ddc	Oryzias latipes dopa decarboxylase (ddc), mRNA [Source:RefSeq mRNA,Acc:NM_001160445]	5.779664513	-0.15490273	-4.23066359	1.696986321
ENSORLG00000001827	ocs49	protoporphyrin oxidase subunit 49 [Source:ZFINAcc:ZDB-GENE-060927-11]	4.627432368	0.418120989	-2.344653303	1.86514347
ENSORLG00000011507	inpp5f	inositol polyphosphatase-5-phosphatase 1 [Source:ZFINAcc:ZDB-GENE-051127-29]	3.145767404	1.226596	0.964381234	2.884037391
ENSORLG00000015075	-	-	5.378476441	1.742411169	-0.786253828	2.80846662
ENSORLG00000010457	lmo1a	homeobox protein 1 [Source:NCBI gene,Acc:101161630]	4.527131232	1.775085488	-2.86140302	-0.108873007
ENSORLG00000012924	sh3dgr	SH3 domain-binding glutamic acid-rich-like protein [Source:NCBI gene,Acc:101175670]	3.240630776	2.079633371	-0.208382201	0.953101383
ENSORLG00000005230	gb	Hemoglobin subunit beta [Source:NCBI gene,Acc:101158593]	9.901583752	0.038179361	-23.29657044	-13.43317725
ENSORLG00000006046	HGFAC	HGF activator [Source:HGNC Symbol,Acc:HGNC:4894]	5.029161546	1.754829518	-1.13369071	2.141124381
ENSORLG00000002540	toil	toil-like receptor 7 [Source:NCBI gene,Acc:101162959]	3.296446396	1.429185735	-0.507423574	1.360320956
ENSORLG00000007219	EPH3B	EPH receptor B3 [Source:HGNC Symbol,Acc:HGNC:3394]	4.226826807	2.860424153	-1.39418376	1.89418376
ENSORLG0000001090	wab70b	switching B cell complex subunit SWAP70B [Source:ZFINAcc:ZDB-GENE-030131-3987]	4.341836844	1.940980432	-1.102328416	1.299012312
ENSORLG00000015535	-	ILM and secreted cell antigen-like-containing domain protein 1 [Source:NCBI gene,Acc:101164852]	4.191133451	2.264158691	-0.54465782	1.381993757
ENSORLG00000012219	-	-	3.967193749	1.721353777	-0.938976888	1.309348683
ENSORLG00000017799	-	actn, alpha cardiac [Source:NCBI gene,Acc:101161456]	4.226826807	2.860424153	-1.139418376	1.89418376
ENSORLG00000013941	-	-	3.071791759	1.60290228	-1.38989743	0.079413123
ENSORLG00000011743	em3	echinoderm microtubule associated protein like 3 [Source:ZFINAcc:ZDB-GENE-110304-3]	3.141636564	1.105611721	-2.116289706	-0.07971943
ENSORLG00000013964	-	-	4.742152368	1.553118502	-2.251962618	0.937555878
ENSORLG00000002584	unm_sar80b	un-named sar80b [Source:ZFINAcc:ZDB-GENE-120727-211]	3.430973437	1.468511922	-0.375420629	1.587525372
ENSORLG00000008800	chrna2b	cholinergic receptor, nicotinic, alpha 2b (neuronal) [Source:ZFINAcc:ZDB-GENE-041001-99]	3.077194133	-0.038635355	-3.404194272	-0.287879804
ENSORLG00000012186	-	uncharacterized LOC101163284 [Source:NCBI gene,Acc:101163284]	3.375786221	2.791922346	-0.878067074	-0.293718205
ENSORLG00000014541	KUN	transcription factor AP-1 [Source:NCBI gene,Acc:101174822]	3.238377869	0.598304101	-0.881194401	1.759364176
ENSORLG00000014027	pcd1	pterin-4 alpha-carbinolamine dehydratase/dimenzation cofactor of hepatocyte nuclear factor 1 alpha [Source:ZFINAcc:ZDB-GENE-040426-1787]	3.002144795	0.646526889	-1.306057039	1.05001014
ENSORLG00000015413	pcf1b	POF1B, actin binding protein [Source:ZFINAcc:ZDB-GENE-030131-4287]	3.276899153	0.027277187	-2.220848439	1.02925823
ENSORLG00000000363	gpr171	G protein-coupled receptor 171 [Source:ZFINAcc:ZDB-GENE-131121-339]	3.708529093	0.419028771	-4.295796666	-1.005812615
ENSORLG00000018199	ahr1b (1 of m	aryl hydrocarbon receptor 1b [Source:ZFINAcc:ZDB-GENE-050922-1]	4.967843459	4.543750077	-0.800578027	-0.376001689
ENSORLG00000016107	-	-	6.457113982	3.427458818	-3.023328756	0.006813743
ENSORLG00000000900	camk2b2	calcium/calmodulin-dependent protein kinase (CaM kinase) II beta 2 [Source:ZFINAcc:ZDB-GENE-080312-34]	3.80777858	0.79833557	-1.102412794	1.907537763
ENSORLG00000005279	trio6	rho guanine nucleotide exchange factor b [Source:ZFINAcc:ZDB-GENE-030616-399]	3.514273017	0.874661189	-1.307741085	1.332356343
ENSORLG00000003210	-	-	4.245782118	1.1529443	-2.609514742	0.483808378
ENSORLG00000006783	psmb8a (1 of	proteasome subunit beta 8A [Source:ZFINAcc:ZDB-GENE-990415-141]	5.630527576	1.44415249	-1.608549485	2.578310647

	ENSORLG0000004124	APCDD1	APC down-regulated 1 [Source:HGNC Symbol;Acc:HGNC:15718]	3.003406766	1.916647796	-2.606888656	-1.519644704
	ENSORLG0000004814	si:dkay-110c1	si:dkay-110c1.10 [Source:ZFIN;Acc:ZDB-GENE-050208-429]	7.093589594	3.187876542	-3.65207662	0.254115179
	ENSORLG00000015972	ephb1	EPH receptor B1 [Source:ZFIN;Acc:ZDB-GENE-070912-219]	4.688014566	3.107297587	0.959761416	2.540964297
	ENSORLG0000002885	-	-	4.469037189	1.139342219	-1.613538516	1.716640609
	ENSORLG0000001785	P2RY4	pyrimidinergic receptor P2Y4 [Source:HGNC Symbol;Acc:HGNC:8844]	5.258742324	2.15444879	-1.815143859	1.289438264
	ENSORLG0000001284	si:ch211-214f	si:ch211-214f.1 [Source:ZFIN;Acc:ZDB-GENE-060526-100]	3.536112616	-0.895213993	-1.796534482	2.63727781
	ENSORLG00000006529	bnip6	bone morphogenetic protein 6 [Source:ZFIN;Acc:ZDB-GENE-050306-49]	6.14979308	1.140250119	-3.104242977	1.905732287
	ENSORLG00000017009	hnt5ab	family with sequence similarity 46, member Ab [Source:ZFIN;Acc:ZDB-GENE-071004-35]	4.108515787	1.021768365	-1.535802833	1.551428999
	ENSORLG00000009755	-	-	4.896148744	2.514680108	-0.962076776	1.419976055
	ENSORLG00000004036	-	-	3.064767536	0.89790624	-0.90386505	1.269280157
	ENSORLG00000000775	-	myosin 11 [Source:NCBI;gene:Acc:101172658]	5.258731679	1.276434448	-2.633395087	1.349387605
	ENSORLG00000012106	slc41a1	solute carrier family 41 (magnesium transporter), member 1 [Source:ZFIN;Acc:ZDB-GENE-030131-4700]	4.294608153	0.610657378	-1.187953699	2.496480657
	ENSORLG00000016850	PRKCZ	protein kinase C zeta [Source:HGNC Symbol;Acc:HGNC:9412]	3.498225783	0.20032312	-0.391938866	2.906453294
	ENSORLG00000008220	ar-alpha	Oxyrias latipes androgen receptor beta (ar-alpha) mRNA [Source:RefSeq mRNA;Acc:NM_001122911]	4.318650365	2.703748553	-0.688855146	0.926531492
	ENSORLG00000016176	-	-	4.638053581	1.545054985	-1.821287324	1.272196297
	ENSORLG00000007487	aatka	apoptosis-associated tyrosine kinase 4 [Source:ZFIN;Acc:ZDB-GENE-100812-4]	3.983576429	1.74639728	-1.20899183	1.02875579
	ENSORLG00000006554	alx4b	ALX homeobox 4b [Source:ZFIN;Acc:ZDB-GENE-050208-140]	15.7084424	12.17542792	-4.387320218	-0.853817851
	ENSORLG00000011441	dock11	dedicator of cytokinesis 11 [Source:ZFIN;Acc:ZDB-GENE-060503-196]	4.505987704	1.818028773	-2.261772057	0.426671347
	ENSORLG00000015292	pip4k2cb	phosphatidylinositol 5-phosphate 4-kinase type-2 gamma [Source:NCBI;gene:Acc:101137218]	4.052509911	0.546010901	-0.967203085	2.53977904
	ENSORLG00000021309	RF0045	small nucleolar RNA SNORA73 family [Source:NCBI;gene:Acc:111947131]	4.466729743	2.260750366	0.790703772	2.997168413
	ENSORLG00000004371	dic5a	chloride intracellular channel 5a [Source:ZFIN;Acc:ZDB-GENE-041114-84]	5.76785201	1.565337096	-2.269611922	1.933388177
	ENSORLG00000018204	fos2	fos-like antigen 2 [Source:ZFIN;Acc:ZDB-GENE-070209-164]	5.375191582	1.33330999	-1.978306692	2.064038315
	ENSORLG00000018163	-	-	5.038138823	0.806782899	-15.97261637	-11.74109194
	ENSORLG00000015172	mx1	max interactor 1, dimerization protein [Source:ZFIN;Acc:ZDB-GENE-090415-151]	3.791509547	1.400431251	-0.80145146	1.590111678
	ENSORLG00000003939	agp10b	agapinon 10b [Source:ZFIN;Acc:ZDB-GENE-060503-57]	4.018528542	-0.342818939	-1.53383841	2.877992819
	ENSORLG00000018046	-	-	4.824365597	1.75987691	-2.539567922	0.525405786
	ENSORLG00000009010	ephb3a	eph receptor B3a [Source:ZFIN;Acc:ZDB-GENE-990415-60]	4.194918755	1.896223847	-1.395513327	0.901666039
	ENSORLG00000015556	znf703	zinc finger protein 703 [Source:ZFIN;Acc:ZDB-GENE-010717-11]	3.360244029	0.969240801	-2.253604334	0.137883412
	ENSORLG00000017460	cers1	ceramide synthase 1 [Source:ZFIN;Acc:ZDB-GENE-050208-406]	5.759735596	2.440545148	-2.809978756	0.509702164
	ENSORLG00000015711	bvm	basic, immunoglobulin-like variable motif containing [Source:ZFIN;Acc:ZDB-GENE-010822-3]	3.056878136	0.16746299	-0.346138399	2.543762011
	ENSORLG00000012425	ptpn6	protein tyrosine phosphatase, non-receptor type 6 [Source:ZFIN;Acc:ZDB-GENE-030131-7513]	3.669098807	2.019274319	-1.700242317	-0.049933062
	ENSORLG00000014511	si:dkay-23920	si:dkay-23920.4 [Source:ZFIN;Acc:ZDB-GENE-030131-2644]	3.198959033	1.093711792	-0.891360787	1.214370321
	ENSORLG00000008635	abcd2	ATP-binding cassette, sub-family D (ALD), member 2 [Source:ZFIN;Acc:ZDB-GENE-050517-28]	3.252532775	1.955746036	-0.209986831	1.087285217
	ENSORLG00000013019	spred1	sprouty-related, EPH1 domain containing 1 [Source:ZFIN;Acc:ZDB-GENE-040426-2338]	6.767333485	4.023415674	-1.099995616	1.64441146
	ENSORLG00000003734	NFX (1 of many)	nuclear factor X [Source:HGNC Symbol;Acc:HGNC:9412]	3.254288249	1.119051718	-2.172890014	-0.037808167
	ENSORLG00000002797	csf2	csf1 skipped related transcription factor 2 [Source:NCBI;gene:Acc:101184502]	3.139956572	2.33445238	-1.511782768	-0.704787735
	ENSORLG00000012350	-	ermansyn-2 like [Source:NCBI;gene:Acc:101174464]	4.401082028	1.857398939	-4.207352604	-1.663813792
	ENSORLG00000000293	si:ch211-255f	si:ch211-255f.3 [Source:ZFIN;Acc:ZDB-GENE-141216-113]	6.381571423	2.774737609	-4.235499447	-0.628119891
HmtO VS WTO	88	ENSORLG00000006423	-	2.339253791	3.364477799	1.084686444	0.059957774
	ENSORLG00000006578	slak	slakeletin [Source:ZFIN;Acc:ZDB-GENE-040426-1506]	2.807782923	4.21202847	0.919718811	0.42434592
	ENSORLG00000003484	slal1	Src-like-adapter 1 [Source:ZFIN;Acc:ZDB-GENE-050904-3]	1.151479854	3.165758316	1.910981484	-0.102812619
	ENSORLG00000012567	RF00284	small nucleolar RNA SNORD74 [Source:NCBI;gene:Acc:111947413]	-12.63301337	5.431997698	13.32769438	-4.736825993
	ENSORLG00000006720	si:ch211-241f	si:ch211-241f.3 [Source:ZFIN;Acc:ZDB-GENE-131127-562]	1.600537159	4.200580927	2.285074952	-0.0314481725
	ENSORLG00000005961	-	-	0.882912403	4.839535112	1.619307058	-2.336830765
	ENSORLG00000003632	-	-	1.134556428	3.530942334	1.32367267	-1.072228339
	ENSORLG00000005824	gnrh3	Oxyrias latipes prepro-gonadotropin-releasing hormone (gnrh3) mRNA [Source:RefSeq mRNA;Acc:NM_001104672]	-16.426586696	3.298120449	10.25296104	-9.471256466
	ENSORLG00000016162	-	-	1.982437411	8.524040977	1.006611077	-5.534510758
	ENSORLG00000017610	cx34.5	connexin 34.5 [Source:RefSeq mRNA;Acc:NM_001104810]	1.823973426	3.942022338	-5.896033504	-0.015410833
	ENSORLG00000028284	-	-	0	16.18785857	12.81087653	-2.556708491
	ENSORLG00000021420	RF00612	small nucleolar RNA SNORD75 [Source:NCBI;gene:Acc:111947416]	-11.31474194	5.013521263	14.93990417	-1.388669234
	ENSORLG00000004107	-	-	14.80376887	16.29475678	0.566388486	-0.924138127
	ENSORLG00000017093	zpc153157	zpc153157 [Source:ZFIN;Acc:ZDB-GENE-060825-224]	2.276547709	3.497540254	-0.831083638	-2.051597365
	ENSORLG00000018146	-	-	4.267791873	4.532198469	1.428614169	1.164730348
	ENSORLG00000013850	-	-	16.5731675	10.2018165	-6.572503805	-0.72531816
	ENSORLG00000002134	-	-	4.156195454	6.69899843	-0.080642314	-1.623964693
	ENSORLG00000007211	adma	adrenomedullin [Source:NCBI;gene:Acc:100125438]	2.917671499	3.067030431	-0.214278438	-0.363159267
	ENSORLG00000011567	-	-	-13.88430321	3.237271738	14.30097484	-2.810138374
	ENSORLG00000000513	-	-	-10.71312012	5.476364924	11.6290287	-4.559967072
	ENSORLG00000007814	-	-	-5.209746021	3.915249162	0.726676626	-8.389694446
	ENSORLG00000017009	anxa2a	annexin A2, A [Source:NCBI;gene:Acc:101167451]	1.515497881	3.850292739	1.72972288	1.025458522
	ENSORLG00000015290	-	-	0.605421938	4.027117928	1.942702356	-1.478570975
	ENSORLG00000012826	-	-	1.668064006	4.611643119	2.756689853	-0.187407611
	ENSORLG00000018221	-	-	-0.046313926	3.547689863	3.014698204	-0.369901886
	ENSORLG00000008441	-	-	1.752782161	3.615325987	0.440701479	-1.455940564
	ENSORLG00000015010	slc27a1b	solute carrier family 27 (fatty acid transporter), member 1b [Source:ZFIN;Acc:ZDB-GENE-061013-872]	3.527512955	8.817929831	-1.392314959	-6.682241896
	ENSORLG00000006890	AIF1	apoptosis-inducing factor 1 [Source:NCBI;gene:Acc:101175592]	-13.56561502	3.878838639	14.89041582	-2.553547477
	ENSORLG00000005918	-	-	-4.792054685	3.827115133	0.00076633	-8.614513691
	ENSORLG00000018328	-	-	1.781770034	3.850292739	1.17292947	-0.896893171
	ENSORLG00000026888	-	-	-8.881788959	7.296217008	14.20519913	-1.912302004
	ENSORLG00000009126	erb2	Oxyrias latipes estrogen-related receptor beta type 2 (erb2) mRNA [Source:RefSeq mRNA;Acc:NM_001163091]	1.50209701	8.208995727	3.369412677	-3.336999572
	ENSORLG00000000257	-	-	8.817143358	15.99839042	4.614602785	-2.566194242
	ENSORLG00000001199	-	-	8.490048599	15.69327704	5.666318942	-1.536436843
	ENSORLG00000004277	hsd17b3	hydroxysteroid (17-beta) dehydrogenase 3 [Source:ZFIN;Acc:ZDB-GENE-040426-1339]	-2.760197371	3.189194363	4.638943094	-1.319505334
	ENSORLG00000000836	-	-	0	17.9957079	8.776357079	-8.776357079
	ENSORLG00000013321	-	-	-0.596171251	0	3.285681104	-4.403333511
	ENSORLG00000017090	-	-	10.06323355	20.01925029	1.857104209	-8.108456862

	ENSRORG0000011883	ephb6	eph receptor B6 [Source:ZFIN;Acc:ZDB-GENE-100922-51]	0.734474051	7.447299403	2.427313851	-4.285022511
	ENSRIG00000004187	-	-	2.364372005	6.710977083	-4.846034603	-9.192147038
	ENSRIG00000007108	-	-	-12.83807329	3.901003792	15.45518368	-1.283402172
	ENSRIG00000007005	-	-	3.390768654	4.548142006	2.039939115	0.883051472
	ENSRIG00000005715	olfg6	extracellular calcium-sensing receptor-like [Source:NCBI gene:Acc:101174763]	-10.72021005	5.261451258	0	-15.98166828
	ENSRIG00000004611	-	-	2.927132005	5.033639836	-1.584207646	-3.690231849
	ENSRIG00000021868	RF00271	coenzyme Q-binding protein COQ10 homolog, mitochondrial [Source:NCBI gene:Acc:101164311]	-10.16093027	5.500183451	15.5619472	-0.098031067
	ENSRIG00000011040	-	-	13.7865853	4.528957062	13.2458484	-2.136494868
	ENSRIG00000011199	-	-	2.484489351	3.455177903	0.098410547	-0.070233698
	ENSRIG00000006007	sou5	heme-binding protein sou5 [Source:ZFIN;Acc:ZDB-GENE-110718-2]	-4.101978636	3.324966349	2.293820203	-5.187078109
	ENSRIG00000016133	-	-	5.17964243	8.784710849	1.377335417	-2.27273393
	ENSRIG00000009963	-	-	-14.66705331	3.204260399	0	-17.87132015
	ENSRIG000000021451	RF00070	small nucleolar RNA SNORD29 [Source:NCBI gene:Acc:111946360]	-12.31474184	3.305502715	15.29735838	-0.322396762
	ENSRIG00000001178	-	-	1.327483849	6.326796471	2.621065209	-2.377758503
	ENSRIG00000001825	-	-	-11.05257484	5.404364915	10.65068379	-5.805766305
	ENSRIG00000009255	crot	carbamate O-acetyltransferase [Source:NCBI gene:Acc:101171357]	0.658501109	3.808104507	0.807021458	-2.342097223
	ENSRIG00000006058	C3orf80	chromosome 3 open reading frame 80 [Source:HGNC Symbol;Acc:HGNC:40048]	-1.310427329	3.159226141	0.736602615	-1.111170761
	ENSRIG00000015788	-	-	-11.69532835	5.590123959	14.26333743	-3.021625097
	ENSRIG00000000057	-	-	0	15.92564229	10.42658878	-5.49894774
	ENSRIG00000009496	-	-	0.505785748	3.502402876	-0.318088707	-3.314230875
	ENSRIG00000021468	RF00069	small nucleolar RNA SNORD24 [Source:NCBI gene:Acc:111947418]	1.497411064	7.287775155	3.10551255	-2.884370103
	ENSRIG00000011788	-	-	-12.88998421	3.088356655	13.03343677	-2.944238677
	ENSRIG00000016089	-	-	-1.401980383	4.95310516	2.318807778	-4.018807186
	ENSRIG00000021554	RF00099	small nucleolar RNA SNORD22 [Source:NCBI gene:Acc:111946360]	-14.19580257	15.6773535	2.20078903	0.719705048
	ENSRIG00000009899	-	-	18.21778804	6.333207458	10.13615805	-12.41243438
	ENSRIG00000017016	-	-	-0.085892819	5.844205651	4.899790141	-0.619820043
	ENSRIG00000021285	RF00591	small nucleolar RNA snR60/Z15Z30/Z193/17 [Source:NCBI gene:Acc:111947414]	0.724028756	3.334028655	2.556705289	-0.052810403
	ENSRIG00000017074	-	-	0	16.88620778	12.25450606	-4.431230125
	ENSRIG00000008540	-	-	-13.09797943	3.454230434	0	-16.55221593
	ENSRIG00000000253	-	-	-8.66895877	7.049034663	13.86279328	-1.854889197
	ENSRIG00000003997	-	-	-12.4455736	3.420248027	14.0549513	-3.910786004
	ENSRIG00000006867	si ch211-240n	chemokine-like receptor 1 [Source:ZFIN;Acc:ZDB-GENE-060526-126]	1.287442533	3.672975688	2.075919146	-0.309129433
	ENSRIG00000014327	-	-	-1.48865657	3.6442344	1.656622447	-3.475792401
	ENSRIG00000005912	cd81b	CD81 molecule b [Source:ZFIN;Acc:ZDB-GENE-040808-52]	2.847521327	3.911543291	1.617465387	0.653927148
	ENSRIG00000012376	ptpip1b	proline-senase-threonine phosphatase interacting protein 1b [Source:ZFIN;Acc:ZDB-GENE-051127-25]	1.960917848	3.306661368	-0.137307322	-1.476564358
	ENSRIG00000005986	-	-	2.029198587	3.012972582	0.778548167	-0.204740139
	ENSRIG00000013883	-	-	3.397486184	4.51667148	3.218804895	-0.06465404
	ENSRIG00000011796	-	-	3.88483922	3.91890428	2.678974832	1.068854115
	ENSRIG00000007086	myofl	myofelin like [Source:ZFIN;Acc:ZDB-GENE-111116-2]	0.842748128	3.420538474	2.178652336	-0.650854041
	ENSRIG00000021274	RF00281	small nucleolar RNA SNORD47 [Source:NCBI gene:Acc:111947412]	1.757039582	3.026189407	2.035193712	0.766527722
	ENSRIG00000012514	-	-	-0.003592862	5.713062113	2.086110182	-6.30062035
	ENSRIG00000000473	-	-	2.208203976	3.306163836	-0.836257819	-1.933732668
	ENSRIG00000017085	-	-	0	17.5205118	13.67108214	-3.848957462
	ENSRIG00000011753	abi3tpa	ABI family, member 3 (NESH) binding protein a [Source:ZFIN;Acc:ZDB-GENE-070912-325]	-0.478522541	3.30292313	0.0628805	-3.718076732
	ENSRIG00000001170	-	-	-9.947373942	5.693097453	13.33602251	-2.30396196
	ENSRIG00000002029	-	-	-3.383335714	7.556877654	6.96585559	-3.973893933
	ENSRIG00000006289	-	-	-11.01472351	4.792702363	15.18189415	-0.684538278
	ENSRIG00000007250	-	-	-11.55487659	4.290705652	0	-15.8455832
	ENSRIG00000011776	-	-	2.371720089	3.273248337	2.49623806	1.595196422
	ENSRIG00000011891	qhvl.4	immunoglobulin heavy variable 1-4 [Source:ZFIN;Acc:ZDB-GENE-040514-1]	2.703955716	4.820706558	2.158363525	0.042097762
Hmt VS WTT	718	ENSRIG00000008213	-	-2.252000578	0.065087827	3.186931598	0.880328174
	ENSRIG00000010936	-	-	-1.844315882	0.339103369	3.564994518	1.30260104
	ENSRIG00000016363	isca	iron-sulfur cluster assembly 2 [Source:ZFIN;Acc:ZDB-GENE-131121-486]	-2.178971946	0.455792664	3.616825719	0.982546081
	ENSRIG00000005255	-	-	-1.65188544	2.058613313	5.968977357	2.257962112
	ENSRIG00000003255	YAF2 (1 of many)	YY1 associated factor 2 [Source:HGNC Symbol;Acc:HGNC:17363]	-2.059009946	0.589514105	3.644945087	0.996095988
	ENSRIG00000017153	-	-	-11.435039927	3.540012039	17.28616339	2.311605328
	ENSRIG00000011235	nchp2	nuclear cap binding protein subunit 2 [Source:ZFIN;Acc:ZDB-GENE-020419-31]	-1.244361204	1.367364509	3.792686964	1.181446269
	ENSRIG000000009861	se26a	seizure related 6 homolog a [Source:ZFIN;Acc:ZDB-GENE-030131-8208]	-5.11596497	-0.765236823	4.934839922	0.584966153
	ENSRIG00000016956	dnajc17	DnaJ heat shock protein family (Hsp40) member C17 [Source:NCBI gene:Acc:101171293]	-3.877991568	-0.331539898	3.714203628	0.168238788
	ENSRIG00000016990	psma8	proteasome subunit alpha 8 [Source:ZFIN;Acc:ZDB-GENE-040426-2194]	-2.114369214	1.495189529	4.363165164	0.754091155
	ENSRIG00000003731	PRELID3B	PREL domain containing protein 3B [Source:NCBI gene:Acc:101164398]	-0.542028695	0.223444128	3.157409992	2.392422125
	ENSRIG00000009647	ef1ad	eukaryotic translation initiation factor 1A domain containing [Source:NCBI gene:Acc:101161651]	-1.941506539	-0.140545213	3.541356124	1.740879704
	ENSRIG00000007002	-	-	-17.53162735	1.9219937	18.51743395	-0.935698988
	ENSRIG00000008052	nx2	nuclear transport factor 2-like export factor 2 [Source:ZFIN;Acc:ZDB-GENE-050521-1]	-1.34393565	0.820084946	4.213913931	2.05037829
	ENSRIG00000008081	-	-	-11.01472351	4.792702363	15.18189415	-0.684538278
	ENSRIG00000005534	cabpnp1	histone H2A-like [Source:NCBI gene:Acc:101161532]	-5.440375745	-0.669169785	4.255132051	-0.515588247
	ENSRIG00000016378	-	-	2.57342498	-0.922419121	3.81459064	2.164076886
	ENSRIG0000001781	pdn5	prelidin 5 [Source:ZFIN;Acc:ZDB-GENE-030131-8858]	-2.715752878	0.533672047	3.715577754	0.466837748
	ENSRIG00000004537	snm15	small integral membrane protein 15 [Source:NCBI gene:Acc:101165811]	-1.671259115	0.912621825	4.77280319	2.189284369
	ENSRIG00000007945	uba3	ubiquitin-like modifier activating enzyme 3 [Source:ZFIN;Acc:ZDB-GENE-040426-2825]	-2.344837277	0.238734151	4.226612838	1.643526285
	ENSRIG00000015891	-	-	-2.498273992	-0.230746187	3.202751559	0.935754589
	ENSRIG00000007042	sm6	LSM6 homolog, U6 small nuclear RNA and mRNA degradation associated [Source:NCBI gene:Acc:101156227]	-20.62584674	2.613784967	22.32961011	-0.909531468
	ENSRIG00000001720	cln6a	CLN6, transmembrane ER protein [Source:NCBI gene:Acc:101166858]	-2.152068997	-0.624439874	3.981697455	2.454551927
	ENSRIG00000018097	-	-	-2.620454341	0.367721153	5.732362009	2.744671555
	ENSRIG00000013883	tmem18	transmembrane protein 18 [Source:NCBI gene:Acc:101158989]	-4.419316808	1.194346852	4.564497672	-1.048680746
	ENSRIG00000009116	naa50	(Naa)N-acetyltransferase 50, NADc catalytic subunit [Source:NCBI gene:Acc:101162486]	-2.749120441	1.413171693	4.797831522	0.636024338
	ENSRIG00000002783	polr2k	RNA polymerase II subunit K [Source:NCBI gene:Acc:101167378]	-4.641690103	1.931506944	6.088748836	-0.483964168
	ENSRIG00000021758	-	-	-13.30972502	2.034765866	16.30311503	0.959115159
	ENSRIG00000007998	kti12	KTI12 chromatin associated homolog [Source:ZFIN;Acc:ZDB-GENE-060825-174]	-4.674204947	1.132987684	4.575901883	-1.230810949
	ENSRIG00000008782	nek7	NIMA-related kinase 7 [Source:ZFIN;Acc:ZDB-GENE-040801-136]	-1.034549042	1.401464425	4.336787016	1.901258167

ENSRORG00000021777	-	-	0.455192128	2.48858009	3.144325218	1.111420733
ENSRORG00000016615	snrpf	small nuclear ribonucleoprotein polypeptide F [Source:NCBI gene:Acc:101170198]	-0.913066531	0.409756075	3.01701101	1.69467333
ENSRORG0000007610	-	-	2.600787674	4.932793455	3.640198149	1.308669937
ENSRORG0000007818	tmem192	transmembrane protein 192 [Source:ZFIN;Acc:ZDB-GENE-040276-2254]	-3.541113791	0.428973258	3.307314489	-0.66227493
ENSRORG00000015872	kif15	kinesin family member 15 [Source:ZFIN;Acc:ZDB-GENE-050622-16]	-0.764495819	0.742129926	3.566417038	2.060276345
ENSRORG00000003763	stk16	serine/threonine kinase 16 [Source:ZFIN;Acc:ZDB-GENE-050417-102]	0.042364464	0.899134842	3.007566687	2.151281157
ENSRORG00000015935	chmp3	charged multivesicular body protein 3 [Source:NCBI gene:Acc:101158859]	-2.223464991	1.917266231	6.475500359	2.335253638
ENSRORG00000006153	si:ch211-2759	chromosome 9 C12orf85 homolog [Source:NCBI gene:Acc:101162596]	-4.077542189	1.084750346	4.874800637	-0.287006496
ENSRORG00000011747	-	-	-5.439597852	-0.432828254	5.045273641	0.038979889
ENSRORG00000007033	surf2	surfactant 2 [Source:NCBI gene:Acc:101158543]	-4.198013135	1.611241348	3.671160386	-2.135617958
ENSRORG00000008016	-	-	-2.592166815	0.728319887	3.290437057	-0.029564502
ENSRORG00000001314	si:dkey-106g2	UPF076 protein C1494.01-like [Source:NCBI gene:Acc:101162596]	0.421119165	1.260597935	3.613172042	2.77417788
ENSRORG00000011049	mbd4	methyl-CpG binding domain protein 4 [Source:ZFIN;Acc:ZDB-GENE-040213-1]	-2.734184684	-0.124463248	4.256667246	1.647430973
ENSRORG00000002611	ufd1l	non-homologous recombination associated degradation 1 [Source:ZFIN;Acc:ZDB-GENE-040718-1]	-0.837039825	0.155201687	3.143550555	2.151794062
ENSRORG00000003175	-	-	-4.546421489	-0.034774562	5.529297055	1.012764984
ENSRORG00000005316	si:dkey-4p15.3	si:dkey-4p15.3 [Source:ZFIN;Acc:ZDB-GENE-121214-31]	-2.260651338	-0.350378737	3.168272391	1.25849471
ENSRORG00000006754	aaqab	alpha and gamma adaptin binding protein [Source:ZFIN;Acc:ZDB-GENE-040718-120]	-4.056901559	1.273254331	4.377892201	-0.951778396
ENSRORG00000002911	si:dkey-341l5	si:dkey-341l5 [Source:ZFIN;Acc:ZDB-GENE-081107-1]	-3.508768807	1.967824435	3.983271423	-1.492837875
ENSRORG00000007053	-	-	-3.301150251	0.729291674	3.962107332	0.41318023
ENSRORG00000002028	yk16	YK16 v-SNARE homolog [Source:NCBI gene:Acc:101168625]	-4.275343071	0.51356955	4.418663916	-0.369763926
ENSRORG00000012942	-	-	-2.78710082	0.496232125	5.597403078	2.314558664
ENSRORG00000006574	anc5	structural maintenance of chromosomes 5 [Source:ZFIN;Acc:ZDB-GENE-061013-288]	-0.918930611	0.537083646	3.113655526	1.658126198
ENSRORG00000005874	rad1	RAD1 checkpoint DNA exonuclease [Source:NCBI gene:Acc:101166067]	-2.923164378	0.844830487	4.903596903	1.136089972
ENSRORG00000007081	tpk1	thiamin pyrophosphokinase 1 [Source:ZFIN;Acc:ZDB-GENE-041010-176]	-14.94724334	1.280232963	17.3140268	1.087040299
ENSRORG00000003864	wdr82	WD repeat domain R2 [Source:NCBI gene:Acc:10015105]	-2.376261616	1.195587215	4.724555065	1.153191104
ENSRORG00000009100	-	-	-8.239827409	0.996109957	4.458462335	-4.76988707
ENSRORG00000005376	nl24-d1	ribosomal L24 domain containing 1 [Source:NCBI gene:Acc:101172974]	-3.70786104	2.628931867	4.594763513	-1.764469511
ENSRORG00000006479	OTCR	oligodactylin [Source:HGNC Symbol;Acc:HGNC:2517]	-1.770199943	1.293479563	4.489034508	1.408384511
ENSRORG00000005712	sgo3a	SGO3A family member 3a [Source:ZFIN;Acc:ZDB-GENE-100921-84]	-0.591135174	0.812340904	3.083337605	1.680266505
ENSRORG00000010454	-	-	-4.655840338	0.564529382	6.727178833	-
ENSRORG00000016451	-	-	-19.35762823	1.07547097	17.86979788	-3.16205109
ENSRORG00000010815	zfand1	zinc finger, AN1-type domain 1 [Source:ZFIN;Acc:ZDB-GENE-040801-269]	-5.678513428	2.324904367	7.595257663	-0.407676654
ENSRORG00000005109	polr3k	RNA polymerase II subunit K [Source:NCBI gene:Acc:101173392]	-3.119768142	2.326714045	5.14648485	-0.299512273
ENSRORG00000012724	CHRAC1	chromatin accessibility complex 1 [Source:NCBI gene:Acc:101155927]	-1.540915779	1.266786085	3.204347194	0.397130256
ENSRORG00000009594	snmcd1	survival motor neuron domain containing 1 [Source:NCBI gene:Acc:101170118]	-6.666612002	0.70951344	7.678046521	0.300567106
ENSRORG00000002198	Rf00067	small nuclear RNA SNORD15 [Source:NCBI gene:Acc:111848411]	1.278711878	1.913779475	3.252028181	2.61745029
ENSRORG00000006956	argag	poly (ADP-ribose) glycohydrolase A [Source:ZFIN;Acc:ZDB-GENE-070117-757]	-2.428826896	0.654951749	3.213408938	0.130115237
ENSRORG00000012336	rgs16	regulator of G protein signaling 16 [Source:ZFIN;Acc:ZDB-GENE-050417-393]	0.062488866	2.924848907	3.091157899	0.229281922
ENSRORG00000004999	snr46	thioredoxin like 48 [Source:NCBI gene:Acc:101174817]	-5.784815146	2.764014895	8.929590927	0.381245145
ENSRORG00000009657	hpp	phosphotyrosine phosphatase inorganic pyrophosphate phosphatase [Source:ZFIN;Acc:ZDB-GENE-070615-43]	-4.239218449	0.11887831	3.374529355	-0.983082248
ENSRORG00000009629	-	-	-3.671123267	-0.056797435	5.679539585	2.05569888
ENSRORG00000017704	fam177a1	family with sequence similarity 177 member A1 [Source:NCBI gene:Acc:101168907]	-3.11777036	0.296850814	4.184149461	0.770013023
ENSRORG00000003373	-	-	-1.504369118	0.409851735	3.464706402	1.550970284
ENSRORG00000006257	lamtor5	late endosomal/lysosomal adaptor, MAPK and MTOR activator 5 [Source:NCBI gene:Acc:101160088]	-1.954793529	0.492114356	3.149987611	0.703564643
ENSRORG00000003951	hngb1b	high mobility group box 1B [Source:ZFIN;Acc:ZDB-GENE-030131-9480]	-2.771156419	0.572369896	3.915647716	0.572606112
ENSRORG00000007322	mmp52	mitochondrial ribosomal protein L52 [Source:ZFIN;Acc:ZDB-GENE-110325-11]	-2.772087033	0.552113869	5.111133334	1.787417294
ENSRORG00000005385	cmc1	C-X9-C motif containing 1 [Source:ZFIN;Acc:ZDB-GENE-040426-2626]	-1.752418674	0.94972843	4.281219373	1.579557227
ENSRORG00000015875	-	-	-2.749507932	0.013783466	3.06697004	0.304130822
ENSRORG00000016447	cdc20	Cytoskeleton cell division cycle 20 (cdc20), mRNA [Source:RefSeq mRNA;Acc:NM_0160432]	-4.277219337	-0.013546088	3.869433311	-0.393754729
ENSRORG00000010766	-	-	-0.693772552	1.814875697	5.259245036	2.751481549
ENSRORG00000002136	-	-	-5.81004101	2.71992741	5.414888219	-3.104868588
ENSRORG00000009192	zdog1	zdog1 [Source:ZFIN;Acc:ZDB-GENE-040625-142]	-1.573829867	0.444528673	3.544591274	1.531017827
ENSRORG00000006201	-	-	-0.765147215	1.245809615	3.38764457	1.377172836
ENSRORG00000004752	rip29	glutathione S-transferase omega-1 [Source:NCBI gene:Acc:101171354]	-2.04392455	1.613762564	4.619586224	0.962715936
ENSRORG00000003832	-	-	-2.969675389	0.750158197	4.962572869	1.243223546
ENSRORG00000005153	fra10ac1	FRA10A associated CGG repeat 1 [Source:ZFIN;Acc:ZDB-GENE-041010-95]	0.036506388	0.227155492	3.032655436	2.842491447
ENSRORG000000013917	top1l	DNA topoisomerase I, like [Source:ZFIN;Acc:ZDB-GENE-060618-217]	-3.110262018	0.634501922	3.004037755	-0.740241172
ENSRORG000000015890	atp6v1e1a	V-type proton ATPase subunit E 1 [Source:NCBI gene:Acc:101155846]	-4.556435834	-0.356395957	3.25634304	-0.943208395
ENSRORG00000003995	si:dkey-6i22.5	polyamine-modulated factor 1 [Source:NCBI gene:Acc:101157851]	-3.369578671	1.655239918	6.67676546	1.652431719
ENSRORG000000005282	-	-	-1.790173311	2.048388149	6.349738229	2.511679862
ENSRORG00000014432	mks1	Mckel syndrome type 1 [Source:ZFIN;Acc:ZDB-GENE-030131-3813]	-2.886371794	0.014985336	4.754596743	1.853724458
ENSRORG000000090410	rab5f	RAB5 interacting factor [Source:ZFIN;Acc:ZDB-GENE-030131-5989]	-17.37542351	1.991118447	18.34438417	-0.021667583
ENSRORG000000016892	mrx18a	mitochondrial ribosomal protein S18A [Source:ZFIN;Acc:ZDB-GENE-041210-109]	-4.358165368	1.089086761	5.50236954	0.055602237
ENSRORG00000005646	-	-	-13.23668693	1.843188662	16.85903703	1.77861999
ENSRORG00000011142	tfp1	TCF3 fusion partner [Source:NCBI gene:Acc:101162156]	-2.635911653	0.948472119	3.65717434	0.073418507
ENSRORG00000009352	-	-	-1.195606836	0.557670154	3.921048516	2.168257227
ENSRORG000000012178	tmem230b	transmembrane protein 230b [Source:ZFIN;Acc:ZDB-GENE-070820-4]	-1.945410403	0.753449046	4.006670142	1.30829575
ENSRORG000000013523	sumo3a	small ubiquitin-like modifier 3a [Source:ZFIN;Acc:ZDB-GENE-040426-2133]	-0.99716695	0.791162829	3.557173752	1.769292816
ENSRORG000000013425	lsm5	LSM5 homolog. US small nuclear RNA and mRNA degradation associated [Source:NCBI gene:Acc:101173442]	-2.005232425	1.275243356	3.399287007	0.119296162
ENSRORG00000000512	-	-	-15.66568789	0.486610083	16.98379591	0.831987963



ENSRORG0000009553	atmin	ATM interactor [Source:ZFIN;Acc:ZDB-GENE-030616-220]	-1.637395916	0.592359065	3.090709904	0.861439714
ENSRORG0000008024	copz1	coatomer protein complex subunit zeta 1 [Source:ZFIN;Acc:ZDB-GENE-000406-6]	-4.194884974	2.162972222	6.735585167	0.37821267
ENSRORG0000006027	atn3	atn3 [Source:ZFIN;Acc:ZDB-GENE-040426-983]	-16.62320635	1.371993808	17.98628256	-0.3964763
ENSRORG0000009542	-	-	-1.09278451	1.07160537	3.64858653	1.53610974
ENSRORG0000021764	-	-	-1.116218989	15.30901549	4.86547478	0.719115491
ENSRORG0000003861	-	-	-12.78500283	2.697675914	17.01578744	1.535959476
ENSRORG0000001137	ndufa3	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 3 [Source:ZFIN;Acc:ZDB-GENE-040801-18]	-18.58421079	1.293797517	20.03074438	0.153226097
ENSRORG0000001139	fam173a	family with sequence similarity 173, member A [Source:ZFIN;Acc:ZDB-GENE-040625-59]	-0.903653746	1.654365302	4.540498074	1.982963949
ENSRORG00000015618	-	-	0.208380344	1.257750397	4.019201463	2.971316187
ENSRORG0000009636	tbn28	RNA binding motif protein 28 [Source:ZFIN;Acc:ZDB-GENE-040426-960]	-2.021120916	1.130649083	3.746754757	0.595469489
ENSRORG0000004227	dniz	DNA-type zinc finger [Source:ZFIN;Acc:ZDB-GENE-070112-1482]	-4.025072773	0.733075024	3.777664193	-0.979998241
ENSRORG00000002261	ubtq1	ubiquitin like domain containing CTD phosphatase 1 [Source:NCBI;gene:Acc:101175164]	-3.33570191	0.823237189	4.139425893	-0.019028211
ENSRORG00000018601	atg12	ATG12 autophagy related 12 homolog (S. cerevisiae) [Source:ZFIN;Acc:ZDB-GENE-071205-7]	-2.316283464	0.613692502	3.033277019	0.103806014
ENSRORG00000014805	-	-	-9.444173414	1.713166299	5.132185505	-6.024668691
ENSRORG00000012945	wrb	tryptophan rich basic protein [Source:ZFIN;Acc:ZDB-GENE-030131-7686]	-3.64713528	0.071694332	3.558022029	-0.160322856
ENSRORG00000007904	ube2w	ubiquitin-conjugating enzyme E2W (putative) [Source:ZFIN;Acc:ZDB-GENE-050506-34]	-3.110764005	2.33725761	5.490834318	0.043000197
ENSRORG00000007811	-	-	-2.605169	0.631083992	4.718385248	1.48261719
ENSRORG00000007140	polr2h	RNA polymerase II subunit H [Source:NCBI;gene:Acc:101189428]	-7.433728165	1.731301036	9.208984497	0.044441709
ENSRORG00000003083	-	-	1.617318673	4.94268656	5.156208344	1.83132231
ENSRORG00000017109	-	-	-1.015537125	0.427311333	3.247694891	1.805331193
ENSRORG00000005528	trappc2l	trafficking protein particle complex 2 like [Source:NCBI;gene:Acc:101171474]	-3.930307748	2.182517268	7.607198176	1.494857481
ENSRORG00000011425	chmp5b	charged multivesicular body protein 5 [Source:NCBI;gene:Acc:101159542]	-1.235983567	1.135504544	3.202362546	0.831359291
ENSRORG00000003041	-	-	-1.43105244	2.20819178	5.5064923	1.86772952
ENSRORG00000009874	rab2	RAB, member of RAS oncogene family-like 2 [Source:ZFIN;Acc:ZDB-GENE-060503-464]	-0.204497353	1.980985106	4.546582346	2.361584558
ENSRORG00000004700	vps36	vesicular protein sorting 36 homolog [Source:NCBI;gene:Acc:101172754]	-2.752840087	0.236514493	4.683277645	1.694407821
ENSRORG00000008901	-	-	-3.345991044	-0.888993805	4.410209649	1.953697429
ENSRORG00000016868	-	-	-4.97168988	0.90278537	6.892705513	0.02172658
ENSRORG00000009747	uroc	uroporphyrinogen III synthase [Source:NCBI;gene:Acc:101165599]	-1.205796483	0.906890507	3.82089333	1.708593065
ENSRORG00000014484	-	-	-0.42547732	2.106337454	5.371410265	2.790380337
ENSRORG00000015816	-	-	-3.3087681	-0.018649357	4.548293538	1.258659751
ENSRORG00000010498	fam135a	family with sequence similarity 135, member A [Source:ZFIN;Acc:ZDB-GENE-080130-1]	-0.835250087	0.892371768	3.100312914	1.373175962
ENSRORG00000017293	mett8	methyltransferase like 8 [Source:ZFIN;Acc:ZDB-GENE-041114-19]	-16.26336421	2.295508185	17.05182442	-1.50655793
ENSRORG00000004602	elov17a	ELCVL fatty acid elongase 7a [Source:ZFIN;Acc:ZDB-GENE-030131-6149]	-1.837031926	1.033577705	3.647015714	0.776891084
ENSRORG00000007971	ctb5	chromobox homolog 5 (HP1 alpha homolog, Drosophila) [Source:ZFIN;Acc:ZDB-GENE-030131-5553]	-1.793178257	1.18664817	4.0283985	1.049052223
ENSRORG00000000519	-	-	-1.777635799	0.416288111	3.89602457	1.502584112
ENSRORG00000001649	-	-	-1.861059623	0.411261932	3.794647212	1.522810603
ENSRORG00000008281	lyar	Lyl antibody reactive [Source:NCBI;gene:Acc:101158787]	-4.08788306	1.120770616	5.507279974	0.299110924
ENSRORG00000013308	polr2i	RNA polymerase II subunit I [Source:NCBI;gene:Acc:101158787]	-1.116439992	1.163228454	3.67471747	1.395533782
ENSRORG00000006284	BLOC1S1	biogenesis of lysosomal organelles complex 1 subunit 1 [Source:HGN;Symbol:Acc:HGN-4200]	-1.517914712	0.830670387	3.214443244	0.866343078
ENSRORG000000017183	-	-	-7.931697774	-0.980725117	4.459810299	-2.490677886
ENSRORG00000017910	morc3a	MORC family CW-type zinc finger 3a [Source:ZFIN;Acc:ZDB-GENE-030131-1502]	-2.936462092	-0.222576703	4.14261893	1.42921837
ENSRORG00000010208	vps26a	VPS26, retromer complex component A [Source:ZFIN;Acc:ZDB-GENE-040426-1108]	-5.100755065	0.765753898	6.109381597	0.243357319
ENSRORG00000008283	srrd	SRR1 domain containing [Source:ZFIN;Acc:ZDB-GENE-060825-269]	-3.852781052	0.361036437	3.557772135	-0.655560767
ENSRORG00000007375	-	-	-1.321070975	1.706210574	5.466661793	2.438685082
ENSRORG00000010845	-	-	-3.054610541	-0.772913836	5.181913869	2.906696965
ENSRORG00000002369	bnip1b	vesicle transport protein SEC20 [Source:NCBI;gene:Acc:101155624]	-1.378914	-0.145380097	3.838232258	2.605182947
ENSRORG00000010559	lts1	leucine zipper, putative tumor suppressor 1 [Source:ZFIN;Acc:ZDB-GENE-081104-431]	0.990878684	3.252971439	3.509368597	1.247761425
ENSRORG00000003347	-	-	-2.993711048	0.496493082	5.042084698	1.550365779
ENSRORG00000017929	-	-	-1.305747675	2.594350523	6.8149764	2.913411687
ENSRORG00000007453	DNAJA4	DnaJ heat shock protein family (Hsp40) member A4 [Source:HGN;Symbol:Acc:HGN-14885]	-5.057866323	-0.037633316	5.367514677	0.002770002
ENSRORG00000017604	-	-	-1.819253532	-0.615910445	3.48935419	2.286497586
ENSRORG00000010746	-	-	-0.441291664	1.002679313	3.265145844	1.821659964
ENSRORG00000011232	hfdz1	SFT2 domain containing 1 [Source:ZFIN;Acc:ZDB-GENE-040426-1350]	-2.59326092	1.153159776	4.827233234	1.081031924
ENSRORG00000020256	dun1jds	DCN1 like protein 5 [Source:NCBI;gene:Acc:101185657]	-3.12173969	0.318423524	4.676158823	1.2264778
ENSRORG00000005104	anrp25	small nuclear ribonucleoprotein 25 [Source:ZFIN;Acc:ZDB-GENE-050417-179]	-4.518718717	1.065034663	5.519304671	-0.06396216
ENSRORG00000011823	-	-	-8.239279046	0.761335175	5.355117936	-3.64501184
ENSRORG00000016960	mpf54	mitochondrial ribosomal protein L54 [Source:NCBI;gene:Acc:101160060]	-2.223990137	1.214131228	3.168005622	-0.26959964
ENSRORG00000017216	-	-	-4.615830937	1.585326886	5.404938937	-0.795435395
ENSRORG00000012015	si-ch211-11k13	si-ch211-11k13.4 [Source:ZFIN;Acc:ZDB-GENE-070912-22]	-5.276535043	-0.195648531	3.572871011	-1.507530685
ENSRORG00000006478	-	-	-1.456091785	0.686641125	3.106898491	0.964650703
ENSRORG00000013541	-	-	-0.291833172	0.907769707	3.135271088	1.938656253
ENSRORG00000009378	snx24	sorting nexin 24 [Source:NCBI;gene:Acc:101172180]	-2.468847738	1.273783471	4.289391688	0.542924507
ENSRORG000000015748	cnqa3a	cyclic nucleotide gated channel alpha 3a [Source:ZFIN;Acc:ZDB-GENE-090611-21]	-5.46290788	-0.031827161	6.94205468	1.503401139
ENSRORG00000021281	RF00026	U6 small nuclear RNA [Source:NCBI]	-0.580612668	1.83104772	5.130889704	2.739718251
ENSRORG00000007443	exoc2	exosome component 2 [Source:NCBI;gene:Acc:101162770]	-3.171039957	0.380144539	3.835414818	0.284714977
ENSRORG00000003368	RPA1 (1 of ma	replication protein A1 [Source:HGN;Symbol:Acc:HGN-10289]	-0.647491774	0.284506605	3.582500953	2.650987236
ENSRORG00000004450	wrap73	WD repeat containing, antisense to TP73 [Source:NCBI;gene:Acc:101188286]	-0.609298861	-0.023277768	3.302816773	2.717280572
ENSRORG00000012043	taf1a	TATA box binding protein (TBP)-associated factor, RNA polymerase I, A [Source:ZFIN;Acc:ZDB-GENE-041014-272]	-4.447460052	1.206136551	4.689143178	-0.963968812
ENSRORG00000012750	setb	protein SET [Source:NCBI;gene:Acc:101171505]	-2.433797037	0.436545408	3.079695689	0.209838127
ENSRORG00000017693	-	-	-4.571258789	0.483022881	4.32881891	-0.72497398
ENSRORG00000017740	-	-	-3.94859382	0.133919648	5.371705035	1.388917894
ENSRORG00000013412	dnosp2	dnocytosinase 2 [Source:ZFIN;Acc:ZDB-GENE-120419-2]	-2.290389056	-0.35650366	3.828902033	0.985499675
ENSRORG00000001212	-	-	-15.62879808	1.701940505	16.54778347	-0.782965126
ENSRORG00000014226	med18	mediator complex subunit 18 [Source:NCBI;gene:Acc:101165587]	-2.418133571	-0.013556545	3.362461844	0.958369484
ENSRORG00000005117	exoc10	exosome component 10 [Source:NCBI;gene:Acc:101172813]	-2.539383228	-0.283568584	3.728927427	1.47359765
ENSRORG00000013980	-	-	-10.13224266	4.863986355	15.953222276	0.957478594
ENSRORG00000005597	-	-	-4.338308864	0.381591162	3.848042059	-0.871373315

ENSORLG0000001815	-	-	-6.218742728	1.175775811	3.907499466	-3.486534750
ENSORLG0000000232	mphosph6	M-phase phosphoprotein 6 [Source:NCBI gene:Acc10117370]	-1.710122057	-0.212511877	3.065131723	1.568006482
ENSORLG00000015955	sp3b6	splicing factor 3b subunit 6 [Source:NCBI gene:Acc101163944]	-4.797507178	0.779991299	7.066889818	1.489875074
ENSORLG00000012697	uqcrb	cytochrome b-c1 complex subunit 7 [Source:NCBI gene:Acc101165157]	-4.552364701	2.412165623	6.768652971	-0.195392633
ENSORLG00000009342	PDCD5	programmed cell death 5 [Source:NCBI gene:Acc101170335]	-1.28044675	1.228169022	3.507452461	0.999321442
ENSORLG00000011018	-	-	-3.218315288	1.770815344	5.036416331	0.04771359
ENSORLG00000006532	-	-	-2.714843648	0.309282502	4.360981025	1.337339795
ENSORLG00000008131	map3k19	mitogen-activated protein kinase kinase kinase 19 [Source:ZFIN:Acc-ZDB-GENE-081104-149]	1.201866652	2.622266253	3.512549761	2.092635039
ENSORLG00000001966	chc1c1	cysteine-rich hydrophobic domain 1 [Source:ZFIN:Acc-ZDB-GENE-030131-7763]	-0.949920067	0.179136338	3.448562476	2.319990912
ENSORLG00000006704	-	-	-3.335176896	2.99473009	4.550834538	-1.778870888
ENSORLG00000003143	-	-	-5.238217287	0.776760753	6.995565745	0.981072186
ENSORLG000000015969	si.ch211-225b	si.ch211-225b10.3 [Source:ZFIN:Acc-ZDB-GENE-130531-53]	-1.31798629	-0.814746533	3.130702531	2.627947778
ENSORLG00000006336	-	-	-5.209909194	-0.565959863	3.798238402	-0.845226057
ENSORLG00000002362	bod1	biorientation of chromosomes in cell division 1 [Source:ZFIN:Acc-ZDB-GENE-060810-163]	-2.947933059	-0.152766698	4.565005901	1.77032503
ENSORLG00000003485	ap1s2	adaptor-related protein complex 1, sigma 2 subunit [Source:ZFIN:Acc-ZDB-GENE-030131-5448]	0.251848934	1.162740075	3.310820069	2.40041383
ENSORLG000000015691	ER3P1	immediate early response 3-interacting protein 1 [Source:NCBI gene:Acc101155933]	-2.081471837	0.839199914	3.501867559	0.581680615
ENSORLG000000014700	-	-	-5.176812119	0.197269692	4.072278253	-1.841318581
ENSORLG000000014954	sem4de	semaphorin 4e [Source:ZFIN:Acc-ZDB-GENE-990715-7]	-0.310894745	0.714022271	3.038422008	2.014820035
ENSORLG000000016530	-	-	17.57273085	15.35163127	4.37550582	1.551334838
ENSORLG00000008811	kjun1d1	DNK1-like protein 1 [Source:NCBI gene:Acc101167649]	-2.854352473	2.658692218	5.741500398	0.228940375
ENSORLG000000012852	zgc:111986	chromosome 11 C6orf62 homolog [Source:NCBI gene:Acc101167123]	0.356598952	1.794238576	4.025341432	2.588184651
ENSORLG000000017518	chm1	chiasm1 [Source:ZFIN:Acc-ZDB-GENE-040426-193d]	0.488724994	2.874070277	4.439849934	2.034988834
ENSORLG000000014060	fbx1	rna-box 1 [Source:NCBI gene:Acc101170590]	-2.417006307	0.787964822	4.194706813	0.990220736
ENSORLG000000014153	-	-	-0.407530021	1.11434332	4.435318916	2.974239961
ENSORLG00000005011	-	-	-15.40402623	1.001076845	18.08953977	1.68527682
ENSORLG000000005979	saal1	serum amyloid A-like 1 [Source:ZFIN:Acc-ZDB-GENE-040426-72s]	-2.930909188	-0.391781029	4.681009866	2.142366902
ENSORLG000000012528	-	-	-0.550199452	1.214251615	3.036836887	1.272870884
ENSORLG000000069817	-	-	-2.552929673	-0.252082823	4.13801895	0.836440111
ENSORLG00000005711	tm4a	thioredoxin like 4A [Source:NCBI gene:Acc101166315]	-3.645797629	1.450195559	5.523393952	0.428947775
ENSORLG00000007900	atocb	atocan C [Source:NCBI gene:Acc101173584]	-6.285496008	2.301282256	7.560492667	-1.028800732
ENSORLG000000010415	dhps	deoxyhypusine synthase [Source:NCBI gene:Acc101170086]	-0.780682412	0.709920319	3.087423899	1.597315078
ENSORLG000000011717	ube2d4	ubiquitin-conjugating enzyme E2 D4 [Source:NCBI gene:Acc101172587]	-8.126296093	1.785496675	10.50009179	0.588789056
ENSORLG00000006138	glod5	glyoxalase domain containing 5 [Source:NCBI gene:Acc101168784]	-2.235972122	0.414378465	3.311243411	0.661377582
ENSORLG000000016132	-	-	-3.953722807	-0.228806115	3.493768534	-0.230674722
ENSORLG000000020469	bloc16	biogenesis of lysosomal organelles complex 1 subunit 6 [Source:NCBI gene:Acc101172565]	-2.233801152	0.252711894	3.383876374	0.897848537
ENSORLG000000016957	lms32a	family with sequence similarity 32 member A [Source:NCBI gene:Acc101159813]	-1.512077092	0.547512417	5.00650013	2.947395437
ENSORLG00000003070	cnps	centromere protein 3 [Source:NCBI gene:Acc101169348]	-1.268453167	0.418549021	3.303677423	1.6181160231
ENSORLG000000021348	rfl0309	small nucleolar RNA snR60/Z15/Z30/Z193/17 [Source:NCBI gene:Acc111947415]	-3.035678495	2.791306435	6.289618997	0.463122092
ENSORLG000000015281	asdurf	asparagine synthetase domain containing 1 [Source:NCBI gene:Acc111946260]	-2.139004391	0.846828407	3.139863007	0.154514934
ENSORLG00000006055	ngn	neugrin, neurite outgrowth associated [Source:NCBI gene:Acc101159100]	-2.960001426	-0.184916011	3.131620781	0.357020315
ENSORLG00000006670	nuc2a	nucleolin 2a [Source:ZFIN:Acc-ZDB-GENE-030826-14]	0.274414246	2.014081351	3.554687477	1.81550523
ENSORLG00000002350	trmt12	RNA methyltransferase subunit 11-2 [Source:NCBI gene:Acc101155291]	-3.514505213	0.563871183	4.217483251	0.139591653
ENSORLG000000015322	-	-	-2.792808069	-0.291335566	3.644892092	1.14390523
ENSORLG000000012129	bnp3a	BCL2 interacting protein 3 like a [Source:ZFIN:Acc-ZDB-GENE-030131-228f]	-1.608105996	1.297903877	3.683684803	0.778159858
ENSORLG000000010326	-	-	-3.855240855	0.058483573	6.14846535	2.505224169
ENSORLG000000015994	spcs1	signal peptidase complex subunit 1 [Source:NCBI gene:Acc101160314]	-2.237033199	1.518120435	3.510077138	-0.244591598
ENSORLG000000013809	bud31	BUD31 homolog [Source:NCBI gene:Acc101174835]	-3.172086108	1.901884346	5.01978522	-0.053700292
ENSORLG000000012977	-	-	-1.04528621	1.580045053	4.190945049	1.566098706
ENSORLG000000017157	zbtb8os	zinc finger and BTB domain containing 8 opposite strand [Source:NCBI gene:Acc101154822]	-1.724370183	2.089982931	4.041873243	0.228005059
ENSORLG000000014275	yju2	YJU2 splicing factor homolog [Source:ZFIN:Acc-ZDB-GENE-040426-84f]	-4.236341554	-0.207559588	3.876489309	-0.151807947
ENSORLG000000017897	pp2r3c	protein phosphatase 2 regulatory subunit B, gamma [Source:ZFIN:Acc-ZDB-GENE-040426-71s]	-3.467519098	1.083938132	5.541415672	0.990443073
ENSORLG00000001671	-	-	-0.459516024	0.253563735	3.7462799	2.562033147
ENSORLG000000004653	psmh3	proteasome (prosome, macropain) assembly chaperone 3 [Source:ZFIN:Acc-ZDB-GENE-040718-282]	-1.925350354	1.508106777	4.136207047	0.703235887
ENSORLG000000016959	-	-	-3.492960278	1.782183369	7.549723177	2.274529036
ENSORLG000000010194	-	-	-0.283693544	0.872493006	3.027138774	1.861764472
ENSORLG00000006361	fen1	flap structure-specific endonuclease 1 [Source:NCBI gene:Acc101158562]	-1.307069428	0.245137358	3.227722202	1.676000179
ENSORLG000000016318	gstz1	glutathione S-transferase zeta 1 [Source:NCBI gene:Acc101162471]	-4.853594658	1.113728839	5.151882633	-0.814895722
ENSORLG000000002795	mrrp37	mitochondrial ribosomal protein S17 [Source:NCBI gene:Acc101159284]	-4.847055561	1.50218494	6.607078594	0.25832056
ENSORLG000000004007	-	-	11.77026745	13.87572389	3.924250737	1.819213674
ENSORLG000000009091	ube2a	ubiquitin-conjugating enzyme E2 A [Source:NCBI gene:Acc101158022]	-3.438124818	2.97552634	5.749674532	-0.645517655
ENSORLG000000010757	-	-	-0.551698662	1.782070096	5.185643986	2.862368451
ENSORLG000000016425	cow6b2	cytochrome c oxidase subunit VIb polypeptide 2 [Source:ZFIN:Acc-ZDB-GENE-040426-1566]	0.853045833	1.202931958	3.100161655	2.749760545
ENSORLG000000005635	eeflakmt2	EEFLA lysine methyltransferase 2 [Source:NCBI gene:Acc101168144]	-2.476001436	2.91850206	4.82439427	-0.569624386
ENSORLG000000010369	vasna	vasonin a [Source:ZFIN:Acc-ZDB-GENE-050622-43]	0.015335050	2.872715397	3.172788268	0.316393076
ENSORLG000000004486	-	-	10.25542992	14.39966378	5.501806416	1.35804543
ENSORLG000000012749	PSMG4	proteasome assembly chaperone 4 [Source:NCBI gene:Acc101161967]	-1.470861855	0.538801309	3.207057046	1.197878761
ENSORLG000000005841	C18orf32	chromosome 18 open reading frame 32 [Source:HGNC Symbol:Acc-HGNC:31690]	-6.070982275	2.019765498	8.206985912	0.116722805
ENSORLG000000012281	prn1	DNA primase subunit 1 [Source:ZFIN:Acc-ZDB-GENE-990603-6]	-0.999085144	0.632183941	3.033628565	1.402844379
ENSORLG000000004680	glod4	glyoxalase domain containing 4 [Source:ZFIN:Acc-ZDB-GENE-040912-38]	-5.617667491	0.105636974	4.78991174	-0.932908114
ENSORLG000000010302	lmbd1	LMBR1 domain containing 1 [Source:ZFIN:Acc-ZDB-GENE-041212-38]	-2.773771403	0.706724449	3.980636093	0.500625224
ENSORLG000000015136	RANBP1	RAN binding protein 1 [Source:NCBI gene:Acc101155441]	-2.934933334	0.926723088	3.644381316	-0.216790234
ENSORLG00000000243	-	-	-2.364381492	1.747701056	5.044689853	0.933092964
ENSORLG000000011383	coa3a	cytochrome C oxidase assembly factor 3a [Source:ZFIN:Acc-ZDB-GENE-060810-187]	-3.387111035	0.808952363	3.400520672	-0.795057775
ENSORLG000000021634	rfl01299	small nucleolar RNA SNORD2 [Source:NCBI gene:Acc111949143]	5.718635616	13.9284351	10.92935521	2.72002741

ENSORLG0000010447	zfp3b	cugbp. Elav-like family member 3b [Source:ZFIN;Acc:ZDB-GENE-110408-50]	-0.70655885	1.24441808	3.505144069	1.554651894
ENSORLG0000007712	znftq	N-acetylglucosamine-1-phosphatase transferase gamma subunit [Source:ZFIN;Acc:ZDB-GENE-040625-18]	-7.845821223	1.943314541	8.0268977	-1.761747927
ENSORLG0000001586	lph	LLP homolog, long-term synaptic facilitation factor [Source:NCBI;gene:Acc:101155243]	-6.921206465	0.374877684	6.991446606	-0.304152446
ENSORLG00000017208	sst	Sjogren syndrome antigen B (autoantigen La) [Source:ZFIN;Acc:ZDB-GENE-030131-223]	-5.254284324	0.67864917	5.641611282	-0.290837535
ENSORLG00000006325	usp39	ubiquitin specific peptidase 39 [Source:NCBI;gene:Acc:101161161]	-3.323488914	0.400787331	3.508618651	-0.215174444
ENSORLG00000006428	-	-	-3.202274475	0.947206398	4.608339365	0.45934538
ENSORLG00000016887	-	-	12.61455572	14.31970561	3.15055519	1.448698724
ENSORLG00000011829	-	-	-3.393179296	-0.77265401	3.68817745	1.08364728
ENSORLG00000010497	lysd3	Ly5M, putative peptidoglycan-binding domain containing 3 [Source:ZFIN;Acc:ZDB-GENE-040625-88]	-3.380152139	0.818107177	3.783079966	-0.414694359
ENSORLG00000012275	MRPL51	mitochondrial ribosomal protein L51 [Source:NCBI;gene:Acc:101173004]	-2.837711389	0.75953212	3.737041027	0.140282574
ENSORLG00000012228	bxndc9	thioredoxin domain containing 9 [Source:NCBI;gene:Acc:101166757]	-2.034960074	1.07118929	4.788336104	1.682671498
ENSORLG00000021421	rf00619	UGatac minor spliceosomal RNA [Source:NCBI;gene:Acc:111947485]	-4.683410599	0.817586989	7.167127298	1.666614866
ENSORLG00000004878	ubfd1	ubiquitin family domain containing 1 [Source:NCBI;gene:Acc:101171414]	-4.132480774	0.924475632	6.527780575	1.471308909
ENSORLG00000014031	czep1r1	CTD nuclear envelope phosphatase 1 regulatory subunit 1 [Source:NCBI;gene:Acc:101165466]	-4.147202646	1.843014307	5.824578965	-0.165153228
ENSORLG00000012821	ctm5	dynactin subunit 5 [Source:NCBI;gene:Acc:101164808]	-2.290208754	0.815749193	4.419255551	1.313962028
ENSORLG00000004347	tas1r2a	Oryzias latipes taste receptor, type 1, member 2a (tas1r2a), mRNA [Source:RefSeq; mRNA:Acc:NM_001104958]	-3.813760597	1.408489676	5.434345672	0.212581537
ENSORLG00000003149	-	-	-2.346426362	-0.257561666	4.263739586	2.173596992
ENSORLG000000013767	-	putative uncharacterized protein DDB_G0292636 [Source:NCBI;gene:Acc:105355509]	-6.256978795	1.029562983	5.686071339	-1.599985495
ENSORLG00000011556	-	-	-3.526109848	0.373396666	4.988453117	1.089431407
ENSORLG00000006323	prkacha	protein kinase cAMP-activated catalytic subunit beta [Source:NCBI;gene:Acc:101180309]	-0.007179718	1.66285217	3.896308376	2.226761122
ENSORLG00000006663	-	uncharacterized LOC101162837 [Source:NCBI;gene:Acc:101162837]	-2.956618666	0.158161087	3.811310471	0.697015552
ENSORLG000000013934	psmd12	proteasome 26S subunit, non-ATPase 12 [Source:ZFIN;Acc:ZDB-GENE-030131-617]	-1.663488784	0.076491133	3.167183256	1.427688422
ENSORLG00000005485	-	-	-5.33544721	1.242242793	6.715244825	0.138040661
ENSORLG00000004120	-	-	-4.124542024	-0.624726061	4.375946662	0.838263328
ENSORLG00000000696	-	-	0.90189598	2.24889487	3.378952414	1.352413526
ENSORLG00000003545	-	cytochrome c oxidase protein 20 homolog [Source:NCBI;gene:Acc:101155137]	-3.230814802	0.894212865	3.79504815	-0.329494272
ENSORLG00000010609	-	-	-5.10257063	0.339314298	4.97941878	0.130331893
ENSORLG000000014870	cep57l1	centrosomal protein 57, like 1 [Source:ZFIN;Acc:ZDB-GENE-040808-27]	-4.108410223	-0.147147099	4.304281727	0.342503319
ENSORLG000000003279	-	-	-0.684935822	1.832777739	4.251670433	1.734442036
ENSORLG00000012635	si.ch211-39k3	si.ch211-39k3.2 [Source:ZFIN;Acc:ZDB-GENE-070705-180]	-3.444104673	0.128475506	4.641199611	1.069104352
ENSORLG000000013102	erh	enhancer of rudimentary homolog (Drosophila) [Source:ZFIN;Acc:ZDB-GENE-090415-571]	-2.547739894	1.878895863	5.140217435	0.714067314
ENSORLG00000003980	surf6	surfact 6 [Source:ZFIN;Acc:ZDB-GENE-040426-1333]	-2.633101159	-0.04068463	3.62517466	1.03262477
ENSORLG00000010552	smn1	survival of motor neuron 1, telomeric [Source:ZFIN;Acc:ZDB-GENE-090715-16]	-3.28232611	-0.04491632	3.377671887	0.140737098
ENSORLG00000002509	polb	DNA polymerase beta [Source:NCBI;gene:Acc:101171171]	-2.46063483	2.350328424	5.05945036	0.248973153
ENSORLG000000018035	rhov	ras homolog family member V [Source:NCBI;gene:Acc:101188050]	-2.005001399	-0.070410398	3.769885602	1.835779596
ENSORLG00000017561	hnmpa3	heterogeneous nuclear ribonucleoprotein A3 [Source:ZFIN;Acc:ZDB-GENE-060224-11]	-1.594490632	0.936303136	3.396084308	1.40575285
ENSORLG00000009041	-	-	-5.194516478	1.645761961	5.253091615	-1.588701238
ENSORLG00000009352	mindy3	MINDY lysine 48 deubiquitinase 3 [Source:ZFIN;Acc:ZDB-GENE-061110-13]	-3.045780381	0.084161764	4.971539351	1.842082327
ENSORLG00000006237	apix	actinin [Source:NCBI;gene:Acc:101162025]	-1.437064338	0.996756047	4.214064252	1.790728908
ENSORLG00000005866	gaf2h3	general transcription factor IIF, polypeptide 3 [Source:ZFIN;Acc:ZDB-GENE-040718-302]	-2.826044069	0.608932037	3.254289203	-0.280202252
ENSORLG00000006774	tbcb	tubulin folding cofactor B [Source:ZFIN;Acc:ZDB-GENE-030131-9296]	-5.462229941	1.04610739	7.206284373	0.698362499
ENSORLG000000004869	snarca1a	SWI/SNF-related, matrix-associated actin-dependent regulator of chromatin, subfamily a, containing DEAD/H box 1 a [Source:ZFIN;Acc:ZDB-GENE-050622-489]	-0.7626727	0.440127971	3.019005708	1.816690021
ENSORLG000000061676	rtf2	replication termination factor 2 [Source:ZFIN;Acc:ZDB-GENE-030131-4825]	-2.731512875	1.029738572	5.560500007	1.799733577
ENSORLG00000001308	NDCCB2	nucleobindin 2 [Source:HGNC;Symbol:Acc:HGNC:80048]	-2.158565476	-0.699224113	3.480239945	2.0233835
ENSORLG00000006425	-	-	-2.315275164	1.99789082	6.780195537	2.477548561
ENSORLG00000014924	h3gal1a	enhophilin A2 [Source:NCBI;gene:Acc:101161753]	-1.267467968	0.364298105	3.271910563	1.640429335
ENSORLG00000007823	cyf5b	cytochrome b5 [Source:NCBI;gene:Acc:101155998]	-3.345407267	0.84491714	4.440764497	0.248505312
ENSORLG00000016806	-	-	0.16093937	0.77073644	3.064363154	2.455050614
ENSORLG00000001887	rs5b	regulator of G protein signaling 5b [Source:ZFIN;Acc:ZDB-GENE-050417-359]	-0.012540795	2.095430581	3.689395169	1.581910077
ENSORLG00000007776	stmate	STM activating enhance [Source:ZFIN;Acc:ZDB-GENE-040426-1198]	-1.134640748	1.021065356	3.676224095	1.521003009
ENSORLG000000004566	-	OTU deubiquitinase, ubiquitin aldehyde binding 2 [Source:NCBI;gene:Acc:101170908]	-0.758144412	2.079226645	4.209143567	1.372257068
ENSORLG000000012430	churc1	churchill domain containing 1 [Source:NCBI;gene:Acc:101169830]	-6.583393728	1.254262871	8.448534211	0.611361421
ENSORLG00000011198	casp8	Oryzias latipes caspase-8 (casp8), mRNA [Source:RefSeq; mRNA:Acc:NM_001104788]	-1.23796628	0.939311691	3.743752903	1.566960101
ENSORLG000000007788	-	mediator complex subunit 26 [Source:NCBI;gene:Acc:101169339]	-3.649263023	0.868435855	5.155182303	0.63806144
ENSORLG000000006871	cuwdc2	CUE domain containing 2 [Source:ZFIN;Acc:ZDB-GENE-030131-6283]	-0.102394548	1.339356252	3.592121709	2.150855516
ENSORLG000000010951	trove2	TROVE domain family, member 2 [Source:ZFIN;Acc:ZDB-GENE-051113-300]	-2.083753402	0.250956014	3.169667458	0.835434002
ENSORLG00000003065	-	-	-5.353101309	0.666844911	4.499040077	-1.520376526
ENSORLG000000008669	s3gal3	ST3 beta-galactosidase alpha 2-3-sialyltransferase 3 [Source:NCBI;gene:Acc:100048271]	-0.41277524	1.210846924	3.35729075	1.734153717
ENSORLG000000010589	ccs84	coiled-coil domain containing 84 [Source:ZFIN;Acc:ZDB-GENE-080529-1174]	-1.216561229	2.354555709	4.888977603	1.318345584
ENSORLG000000014684	noi12	nucleolar protein 12 [Source:ZFIN;Acc:ZDB-GENE-040426-1035]	-5.603503032	2.384954716	4.305279512	-3.682691849
ENSORLG000000001012	ptg1	pituitary tumor-transforming 1 [Source:NCBI;gene:Acc:101159111]	-8.926557574	0.267358835	8.082143087	-1.111288266
ENSORLG000000012991	lam8a1a	family with sequence similarity 8, member A1a [Source:ZFIN;Acc:ZDB-GENE-141216-66]	-0.702164749	1.019125515	3.573749642	1.852944349
ENSORLG000000014184	atps1b	ATP synthase 1 [Source:NCBI;gene:Acc:101165095]	-2.551898782	-0.881298097	3.057938433	0.887827538
ENSORLG000000003623	birc5a	baculoviral IAP repeat-containing protein 5.2 [Source:NCBI;gene:Acc:101155061]	-1.53243842	0.561356794	3.78497231	1.691620277
ENSORLG000000014347	mecc	mitochondrial trans-2-enoyl-CoA reductase [Source:ZFIN;Acc:ZDB-GENE-050417-389]	-2.865148907	-0.103434854	3.406675133	0.64544623
ENSORLG000000003830	-	gap junction beta-6 protein-like [Source:NCBI;gene:Acc:101165708]	-2.041798556	0.006844919	3.204842709	1.15668357
ENSORLG00000001189	-	-	-0.780873015	1.439462132	4.076938587	1.857088927
ENSORLG000000013826	-	-	-5.462413399	0.779206169	5.494535695	-0.746611732
ENSORLG000000008977	kbp4	FK506 binding protein 4 [Source:ZFIN;Acc:ZDB-GENE-030131-514]	-2.705385271	0.718664536	5.9310236	2.50745887

ENSRGLG00000008266	zpc162879	zpc162879 [Source:ZFIN;Acc:ZDB-GENE-070424-92]	-2.286620065	-0.197762284	4.961503193	2.873130319
ENSRGLG00000017612	higd1a	HIG1 hypoxia inducible domain family member 1A [Source:ZFIN;Acc:ZDB-GENE-030826-15]	-2.047173215	1.878897945	3.246050936	-0.67953501
ENSRGLG00000001806	-	-	-2.854559101	0.714607847	4.405180056	0.836497759
ENSRGLG00000002086	-	-	-2.754272533	0.756628619	3.624688105	0.113102036
ENSRGLG00000003241	-	-	0.030382911	0.815811154	3.185019177	2.572269331
ENSRGLG00000004706	bndc17	thioredoxin domain containing 17 [Source:NCBI gene:Acc:101163188]	-4.266105383	2.225371642	5.379858717	-1.11113327
ENSRGLG00000000910	cox7c	cytochrome c oxidase, subunit VIIc [Source:ZFIN;Acc:ZDB-GENE-030131-8062]	-3.088687254	1.676525451	5.34423678	0.579278972
ENSRGLG00000006329	-	-	-5.07335438	-0.109682769	5.28357845	-0.679607708
ENSRGLG000000017679	BRMS1L (1 of 4)	breast cancer metastasis-suppressor 1 like [Source:HGNC;Symbol:Acc:HGNC:20512]	-2.405887235	0.238428258	3.476980416	0.833149874
ENSRGLG000000011487	efsa2 (1 of 4)	eukaryotic translation initiation factor 5A-1 [Source:NCBI gene:Acc:101166426]	-1.240496163	0.464616099	3.215539965	1.510912713
ENSRGLG000000016404	-	-	-3.533667894	1.049863835	5.077480894	0.494418888
ENSRGLG000000007116	rad18	RAD18 E3 ubiquitin protein ligase [Source:ZFIN;Acc:ZDB-GENE-040426-745]	-3.603209153	-0.0947212	4.293021597	0.7850188
ENSRGLG000000012615	yps28	YPS28, ESCRT 1 subunit [Source:NCBI gene:Acc:101164188]	-2.360391284	2.213912004	6.240864168	1.667045473
ENSRGLG000000016773	-	-	-2.565152027	0.106981741	3.87030049	1.198651748
ENSRGLG000000005437	bora	bora, aurora kinase A activator [Source:ZFIN;Acc:ZDB-GENE-041114-165]	-2.625219392	-0.243877485	3.399382552	1.018255558
ENSRGLG000000012689	mtorf3	mitochondrial transcription termination factor 3 [Source:ZFIN;Acc:ZDB-GENE-040718-359]	-3.799622676	1.168929142	3.999932225	-0.96807345
ENSRGLG000000010947	-	-	-4.407977009	-0.071653983	6.085718245	1.749929731
ENSRGLG000000090308	zpc158254	zpc158254 [Source:ZFIN;Acc:ZDB-GENE-070112-2222]	0.540257133	0.613761799	3.004853544	2.93163583
ENSRGLG000000004479	mbx	MLX, MAX dimerization protein [Source:ZFIN;Acc:ZDB-GENE-050222-316]	0.914118217	1.991097299	3.701945213	2.625451011
ENSRGLG00000007217	In3krp	inositol kinase-3 kinase [Source:NCBI gene:Acc:101163919]	-2.992084704	0.177037245	4.049163852	0.886527149
ENSRGLG00000004759	-	-	-4.650239842	2.735452147	5.833187575	-1.552021315
ENSRGLG000000015819	scnm1	sodium channel modifier 1 [Source:ZFIN;Acc:ZDB-GENE-030131-415]	-4.351193756	0.199759794	4.567919389	0.01745041
ENSRGLG000000015951	-	-	0.10190785	0.623194701	3.089854455	2.569052397
ENSRGLG000000006889	piap	phosphatidylinositol glycan anchor biosynthesis class P [Source:NCBI gene:Acc:101157891]	-4.163596122	2.52244235	6.621640556	-0.063900899
ENSRGLG000000008289	tmem107	transmembrane protein 107 [Source:ZFIN;Acc:ZDB-GENE-040426-2294]	-2.612411433	0.297827788	4.183011562	1.273302277
ENSRGLG00000009202	dic3e4	dic3e4 [Source:ZFIN;Acc:ZDB-GENE-050417-407]	-1.391390819	-0.16324886	3.107761539	1.880104243
ENSRGLG000000016304	-	-	-17.36947262	0.790613657	17.89632582	-0.263248981
ENSRGLG000000011061	efcab2	EF-hand calcium binding domain 2 [Source:ZFIN;Acc:ZDB-GENE-070521-5]	-5.938839128	1.400538041	8.499299702	1.160407762
ENSRGLG000000011222	-	-	-2.812828246	0.857132308	5.05499611	1.385521468
ENSRGLG000000005384	arpp19b	cAMP-regulated phosphoprotein 19b [Source:ZFIN;Acc:ZDB-GENE-040426-930]	-0.299999053	0.589942521	3.172830894	2.287374342
ENSRGLG000000011798	-	-	-1.390990076	-0.279602893	3.623196138	2.512393919
ENSRGLG00000007041	asf1ba	histone chaperone asf1b [Source:NCBI gene:Acc:101163979]	-4.468171993	-0.018238645	4.970886136	0.521437899
ENSRGLG000000016505	itppl1	TATA-box binding protein like 1 [Source:NCBI gene:Acc:101172784]	0.185378396	1.007980498	3.046596802	2.224475091
ENSRGLG00000006641	si:dkey-210j14	si:dkey-210j14.3 [Source:ZFIN;Acc:ZDB-GENE-131121-88]	-3.347788031	0.759175178	3.226654708	-0.873823208
ENSRGLG000000008295	bcap29	B cell receptor associated protein 29 [Source:NCBI gene:Acc:101172971]	-1.270816986	0.865308543	3.964676599	1.829306033
ENSRGLG000000008131	zmat5	zinc finger matrin-type 5 [Source:NCBI gene:Acc:101165408]	-4.094515235	1.169379299	4.78960112	-0.473808431
ENSRGLG000000015921	-	-	-5.310208896	0.585487885	5.225797169	-0.669414306
ENSRGLG000000002351	cops2	COP9 signalosome subunit 2 [Source:ZFIN;Acc:ZDB-GENE-040625-15]	-6.387802188	2.366900522	8.973516339	0.21929869
ENSRGLG000000005638	-	-	-5.643619378	0.078390755	4.544630463	-1.176894614
ENSRGLG000000009334	PIN1	peptidyl/prolyl cis/trans isomerase, NIMA-interacting 1 [Source:HGNC;Symbol:Acc:HGNC:8988]	-1.884128059	-0.046659639	3.400041223	1.563057777
ENSRGLG000000012772	ND3	NADH dehydrogenase subunit 3 [Source:NCBI gene:Acc:R054391]	-1.338170497	1.245086515	5.123848114	2.541077095
ENSRGLG000000017886	-	-	-4.121502995	0.139239884	4.599813388	0.343327477
ENSRGLG000000010867	-	-	-0.881733471	0.455921502	3.014888859	1.876897056
ENSRGLG000000008894	tpst2	tubulin polyglutamylation complex subunit 2 [Source:NCBI gene:Acc:101166689]	-1.555267561	-0.292292125	3.034167631	1.708676984
ENSRGLG000000001042	-	-	14.15961594	15.07844397	3.247586538	7.320704992
ENSRGLG000000011305	-	-	-7.277335004	-0.581857077	3.063744349	-3.831248282
ENSRGLG000000010099	-	-	-0.276886501	1.886936756	3.280946658	1.121656291
ENSRGLG000000009231	MSRB1 (1 of 4)	methionine sulfoxide reductase B1 [Source:HGNC;Symbol:Acc:HGNC:14133]	-0.223372153	0.935538863	3.60897545	2.448471437
ENSRGLG000000013152	-	-	-1.275045166	0.831431549	3.99914017	1.893148715
ENSRGLG000000005653	PRC1	protein regulator of cytokinesis 1 [Source:HGNC;Symbol:Acc:HGNC:3941]	-2.053990198	-0.008157676	3.486516314	1.441168753
ENSRGLG000000004972	ctbx3a	chromobox homolog 3a (HP1 gamma homolog, Drosophila) [Source:ZFIN;Acc:ZDB-GENE-030131-1158]	-1.993785685	0.26116031	4.047655608	1.793194434
ENSRGLG000000043395	-	-	-5.798202634	0.546199644	6.983896419	0.63997958
ENSRGLG000000008743	-	-	-1.805620382	-0.120849505	3.379148188	1.694962013
ENSRGLG000000009030	rab6a	RAB6A, member RAS oncogene family [Source:NCBI gene:Acc:101163015]	-0.374204806	1.263847948	3.219256115	1.581688414
ENSRGLG000000015773	apm1aa	protein phosphatase, Mg <sup>2+</sup> /Mn <sup>2+</sup> dependent, 1Aa [Source:ZFIN;Acc:ZDB-GENE-991102-15]	-1.049434887	1.07709902	3.281244889	1.155198845
ENSRGLG000000011795	HIST1H4D	histone H4 [Source:NCBI gene:Acc:101170364]	2.61931013	3.483685858	3.604254377	2.740363372
ENSRGLG000000005753	rik	ribokinase kinase [Source:ZFIN;Acc:ZDB-GENE-081104-321]	-2.394300398	0.869322689	3.904847361	0.641709033
ENSRGLG000000021536	Rf00443	small nucleolar RNA, H/ACA box 27 [Source:HGNC;Symbol:Acc:HGNC:32617]	-8.57561382	1.326298027	12.65252786	2.751105745
ENSRGLG0000000013085	dpcr6	DiGeorge syndrome critical region gene 6 [Source:ZFIN;Acc:ZDB-GENE-040912-125]	-6.418017847	2.472987565	8.036283882	-0.852234355
ENSRGLG000000011850	maseh2b	maseh2b [Source:ZFIN;Acc:ZDB-GENE-040426-1090]	-1.917915773	0.097788897	3.773666572	1.758446547
ENSRGLG000000005873	RFESD (1 of 4)	Rieske Fe-S domain containing [Source:HGNC;Symbol:Acc:HGNC:29567]	-2.068264851	0.082938787	4.338899921	2.186181068
ENSRGLG000000005429	nae1	neuraminidase E1 subunit 1 [Source:ZFIN;Acc:ZDB-GENE-040426-1552]	-2.051021888	0.39873815	3.821757403	1.3724824
ENSRGLG000000001867	pdcd11	PDZ domain containing 11 [Source:ZFIN;Acc:ZDB-GENE-040426-2544]	-1.309974946	-0.160839547	3.412795157	2.264140033
ENSRGLG0000000002285	snap29	synaptosomal-associated protein 29 [Source:ZFIN;Acc:ZDB-GENE-041111-226]	-1.590476203	0.434006819	3.17128231	1.687284248
ENSRGLG000000013500	mrpl42	mitochondrial ribosomal protein L42 [Source:ZFIN;Acc:ZDB-GENE-101014-1]	-7.249400904	-0.728804617	5.830011071	-0.690100055
ENSRGLG000000013567	-	-	-0.833955622	1.327681446	4.033352705	1.872008286
ENSRGLG000000007506	tpag1	dolichyl phosphate (UDP-N-acetylglucosamine) N-acetylglucosaminophosphotransferase 1 (GlcNAc-1-P transferase) [Source:ZFIN;Acc:ZDB-GENE-050309-181]	-2.894124831	-0.737082444	3.518498085	1.361940457
ENSRGLG000000000276	-	-	-0.470308988	0.970104834	3.711982117	2.22028312
ENSRGLG000000009641	zpc171566	zpc171566 [Source:ZFIN;Acc:ZDB-GENE-050309-193]	-5.249898963	0.838713808	6.32602453	0.23887899
ENSRGLG000000010444	-	-	-0.230604253	2.619850268	4.255999426	1.406029916
ENSRGLG000000009961	skp1	S-phase kinase associated protein 1 [Source:NCBI gene:Acc:101175667]	-2.697687497	0.031748491	4.269075822	1.540124802
ENSRGLG000000012239	nek2	NIMA-related kinase 2 [Source:ZFIN;Acc:ZDB-GENE-040426-752]	-2.114506173	0.259459727	4.113101443	1.739620525
ENSRGLG000000002415	-	-	-1.347920524	2.281368064	3.018889411	-0.609913497

	ENSRGLG00000021323	RF00026	U6 scilicosomal RNA [Source:NCBI]	5.797901288	7.69686026	4.273424507	2.374988824
	ENSRGLG00000002575	casp9	caspace 9, apoptosis-related cysteine peptidase [Source:ZFIN;Acc:ZDB-GENE-030825-5]	-2.062289205	0.068001997	3.028742799	0.899936285
	ENSRGLG00000000166	-	-	-2.552939471	-0.540080631	3.837207112	1.82483961
	ENSRGLG00000004394	rab34a	RAB34, member RAS oncogene family a [Source:ZFIN;Acc:ZDB-GENE-041010-197]	-0.5439456	0.331252239	3.011087061	2.325374276
	ENSRGLG000000014310	medi10	mediator complex subunit 10 [Source:NCBI gene:Acc:101156263]	-2.281949197	0.670602643	3.434200679	0.482133561
	ENSRGLG000000007844	uchl1	ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase) [Source:ZFIN;Acc:ZDB-GENE-0301131-3844]	-4.34847434	0.109578916	3.066396865	-1.391199656
	ENSRGLG00000005718	-	-	-2.314172503	0.911596049	3.542072932	0.316789844
	ENSRGLG000000017573	hwt1	nucleoredox like 1 [Source:ZFIN;Acc:ZDB-GENE-070424-115]	-11.21231398	3.337042525	16.52323144	1.974365165
	ENSRGLG000000008157	psmd6	proteasome 26S subunit, non-ATPase 6 [Source:NCBI gene:Acc:101172070]	-2.460725997	-0.407062091	3.61849877	1.565318061
	ENSRGLG000000006872	zgc-56095	ferritin, heavy subunit [Source:NCBI]	-3.482325621	1.658484438	3.674133819	-1.46619142
	ENSRGLG000000000872	-	-	0.149172625	2.12331033	3.597595495	1.623947607
	ENSRGLG000000016225	eroc1	excision repair cross-complementation group 1 [Source:ZFIN;Acc:ZDB-GENE-040426-2806]	-5.055938166	1.11616255	6.547520272	0.376366256
	ENSRGLG000000003582	medi3a	mediator complex subunit 19 [Source:NCBI gene:Acc:101157547]	-1.989216638	-0.25686174	3.106801039	1.374931222
	ENSRGLG000000004389	sod1	superoxide dismutase 1 [Source:NCBI gene:Acc:101170534]	-0.813356796	0.597185094	3.05041375	1.640356693
	ENSRGLG000000007204	arl16	ADP ribosylation factor like G1Pase 16 [Source:NCBI gene:Acc:101169134]	-6.156613057	1.022191395	7.729515241	0.552193257
	ENSRGLG000000006904	rexo4	REX4 homolog, 3'-5' exonuclease [Source:ZFIN;Acc:ZDB-GENE-050411-124]	-2.42781633	0.202556535	3.064666577	0.434778358
	ENSRGLG000000010034	ear2	ELL-associated factor 2 [Source:NCBI gene:Acc:101154988]	-1.064030334	0.081229994	3.246245852	2.101470364
	ENSRGLG000000006992	-	-	-3.338313368	-0.182366768	3.269959224	0.114500301
	ENSRGLG000000014026	tusc3	tumor suppressor candidate 3 [Source:NCBI gene:Acc:101168184]	-3.317643446	0.515058163	4.600234194	0.768017248
	ENSRGLG000000009817	slc50a1 (1 of 2)	solute carrier family 5 (sugar efflux transporter), member 1 [Source:ZFIN;Acc:ZDB-GENE-050220-111]	0.469415031	1.371616459	3.060504836	2.158788405
	ENSRGLG000000006244	ef3b	eukaryotic translation initiation factor 3, subunit B [Source:ZFIN;Acc:ZDB-GENE-040426-2900]	-3.866562526	0.895546973	4.91915607	0.158441399
	ENSRGLG000000016539	ttf5	tubulin tyrosine ligase-like family, member 5 [Source:ZFIN;Acc:ZDB-GENE-100922-288]	-2.419315087	-0.272088236	3.159576471	1.012834755
	ENSRGLG000000003409	AP3S1	adaptor related protein complex 3 subunit sigma 1 [Source:NCBI gene:Acc:101158362]	-2.034859864	1.520430979	3.422560369	-0.132245794
	ENSRGLG000000010665	ps19bp1	ribosomal protein S19 binding protein 1 [Source:NCBI gene:Acc:101172879]	-2.207905446	0.630132114	3.281904276	0.444351682
	ENSRGLG000000009347	-	-	-3.781728324	0.769487901	5.414181782	0.863453853
	ENSRGLG000000006615	-	-	-4.148138985	0.751638965	4.871638965	-0.021732751
	ENSRGLG000000008817	-	-	-3.154102839	1.830482022	6.451401847	1.467302767
	ENSRGLG000000016436	sh3bgr2	SH3 domain binding glutamate-rich protein like 2 [Source:ZFIN;Acc:ZDB-GENE-040704-38]	-2.478744847	1.151635273	3.693485991	0.063591564
	ENSRGLG000000009337	UBL5	ubiquitin like 5 [Source:HGNC;Symbol:Acc:HGNC:13738]	-4.788578985	1.229220539	6.312676767	0.295362337
	ENSRGLG000000005790	MME	membrane metalloendopeptidase [Source:HGNC;Symbol:Acc:HGNC:7154]	-6.419057143	-0.395196817	3.027981449	-2.99539399
	ENSRGLG000000008529	znf280d	zinc finger protein 280D [Source:ZFIN;Acc:ZDB-GENE-030131-2260]	-1.62017949	0.298745056	3.148974175	1.230534348
	ENSRGLG000000014824	mmps10	mitochondrial ribosomal protein S10 [Source:ZFIN;Acc:ZDB-GENE-040914-39]	-3.887032886	0.730902918	5.012004185	0.394553458
	ENSRGLG000000017525	hsp90aa1.1	heat shock protein HSP 90-alpha 1 [Source:NCBI gene:Acc:101169258]	-1.813166676	0.617346302	3.307216785	0.877188192
	ENSRGLG000000002097	-	-	-2.780813613	1.991284497	6.80859187	2.03697944
	ENSRGLG00000001862	-	-	-0.62385852	1.888816978	3.221360197	0.79907215
	ENSRGLG000000004948	-	-	-1.849347196	0.84474222	4.04321301	3.25971947
	ENSRGLG000000005351	-	-	-1.748984274	-0.251423144	16.142142954	-0.104289650
	ENSRGLG000000015326	ker1a	keratinocyte [Source:ZFIN;Acc:ZDB-GENE-041210-165]	-0.147468781	2.032865748	4.991857243	2.812005513
	ENSRGLG000000008750	stk19	serine/threonine kinase 19 [Source:ZFIN;Acc:ZDB-GENE-000616-11]	-2.603396666	0.915854851	5.058274896	1.539500668
	ENSRGLG000000012253	si.ch211-22.13	pre-mRNA-splicing factor CWC22 homolog [Source:NCBI gene:Acc:101168832]	-3.973921999	1.094976555	4.19665809	-0.871755535
	ENSRGLG000000013915	brdt	bromodomain, testis-specific [Source:ZFIN;Acc:ZDB-GENE-030131-5928]	-2.040165992	0.475984277	4.351843939	1.83617838
	ENSRGLG000000003918	slc35d2	solute carrier family 35 (UDP-GlcNAc/UDP-glucose transporter), member D2 [Source:ZFIN;Acc:ZDB-GENE-080125-1]	-1.541002145	0.527310329	4.2232102	2.155382717
	ENSRGLG000000012406	-	-	0	13.71371837	15.61639808	1.903152842
	ENSRGLG000000021531	RF00089	small nuclear RNA SNORD31 [Source:NCBI gene:Acc:11946359]	-13.78312921	2.712440177	16.40599203	-0.089087474
	ENSRGLG000000013031	-	-	-3.858668406	-0.053805004	6.003865365	2.199491341
	ENSRGLG000000008087	brd9	bromodomain containing 9 [Source:ZFIN;Acc:ZDB-GENE-080502-1]	-1.824940241	0.157685395	3.855593564	1.873453007
	ENSRGLG000000006988	-	-	-3.540274693	0.993817563	4.261471502	-0.272134342
	ENSRGLG000000008049	casp3a	caspace 3B [Source:NCBI gene:Acc:100049265]	-1.573446205	0.816564769	3.085356541	0.695350345
	ENSRGLG000000004016	-	-	-9.73485882	5.44370707	17.11039978	1.933303075
	ENSRGLG000000010111	plod2	procollagen-lysine, 2-oxoglutarate 5-dioxygenase 2 [Source:ZFIN;Acc:ZDB-GENE-070326-1]	-0.714223597	2.923851162	3.002590543	-0.635000766
	ENSRGLG000000001671	lxd1	KDEL motif containing 1 [Source:NCBI gene:Acc:101163487]	-3.509159107	0.460656443	4.299631773	0.330300973
	ENSRGLG000000011097	supt4h1	SPT4 homolog, DSIF elongation factor subunit [Source:NCBI gene:Acc:101165335]	-5.089388494	0.450240917	7.347587214	1.808442628
	ENSRGLG000000007575	bxn	thymidylate synthase [Source:NCBI gene:Acc:101173415]	-2.794815904	1.178432581	5.263849121	0.713820861
	ENSRGLG000000006183	-	-	0.304727292	1.507311219	3.886447664	2.684047684
	ENSRGLG000000012507	carntm1	carnosine N-methyltransferase 1 [Source:NCBI gene:Acc:101159445]	-4.560403638	0.768351476	3.942107494	-1.386163421
	ENSRGLG000000013156	-	-	-6.203693825	0.284532828	3.524077559	-2.963662365
	ENSRGLG000000015666	rheb1	GTP-binding protein Rheb [Source:NCBI gene:Acc:101166653]	-0.956076286	0.911735977	3.1291136	1.261786304
	ENSRGLG000000013684	zgc-92287	zgc-92287 [Source:ZFIN;Acc:ZDB-GENE-040718-350]	-7.823155989	0.811493647	4.699039797	-3.935070769
	ENSRGLG000000007422	-	-	-3.168750043	-0.748545545	3.240618288	0.820893144
	ENSRGLG000000009068	-	-	-1.820389778	1.286868026	3.836707589	0.558589791
	ENSRGLG000000009989	-	-	-0.33462297	2.574675049	4.11951121	1.810688222
	ENSRGLG000000008022	-	-	-6.1672008437	1.148819143	6.669181416	-0.646356035
	ENSRGLG000000008042	-	-	-2.940826036	-0.271120717	3.007160918	0.338545421
	ENSRGLG000000014793	-	-	-3.002115446	0.109692684	4.271765317	1.186268065
	ENSRGLG000000007057	nsa10	N(alpha)-acetyltransferase 10, NAtA catalytic subunit [Source:NCBI gene:Acc:101165304]	-1.830488013	0.454048724	3.539776975	1.257252324
	ENSRGLG000000009535	-	-	-7.588637543	0.684817012	4.5456003978	-3.727370268
	ENSRGLG000000003718	tusc2a	tumor suppressor 2, mitochondrial calcium regulator [Source:NCBI gene:Acc:101169352]	-3.584942537	-0.535509032	4.066739636	1.011791611
	ENSRGLG000000015096	-	-	-2.915515358	0.635813311	4.398813025	0.84790740
	ENSRGLG000000009179	fucm	fucose mutarotase [Source:NCBI gene:Acc:101170455]	-18.57850375	-0.607762923	17.91177869	1.941028022
	ENSRGLG000000006166	elp5	elongator acetyltransferase complex subunit 5 [Source:ZFIN;Acc:ZDB-GENE-061215-33]	-4.662021904	0.253598502	4.622404292	-0.292731319
	ENSRGLG000000003200	atpaf2	ATP synthase mitochondrial F1 complex assembly factor 2 [Source:NCBI gene:Acc:101173178]	-3.059820767	0.461675223	3.69629266	0.175281668
	ENSRGLG000000006638	pgfs	6-phosphogluconolactonase [Source:NCBI gene:Acc:101169968]	-1.648804237	0.613858148	4.24083161	1.978653801
	ENSRGLG000000006912	ap2s1	adaptor-related protein complex 2, sigma 1 subunit [Source:ZFIN;Acc:ZDB-GENE-040426-2174]	-3.848475918	1.293853013	6.135862082	0.994017851

ENSRORG0000011191	hirp3	HIRA interacting protein 3 [Source:ZFIN;Acc:ZDB-GENE-030131-5753]	-4.539177179	0.539036011	5.170444298	0.09271541
ENSRORG0000011413	vps25	vesicular protein sorting 25 homolog (S. cerevisiae) [Source:ZFIN;Acc:ZDB-GENE-050506-30]	-1.625246529	0.348416748	3.167335966	1.194157528
ENSRORG0000000887	trnsf2	transmembrane 6 superfamily member 2 [Source:ZFIN;Acc:ZDB-GENE-050503-338]	-0.536071716	4.348806184	6.637641801	1.7523254738
ENSRORG00000015648	arfgap1	ADP-ribosylation factor GTPase activating protein 1 [Source:ZFIN;Acc:ZDB-GENE-041114-130]	-3.142125258	0.89863613	4.983848234	0.952317553
ENSRORG00000003354	psmd5	proteasome 26S subunit, non-ATPase 5 [Source:ZFIN;Acc:ZDB-GENE-050417-28]	-3.921235809	0.9735476	3.96876611	-0.925531935
ENSRORG0000003332	si:dyx-147f3	si:dyx-147f3 4 [Source:ZFIN;Acc:ZDB-GENE-061009-081009]	-3.254132621	0.657387689	4.136963748	0.229480603
ENSRORG0000013172	thg1l	thymine-guanine intercalating protein 1-like [Source:ZFIN;Acc:ZDB-GENE-041114-170]	-3.419286951	1.415449751	5.448164493	0.353911095
ENSRORG0000007424	thg1l	tRNA-histidine guanylyltransferase 1-like [Source:ZFIN;Acc:ZDB-GENE-041114-170]	-3.731345236	0.499000394	3.739887886	-0.499927824
ENSRORG00000007890	-	-	-2.610167775	0.92788378	3.188102338	-0.349464296
ENSRORG00000004465	zsmc3p	PSMC3 interacting protein [Source:ZFIN;Acc:ZDB-GENE-040625-125]	-1.293760615	0.722603492	4.089695498	2.072816284
ENSRORG0000010604	ofdn6	orfodin subunit 6 [Source:NCBI;gene:Acc:101164323]	-1.824248361	1.397115019	3.851855301	0.630979002
ENSRORG0000015117	odegpl1	O-sialoglycoprotein endopeptidase-like 1 [Source:ZFIN;Acc:ZDB-GENE-030616-532]	-2.889794924	0.526372569	3.163257473	-0.252424963
ENSRORG0000001338	zgc:103692	zgc:103692 [Source:ZFIN;Acc:ZDB-GENE-041010-151]	-3.911043664	1.102416154	5.371324593	0.358349709
ENSRORG0000017350	-	arvin repeat domain-containing protein 13c-like [Source:NCBI;gene:Acc:101171363]	-2.699199384	0.040796332	3.964936382	1.31542533
ENSRORG00000008661	rik2	RIC kinase 2 (yeast) [Source:ZFIN;Acc:ZDB-GENE-040426-2913]	-2.311400517	-0.09387115	3.197002899	0.979958486
ENSRORG00000009431	mnd1	meiotic nuclear divisions 1 homolog (S. cerevisiae) [Source:ZFIN;Acc:ZDB-GENE-040801-116]	-1.855631355	-0.017660508	4.054650159	2.217164173
ENSRORG0000017529	rsrp1	arginine and serine rich protein 1 [Source:NCBI;gene:Acc:101160860]	-2.016529964	-0.028350562	3.235608078	1.247913618
ENSRORG00000002741	-	leucine rich repeat containing 34 [Source:NCBI;gene:Acc:101152773]	-1.928367595	1.045628495	3.042870958	0.069359643
ENSRORG0000010115	rab23	RAB23, member RAS oncogene family [Source:NCBI;gene:Acc:101155630]	0.261994434	0.560900718	3.028866602	2.728445078
ENSRORG00000007723	tsr3	TSK3, tsk transferase ribosome maturation factor [Source:NCBI;gene:Acc:101166503]	-3.906482057	1.887357303	4.191627303	-1.601727362
ENSRORG00000008321	-	-	-3.142315641	2.034647643	4.719778865	-0.456699338
ENSRORG00000001864	-	-	-6.543958181	0.494851947	7.396282444	0.357962378
ENSRORG00000013648	magoh	protein mago nashi homolog [Source:NCBI;gene:Acc:101167611]	-2.547214836	0.946961512	4.428092747	0.93440126
ENSRORG00000004553	chordc1b	cysteine and histidine-rich domain (CHORD) containing 1b [Source:ZFIN;Acc:ZDB-GENE-040426-1288]	-3.391809747	0.322764658	5.361937338	1.647848113
ENSRORG00000000982	apip	APAF1 interacting protein [Source:NCBI;gene:Acc:101160223]	-2.245377647	0.13074817	3.300528192	0.924887258
ENSRORG00000008290	cutc	cutc copper transporter [Source:NCBI;gene:Acc:101163753]	-1.499990402	0.446825926	4.089992433	2.143660927
ENSRORG00000007724	-	-	-3.391816322	-0.359475041	5.12008328	2.088227255
ENSRORG00000015258	zgc:56699	gametocyte-specific factor 1 [Source:NCBI;gene:Acc:101173193]	-5.279353882	0.728933566	5.757707676	-0.250094941
ENSRORG00000014486	-	-	-3.207384895	-0.697119764	3.763554511	1.253774631
ENSRORG00000016544	lam131a	family with sequence similarity 131, member A [Source:ZFIN;Acc:ZDB-GENE-080204-112]	-5.807866588	-0.173035322	3.688779281	-1.945657552
ENSRORG00000001004	ndufa1	NDUFA1, NADH dehydrogenase complex subunit 1 [Source:ZFIN;Acc:ZDB-GENE-040625-040625]	-1.449903785	0.684999607	3.780516719	1.646098179
ENSRORG00000014337	LGALS2	galactose 2 [Source:HGNC;Symbol:Acc:HGNC:6582]	-15.83745382	1.684078766	16.4681002	-1.194188971
ENSRORG00000007711	DPY19L4	dpv-19 like 4 [Source:HGNC;Symbol:Acc:HGNC:27829]	-0.70023376	0.4318484	3.49971325	2.358320217
ENSRORG00000007862	trmt10b	tRNA methyltransferase 10B [Source:ZFIN;Acc:ZDB-GENE-061013-313]	-2.281332464	1.054905761	3.110894388	-0.224858685
ENSRORG00000015882	si:ch211-1650	si:ch211-1650f3 [Source:ZFIN;Acc:ZDB-GENE-131121-61]	-1.574115913	-0.310340621	3.086850236	1.823560224
ENSRORG00000000871	plra4a	glycine receptor, alpha 4a [Source:ZFIN;Acc:ZDB-GENE-010410-3]	1.157390098	1.665573183	3.246160504	2.73846379
ENSRORG00000008002	-	-	-1.728401126	1.066451508	4.867712314	2.07534273
ENSRORG00000010263	swi5	SWI5 homologous recombination repair protein [Source:NCBI;gene:Acc:101158369]	-4.470470059	2.25259679	5.584512899	-1.138068619
ENSRORG000000010780	si:zfos-1692f10	protein CutA homolog [Source:NCBI;gene:Acc:101174485]	-2.191584317	1.245982815	5.246334451	1.809251982
ENSRORG00000016092	pfufut2	protein O-fucosyltransferase 2 [Source:ZFIN;Acc:ZDB-GENE-030131-3595]	-0.874332737	-0.088445222	3.035667388	2.250164913
ENSRORG00000009672	si:zfos-911f5	si:zfos-911f5 4 [Source:ZFIN;Acc:ZDB-GENE-130603-130603]	-1.829463248	0.704073168	3.003380742	0.467329064
ENSRORG00000013562	-	-	-2.649471733	-0.321111949	3.836319063	1.508413904
ENSRORG00000009124	semp5	SUMO specific peptidase 5 [Source:ZFIN;Acc:ZDB-GENE-050208-772]	-1.992694347	0.683117624	3.37828507	0.702957826
ENSRORG00000008457	sgk3	serum/glucocorticoid regulated kinase family member 3 [Source:ZFIN;Acc:ZDB-GENE-010424-62]	0.38014554	1.965434783	4.082044774	2.497240611
ENSRORG00000007550	-	-	-15.0470634	1.801582407	15.81331023	-1.134845527
ENSRORG00000009984	cznh	cytochrome H [Source:NCBI;gene:Acc:101159751]	-2.778912201	1.08096235	3.452874501	-0.406515011
ENSRORG00000009928	mmp11	inner mitochondrial membrane peptidase subunit 1 [Source:ZFIN;Acc:ZDB-GENE-070522-4]	-2.99544814	0.661749489	4.783166338	1.126393452
ENSRORG00000004362	mis18a	MIS18 kinetochore protein A [Source:NCBI;gene:Acc:10110115]	-1.295483368	0.282301769	4.424758927	2.6702889
ENSRORG00000002032	fbpa	fibroblast growth factor (acidic) intracellular binding protein a [Source:ZFIN;Acc:ZDB-GENE-040426-1363]	-1.544965109	0.69983602	3.297065907	1.052702213
ENSRORG00000014778	-	chromosome 7, C6orf226 homolog [Source:NCBI;gene:Acc:101170515]	-0.763111889	1.215610491	3.597942354	1.619704886
ENSRORG00000004354	HAUS1	HAUS augmin like complex subunit 1 [Source:NCBI;gene:Acc:101168976]	-3.89919474	0.51270437	4.88430777	0.472893515
ENSRORG00000007932	cnr2	neurocalin 2 [Source:ZFIN;Acc:ZDB-GENE-050706-050706]	-6.15271044	0.24684493	5.62582825	-0.716487649
ENSRORG00000009765	bzip	BRC2 and CDKN1A interacting protein [Source:NCBI;gene:Acc:101165354]	-3.062515696	0.334576723	4.414084693	1.017477397
ENSRORG00000003851	-	-	-5.02828826	0.753413936	5.495714446	-0.285508858
ENSRORG00000002724	ctd45	CDC45 cell division cycle 45 homolog (S. cerevisiae) [Source:ZFIN;Acc:ZDB-GENE-040426-2710]	-2.779765221	-0.409529155	3.334118975	0.964367749
ENSRORG00000013879	yeats4	YEATS domain containing 4 [Source:NCBI;gene:Acc:101163215]	-4.670549279	1.559138018	5.066701147	-1.142500974
ENSRORG00000010467	si:ch211-284f	chromosome 17, C1orf123 homolog [Source:NCBI;gene:Acc:101155088]	-1.421422674	0.670646386	3.089453044	0.997869077
ENSRORG00000004351	gp:slp1	GRASP motifs containing 1 [Source:ZFIN;Acc:ZDB-GENE-040801-212]	1.27786641	2.512784456	3.604173853	2.36974078
ENSRORG00000009826	-	-	-1.73241617	0.963719811	3.957988244	1.272851875
ENSRORG00000006305	-	-	0.68920152	2.384073939	3.543649413	1.84895402
ENSRORG00000010271	ktcb6b	potassium channel tetramerization domain containing 6 [Source:NCBI;gene:Acc:101166793]	-2.162039043	0.28891062	3.487485333	1.037120717
ENSRORG00000008828	DDA1	DDA1 and DDB1 associated 1 [Source:NCBI;gene:Acc:101171286]	-2.746647713	0.809118895	4.202852471	0.647570722
ENSRORG00000009402	poc5	POC5 centriolar protein homolog (Chlamydomonas) [Source:ZFIN;Acc:ZDB-GENE-060926-135]	-3.043193217	-0.162596546	3.633841673	0.753729927
ENSRORG00000015185	tanqo2	transport and pilin organization 2 homolog [Source:NCBI;gene:Acc:101156177]	-3.544662166	0.907276645	4.969453076	0.517999101
ENSRORG00000008700	kr5a	kinesin family member 3A [Source:ZFIN;Acc:ZDB-GENE-050417-71]	-0.68968781	-0.030505837	3.566535163	2.907858544
ENSRORG00000014309	ra2	redlication protein A2 [Source:NCBI;gene:Acc:101165354]	-1.45930368	0.308469819	3.458429903	1.691141456
ENSRORG00000016483	-	-	-2.032873629	-0.627413836	3.047024618	1.642059796
ENSRORG00000017156	-	-	-8.86549994	5.813549937	15.8745469	1.156912643
ENSRORG00000004679	-	-	-1.706428613	1.682618316	3.838071959	0.448511676
ENSRORG00000012642	lsm1	LSM1 homolog, mRNA degradation associated [Source:NCBI;gene:Acc:101156502]	-8.854368753	1.005387662	5.297553475	-4.561717824

ENSRGLG0000009440	pdrg1	p53 and DNA-damage regulated 1 [Source:ZFIN;Acc:ZDB-GENE-050417-276]	-3.622963006	1.337712167	4.996581425	0.036391326
ENSRGLG0000005610	chst15	carboxylate (N-acetyl)glucosamine 4-sulfate 6-O-sulfotransferase 15 [Source:ZFIN;Acc:ZDB-GENE-131127-327]	-0.256271973	2.755527025	4.618465489	1.607152571
ENSRGLG0000006438	lin37	lin-37 DREAM-MuvB core complex component [Source:ZFIN;Acc:ZDB-GENE-050417-446]	-0.180759979	0.503123245	3.307445544	2.624047291
ENSRGLG0000009577	cenpn	centromere protein N [Source:ZFIN;Acc:ZDB-GENE-030616-408]	-3.135671935	0.728496861	3.765561316	-0.098124321
ENSRGLG0000007573	zgc:112148	Gold-1 apparatus membrane protein TP23 homolog B [Source:NCBI gene:Acc:101169291]	-1.702391652	1.003262687	4.557165174	1.851995578
ENSRGLG0000005380	zgc:165532	zgc:165532 [Source:ZFIN;Acc:ZDB-GENE-050417-213]	-1.993978416	1.430391763	4.636660355	1.212720637
ENSRGLG00000012834	gmn	geminin, DNA replication inhibitor [Source:ZFIN;Acc:ZDB-GENE-030429-30]	-3.151862289	1.260544731	3.59310441	-0.818817546
ENSRGLG0000006192	-	glutathione S-transferase omega-1 [Source:NCBI gene:Acc:101171103]	-3.66158352	1.529315321	7.254204038	2.063790421
ENSRGLG0000001118	mctsl	MCTSL re-initiation and release factor [Source:NCBI gene:Acc:101161648]	-6.218389631	2.238739898	7.687541888	-0.769156762
ENSRGLG0000001018	-	-	-0.309996621	2.0084688	6.74815899	1.314454217
ENSRGLG0000005300	-	-	-5.25353499	-2.209068204	3.215887159	-0.300115382
ENSRGLG0000009642	-	-	1.18146338	2.579217222	4.131689854	2.734424049
ENSRGLG0000003303	sent9b	sentin 9b [Source:ZFIN;Acc:ZDB-GENE-050327-17]	-0.412724985	0.264037018	3.147352613	2.471074519
ENSRGLG0000002932	saln3	DLR anticodon binding domain containing 3 [Source:ZFIN;Acc:ZDB-GENE-061103-415]	-2.57592458	1.006473252	3.997489042	0.415907892
ENSRGLG00000021510	Rf00322	small nucleolar RNA SNORA31 [Source:NCBI gene:Acc:11547250]	-3.405478756	2.60043889	7.314498641	1.309070345
ENSRGLG00000015671	-	dyxactin subunit 3 [Source:NCBI gene:Acc:101164183]	-0.868269045	0.97235344	3.200760756	1.36062308
ENSRGLG00000013026	slc25a17	solute carrier family 25 (mitochondrial carrier; peroxisomal membrane protein), member 17 [Source:ZFIN;Acc:ZDB-GENE-070620-4]	-1.771554885	0.840085764	3.47301788	0.861862103
ENSRGLG00000013278	snrpd2	small nuclear ribonucleoprotein D2 polypeptide [Source:NCBI gene:Acc:101158296]	-2.11870364	1.885802504	3.968432522	-0.035588817
ENSRGLG00000011936	-	-	0.015797766	2.037550045	3.291544071	1.27027478
ENSRGLG00000009782	gdb8a	glucose-induced degradation protein 8 homolog [Source:NCBI gene:Acc:101165057]	-3.35283375	0.399360818	4.816833099	1.065123771
ENSRGLG00000007571	-	-	-4.460205864	0.474881878	5.446120612	0.511518142
ENSRGLG00000006150	thtpa	thiamine triphosphatase [Source:ZFIN;Acc:ZDB-GENE-070502-2]	-2.022865986	0.712552196	3.307056365	0.57210259
ENSRGLG0000007565	WASHC2C	WASH complex subunit 2C [Source:HGNC Symbol;Acc:HGNC:23414]	-1.366083162	0.085243667	3.125079868	1.674237788
ENSRGLG0000003464	fam206a	family with sequence similarity 206 member A [Source:NCBI gene:Acc:101170501]	-5.351184457	0.66830423	4.182041464	-1.836988739
ENSRGLG00000008096	sam1	sterile alpha and TIR motif containing 1 [Source:ZFIN;Acc:ZDB-GENE-040719-11]	-1.655598808	-0.540119946	3.543257007	2.428265253
ENSRGLG00000015806	zgc:101564	family with sequence similarity 72 member A [Source:NCBI gene:Acc:10118016]	-0.450130265	0.658943631	3.547038891	2.438447832
ENSRGLG00000008916	capza1b	F-actin-capping protein subunit alpha-1 [Source:NCBI gene:Acc:101159261]	-2.246926619	0.787331463	4.002955329	0.969182522
ENSRGLG00000014759	-	-	-0.358114672	2.209158112	4.698437116	2.131851089
ENSRGLG00000055229	-	-	-4.422765183	0.352656186	3.838023692	-0.936912587
ENSRGLG0000001070	zgc:56596	ubiquitin like 4A [Source:NCBI gene:Acc:101168961]	-2.262844441	1.123070753	3.220115512	-0.162754761
ENSRGLG00000016534	-	-	0.148252945	1.142527945	3.06641747	-0.05931154
ENSRGLG00000011318	-	-	-1.591036294	0.050058684	3.687425248	2.048814215
ENSRGLG00000009914	-	-	-3.359277246	1.93699342	4.560005138	-0.735776131
ENSRGLG00000014702	utp11	UTP11, small subunit processome component [Source:NCBI gene:Acc:101174775]	-6.293357296	2.245595038	6.296004755	-2.242462707
ENSRGLG00000021774	ND4L	NADH dehydrogenase subunit 4L [Source:NCBI gene:Acc:805424]	-10.90893038	1.179089371	13.61277465	1.525245107
ENSRGLG00000009887	zgc:153240.1	zgc:153240 [Source:ZFIN;Acc:ZDB-GENE-060825-218]	-2.047460065	0.126590689	3.027527572	0.853961968
ENSRGLG0000002638	dut	deoxyuridine triphosphatase [Source:NCBI gene:Acc:101171897]	-0.846442551	0.236113997	3.57029478	2.492957911
ENSRGLG000000014735	-	-	-1.361292615	0.965766247	3.310032663	0.983458478
ENSRGLG00000015214	nemp1	nuclear envelope integral membrane protein 1 [Source:ZFIN;Acc:ZDB-GENE-090313-182]	-1.989534404	0.449657719	3.438717466	1.000010553
ENSRGLG00000013756	-	-	-2.476864585	0.535688171	3.240320155	0.22825214
ENSRGLG00000003947	aaed1	cell division control protein 42 homolog [Source:NCBI gene:Acc:101164400]	-0.821750391	2.057405816	3.425608434	0.546938085
ENSRGLG00000003792	-	-	-0.854670843	1.42586282	3.99774311	1.617694598
ENSRGLG00000005936	kif18a	vesicle transport protein G0T1B [Source:NCBI gene:Acc:101162835]	-2.03962202	-0.455924144	3.195291578	1.61201306
ENSRGLG00000007765	sat2b	kinesin family member 18A [Source:ZFIN;Acc:ZDB-GENE-040426-892]	-3.296000119	-0.424552389	4.231018517	1.36005991
ENSRGLG00000001167	-	-	-1.888908178	6.280508182	6.223398865	-1.832299306
ENSRGLG00000007273	ankrd13a	ankyrin repeat domain 13A [Source:ZFIN;Acc:ZDB-GENE-030131-1833]	-0.947277471	0.080171249	3.37782482	2.350818726
ENSRGLG00000002158	map2k5	nuclear envelope integral membrane protein 1 [Source:ZFIN;Acc:ZDB-GENE-090313-182]	-3.671367975	0.816420603	5.373646548	0.88634155
ENSRGLG00000011537	-	-	-2.296281225	0.920685643	4.384100244	1.167618044
ENSRGLG00000003452	ran	mitogen-activated protein kinase kinase 5 [Source:ZFIN;Acc:ZDB-GENE-030131-1517]	-2.488021555	0.666569106	4.62297799	1.468872102
ENSRGLG00000011527	zgc:162816	zgc:162816 [Source:ZFIN;Acc:ZDB-GENE-070410-94]	-3.471214014	-0.035576632	3.202079273	-0.233074231
ENSRGLG00000013087	rs25	ribosomal protein S25 [Source:ZFIN;Acc:ZDB-GENE-040426-1788]	-1.361767151	1.632098909	4.491328768	1.497947666
ENSRGLG00000014721	-	-	-5.031956492	-0.549912421	4.035147449	-0.446417271
ENSRGLG00000013387	-	-	-3.31084584	-0.841485954	4.419335579	1.750481063
ENSRGLG00000002761	chby	chubby homolog 1 (Drosophila) [Source:ZFIN;Acc:ZDB-GENE-030131-5074]	-2.961352631	1.915610942	6.403837262	1.52735823
ENSRGLG0000001619	bbs4	Bardet-Biedl syndrome 4 [Source:ZFIN;Acc:ZDB-GENE-060126-2]	-1.786208301	-0.447336346	3.616546801	2.278159746
ENSRGLG00000001290	-	-	-0.804279223	-0.183787611	3.001990934	2.381984115
ENSRGLG00000004778	POC1A	POC1 centriolar protein A [Source:HGNC Symbol;Acc:HGNC:24488]	-1.129317577	0.758411864	4.305426918	2.418182303
ENSRGLG00000011006	ltnm4	RNA binding motif protein 48 [Source:NCBI gene:Acc:101175089]	-4.062007955	-0.243920876	4.904294817	1.086692565
ENSRGLG00000010275	snim4	small integral membrane protein 4 [Source:ZFIN;Acc:ZDB-GENE-170130-11]	-1.937356602	1.32814974	3.778663209	0.513641639
ENSRGLG00000011894	-	-	-1.71394152	0.46413046	3.76055314	1.84891153
ENSRGLG00000009995	-	-	-3.332814442	2.73539545	6.971758446	1.329747294
ENSRGLG00000007301	pin4	peptidylprolyl cis/trans isomerase, NIMA-interacting 4 [Source:NCBI gene:Acc:101160079]	-2.277939809	0.435501284	4.691301165	1.978345122
ENSRGLG00000011885	hahd2	haloblast dehalogenase like hydrolase domain containing 2 [Source:NCBI gene:Acc:101168225]	-2.987644828	-0.289948708	3.435849278	0.738638031
ENSRGLG00000011898	-	-	-3.14782742	1.217332691	3.74341172	-0.590334086
ENSRGLG00000011113	-	-	0.123068355	2.312193738	4.286246713	1.801381123
ENSRGLG00000002592	-	-	-8.081337151	1.31166072	9.097291527	-0.295221226
ENSRGLG00000011389	HENMT1	HERN methyltransferase 1 [Source:NCBI gene:Acc:101168973]	-2.101804469	-0.297534688	3.150918209	1.347133669
ENSRGLG00000004675	-	-	-6.309527862	1.371902308	7.322873781	-0.358070895
ENSRGLG00000002580	si:ch211-5119	chromosome 9 C2orf89 homolog [Source:NCBI gene:Acc:101172621]	-4.057638405	1.690234143	4.91926164	-0.8281265
ENSRGLG00000005191	TENT4A	terminal nucleotidyltransferase 4A [Source:HGNC Symbol;Acc:HGNC:16705]	-2.868266254	0.552264674	3.807826377	0.3877801

		ENSRGLG00000006911	iron-sulfur cluster assembly enzyme [Source:NCBI gene:Acc:101165644]	-4.29586826	1.791634288	5.749462301	-0.33757987
		ENSRGLG00000007738	mediator complex subunit 7 [Source:ZFIN:Acc:ZDB-GENE-030131-4823]	-2.310335775	0.862391836	3.195055848	0.022813002
		ENSRGLG00000006196	GABA(A) receptor-associated protein 4 [Source:ZFIN:Acc:ZDB-GENE-030131-5174]	-2.364164229	2.277057638	4.845451885	0.204804976
		ENSRGLG00000007400	pleckstrin homology domain containing, family A (phosphoinositide binding specific) member 8 [Source:ZFIN:Acc:ZDB-GENE-041114-69]	-1.366054216	0.662827951	3.863004919	1.834607714
		ENSRGLG00000009118	DNMT1 demethylase domain transferase 1 homolog [Source:NCBI gene:Acc:101156415]	-3.435980431	0.04470067	3.099351042	-0.380845313
		ENSRGLG00000006393	spermine synthase [Source:ZFIN:Acc:ZDB-GENE-040626-150]	-1.782020485	0.587911657	3.370779092	1.001331723
		ENSRGLG00000008500	CRMB1 [Source:ZFIN:Acc:ZDB-GENE-091204-31]	-0.021481172	2.32918583	3.042944027	0.692762891
		ENSRGLG00000015097	ORMDL1 sphingolipid biosynthesis regulator 1 [Source:NCBI gene:Acc:101165518]	-3.169345342	2.672560223	6.772123603	0.930702138
		ENSRGLG00000006183	RSH domain containing 4 [Source:ZFIN:Acc:ZDB-GENE-070112-1321]	0.431198199	0.645465084	3.048386357	2.834584336
		ENSRGLG00000009674	glutathione S-transferase alpha 4 [Source:NCBI gene:Acc:101174370]	-1.729085155	0.190918682	3.264822831	1.345304079
		ENSRGLG00000016567	uncharacterized LOC101171452 [Source:NCBI gene:Acc:101168963]	-4.251554751	1.471468971	3.95017021	-1.772369141
		ENSRGLG00000006863	zwilch keratohelone protein [Source:ZFIN:Acc:ZDB-GENE-050420-101]	-0.052517396	0.374715112	3.204762085	2.77801447
		ENSRGLG00000011756	calcium and integrin binding 1 [Source:NCBI gene:Acc:101168963]	-1.393423421	2.063433711	6.157268615	2.700896404
		ENSRGLG00000009140	mitochondrial ribosome-associated GTPase 1 [Source:ZFIN:Acc:ZDB-GENE-031110-2]	-3.403467888	0.141661922	3.112714905	-0.431930105
		ENSRGLG00000008200	gqnr1 Gq90 SNAP receptor complex member 1 [Source:ZFIN:Acc:ZDB-GENE-050417-133]	-4.741927918	-0.290168319	4.412188043	-0.039086557
		ENSRGLG00000002070	small nuclear ribonucleoprotein polypeptide E [Source:NCBI gene:Acc:101173384]	-4.475864599	0.289224494	5.993360621	1.228656617
		ENSRGLG00000012059	snppe Sec61 translocon gamma subunit [Source:NCBI gene:Acc:11001315]	-2.594118475	1.480434251	4.669020982	0.594953091
		ENSRGLG00000007075	sec61g Sec61 translocon gamma subunit [Source:NCBI gene:Acc:11001315]	-2.639569081	0.965365655	3.578980304	-0.025469562
		ENSRGLG00000002013	-	-4.376841511	-1.32178261	3.393184219	0.338610192
		ENSRGLG00000017324	-	-1.223116103	-0.145824804	3.751187695	2.674380555
		ENSRGLG00000015237	ctf8 CTF8 molecule [Source:NCBI gene:Acc:101174188]	1.366021258	2.01189758	3.38219289	2.691535654
		ENSRGLG00000005015	centromere protein Q [Source:NCBI gene:Acc:101174332]	-0.283691967	0.586103183	3.573332909	2.704022663
		ENSRGLG00000003667	btgqm1 bisphosphoglycerate mutase [Source:NCBI gene:Acc:101174407]	-0.718692232	0.231484774	3.25319884	2.25627818
		ENSRGLG00000004376	PPP4R3B protein phosphatase 4 regulatory subunit 3B [Source:HGNC Symbol:Acc:HGNC:29267]	-1.714069121	0.935882642	3.296490009	0.64702312
		ENSRGLG00000010445	-	-2.352818927	0.080622143	4.39556566	1.962610196
		ENSRGLG00000008444	ube2t ubiquitin conjugating enzyme E2 T [Source:NCBI gene:Acc:101156892]	-3.410367946	0.400503705	4.603495642	0.793108905
		ENSRGLG00000003381	r9 R9, pre-mRNA splicing factor [Source:NCBI gene:Acc:10110108]	-3.603981353	0.625957007	3.634253384	-0.595200471
		ENSRGLG00000016473	ACYP1 acylcholinesterase 1 [Source:HGNC]	-3.181462253	2.62546649	3.896957859	-1.909480536
		ENSRGLG00000007802	testis-expressed 261 [Source:NCBI gene:Acc:101155302]	-2.536503824	1.078088337	3.195782877	-0.419302495
		ENSRGLG00000011538	HST17A3 histone H3 [Source:NCBI gene:Acc:101166978]	-3.736744617	-1.367839192	3.672843301	1.244860919
		ENSRGLG00000003334	usp16 ubiquitin specific peptidase 16 [Source:ZFIN:Acc:ZDB-GENE-030131-4153]	-4.856042031	0.040521248	3.503443103	-1.392634796
		ENSRGLG00000004697	dum1d2b DUM1 domain containing 2, domain containing 2b [Source:ZFIN:Acc:ZDB-GENE-040625-]	-2.10795586	0.847969884	5.042851231	2.087413022
		ENSRGLG00000007253	COMM4 COMM domain containing 4 [Source:NCBI gene:Acc:101165952]	-1.028781403	1.191203787	3.864535966	1.645035674
		ENSRGLG00000017636	ef4eb eukaryotic translation initiation factor 4E [Source:NCBI gene:Acc:101166761]	0.253778853	0.573597283	3.07883827	2.759514748
		ENSRGLG00000017809	trappc2 trafficking protein particle complex 2 [Source:NCBI gene:Acc:101168660]	-4.8593573	2.895503076	7.335405651	-0.418968004
		ENSRGLG00000005543	CDC37 cell division cycle 37 [Source:NCBI gene:Acc:101156088]	-2.81307646	0.255805862	3.53612531	0.47111178
		ENSRGLG00000006644	-	-2.64954204	-0.203902955	4.201508689	1.756420226
		ENSRGLG00000009196	-	-2.67026755	0.85264109	3.13359711	-0.365220163
		ENSRGLG00000015785	uncharacterized LOC101160866 [Source:NCBI gene:Acc:101160866]	-2.089190299	-0.550836899	3.312444945	1.774575891
		ENSRGLG00000007013	pi9n chondroitin-6-sulfate glycan anchor biosynthesis, class N [Source:ZFIN:Acc:ZDB-GENE-080204-114]	-1.284404387	1.897254602	3.670788565	0.489614712
		ENSRGLG00000006462	tmem258 transmembrane protein 258 [Source:NCBI gene:Acc:105354217]	-2.843091395	1.686917496	4.639756627	0.110232729
		ENSRGLG00000008134	-	-4.858950663	-0.09602417	5.038082075	0.275641072
Hmt VS HmC	340	ENSRGLG00000008986	gpm GTP binding protein overexpressed in skeletal muscle [Source:ZFIN:Acc:ZDB-GENE-060825-251]	0.595751169	-2.077513401	1.102965766	3.776715268
		ENSRGLG00000005116	cdip1 cell death inducing p53 target 1 [Source:NCBI gene:Acc:101173632]	1.672156145	0.198747775	1.710319609	3.184212899
		ENSRGLG00000001968	COL8A1 collagen type VIII alpha 1 chain [Source:HGNC Symbol:Acc:HGNC:2215]	3.554413116	0.856271178	1.406561666	4.105192815
		ENSRGLG00000017844	chmp5a charged multivesicular body protein 5 [Source:NCBI gene:Acc:101164680]	1.243887226	-0.651105339	1.635162173	3.530639926
		ENSRGLG00000004422	nek8 NIMA related kinase 8 [Source:NCBI gene:Acc:101161178]	1.245857411	-0.32701954	2.913509985	4.486871861
		ENSRGLG00000005532	wdr19 WD repeat domain 19 [Source:NCBI gene:Acc:101165282]	0.187280701	-0.362123335	2.951012282	3.500901361
		ENSRGLG00000007236	CDHR2 cadherin related family member 2 [Source:HGNC Symbol:Acc:HGNC:18231]	2.625814794	-0.773089598	-0.387868381	3.011516952
		ENSRGLG00000016124	snap25a synaptosome associated protein 25 [Source:NCBI gene:Acc:101165388]	0.654148617	-3.663988608	0.712559398	0.531178519
		ENSRGLG00000013554	UBA3 (1 of multiple) ubiquitin like modifier activating enzyme 3 [Source:HGNC Symbol:Acc:HGNC:12470]	0.792611299	-0.162601088	2.899170991	3.854868353
		ENSRGLG00000001216	-	2.784688481	1.009228267	2.692262933	4.46820847
		ENSRGLG00000003842	cdkn2d cyclin dependent kinase inhibitor 2D [Source:NCBI gene:Acc:101155292]	2.400958575	0.459634584	1.939393588	3.881202249
		ENSRGLG00000011838	slc2a3b solute carrier family 2 (facilitated glucose transporter), member 3b [Source:ZFIN:Acc:ZDB-GENE-121031-5]	-2.541991047	-5.25148045	1.944097701	4.654075948
		ENSRGLG00000012769	SLC22A23 solute carrier family 22 member 23 [Source:NCBI gene:Acc:HGNC:2118]	2.77603538	0.40139741	1.242076171	3.622144004
		ENSRGLG00000011855	trtm13 tripartite motif containing 13 [Source:ZFIN:Acc:ZDB-GENE-050822-516]	2.985251118	0.599122498	1.083325639	3.469939021
		ENSRGLG00000015047	-	4.945549459	3.076626369	1.432089195	3.301511177
		ENSRGLG00000014336	-	4.451004496	2.41297507	1.194348988	3.233443814
		ENSRGLG00000000717	-	0.39044598	-4.181440695	-0.781012736	3.791360171
		ENSRGLG00000002025	-	-0.071470689	-1.165301806	2.163515071	3.261830458
		ENSRGLG00000014579	lrtn1 leucine rich repeat neuronal 1 [Source:ZFIN:Acc:ZDB-GENE-071126-1]	5.831161831	2.496975988	1.018335462	4.353008406
		ENSRGLG00000008860	slc5a8 solute carrier family 5 (sodium/motocarbonylate cotransporter), member 8 [Source:ZFIN:Acc:ZDB-GENE-141211-63]	14.44307628	11.24312042	2.514449521	5.714873158
		ENSRGLG00000014306	-	2.969142878	0.498219313	1.584623732	4.056034618
		ENSRGLG00000001690	gram32aa GRAM domain containing 2Aa [Source:ZFIN:Acc:ZDB-GENE-040724-9]	2.943732439	0.94752462	1.178269536	3.174961773
		ENSRGLG00000015199	-	2.837595746	0.592786435	1.884307716	4.124600623
		ENSRGLG00000016169	zmat4a zinc finger, matrix-type 4a [Source:ZFIN:Acc:ZDB-GENE-081104-333]	14.54541279	12.34376867	1.738547138	3.940600395
		ENSRGLG00000012993	hpdh 4-hydroxyphenylpyruvate dioxygenase b [Source:ZFIN:Acc:ZDB-GENE-040808-62]	2.638133904	0.875158132	1.604615663	3.368077299

ENSORLG0000000795	sec14i7	SEC14-like lipid binding 7 [Source:ZFIN;Acc:ZDB-GENE-141216-145]	2.501821423	-0.154391347	1.395413154	4.052111039
ENSORLG00000005265	-	-	2.637697727	-0.347616777	2.202388539	5.188189941
ENSORLG00000004977	-	-	4.148880334	2.159601831	1.444631682	3.43432578
ENSORLG00000003848	-	-	2.493664542	0.3514288	1.776072087	3.918792689
ENSORLG000000013681	pm20d1.2	peptidase M20 domain containing 1, tandem duplicate 2 [Source:ZFIN;Acc:ZDB-GENE-061013-637]	0.815675198	0.692078175	2.960394281	3.084476187
ENSORLG000000010725	-	-	3.333863353	1.495646614	2.353271814	4.191978906
ENSORLG000000002292	si:dkey-178e1	si:dkey-178e171.1 [Source:ZFIN;Acc:ZDB-GENE-081104-411]	2.546418865	0.746230107	1.458151497	3.258825101
ENSORLG000000011156	-	-	2.787058265	0.124495324	1.37898136	4.042029266
ENSORLG000000007883	-	-	4.219956547	1.216782583	1.728816188	4.732369283
ENSORLG000000003519	zplane2	ciliogenesis and planar polarity effector 2 [Source:ZFIN;Acc:ZDB-GENE-040912-80]	1.310902635	-0.424591049	2.361685932	4.097664651
ENSORLG000000004941	stag3	stromal antigen 3 [Source:ZFIN;Acc:ZDB-GENE-140106-130]	2.794024147	-0.129220196	0.883592718	3.807321877
ENSORLG000000012941	-	-	3.2106411	0.273671735	2.586705776	5.52418003
ENSORLG000000002630	cell3a	cugbp. Elav-like family member 3a [Source:ZFIN;Acc:ZDB-GENE-000501-2]	2.292459658	0.026117345	1.397857736	3.664684568
ENSORLG000000002015	soca	short coiled-coil protein a [Source:ZFIN;Acc:ZDB-GENE-061013-114]	2.341769617	0.222355419	0.925522677	3.045421954
ENSORLG000000012887	arpp19a	CAMP-regulated phosphoprotein 19 [Source:NCBI gene;Acc:101168529]	0.485354658	-0.294368085	2.318330592	3.0985383
ENSORLG000000003581	dnajp4	DnaJ heat shock protein family (Hsp40) member B4 [Source:NCBI gene;Acc:101170125]	5.952855913	3.447448033	0.798350339	3.304244335
ENSORLG000000007139	-	-	5.10754622	4.721459207	2.714588322	3.101162708
ENSORLG000000013970	blmh	bleomycin hydrolase [Source:ZFIN;Acc:ZDB-GENE-030131-8485]	1.448283458	-0.679403096	0.910479424	3.03650843
ENSORLG000000003382	-	-	0.968272433	-0.339865953	2.099515781	3.408139058
ENSORLG000000008300	med1	mediator complex subunit 1 [Source:ZFIN;Acc:ZDB-GENE-081104-257]	1.872034453	0.28695195	1.520533291	3.106067762
ENSORLG000000004320	synj1	synaptotagmin 1 [Source:ZFIN;Acc:ZDB-GENE-030131-9180]	2.098896929	-0.072739869	1.088946609	3.261068058
ENSORLG000000003598	-	-	2.097925021	0.150824645	2.800403115	4.747988182
ENSORLG000000006301	samd13	sterile alpha motif domain containing 13 [Source:ZFIN;Acc:ZDB-GENE-060929-676]	1.634090341	0.764256579	2.759252177	3.629570748
ENSORLG000000001281	-	-	1.870452271	0.101608352	2.156702039	3.926031027
ENSORLG000000006930	SCN8A	sodium voltage-gated channel alpha subunit 8 [Source:HGNC Symbol;Acc:HGNC:10996]	0.943045223	0.368059928	2.815556645	3.90991364
ENSORLG000000009737	hpk3b	homeodomain interacting protein kinase 3b [Source:ZFIN;Acc:ZDB-GENE-030131-82]	2.208336447	-0.051507822	1.212744059	3.473074006
ENSORLG000000011521	-	-	0.904684098	-3.807140313	0.322340983	5.034650193
ENSORLG000000016430	ca5	Letler congenital amaurosis 5 [Source:ZFIN;Acc:ZDB-GENE-090313-268]	0.773669546	0.021127672	2.791956264	3.544983244
ENSORLG000000001438	-	-	3.204513267	0.672923209	0.985273865	3.568934852
ENSORLG000000002318	-	-	14.58792925	12.53258483	1.182757976	3.285694645
ENSORLG000000010903	-	-	1.816432354	0.334166642	1.898827677	3.880977639
ENSORLG000000015146	-	-	0.042656897	-0.242368287	2.811642968	3.097153096
ENSORLG000000007063	l3gnt7	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 7 [Source:ZFIN;Acc:ZDB-GENE-021210-4]	15.34224451	13.55704242	1.617383603	3.403053262
ENSORLG000000016408	si:dkey-1112.3	echinoderm microtubule associated protein like 5 [Source:HGNC Symbol;Acc:HGNC:18197]	1.69854908	0.239166313	1.720975596	3.180842328
ENSORLG000000017123	stum	stum, mechanosensory transduction mediator homolog [Source:ZFIN;Acc:ZDB-GENE-041014-164]	1.905808995	0.072983231	1.267475802	3.100787442
ENSORLG000000006454	CYP4F2	cytochrome P450 family 4 subfamily F member 2 [Source:HGNC Symbol;Acc:HGNC:2645]	2.66319324	-0.039212848	0.684077494	3.398698616
ENSORLG000000011168	MTCO18B	mtocin XVIII [Source:HGNC Symbol;Acc:HGNC:18150]	1.574216876	1.398498474	0.588090075	4.102284722
ENSORLG000000006506	-	-	2.250430988	0.425485632	1.200698538	3.02613198
ENSORLG000000008548	slitrk4	SLIT and NTRK-like family, member 4 [Source:ZFIN;Acc:ZDB-GENE-140303-1]	13.71449775	11.72795023	2.583734359	4.570747894
ENSORLG000000016151	slf2d2a	vesicle transport protein Slf2b-like [Source:NCBI gene;Acc:101171820]	0.568687419	-0.289705377	2.382107133	3.249864259
ENSORLG000000006925	rgra	retinal G protein coupled receptor a [Source:ZFIN;Acc:ZDB-GENE-040924-6]	2.893860865	0.326483796	2.404645813	4.972502663
ENSORLG000000012832	-	-	2.160740659	0.402898633	1.66665706	3.4248931
ENSORLG000000016707	-	-	2.709896117	-0.319912999	2.119010717	5.149308803
ENSORLG000000002984	sl	slizzed [Source:ZFIN;Acc:ZDB-GENE-080530-1]	14.30194242	12.471404276	1.603499763	3.43600793
ENSORLG000000010185	si:dkey-222n6	keratin 73 [Source:HGNC Symbol;Acc:HGNC:28928]	2.823324877	-0.724403258	0.258580889	3.806795833
ENSORLG000000007401	stox1	storkhead box 1 [Source:ZFIN;Acc:ZDB-GENE-030225-2]	3.79397496	1.206270954	0.677451938	3.265643366
ENSORLG000000005785	si:dkey-290l1	si:dkey-290l1.3 [Source:ZFIN;Acc:ZDB-GENE-100922-178]	2.291736575	0.45764284	2.14340464	3.977982091
ENSORLG000000003120	meiob	meiosis specific with OB domains [Source:ZFIN;Acc:ZDB-GENE-120104-8]	1.913936883	0.777958778	2.730890135	3.867353198
ENSORLG000000008990	-	-	15.18648261	11.15022963	2.056752296	6.093471715
ENSORLG000000006275	-	-	2.194103113	-0.519243428	0.908334592	3.622166119
ENSORLG000000015461	mod1	MAX dimerization protein 1 [Source:ZFIN;Acc:ZDB-GENE-080536-246]	2.121776981	0.079297579	1.388295275	3.431259831
ENSORLG000000004615	ago2	argonate RISC catalytic component 2 [Source:ZFIN;Acc:ZDB-GENE-110606-6]	1.944821069	0.859891609	2.701778829	3.787192435
ENSORLG000000002474	HOMER1	homer scaffold protein 1 [Source:HGNC Symbol;Acc:HGNC:17512]	1.897199174	-0.04347905	1.15305311	3.094216375
ENSORLG00000001868	-	-	1.878424845	-0.40244726	2.013234761	4.294592106
ENSORLG000000006223	-	-	1.869413588	0.11342759	2.218687926	3.833024028
ENSORLG000000006691	mak	male germ cell-associated kinase [Source:ZFIN;Acc:ZDB-GENE-030131-7279]	3.040797419	0.873751813	2.581412089	4.748942467
ENSORLG000000007894	pal3st1a	galactose-3-O-sulfotransferase 1 [Source:NCBI gene;Acc:101172098]	2.78974256	-0.314318458	1.481871348	4.586325461
ENSORLG000000008907	-	-	3.238723144	-0.123102033	0.650589229	4.017647207
ENSORLG000000011357	palnt17	polypeptide N-acetylglucosaminyltransferase 17 [Source:ZFIN;Acc:ZDB-GENE-110418-3]	4.26423963	1.31870004	0.795626159	3.741651405
ENSORLG000000016639	angel1	angel homolog 1 (Drosophila) [Source:ZFIN;Acc:ZDB-GENE-111020-12]	1.944792327	0.367452655	1.749692158	3.327516779
ENSORLG000000009374	DISL2	DIS3 like 3-5 nucleonuclease 2 [Source:HGNC Symbol;Acc:HGNC:28648]	0.959425389	0.042318415	2.530237844	3.447829858
ENSORLG000000012512	tiparp	TCDD-inducible poly(ADP-ribose) polymerase [Source:ZFIN;Acc:ZDB-GENE-031002-47]	1.947958344	-0.730611878	0.3612979	3.040353146
ENSORLG000000003008	-	-	-0.010512066	-0.712048849	2.80026765	3.502248367
ENSORLG000000001687	psat1	phosphoserine aminotransferase 1 [Source:ZFIN;Acc:ZDB-GENE-030131-5723]	-0.42183032	-4.773948986	-1.297272038	3.055331418
ENSORLG000000017484	-	-	2.186769203	-0.288488633	1.26900432	3.745347245
ENSORLG000000005304	adam10b	ADAM metalloproteinase domain 10b [Source:ZFIN;Acc:ZDB-GENE-071115-1]	1.770490564	0.368992841	1.616558648	3.018541294
ENSORLG000000006135	rip2	Rib interacting lysosomal protein like 2 [Source:NCBI gene;Acc:101159444]	2.308267879	0.676966029	2.08012053	3.71189784
ENSORLG000000005115	tmprss5	transmembrane serine protease 5 [Source:ZFIN;Acc:ZDB-GENE-131121-184]	4.012419025	-0.327570615	2.042841386	6.383318937
ENSORLG000000013999	apoa2	uncharacterized LOC101163028 [Source:NCBI gene;Acc:101163028]	1.193878907	-3.130936736	0.326748196	4.652048095
ENSORLG000000010484	lvsn2	forkhead box P2 [Source:ZFIN;Acc:ZDB-GENE-041203-3]	1.59272690	-1.012941832	0.946240554	3.552397407
ENSORLG000000007704	ubash3b	ubiquitin associated and SH3 domain containing Ba [Source:ZFIN;Acc:ZDB-GENE-060526-172]	1.856019575	-0.270331715	1.275298616	3.402134887
ENSORLG000000009621	znc161989	znc161989 [Source:ZFIN;Acc:ZDB-GENE-030131-2997]	2.038368899	-0.67498823	0.582702486	3.2965551
ENSORLG000000003851	si:dkey-323d3c3	si:dkey-323d3c3 [Source:ZFIN;Acc:ZDB-GENE-030131-2997]	4.231314828	1.780114828	1.51172964	3.975511678
ENSORLG000000003270	SEMA3B	semaphorin 3B [Source:HGNC Symbol;Acc:HGNC:10724]	2.11264755	-0.385873576	1.102752352	3.602375555
ENSORLG000000005523	si:dkey-23h12	glycoprotein hormone beta-5-like [Source:NCBI gene;Acc:101171780]	13.23120618	0	2.718894648	15.95059303

	ENSORLG00000010545	msantd4	Myb/SANT-like DNA-binding domain containing 4 with coiled-coils [Source:ZFIN;Acc:ZDB-GENE-121023-2]	3.012733406	0.910678894	0.959241141	3.0617805
	ENSORLG00000011565	-	-	3.572279511	0.345427188	2.937513084	6.1648528
	ENSORLG00000002107	-	-	15.46273231	13.75475391	1.472700091	3.181146087
	ENSORLG000000010615	-	-	14.27924928	11.2567807	1.409513966	4.432450646
	ENSORLG000000011928	tmem151ba	transmembrane protein 151Ba [Source:ZFIN;Acc:ZDB-GENE-070820-12]	13.58289701	8.530835473	2.230109891	7.282623406
	ENSORLG000000000863	DDX5	DEAD-box helicase 5 [Source:HGNC Symbol;Acc:HGNC:2746]	2.618430232	-0.137348152	0.301384284	3.05644756
	ENSORLG000000012509	-	-	2.118487894	0.066290829	1.527677738	3.580309953
	ENSORLG000000014192	gpm1a	glutamate metabotropic receptor 1 [Source:NCBI gene;Acc:101165118]	3.422289171	-1.53645572	2.048055971	7.007283784
	ENSORLG000000011640	-	-	2.018476154	-1.046119879	2.104006572	5.167091788
	ENSORLG000000000605	-	-	3.760836977	2.061318305	2.311947396	4.011948665
	ENSORLG000000001588	GRXCR2	glutaredoxin and cysteine rich domain containing 2 [Source:HGNC Symbol;Acc:HGNC:33862]	2.064331086	0.484886976	2.101223065	3.681151828
	ENSORLG000000006070	-	-	2.613267491	0.013268822	2.15015609	4.750641838
	ENSORLG000000016305	-	-	2.00877946	-0.250996847	1.333849693	3.594061158
	ENSORLG000000016692	-	-	13.45527941	0	2.114439394	15.87222949
	ENSORLG000000012938	kcrik10b	potassium channel, subfamily K, member 10b [Source:ZFIN;Acc:ZDB-GENE-050420-31]	15.18925395	9.560714954	1.260694119	6.889705908
	ENSORLG000000007323	tchp	trichoplein, keratin filament binding [Source:ZFIN;Acc:ZDB-GENE-060421-3368]	0.12007356	-0.636282921	2.394883618	3.151724829
	ENSORLG000000005999	-	-	0.566478259	-2.043493682	1.067568506	3.677024171
	ENSORLG000000002636	csdc2a	cold shock domain containing C2, RNA binding a [Source:ZFIN;Acc:ZDB-GENE-040719-442]	15.38636673	0	0.818320454	16.20517889
	ENSORLG000000005690	edrf1	erythroid differentiation regulatory factor 1 [Source:ZFIN;Acc:ZDB-GENE-131121-620]	2.996770211	0.422514065	0.65863365	3.233374267
	ENSORLG000000006451	-	-	15.38312213	12.72864757	0.898977963	3.533820343
	ENSORLG0000000014293	kcni11	ATP-sensitive inward rectifier potassium channel 11 [Source:NCBI gene;Acc:101160728]	3.695657261	0.341947421	0.135279602	3.489473941
	ENSORLG000000004150	-	-	1.228487201	-0.304604526	2.287040559	3.800617012
	ENSORLG000000004863	-	-	1.924743889	0.941038372	2.338459676	3.320380552
	ENSORLG000000011797	fbx2	F-box and leucine-rich repeat protein 2 [Source:ZFIN;Acc:ZDB-GENE-030925-12]	2.234393702	0.16514408	1.684570128	3.754304386
	ENSORLG000000001366	hpk	endoplasmic reticulum junction formation protein lunapark-B [Source:NCBI gene;Acc:101167978]	-0.233043704	-0.594629313	2.64211218	3.00418269
	ENSORLG000000006082	-	-	14.57665086	0	2.174822415	16.75196477
	ENSORLG000000013631	C7orf43	chromosome 7 open reading frame 43 [Source:HGNC Symbol;Acc:HGNC:25604]	1.605994731	0.141891163	2.335383188	3.797517106
	ENSORLG000000011739	zgc:153343	GDP-D-glucose phosphorylase 1 [Source:HGNC Symbol;Acc:HGNC:24360]	1.97431704	1.10855925	2.857081849	3.723028736
	ENSORLG000000006074	ift80	intraflagellar transport 80 homolog (Chlamydomonas) [Source:ZFIN;Acc:ZDB-GENE-041212-50]	0.988372843	-0.042122311	2.17644972	3.207429636
	ENSORLG000000005393	eorneb	oomes/berrin homolog b [Source:ZFIN;Acc:ZDB-GENE-070318-1]	0.715330152	-0.847103387	1.518943357	3.081861986
	ENSORLG000000017953	nrlj2	nuclear receptor subfamily 1, group 1, member 2 [Source:ZFIN;Acc:ZDB-GENE-030903-3]	-0.677931313	-2.450476676	1.236163849	3.009194395
	ENSORLG000000018104	traf3ip1	TNF receptor-associated factor 3 interacting protein 1 [Source:ZFIN;Acc:ZDB-GENE-040426-1146]	-0.215714219	-1.341895374	2.610750231	3.737416458
	ENSORLG000000012973	-	-	4.753959024	2.516794316	2.308101166	4.545756263
	ENSORLG000000002121	me1	malic enzyme 1, NAD(P)+-dependent, cytosolic [Source:ZFIN;Acc:ZDB-GENE-061013-438]	1.174970806	-0.816337214	2.403369421	4.395162499
	ENSORLG000000013928	ush1gb	Usher syndrome type-1G protein homolog [Source:NCBI gene;Acc:101174708]	13.81991162	9.009464749	1.989909213	6.800819811
	ENSORLG000000000371	-	-	5.694318137	-9.45489558	1.381428838	16.5311545
	ENSORLG000000000334	tppp3	tubulin polymerization-promoting protein family member 3 [Source:NCBI gene;Acc:101170163]	2.589473833	0.012074294	2.224364466	4.802249102
	ENSORLG000000000721	-	-	3.493493364	0.892212544	2.133315347	4.735090715
	ENSORLG000000007903	-	-	1.923531849	0.110561819	2.223243196	4.036688289
	ENSORLG000000002477	pell1b	E3 ubiquitin-protein ligase pellino homolog 1 [Source:NCBI gene;Acc:101167979]	1.059740665	-0.459709837	1.997453337	3.511788776
	ENSORLG000000001066	-	-	2.406332892	-1.711674725	-0.820298037	3.29728331
	ENSORLG000000006350	arl3b	ADP-ribosylation factor-like 13b [Source:ZFIN;Acc:ZDB-GENE-021217-3]	1.822607649	-0.10441531	1.622236815	3.549744548
	ENSORLG000000013109	rhp1	rhophilin, Rho GTPase binding protein 1 [Source:ZFIN;Acc:ZDB-GENE-081031-79]	2.217009939	0.370445395	2.036129663	3.883180298
	ENSORLG000000010499	hnhmp3	heterogeneous nuclear ribonucleoprotein H3 (ZH9) [Source:ZFIN;Acc:ZDB-GENE-060421-3878]	1.670921725	-0.331170778	2.000434283	4.003011567
	ENSORLG000000010631	-	-	1.972224532	-0.342339798	2.926756668	5.241805878
	ENSORLG000000000846	hapin4	hyaluronan and proteoglycan link protein 4 [Source:ZFIN;Acc:ZDB-GENE-060503-243]	2.393144708	-0.185913095	1.289934297	3.869477857
	ENSORLG000000012657	d3n3	catyntenin 3 [Source:ZFIN;Acc:ZDB-GENE-100921-73]	4.525304294	0.361623697	0.824081142	4.988252452
	ENSORLG000000002849	dnc1	DNA meiotic recombinase 1 [Source:ZFIN;Acc:ZDB-GENE-060331-39]	1.05144237	-0.334607797	1.827705317	3.21424041
	ENSORLG000000017638	-	-	3.717975325	-1.174651683	0.702453664	5.595563536
	ENSORLG000000014776	-	-	0.84509086	-1.20783742	1.335833551	3.38924653
	ENSORLG000000016444	zgc:77486	ANI-type zinc finger protein 5 [Source:NCBI gene;Acc:101174824]	1.300422541	0.107845339	2.947484727	4.140546906
	ENSORLG000000016789	-	-	1.318290986	-0.590227896	2.100176302	4.009179942
	ENSORLG000000016886	dgkb	diacylglycerol kinase, beta [Source:ZFIN;Acc:ZDB-GENE-070126-1]	2.453820928	-0.817058029	0.803547383	4.074911702
	ENSORLG000000015241	ATF5	activating transcription factor 5 [Source:HGNC Symbol;Acc:HGNC:790]	2.771830834	-0.739997955	-0.158427423	3.353886237
	ENSORLG000000014485	-	-	15.30449072	10.29923092	2.28524432	7.270972502
	ENSORLG000000016383	itm2	fat storage-inducing transmembrane protein 2 [Source:ZFIN;Acc:ZDB-GENE-050508-6]	1.394050377	-1.159942902	0.73504218	3.30753252
	ENSORLG000000001279	-	-	2.540373115	0.235110459	1.540113409	3.848868029
	ENSORLG000000007192	sgsm1a	small G protein signaling modulator 1a [Source:ZFIN;Acc:ZDB-GENE-060526-379]	3.41405037	2.491487719	2.358011866	3.281059894
	ENSORLG000000010273	rx1a	regulatory factor X 1a (influences HLA class II expression) [Source:ZFIN;Acc:ZDB-GENE-070424-94]	2.216909834	0.338455886	1.826832529	3.705771027
	ENSORLG000000011139	-	-	14.30823663	-	2.230134638	3.000140621
	ENSORLG000000005070	unkl	unknown family zinc finger-like [Source:ZFIN;Acc:ZDB-GENE-131120-196]	1.961043023	0.739284137	2.259147513	3.481391071
	ENSORLG000000009630	sdkey-256k1	zinc finger protein 512B [Source:HGNC Symbol;Acc:HGNC:29212]	2.784447384	1.524412893	2.068521366	3.329040581
	ENSORLG000000011566	-	-	6.571854188	4.146727284	0.627099929	3.052695046
	ENSORLG000000005350	FAM53C	family with sequence similarity 53 member C [Source:HGNC Symbol;Acc:HGNC:1336]	1.08115078	-0.259061017	2.696296181	4.036993033
	ENSORLG000000021159	RF00001	-	0.870673301	-1.822695342	0.95454693	3.648400432
	ENSORLG000000013431	FAM135B	family with sequence similarity 135 member B [Source:HGNC Symbol;Acc:HGNC:28029]	3.548735392	0.342623808	2.326545094	5.533144424
	ENSORLG000000005990	-	-	14.11836886	11.50722478	2.095753182	4.707361551
	ENSORLG000000016194	cc232a	coiled-coil and C2 domain containing 2A [Source:ZFIN;Acc:ZDB-GENE-030131-2291]	0.315607712	-0.703194912	2.264470541	3.283757933
	ENSORLG000000016150	-	-	1.045560145	-0.674102518	2.864411204	4.58455885
	ENSORLG000000016377	tmem169b	transmembrane protein 169b [Source:ZFIN;Acc:ZDB-GENE-141211-51]	3.754790835	2.427953721	2.009653654	3.33697678
	ENSORLG000000010528	hank4	KN motif and ankyrin repeat domains 4 [Source:ZFIN;Acc:ZDB-GENE-120423-1]	1.747831231	-0.155059024	1.803734629	3.707109666
	ENSORLG000000007770	neto1	neuroligin (NRP) and tollid (TL)-like 1, like [Source:ZFIN;Acc:ZDB-GENE-091207-1]	13.81559944	11.82655246	2.462502868	4.452017813
	ENSORLG000000012349	caorb3a	calcium channel, voltage-dependent, beta 3a [Source:ZFIN;Acc:ZDB-GENE-060221-2]	2.518117567	1.121559179	2.384594506	3.78163841
	ENSORLG000000013931	-	-	2.72863095	-1.00485039	2.688802143	6.432775738

ENSORLG0000003586	dzfp1	DAZ interacting zinc finger protein 1 [Source:ZFIN,Acc:ZDB-GENE-040526-11]	0.899670812	-0.812964966	1.77434922	3.487465363
ENSORLG0000000329	zdhhc1	zinc finger, DHHC-type containing 1 [Source:ZFIN,Acc:ZDB-GENE-130925-1]	1.90146047	0.768821792	2.609640543	3.742764138
ENSORLG0000001516	dd2a	discoidin domain receptor tyrosine kinase 2a [Source:ZFIN,Acc:ZDB-GENE-090316-2]	3.141573301	0.83337165	1.794601087	4.103291162
ENSORLG00000005132	zdhhc21	zinc finger, DHHC-type containing 21 [Source:ZFIN,Acc:ZDB-GENE-080401-2]	2.717981159	0.843656779	1.539548161	3.414327274
ENSORLG00000001367	-	-	2.934018061	0.728033483	1.458813739	3.66528367
ENSORLG00000015540	racgap1	Rac GTPase activating protein 1 [Source:ZFIN,Acc:ZDB-GENE-030131-1917]	1.390786686	0.551389214	2.465116127	3.304989352
ENSORLG00000010509	dna14b	dymrin, axonemal, light chain 4b [Source:ZFIN,Acc:ZDB-GENE-050208-510]	0.210342037	-0.528629099	2.483094316	3.222549892
ENSORLG00000013343	lyne5	lyncee like 5 [Source:NCBI gene:Acc-100524201]	2.031403925	1.400302402	2.67279669	3.304316002
ENSORLG00000010885	fam219ab	frotin FAM219A [Source:NCBI gene:Acc-101166139]	4.020381883	1.230917461	2.512297438	5.30224568
ENSORLG00000013865	sphx4	sphingosine hydrolase 4 [Source:ZFIN,Acc:ZDB-GENE-080227-1]	1.72959053	-0.256661917	2.125962863	4.112699606
ENSORLG00000007535	nrnga	neurogranin (protein kinase C substrate, RC3) a [Source:ZFIN,Acc:ZDB-GENE-090710-4]	1.895871889	0.42320392	1.824987428	3.298139555
ENSORLG00000006801	casp3	Cy288 latipes caspase 3 (casp3), mRNA [Source:RefSeq mRNA,Acc:NM_001104670]	1.210481203	-2.028830763	0.508469279	3.748266599
ENSORLG00000006312	slc25a22a	solute carrier family 25 member 22a [Source:ZFIN,Acc:ZDB-GENE-110408-61]	1.998511952	0.379405843	1.62813939	3.247730463
ENSORLG00000016333	rapunzel4 (1 of many)	rapunzel4 4 [Source:ZFIN,Acc:ZDB-GENE-060417-472]	1.893882362	0.608858175	1.80157907	3.086088317
ENSORLG0000003068	ttk1a	tau tubulin kinase 1a [Source:ZFIN,Acc:ZDB-GENE-100609-4]	2.48697696	-0.081630315	0.784932272	3.354026371
ENSORLG00000003904	-	-	1.869071233	-0.854393631	1.184190792	3.90814045
ENSORLG0000004927	-	-	15.46140367	13.65424666	2.230931211	4.038556035
ENSORLG00000006876	chst3a	carbohydrate (chondroitin 6) sulfotransferase 3a [Source:ZFIN,Acc:ZDB-GENE-090312-180]	3.110631642	0.851400117	2.02609674	4.285724277
ENSORLG00000002238	il2bb	interleukin-12 subunit beta [Source:NCBI gene:Acc-10115453]	3.39547264	0.688039441	0.882646763	3.590569603
ENSORLG0000001084	wab2	WD repeat and SCAN3 box containing 2 [Source:ZFIN,Acc:ZDB-GENE-081104-26]	2.971208894	-0.00156603	0.443998496	3.417258503
ENSORLG00000041386	tomn34	translocase of outer mitochondrial membrane 34 [Source:ZFIN,Acc:ZDB-GENE-030131-2081]	2.419256612	0.866246505	2.094726186	3.648221316
ENSORLG00000016528	PTGR1	prostaglandin reductase 1 [Source:NCBI gene:Acc-101158478]	2.551297694	-0.235719944	0.291867404	3.07937093
ENSORLG00000013994	waf1	WAF5 protein family member 1 [Source:NCBI gene:Acc-101159716]	2.203033815	-0.23955544	0.765446932	3.208521106
ENSORLG00000009849	odf3b	outer dense fiber protein 3-B [Source:NCBI gene:Acc-101159189]	15.56411584	0	1.628877495	17.19348493
ENSORLG00000007787	vax2	ventral anterior homeobox 2 [Source:ZFIN,Acc:ZDB-GENE-030904-8]	13.51246271	11.81239393	2.402850941	4.103387401
ENSORLG00000009929	nuf2	NUF2, NDC80 kinetochore complex component, homolog [Source:ZFIN,Acc:ZDB-GENE-040426-1121]	0.109294608	-1.404874228	2.053462699	3.568116386
ENSORLG00000011823	-	-	0.122285653	-1.352306309	2.98449013	4.45967012
ENSORLG00000007179	tm4d5	transmembrane 4 L six family member 5 [Source:NCBI gene:Acc-101168575]	3.4804034	1.102061806	0.655610061	3.034433218
ENSORLG00000000094	atcc10	ATP-binding cassette, sub-family C (CFTR/MRP), member 10 [Source:ZFIN,Acc:ZDB-GENE-060817-24]	-0.620686489	-2.85943312	0.79939906	3.038571567
ENSORLG00000015623	ttr1	tubulin tyrosine ligase-like family, member 1 [Source:ZFIN,Acc:ZDB-GENE-040426-1326]	0.738524842	0.156239873	2.876536615	3.459306446
ENSORLG00000015190	-	-	4.338980691	3.140730151	2.452715784	3.651451318
ENSORLG00000000597	-	uncharacterized LOC101174083 [Source:NCBI gene:Acc-101174083]	14.34812506	13.05090777	2.516518027	3.814150479
ENSORLG00000015417	dhdh1b	DHDH domain containing 1b [Source:ZFIN,Acc:ZDB-GENE-040724-18]	2.79817358	0.846125733	1.264914861	3.217449209
ENSORLG00000006711	placd2	phosphatidylinositol-specific phospholipase C, X domain containing 2 [Source:ZFIN,Acc:ZDB-GENE-091204-217]	2.36016214	2.290288666	2.993139407	3.063503391
ENSORLG00000001053	-	-	3.858310852	1.488607776	0.845360503	3.12550088
ENSORLG00000015081	ciapin1	cytokine induced apoptosis inhibitor 1 [Source:NCBI gene:Acc-101167114]	1.674532552	-0.062119747	1.664815216	3.401952508
ENSORLG00000008862	cep112	centrosomal protein 112 [Source:ZFIN,Acc:ZDB-GENE-120104-2]	0.123583392	-0.776594915	2.279970247	3.180633751
ENSORLG000000010158	scata18	spermatogenesis associated 18 [Source:ZFIN,Acc:ZDB-GENE-050522-306]	2.32601068	0.063562441	2.10827327	4.371206464
ENSORLG00000014949	bbs2	Bardet-Biedl syndrome 2 [Source:ZFIN,Acc:ZDB-GENE-020801-1]	1.133942455	-0.240239512	1.951755453	3.326422319
ENSORLG00000006879	carnap2a	calmodulin regulated spectrin-associated protein family, member 2a [Source:ZFIN,Acc:ZDB-GENE-030131-3016]	0.56851256	-1.040065567	2.113234168	3.722297359
ENSORLG00000014131	-	-	1.226304753	0.255161401	2.193619158	3.165247487
ENSORLG00000013927	-	-	0.662714462	-0.758439387	1.583138512	3.004778849
ENSORLG00000011794	-	-	1.433698931	-0.17504985	1.639597445	3.22076918
ENSORLG00000001219	col7a1	collagen, type VII, alpha 1 [Source:ZFIN,Acc:ZDB-GENE-030131-2427]	4.62146105	3.696965024	2.297620014	3.22258423
ENSORLG00000011343	fam124b	family with sequence similarity 124B [Source:ZFIN,Acc:ZDB-GENE-130327-1]	1.829121316	0.425177232	2.977823223	4.382252718
ENSORLG00000012073	casp2	caspase 2, apoptosis-related cysteine peptidase [Source:ZFIN,Acc:ZDB-GENE-030825-3]	2.365061641	0.347505897	1.267317359	3.285357923
ENSORLG00000004950	ctnn3a1	catenin 3a, tandem duplicate 1 [Source:ZFIN,Acc:ZDB-GENE-081030-10]	3.01305448	1.094256275	1.343669451	3.262949015
ENSORLG00000010853	rtn4r2a	reticulon-4 receptor-like 2 [Source:NCBI gene:Acc-101165094]	3.599441101	0.310230629	0.244514949	3.534210061
ENSORLG00000009006	hdac3	histone deacetylase 3 [Source:NCBI gene:Acc-101165094]	2.170544817	0.213254879	1.156840095	3.11461491
ENSORLG00000010964	thox8	H-to-hex troxin 8 [Source:NCBI gene:Acc-101166195]	1.521081961	0.717903507	2.789350692	3.593014064
ENSORLG00000004115	-	-	1.942379325	2.236339477	1.217448133	4.336869971
ENSORLG00000002745	si ch73-139e5	si ch73-139e5 2 [Source:ZFIN,Acc:ZDB-GENE-130631-471]	5.380297738	2.062737544	0.671792146	3.989840551
ENSORLG00000007589	-	-	1.310857549	-0.00060899	1.738990449	3.050931978
ENSORLG00000007646	ortac1b	cartilage acidic protein 1b [Source:ZFIN,Acc:ZDB-GENE-090312-28]	14.94188117	0	0.86330219	15.80567496
ENSORLG0000003182	syn1	synapsin I [Source:ZFIN,Acc:ZDB-GENE-081105-98]	2.257899561	-0.392382501	1.427386985	4.078141604
ENSORLG0000003834	WIP1	WD repeat domain phosphoinositide interacting 1 [Source:HGNC Symbol,Acc:HGNC:25471]	1.885598161	-0.012725764	2.434547149	4.33356194
ENSORLG00000004467	-	-	2.12525028	-0.095268781	1.623546007	3.841848007
ENSORLG00000006294	-	-	1.91054746	0.11524322	2.580894432	4.336869971
ENSORLG00000003474	nrtd1b	naradiysin D (N-arginine dibasic convertase) [Source:ZFIN,Acc:ZDB-GENE-050208-422]	2.956136161	0.33919282	1.233091857	3.850521172
ENSORLG00000006155	esm1	endothelial cell-specific molecule 1 [Source:ZFIN,Acc:ZDB-GENE-060929-748]	2.993509394	1.39582784	1.660900113	3.259063467
ENSORLG00000006753	-	-	4.426121616	1.425890439	0.788020389	3.768734357
ENSORLG00000009752	elov5	ELCV, lity acid elongase 5 [Source:NCBI gene:Acc-101168981]	3.395848626	1.496985454	2.766783816	4.664130845
ENSORLG00000011750	-	-	3.481437591	1.067221763	2.325158248	4.739857945
ENSORLG00000004813	AKT3	AK1 serine/threonine kinase 3 [Source:HGNC Symbol,Acc:HGNC:3893]	1.428806683	-0.421838298	2.23409931	4.085228945
ENSORLG00000010959	-	-	2.37422303	1.26999012	2.304093162	3.412010786
ENSORLG00000013178	-	-	1.069319922	-3.755262386	-1.594942239	3.230128288
ENSORLG00000006643	slc12a5a	solute carrier family 12 (potassium/chloride transporter), member 5a [Source:ZFIN,Acc:ZDB-GENE-120927-3]	1.596084282	-0.599158767	1.140582171	3.33631063
ENSORLG00000006737	cyp21	cytochrome P450, family 2, subfamily R, polypeptide 1 [Source:ZFIN,Acc:ZDB-GENE-110114-1]	2.520897864	-1.240897159	1.236310945	4.998589963
ENSORLG00000007398	pp2z2ba	protein phosphatase 2, regulatory subunit B, beta a [Source:ZFIN,Acc:ZDB-GENE-101026-5]	2.399724354	1.232752003	2.480450799	3.647910691

ENSORLG00000009733	rgnl1	regulator of G protein signaling 11 [Source:ZFIN,Acc:ZDB-GENE-080220-48]	3.635347953	2.425403686	2.017357908	3.227782668
ENSORLG00000013678	rdpor2	rhodopsin receptor 2 [Source:ZFIN,Acc:ZDB-GENE-041210-60]	2.853946413	0.815583115	1.531629203	3.570477486
ENSORLG0000002068	si.ch211-14507	si.ch211-14507.3 [Source:ZFIN,Acc:ZDB-GENE-061207-6]	8.955826273	4.564742808	2.29394788	6.685494901
ENSORLG0000002280	-	-	1.183159003	-0.178780585	1.922880009	3.285291369
ENSORLG0000002388	-	-	0.965405877	-4.69465389	-0.873202562	4.787348689
ENSORLG00000013991	RAP1GAP	RAP1 GTPase activating protein [Source:HGNC Symbol,Acc:HGNC:9858]	3.202083	1.8593034	2.518311115	3.861578646
ENSORLG00000007741	got1	glutamic-oxaloacetic transaminase 1, soluble [Source:ZFIN,Acc:ZDB-GENE-040426-2003]	1.005572665	-0.800897464	2.494810111	4.301765532
ENSORLG00000013110	gss7a	growth arrest-specific 7a [Source:ZFIN,Acc:ZDB-GENE-130128-1]	2.30288449	-0.360127593	0.524857899	3.188355104
ENSORLG00000008815	setd9	SET domain containing 9 [Source:NCBI gene,Acc:101184580]	1.875290739	1.191809124	2.361969871	3.045936611
ENSORLG00000000462	-	-	2.572734975	0.102087534	0.654029187	3.125161703
ENSORLG00000007255	lman2a	lectin, mannose-binding 2-like a [Source:ZFIN,Acc:ZDB-GENE-040715-4]	1.807221964	0.128919517	1.393233157	3.072021254
ENSORLG00000004826	pros1	protein S [Source:ZFIN,Acc:ZDB-GENE-061013-657]	-0.223947724	-3.470149937	0.24582025	3.49250778
ENSORLG00000009031	PAX3	paired box 3 [Source:HGNC Symbol,Acc:HGNC:8617]	2.441601099	-11.55178996	2.797042398	16.79049025
ENSORLG00000004395	rfap36	flagella associated protein 36 [Source:ZFIN,Acc:ZDB-GENE-060421-8162]	1.207103087	0.057041299	2.690978401	3.841525295
ENSORLG00000021781	-	-	2.074702671	0.643766257	1.611545516	3.042966626
ENSORLG00000014869	cyt2h13 (1 of	cytochrome P450, family 2, subfamily N, polypeptide 13 [Source:ZFIN,Acc:ZDB-GENE-041001-158]	2.012197323	0.6803419	1.895802351	3.228142679
ENSORLG00000007832	klf4	KAROS family zinc finger 4 [Source:ZFIN,Acc:ZDB-GENE-180319-1]	4.700483621	2.269319074	2.301627827	4.733279206
ENSORLG00000004527	-	-	1.155819167	-0.836330068	1.976046702	3.768688859
ENSORLG00000004052	-	-	2.910514997	0.374955977	0.478282638	3.014326621
ENSORLG00000021688	rf00409	-	1.141367907	-12.2245263	2.975643459	16.34208444
ENSORLG00000006066	RAB28	RAB28, member RAS oncogene family [Source:NCBI gene,Acc:101166561]	2.79200953	0.9417344	2.971671621	4.822431701
ENSORLG00000008899	gfod2	glucose-fructose oxidoreductase domain containing 2 [Source:ZFIN,Acc:ZDB-GENE-061103-64]	2.288785652	0.679927941	1.408820523	3.018163161
ENSORLG00000005222	smap2	small ARF47 [Source:ZFIN,Acc:ZDB-GENE-060503-374]	4.740979087	3.246116881	1.587865997	3.083211032
ENSORLG00000003222	rfap57	flagella associated protein 57 [Source:ZFIN,Acc:ZDB-GENE-110411-266]	5.781193249	1.824371758	2.982422469	6.939727494
ENSORLG00000007348	setu	Oryzias latipes selenoprotein U (setu), mRNA [Source:RefSeq mRNA,Acc:NM_001193545]	2.164214284	-1.142686633	-0.000163222	3.307222486
ENSORLG000000007532	vst11	vesicle amine transport 1 like [Source:NCBI gene,Acc:101162437]	2.645862378	1.916396663	2.561336147	3.291281512
ENSORLG00000002099	RF00045	small nucleolar RNA SNORA73 family [Source:NCBI gene,Acc:111947163]	15.09758199	12.96485345	1.161906461	3.05102241
ENSORLG00000012111	mett4	methyltransferase like 4 [Source:ZFIN,Acc:ZDB-GENE-130129-2]	1.027089915	-1.075663752	0.962813389	3.066052023
ENSORLG00000001729	calm4a	calmodulin-like 4a [Source:ZFIN,Acc:ZDB-GENE-081022-9]	2.885806503	-0.459665047	0.101144645	3.447101251
ENSORLG000000014280	nrp8tr	neuropeptide Y receptor Y8b [Source:ZFIN,Acc:ZDB-GENE-980526-208]	2.583413502	-1.484796747	-0.066832539	4.001664183
ENSORLG00000015367	rbm41	RNA binding motif protein 41 [Source:ZFIN,Acc:ZDB-GENE-041114-107]	2.297072363	0.049518913	1.07622796	3.324266238
ENSORLG00000014632	-	-	2.110808076	0.537085171	1.450587444	3.024804892
ENSORLG00000005090	dennd4c	DENND4D domain containing 4c [Source:ZFIN,Acc:ZDB-GENE-120727-13]	1.887260864	0.109280107	1.662228956	3.440694748
ENSORLG00000018000	atacyb	ataxia, cerebellar, Cayman type b [Source:ZFIN,Acc:ZDB-GENE-070912-200]	3.400816216	0.861066024	0.644911116	3.185145135
ENSORLG00000011789	mpg5b	membrane palmitoylated protein 5 [Source:NCBI gene,Acc:101164939]	0.966478206	-0.784382032	2.819447649	4.570792888
ENSORLG00000015006	cap89	centrosomal protein 89 [Source:ZFIN,Acc:ZDB-GENE-040426-1210]	3.209480888	1.046369935	1.24116133	3.404754534
ENSORLG00000017726	-	-	1.741144308	0.122762811	2.293676897	3.912543436
ENSORLG00000018117	-	-	2.560736883	0.719899817	1.585738119	3.4270599
ENSORLG00000008648	ft172	intraflagellar transport 172 [Source:NCBI gene,Acc:101174877]	2.242145642	-0.172033673	1.055431049	3.470095154
ENSORLG000000005140	zgc:136564	chromosome 9 Cpor64 homolog [Source:NCBI gene,Acc:101169613]	-1.066782641	-1.903125258	2.512000385	3.348888099
ENSORLG00000009879	trnm46a	tripartite motif containing 46a [Source:ZFIN,Acc:ZDB-GENE-110825-1]	2.041944114	-1.15725591	1.55729395	4.75697806
ENSORLG00000014269	porcn	porcupine O-acyltransferase [Source:ZFIN,Acc:ZDB-GENE-081108-87]	13.49693565	11.07352571	2.295472951	4.719405275
ENSORLG00000006795	-	-	2.383758203	0.256001274	1.269386261	3.397528415
ENSORLG00000014218	maco1a	macoalin-1 [Source:NCBI gene,Acc:101174517]	1.318424177	-0.034018675	1.873003799	3.225931423
ENSORLG00000009029	-	-	14.63172615	11.64354057	2.329814549	5.314469228
ENSORLG00000017919	e2f5	E2F transcription factor 5 [Source:ZFIN,Acc:ZDB-GENE-030828-3]	2.772556645	0.157719511	0.698465884	3.313787941
ENSORLG00000014062	slc22a16	solute carrier family 22 (organic cation/carnitine transporter), member 16 [Source:ZFIN,Acc:ZDB-GENE-041001-166]	1.266923416	-0.277569079	2.490945587	4.03592306
ENSORLG00000012060	spata6l	spermatogenesis associated 6-like [Source:ZFIN,Acc:ZDB-GENE-040426-1369]	13.86816085	11.63145902	2.794572705	5.021739192
ENSORLG00000014512	-	-	14.20276438	11.40640699	2.296399135	5.095222028
ENSORLG00000017845	chrm5b	cholinergic receptor, muscarinic 5b [Source:ZFIN,Acc:ZDB-GENE-041001-169]	4.786171629	2.266977056	0.626158777	3.145300324
ENSORLG00000021729	RF00231	small Cajal body-specific RNA 13 [Source:NCBI gene,Acc:111947124]	1.082278042	-0.758748597	1.576287992	3.417799689
ENSORLG00000015575	eml1	ectoderm microtubule associated protein like 1 [Source:ZFIN,Acc:ZDB-GENE-060929-156]	2.263729299	0.679257557	1.564999966	3.14994616
ENSORLG00000015707	-	-	4.105824198	3.055208208	2.642469855	3.893568829
ENSORLG00000005234	carmsap1a	calmodulin regulated spectrin-associated protein 1a [Source:ZFIN,Acc:ZDB-GENE-060518-4]	2.527961512	0.85749717	2.444135504	4.115088661
ENSORLG00000014929	dmnb2	dynamin 2b [Source:ZFIN,Acc:ZDB-GENE-040426-2371]	2.578099873	0.122068834	0.577603482	3.054112507
ENSORLG0000002569	-	-	1.503973824	0.169672638	2.097510237	3.432296381
ENSORLG00000027885	-	-	4.281641067	-8.549168865	2.491288586	15.07667996
ENSORLG00000020281	capn5a	histone-lysine N-methyltransferase SETD1A-8 [Source:NCBI gene,Acc:101162613]	0.160732048	-0.777884331	0.757897472	3.534888807
ENSORLG0000001160	-	-	13.42331685	11.282295	2.342398468	4.483888488
ENSORLG00000007181	p4k2ab	phosphatidylinositol-5-phosphate 4-kinase, type II, alpha b [Source:ZFIN,Acc:ZDB-GENE-070912-272]	1.718250311	0.659583909	2.29620071	3.355352022
ENSORLG00000011674	PLPFR1	phospholipid phosphatase related 1 [Source:HGNC Symbol,Acc:HGNC:79993]	3.120829591	0.188378514	1.274097153	4.207032272
ENSORLG00000015688	-	-	3.453238688	1.675362124	2.355939627	4.134315094
ENSORLG00000021524	RF00319	small nucleolar RNA SNORA23 [Source:NCBI gene,Acc:111946815]	2.481347869	-0.787163013	1.892289301	5.161280454
ENSORLG00000003277	ankra2	ankyrin repeat family A member 2 [Source:NCBI gene,Acc:101158120]	1.210863563	-0.301625134	1.67339624	3.186396834
ENSORLG00000004338	wfhag2	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein gamma [Source:NCBI gene,Acc:101160253]	2.852693127	0.475617916	0.755613135	3.133172149
ENSORLG00000000404	-	-	1.793733815	0.469522098	2.476476774	3.801178959
ENSORLG00000001070	slc38a3a	solute carrier family 38, member 3a [Source:ZFIN,Acc:ZDB-GENE-070815-25]	14.95961169	10.57437592	1.661294229	6.047002731
ENSORLG00000009199	dnajp12b	DnaJ heat shock protein family (Hsp40) member B12 [Source:NCBI gene,Acc:101160360]	14.11549483	12.80688992	1.975220006	3.284291739
ENSORLG00000017722	-	-	12.97924476	0	2.672724063	15.65246017

ENSORLG00000002115	-	-	5.553356132	4.213332067	1.933990177	3.274508531
ENSORLG00000001897	-	-	3.023202745	0.496804364	0.545268274	3.072152173
ENSORLG00000005643	klf4	Kruppel-like factor 4 [Source:ZFIN;Acc:ZDB-GENE-1111014-11]	2.621013289	-0.132406069	1.14906219	3.902966087
ENSORLG000000011558	-	-	2.3964969	1.842374541	2.581107373	3.135715358
ENSORLG00000006790	spock2	SPARC (osteonectin), ovov and kazal like domains proteoglycan 2 [Source:ZFIN;Acc:ZDB-GENE-090312-170]	1.9051475	-0.948458889	1.495765476	4.349861693
ENSORLG00000006677	b4galt4	beta-4-galactosyltransferase polypeptide 4 [Source:ZFIN;Acc:ZDB-GENE-0411114-004]	2.607774517	0.979639009	2.684031245	4.312651772
ENSORLG000000008530	camkvl	CaM kinase-like vesicle-associated, like [Source:ZFIN;Acc:ZDB-GENE-090311-58]	14.73242874	12.44358852	1.081253306	3.370561539
ENSORLG000000011245	epb81a	epb81-like 1a [Source:ZFIN;Acc:ZDB-GENE-050306-14]	6.456052442	1.778003405	0.760607653	5.439119289
ENSORLG000000010171	trpc1	transient receptor potential cation channel, subfamily C, member 1 [Source:ZFIN;Acc:ZDB-GENE-070830-1]	-0.674776901	-2.514490055	2.618970691	4.45906294
ENSORLG000000012843	-	-	0.772909858	-0.415459713	2.070228993	3.258083495
ENSORLG00000007936	-	-	2.027127517	0.832346138	2.588748647	3.784014826
ENSORLG000000001255	-	-	2.445709951	0.166238688	2.518630919	4.798597106
ENSORLG000000009203	-	-	3.830419877	-0.838018027	1.4402013384	3.884438743
ENSORLG000000007908	-	-	0.419773955	-0.70466593	2.485585757	3.610510436
ENSORLG000000007751	acacb	acetyl-CoA carboxylase beta [Source:ZFIN;Acc:ZDB-GENE-060526-132]	2.151306933	0.596848065	1.603228164	3.15817227
ENSORLG0000000013163	-	-	3.168868744	0.163243052	1.460915899	4.465025971
ENSORLG000000012824	klhdc2	kelch domain containing 2 [Source:ZFIN;Acc:ZDB-GENE-070410-69]	1.811449406	-0.144402359	1.131236337	3.087573102
ENSORLG00000000969	adcy6b	adenylylate cyclase B [Source:ZFIN;Acc:ZDB-GENE-090127-21]	3.029013452	1.267004359	2.191983924	3.954477806
ENSORLG000000014319	klh122	kelch-like family member 22 [Source:ZFIN;Acc:ZDB-GENE-081104-154]	2.458892587	0.592293624	1.795380524	3.662464538
ENSORLG000000009064	-	-	2.506591621	1.185204572	2.202695787	3.523569900
ENSORLG000000016845	wdr26b	WD repeat domain 26b [Source:ZFIN;Acc:ZDB-GENE-041014-277]	1.894004789	0.08623983	1.571106158	3.379355914
ENSORLG000000003896	brpf3a	bromodomain and PHD finger containing, 3a [Source:ZFIN;Acc:ZDB-GENE-130530-730]	1.85609726	-0.112759879	1.289512157	3.258853984
ENSORLG000000004490	vgl14b	vestibular-like family member 4b [Source:ZFIN;Acc:ZDB-GENE-040406-2443]	2.871547411	-0.226487882	-0.057031009	3.041489263
ENSORLG000000015817	rtm1a	reticulon 1 [Source:NCBI;Gene:Acc:101155557]	2.768196371	0.619749901	1.997917555	4.146848926
ENSORLG000000016230	cipca	CLOCK-interacting pacemaker a [Source:ZFIN;Acc:ZDB-GENE-120509-3]	2.072938155	-0.192021755	1.856273227	4.121718001
ENSORLG000000018008	tube1	tubulin eselon 1 [Source:NCBI;Gene:Acc:105357241]	-0.297772637	-0.742920146	2.790949469	3.23658227
ENSORLG00000000342	flr	fler [Source:ZFIN;Acc:ZDB-GENE-070117-2066]	1.116766201	-0.551672773	1.533809365	3.20773275
ENSORLG000000011665	scot8	acyl-CoA thioesterase 8 [Source:ZFIN;Acc:ZDB-GENE-041010-174]	2.947690981	0.059010127	0.172796252	3.061962023

Table S2. The details of relative RNA expressions quantified by mean TPMs

gene	RNA-seq MeanTPM											
	WTO	WTO	averageWTO	HmO	HmO	averageHmO	HmT	HmT	averageHmT	WTT	WTT	averageWTT
<i>dynll2</i>	1654.542847	1654.522705	1654.532776	2491.56982	2491.61157	2491.5907	216.537933	216.612503	216.575218	21.138573	21.138496	21.1385345
<i>nanos3</i>	74.249474	74.248573	74.2490235	75.266609	75.267868	75.2672385	3.006331	3.007367	3.006849	8.113937	8.113908	8.1139225
<i>igf2bp3</i>	106.600914	106.599617	106.6002655	96.797195	96.798828	96.7980115	6.987148	6.989555	6.9883515	10.473875	10.473838	10.4738565
<i>sycp1</i>	0.987137	0.987125	0.987131	19.553797	19.554125	19.553961	341.741211	341.858887	341.800049	0.087868	0.087868	0.087868
<i>sycp3</i>	3.209434	3.209395	3.2094145	13.548008	13.548236	13.548122	1195.81384	1196.22559	1196.01971	36.060265	36.060135	36.0602
<i>sycp3l</i>	0.836214	0.836204	0.836209	6.428904	6.429011	6.4289575	692.36145	692.599915	692.4806825	75.624466	75.624199	75.6243325
<i>dnaaf1</i>	0.591493	0.591485	0.591489	0.908715	0.908731	0.908723	214.024719	214.098434	214.061577	5.136553	5.136535	5.136544
<i>fkbp7</i>	0.85495	0.854939	0.8549445	7.868912	7.869044	7.868978	100.362503	100.397072	100.3797875	11.918123	11.91808	11.9181015
<i>smc1b</i>	1.148499	1.148485	1.148492	4.136409	4.136478	4.1364435	400.527679	400.665619	400.596649	73.833267	73.833	73.8331335
<i>nanos2</i>	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	16.289652	16.295261	16.2924565	13.118932	13.118885	13.1189085

MeanTPM	WTO	HmO	HmT	WTT
<i>dynll2</i>	1654.532776	2491.590698	216.575218	21.1385345
<i>nanos3</i>	74.2490235	75.2672385	3.006849	8.1139225
<i>igf2bp3</i>	106.6002655	96.7980115	6.9883515	10.4738565
<i>sycp1</i>	0.987131	19.553961	341.800049	0.087868
<i>sycp3</i>	3.2094145	13.548122	1196.019715	36.0602
<i>sycp3l</i>	0.836209	6.4289575	692.4806825	75.6243325
<i>dnaaf1</i>	0.591489	0.908723	214.0615765	5.136544
<i>fkbp7</i>	0.8549445	7.868978	100.3797875	11.9181015
<i>smc1b</i>	1.148492	4.1364435	400.596649	73.8331335
<i>nanos2</i>	0.0001	0.0001	16.2924565	13.1189085

log2MeanTPM	WTO	HmO	HmT	WTT
<i>dynll2</i>	10.69220816	11.28285138	7.758724359	4.401803455
<i>nanos3</i>	6.214300147	6.233950136	1.588252419	3.020399523
<i>igf2bp3</i>	6.736067221	6.596905506	2.804952175	3.388720839
<i>sycp1</i>	-0.018686541	4.289388975	8.417008794	-3.508518333
<i>sycp3</i>	1.682310128	3.760020978	10.22402545	5.172335493
<i>sycp3l</i>	-0.258064524	2.684584814	9.435630016	6.240778598
<i>dnaaf1</i>	-0.75757676	-0.1380875	7.741882049	2.360798003
<i>fkbp7</i>	-0.226097327	2.976176275	6.649324987	3.575082534
<i>smc1b</i>	0.199740807	2.048390876	8.646006543	6.206196483
<i>nanos2</i>	-13.28771238	-13.28771238	4.026132238	3.713575787

**Table S3. Rawdata of real-time qPCR quantification**

<i>fshr-qfw1 qrv2</i>								
Descriptives					Multiple Comparisons			
tissue	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	Minimum	Maximum	
					Bound	Bound		
WTO	3	0.8993	0.09425	0.05442	0.6652	1.1334	0.81	1.00
WTT	3	13.0541	0.55760	0.32193	11.6690	14.4393	12.50	13.61
HmO	3	2.2024	0.33668	0.19438	1.3660	3.0387	1.83	2.48
HmT	3	17.8113	3.44067	1.98647	9.2642	26.3585	14.49	21.36
Total	12	8.4918	7.62268	2.20048	3.6486	13.3350	0.81	21.36

Multiple Comparisons							
Dependent Variable: Relative expression							
	(I)tissue	(J)tissue	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Bound	Bound
LSD	WTO	WTT	-12.15481*	1.43012	0.000	-15.4527	-8.8570
		HmO	-1.30306	1.43012	0.389	-4.6009	1.9948
		HmT	-16.91203*	1.43012	0.000	-20.2099	-13.6142
	WTT	WTO	12.15481*	1.43012	0.000	8.8570	15.4527
		HmO	10.85175*	1.43012	0.000	7.5539	14.1496
		HmT	-4.75722*	1.43012	0.010	-8.0551	-1.4594
	HmO	WTO	1.30306	1.43012	0.389	-1.9948	4.6009
		WTT	-10.85175*	1.43012	0.000	-14.1496	-7.5539
		HmT	-15.60897*	1.43012	0.000	-18.9068	-12.3111
	HmT	WTO	16.91203*	1.43012	0.000	13.6142	20.2099
		WTT	4.75722*	1.43012	0.010	1.4594	8.0551
		HmO	15.60897*	1.43012	0.000	12.3111	18.9068

\*. The mean difference is significant at the 0.05 level.

<i>mIR202 -Fw1 RV2</i>								
Descriptives					Multiple Comparisons			
tissue	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	Minimum	Maximum	
					Bound	Bound		
WTO	3	0.0150	0.00095	0.00055	0.0126	0.0173	0.01	0.02
WTT	3	0.9469	0.06631	0.03828	0.7822	1.1117	0.87	1.00
HmO	3	0.0138	0.00031	0.00018	0.0130	0.0145	0.01	0.01
HmT	3	1.2402	0.11681	0.06744	0.9500	1.5303	1.11	1.32
Total	12	0.5540	0.57674	0.16649	0.1875	0.9204	0.01	1.32

Multiple Comparisons							
Dependent Variable: Relative expression							
	(I)tissue	(J)tissue	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Bound	Bound
LSD	WTO	WTT	-.93197*	0.05484	0.000	-1.0584	-0.8055
		HmO	0.00120	0.05484	0.983	-0.1253	0.1277
		HmT	-1.22520*	0.05484	0.000	-1.3517	-1.0987
	WTT	WTO	.93197*	0.05484	0.000	0.8055	1.0584
		HmO	.93317*	0.05484	0.000	0.8067	1.0596
		HmT	-.29323*	0.05484	0.001	-0.4197	-0.1668
	HmO	WTO	-0.00120	0.05484	0.983	-0.1277	0.1253
		WTT	-.93317*	0.05484	0.000	-1.0596	-0.8067
		HmT	-1.22640*	0.05484	0.000	-1.3529	-1.0999
	HmT	WTO	1.22520*	0.05484	0.000	1.0987	1.3517
		WTT	.29323*	0.05484	0.001	0.1668	0.4197
		HmO	1.22640*	0.05484	0.000	1.0999	1.3529

\*. The mean difference is significant at the 0.05 level.

<i>mIR202-Fw1 RV3</i>								
Descriptives					Multiple Comparisons			
tissue	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	Minimum	Maximum	
					Bound	Bound		

Multiple Comparisons							
Dependent Variable: Relative expression							
	(I)tissue	(J)tissue	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Bound	Bound

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Bound	Bound		
WTO	3	0.9928	0.01877	0.01084	0.9462	1.0395	0.97	1.01
WTT	3	91.8090	8.89793	5.13722	69.7053	113.9126	83.96	101.48
HmO	3	1.2960	0.09214	0.05320	1.0671	1.5249	1.23	1.40
HmT	3	128.9333	16.18183	9.34258	88.7354	169.1312	112.21	144.51
Total	12	55.7578	59.19227	17.08734	18.1488	93.3668	0.97	144.51

	(I)tissue	(J)tissue	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Bound	Bound
LSD	WTO	WTT	-90.81612 <sup>*</sup>	7.53916	0.000	-108.2015	-73.4308
		HmO	-0.30315	7.53916	0.969	-17.6885	17.0822
		HmT	-127.94051 <sup>*</sup>	7.53916	0.000	-145.3258	-110.5552
		WTT	90.81612 <sup>*</sup>	7.53916	0.000	73.4308	108.2015
		HmO	90.51297 <sup>*</sup>	7.53916	0.000	73.1276	107.8983
		HmT	-37.12438 <sup>*</sup>	7.53916	0.001	-54.5097	-19.7390
	HmO	WTO	0.30315	7.53916	0.969	-17.0822	17.6885
		WTT	-90.51297 <sup>*</sup>	7.53916	0.000	-107.8983	-73.1276
		HmT	-127.63736 <sup>*</sup>	7.53916	0.000	-145.0227	-110.2520
		WTO	127.94051 <sup>*</sup>	7.53916	0.000	110.5552	145.3258
		WTT	37.12438 <sup>*</sup>	7.53916	0.001	19.7390	54.5097
		HmO	127.63736 <sup>*</sup>	7.53916	0.000	110.2520	145.0227

\*. The mean difference is significant at the 0.05 level.

### sycp1-qfw1 qrv2

Descriptives								
tissue	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Bound	Bound		
WTO	3	1.0584	0.21097	0.12180	0.5343	1.5824	0.88	1.29
WTT	3	102.5576	15.21259	8.78299	64.7674	140.3477	89.88	119.43
HmO	3	1.1831	0.08517	0.04917	0.9715	1.3947	1.09	1.25
HmT	3	146.4302	27.73978	16.01557	77.5207	215.3396	119.43	174.85
Total	12	62.8073	67.79111	19.56961	19.7349	105.8797	0.88	174.85

### Multiple Comparisons

Dependent Variable:							
	(I)tissue	(J)tissue	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Bound	Bound
LSD	WTO	WTT	-101.49922 <sup>*</sup>	12.91620	0.000	-131.2840	-71.7144
		HmO	-0.12473	12.91620	0.993	-29.9096	29.6601
		HmT	-145.37182 <sup>*</sup>	12.91620	0.000	-175.1566	-115.5870
		WTT	101.49922 <sup>*</sup>	12.91620	0.000	71.7144	131.2840
		HmO	101.37448 <sup>*</sup>	12.91620	0.000	71.5897	131.1593
		HmT	-43.87260 <sup>*</sup>	12.91620	0.009	-73.6574	-14.0878
	HmO	WTO	0.12473	12.91620	0.993	-29.6601	29.9096
		WTT	-101.37448 <sup>*</sup>	12.91620	0.000	-131.1593	-71.5897
		HmT	-145.24708 <sup>*</sup>	12.91620	0.000	-175.0319	-115.4623
		WTO	145.37182 <sup>*</sup>	12.91620	0.000	115.5870	175.1566
		WTT	43.87260 <sup>*</sup>	12.91620	0.009	14.0878	73.6574
		HmO	145.24708 <sup>*</sup>	12.91620	0.000	115.4623	175.0319

\*. The mean difference is significant at the 0.05 level.

### sycp3-qfw1 qrv2

Descriptives								
tissue	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Bound	Bound		
WTO	3	0.9828	0.05599	0.03233	0.8437	1.1219	0.92	1.03
WTT	3	183.9994	15.61559	9.01567	145.2081	222.7907	166.57	196.72

### Multiple Comparisons

Dependent Variable:							
	(I)tissue	(J)tissue	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Bound	Bound
LSD	WTO	WTT	-183.01665 <sup>*</sup>	15.65159	0.000	-219.1093	-146.9240
		HmO	0.02461	15.65159	0.999	-36.0680	36.1172

HmO	3	0.9582	0.17357	0.10021	0.5270	1.3893	0.84	1.16
HmT	3	251.7009	35.01362	20.21512	164.7223	338.6796	229.13	292.04
Total	12	109.4103	117.13447	33.81381	34.9866	183.8340	0.84	292.04

		HmT	-250.71816*	15.65159	0.000	-286.8108	-214.6255
	WTT	WTO	183.01665*	15.65159	0.000	146.9240	219.1093
		HmO	183.04125*	15.65159	0.000	146.9486	219.1339
		HmT	-67.70151*	15.65159	0.003	-103.7941	-31.6089
	HmO	WTO	-0.02461	15.65159	0.999	-36.1172	36.0680
		WTT	-183.04125*	15.65159	0.000	-219.1339	-146.9486
		HmT	-250.74277*	15.65159	0.000	-286.8354	-214.6501
	HmT	WTO	250.71816*	15.65159	0.000	214.6255	286.8108
		WTT	67.70151*	15.65159	0.003	31.6089	103.7941
		HmO	250.74277*	15.65159	0.000	214.6501	286.8354

\*. The mean difference is significant at the 0.05 level.

**dynll2-qfw3 qrv4**

Descriptives								
tissue								
	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Bound	Bound		
WTO	3	1.0237	0.02972	0.01716	0.9498	1.0975	1.00	1.06
WTT	3	0.1027	0.00321	0.00185	0.0948	0.1107	0.10	0.11
HmO	3	0.7307	0.02557	0.01476	0.6671	0.7942	0.71	0.76
HmT	3	0.3223	0.02637	0.01522	0.2568	0.3878	0.30	0.35
Total	12	0.5448	0.37304	0.10769	0.3078	0.7819	0.10	1.06

Multiple Comparisons							
Dependent Variable:							
	(I)tissue	(J)tissue	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Bound	Bound
LSD	WTO	WTT	.92091*	0.01933	0.000	0.8763	0.9655
		HmO	.29301*	0.01933	0.000	0.2484	0.3376
		HmT	.70135*	0.01933	0.000	0.6568	0.7459
	WTT	WTO	-.92091*	0.01933	0.000	-0.9655	-0.8763
		HmO	-.62791*	0.01933	0.000	-0.6725	-0.5833
		HmT	-.21956*	0.01933	0.000	-0.2641	-0.1750
	HmO	WTO	-.29301*	0.01933	0.000	-0.3376	-0.2484
		WTT	.62791*	0.01933	0.000	0.5833	0.6725
		HmT	.40834*	0.01933	0.000	0.3638	0.4529
	HmT	WTO	-.70135*	0.01933	0.000	-0.7459	-0.6568
		WTT	.21956*	0.01933	0.000	0.1750	0.2641
		HmO	-.40834*	0.01933	0.000	-0.4529	-0.3638

\*. The mean difference is significant at the 0.05 level.

**nanos2-fw3 rv4**

Descriptives								
tissue								
	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Bound	Bound		
WTT	3	1.0406	0.03965	0.02289	0.9421	1.1391	1.00	1.08
WTO	3	0.0609	0.01440	0.00831	0.0251	0.0966	0.05	0.07
HmT	3	5.2188	0.14736	0.08508	4.8527	5.5848	5.13	5.39
HmO	2	0.0153	0.00516	0.00365	-0.0310	0.0617	0.01	0.02
Total	11	1.7265	2.28530	0.68904	0.1912	3.2618	0.01	5.39

Multiple Comparisons							
Dependent Variable:							
	(I)tissue	(J)tissue	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Bound	Bound
LSD	WTT	WTO	.97971*	0.06691	0.000	0.8215	1.1379
		HmT	-4.17822*	0.06691	0.000	-4.3364	-4.0200
		HmO	1.02524*	0.07481	0.000	0.8483	1.2021
	WTO	WTT	-.97971*	0.06691	0.000	-1.1379	-0.8215
		HmT	-5.15793*	0.06691	0.000	-5.3162	-4.9997
		HmO	0.04552581	0.07481	0.562	-0.1314	0.2224
	HmT	WTT	4.17822*	0.06691	0.000	4.0200	4.3364
		WTO	5.15793*	0.06691	0.000	4.9997	5.3162

		HmO	5.20346*	0.07481	0.000	5.0266	5.3804
	HmO	WTT	-1.02524*	0.07481	0.000	-1.2021	-0.8483
		WTO	-0.0455258	0.07481	0.562	-0.2224	0.1314
		HmT	-5.20346*	0.07481	0.000	-5.3804	-5.0266
*. The mean difference is significant at the 0.05 level.							

**nanos3 -Fw Rv**

Descriptives								
tissue								
	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Bound	Bound		
WTT	3	0.8084	0.16853	0.09730	0.3898	1.2271	0.68	1.00
WTO	3	8.7765	0.77311	0.44635	6.8560	10.6970	8.17	9.65
HmT	3	2.8339	1.15698	0.66798	-0.0402	5.7080	2.16	4.17
HmO	3	13.3003	0.14105	0.08144	12.9499	13.6507	13.18	13.45
Total	12	6.4298	5.18470	1.49669	3.1356	9.7240	0.68	13.45

Multiple Comparisons							
Dependent Variable:							
	(I)tissue	(J)tissue	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Bound	Bound
LSD	WTT	WTO	-7.96808*	0.57512	0.000	-9.2943	-6.6418
		HmT	-2.02550*	0.57512	0.008	-3.3517	-0.6993
		HmO	-12.49188*	0.57512	0.000	-13.8181	-11.1656
	WTO	WTT	7.96808*	0.57512	0.000	6.6418	9.2943
		HmT	5.94258*	0.57512	0.000	4.6163	7.2688
		HmO	-4.52380*	0.57512	0.000	-5.8500	-3.1976
	HmT	WTT	2.02550*	0.57512	0.008	0.6993	3.3517
		WTO	-5.94258*	0.57512	0.000	-7.2688	-4.6163
		HmO	-10.46637*	0.57512	0.000	-11.7926	-9.1401
	HmO	WTT	12.49188*	0.57512	0.000	11.1656	13.8181
		WTO	4.52380*	0.57512	0.000	3.1976	5.8500
		HmT	10.46637*	0.57512	0.000	9.1401	11.7926
*. The mean difference is significant at the 0.05 level.							

**Table S4. Primer sets for RT PCR and real-time PCR analysis**

qPCR Primer name	primer (5'-3')	bases	Size(bp)
<i>fshr</i> qfw1	CCGAGAAGCAGATCAAAGTG	20	244
<i>fshr</i> qrv2	TGGAGCGACTGCCTAGCAATAC	22	
<i>miR202</i> Fw1	CAGACAGGTGAGTCCTCTTC	20	284
<i>miR202</i> RV2	CATGTCAAAGAAGTATATGC	20	
<i>miR202</i> Fw1	CAGACAGGTGAGTCCTCTTC	20	491
<i>miR202</i> RV3	GCCTGAAGATTTAACTGATTC	21	
<i>sycp3</i> qfw1	CCATGGCCAGAGGAAGAAGACAAC	24	226
<i>sycp3</i> qrv2	CATCTCCTCCATGTTCTTCACA	22	
<i>sycp1</i> qfw1	CATTCCAGGGTCACCTGAG	19	303
<i>sycp1</i> qrv2	CAAAGTGCAGTTCTTGAAT	18	
<i>dynll2</i> qfw3	GCATATGTCAAGAAGGAAT	19	257
<i>dynll2</i> qrv4	GTGCAACACTACCATCATGA	20	
ola <i>sycp3-hdac8</i> fw1	ccagtggagaaggtggacag	20	As variants
ola <i>sycp3</i> exonVI Rv2	gtagtttcttctgcagcgtggcc	23	
<i>nanos2</i> fw3	ATGGCCTCGGTGCAAACAACCTG	22	215
<i>nanos2</i> rv4	CTGCTGACGGAGCTCGTCTCTG	22	
<i>nanos3</i> Fw	ATGTCAGACGTGGAGTCTG	19	190
<i>nanos3</i> Rv	GCATGTCTCTGTTCAAGTC	19	
<i>actin</i> R	CCTCCAATCCAGACAGAGTATT	22	733
<i>actin</i> F	TTCAACAGCCCTGCCATGTAC	21	
<i>Actin</i> QF	GTGCTGTCTTTCCCTCCATC	20	168
<i>Actin</i> QR	TCTCCATGTATCCCAAGTTG	20	

Table S5. Functional annotation and clustering of enriched KEGG pathways responsive to Gsdf signaling

KEGG_up										
ID	Description	GeneRatio	BgRatio	pvalue	p.adjust	qvalue	geneID	Count	Rich.factor	
ola03440	Homologous recombination	2/9	40/6707	0.001216018	0.017024	0.01408	sycp3/sycp3l	2	37.261111111	
ola03320	PPAR signaling pathway	2/9	83/6707	0.005148573	0.03604	0.029808	fabp7a/fads2	2	17.95716198	
ola00592	alpha-Linolenic acid metabolis	1/9	26/6707	0.034372981	0.160407	0.132668	fads2	1	28.66239316	
ola01040	Biosynthesis of unsaturated fat	1/9	43/6707	0.056275817	0.196965	0.162904	fads2	1	17.33074935	
ola00240	Pyrimidine metabolism	1/9	67/6707	0.086445596	0.202413	0.167409	nme3	1	11.12271973	
ola00983	Drug metabolism - other enzy	1/9	69/6707	0.088920606	0.202413	0.167409	nme3	1	10.80032206	
ola01212	Fatty acid metabolism	1/9	79/6707	0.10120648	0.202413	0.167409	fads2	1	9.433192686	
ola04260	Cardiac muscle contraction	1/9	132/6707	0.163896159	0.262716	0.217284	atp1a3b	1	5.645622896	
ola00230	Purine metabolism	1/9	166/6707	0.202035859	0.262716	0.217284	nme3	1	4.489290495	
ola01240	Biosynthesis of cofactors	1/9	167/6707	0.203133807	0.262716	0.217284	nme3	1	4.462408516	
ola04217	Necroptosis	1/9	170/6707	0.206419598	0.262716	0.217284	chmp6a	1	4.383660131	
ola04261	Adrenergic signaling in cardior	1/9	227/6707	0.266603952	0.311038	0.257249	atp1a3b	1	3.282917279	
ola04144	Endocytosis	1/9	340/6707	0.374057698	0.382856	0.316648	chmp6a	1	2.191830065	
ola04020	Calcium signaling pathway	1/9	350/6707	0.382855745	0.382856	0.316648	p2rx1	1	2.129206349	
remark: Rich factor=GeneRatio/BgRatio										

KEGG_down										
ID	Description	GeneRatio	BgRatio	pvalue	p.adjust	qvalue	geneID	Count	Rich.factor	
ola00561	Glycerolipid metabolism	2/13	71/6707	0.007992756	0.14387	0.134615	plpp4/dgat2	2	14.53304442	
ola04512	ECM-receptor interaction	2/13	107/6707	0.017537304	0.157836	0.147683	frem1b/lamb3	2	9.643421999	
ola00515	Mannose type O-glycan biosyn	1/13	28/6707	0.052979059	0.181999	0.170292	fut4	1	18.42582418	
ola00790	Folate biosynthesis	1/13	29/6707	0.05482234	0.181999	0.170292	tph1a	1	17.79045093	
ola00601	Glycosphingolipid biosynthesis	1/13	35/6707	0.065812657	0.181999	0.170292	fut4	1	14.74065934	
ola04514	Cell adhesion molecules	2/13	224/6707	0.068000063	0.181999	0.170292	cldn15a/claudin-3	2	4.606456044	
ola04530	Tight junction	2/13	256/6707	0.085832789	0.181999	0.170292	cldn15a/claudin-3	2	4.030649038	
ola02010	ABC transporters	1/13	48/6707	0.089221523	0.181999	0.170292	abcc12	1	10.74839744	
ola00380	Tryptophan metabolism	1/13	49/6707	0.090999586	0.181999	0.170292	tph1a	1	10.52904239	
ola00480	Glutathione metabolism	1/13	74/6707	0.134423285	0.241962	0.226397	anpepb	1	6.971933472	
ola00564	Glycerophospholipid metabolis	1/13	111/6707	0.195186363	0.319396	0.29885	plpp4	1	4.647955648	
ola04145	Phagosome	1/13	167/6707	0.279699671	0.364423	0.34098	ctsl.1	1	3.089359742	
ola04142	Lysosome	1/13	170/6707	0.283987162	0.364423	0.34098	ctsl.1	1	3.034841629	
ola04140	Autophagy - animal	1/13	184/6707	0.30368574	0.364423	0.34098	ctsl.1	1	2.803929766	
ola04210	Apoptosis	1/13	184/6707	0.30368574	0.364423	0.34098	ctsl.1	1	2.803929766	
ola04510	Focal adhesion	1/13	269/6707	0.412938829	0.464556	0.434672	lamb3	1	1.917929654	
ola04144	Endocytosis	1/13	340/6707	0.491822991	0.502111	0.469812	dab2	1	1.517420814	
ola04020	Calcium signaling pathway	1/13	350/6707	0.502111228	0.502111	0.469812	ntrk3b	1	1.474065934	
remark: Rich factor=GeneRatio/BgRatio										





**Table S6.** The proportion of Spg2a and Spg2b among the entire EdU positive spermatogonia of normal and *gsdf*-deficient XY testes

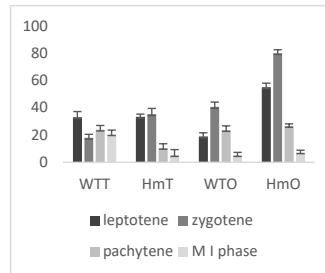
EdU+ Germ cells	normal testes ( <i>gsdf</i> <sup>+/+</sup> XY)			Gsdf-deficient testes ( <i>gsdf</i> <sup>-/-</sup> XY)		
	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
SpgB	32	37	10	35	55	36
SpgB2a	3	4	1	7	7	9
SpgB2b	29	33	9	28	48	27
SpgB2a /SpgB	0.094	0.108	0.1	0.2	0.127	0.25
Average rate	10.06%			19.24%		
SD	0.00343			0.00379		

Table S7 Specific antibodies for immunostaining and Western blot analysis

<b>Antibody</b>	<b>Animal</b>	<b>Company</b>	<b>Antigen</b>	<b>Dilution of working solution</b>	<b>Note</b>
$\alpha$ -PIWIL1	rabbit	BBI Life Sciences	fusion protein of human PIWIL1	1:1000	D221136
$\alpha$ -Sycp3	mouse	Abcam	Hamster COR1/SCP3 protein (expressed as 6x His fusion in bacteria and purified on a Talon under denaturing conditions)	1:1000	Ab97672
$\beta$ -actin (HRP-direct)	mouse	MBL Co.Ltd	$\beta$ -actin	1:10000	PM053-7
$\alpha$ -rabbit IgG (HRP)	goat	Abcam	(H+L Chains)(HRP)	1:1000	ab205718
$\alpha$ -mouse IgG (HRP)	goat	Abcam	(H+L Chains)(HRP)	1:1000	ab205719

Table S8. Proportional distribution of normal and *gsdf*<sup>-/-</sup> gonadal germ cells in prophase of meiosis

stage tissue	leptotene			zygotene			pachytene			M I phase		
	number	Average	STD	number	Average	STD	number	Average	STD	number	Average	STD
WTT	32	33.4	4.1	18	18.0	2.0	25	24.0	2.6	24	20.7	3.1
WTT	38			20			26			20		
WTT	30			16			21			18		
HmT	36	33.4	2.5	40	35.3	4.2	11	10.7	3.5	5	5.3	2.5
HmT	33			32			14			8		
HmT	31			34			7			3		
WTO	22	19.0	3.0	40	40.7	3.1	27	23.7	3.1	5	5.3	1.5
WTO	16			44			23			7		
WTO	19			38			21			4		
HmO	58	55.0	3.0	84	80.0	4.0	29	26.7	2.1	9	7.3	1.5
HmO	52			80			25			7		
HmO	55			76			26			6		



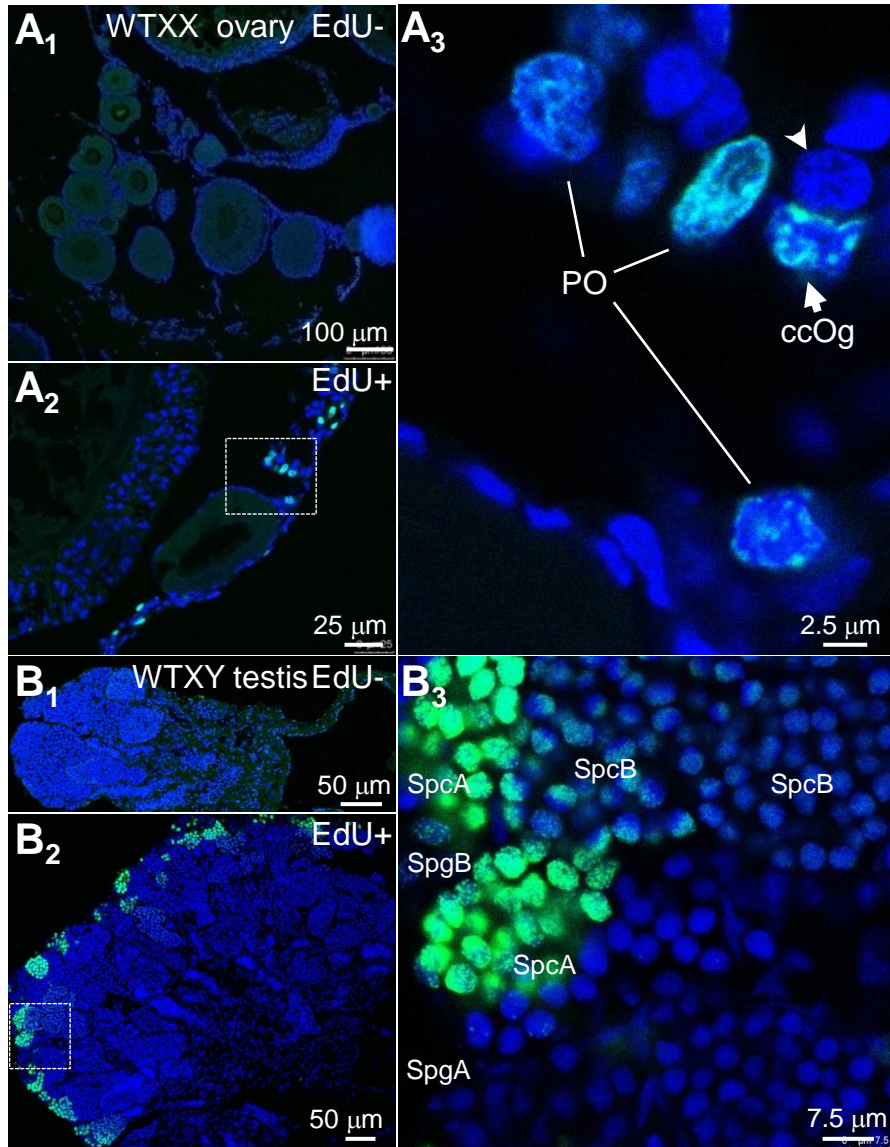


Figure S1. **EdU incorporation features of proliferative XX and XY germ cells.** Green fluorescence was detected in germ cells with EdU+ (A2, ovary; B2, testis) but was absent in EdU- (A1, ovary; B1, testis). A3 and B3 are magnified image of A2 and B2, respectively. ccOg, condensed chromatin oogonia; PO, perinucleolar oocytes; Spg, spermatogonia, Spc, spermatocyte.

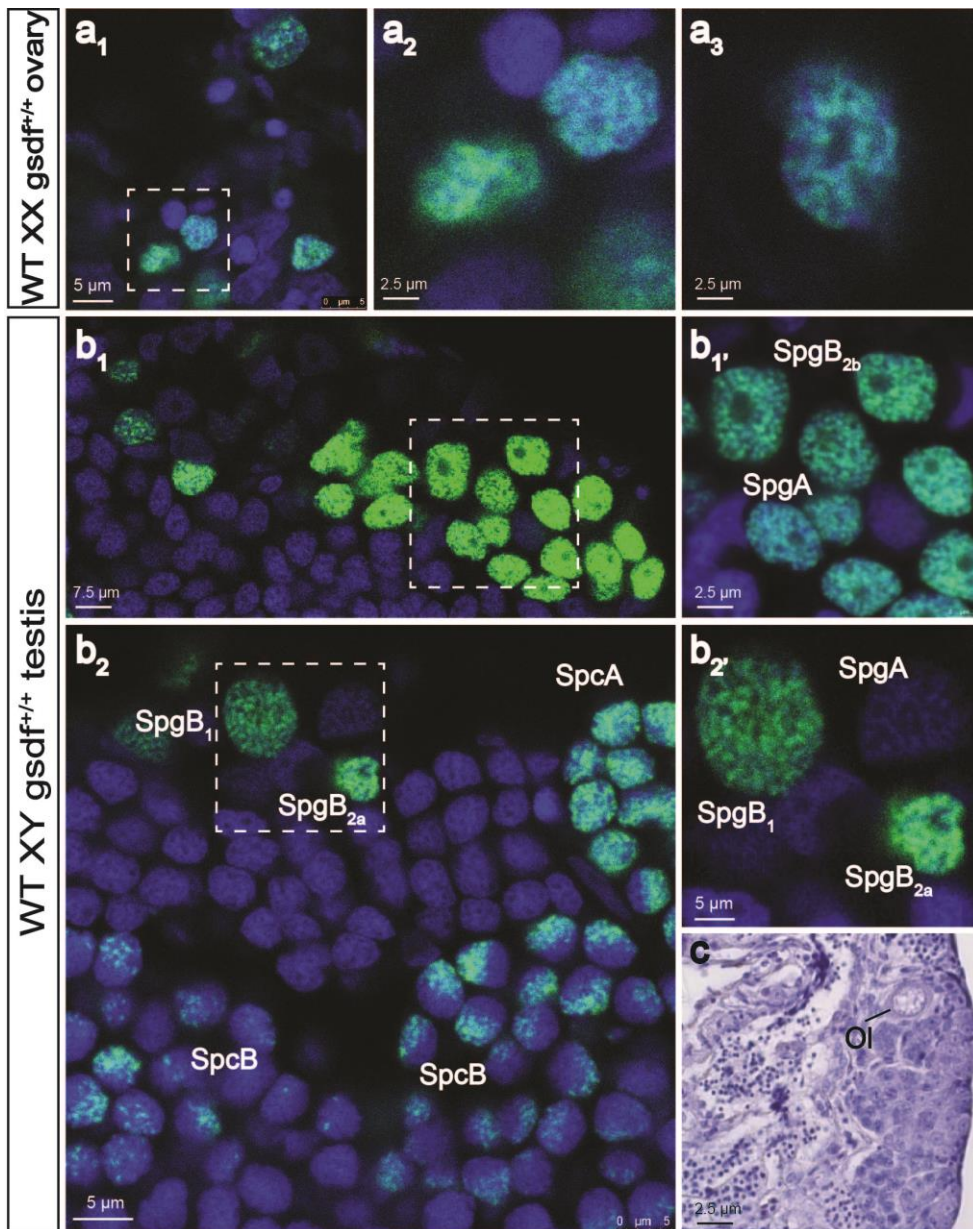


Figure S2. **Morphological changes in the nucleolus of germ cells in normal ovary and testis.** (a) EdU signals in cystic oogonia with larger nucleoli in normal XX ovary at low magnification ( $a_1$ ); magnified images ( $a_2$  and  $a_3$ ). (b) EdU signals in heterologous spermatogonia ( $b_1$ – $b_2'$ ). (c) An oocyte-like (OI) diplotene rarely present in normal XY testes.

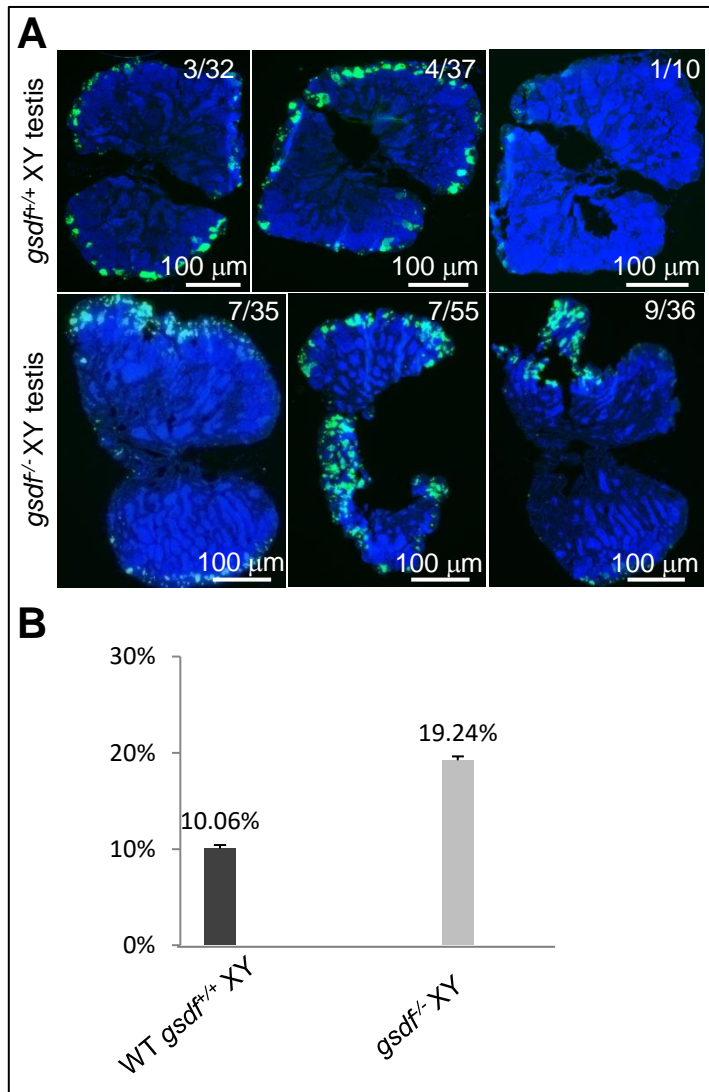


Figure S3. **Proportion of SpgB2a in total SpgB in normal and *gsdf*-deficient testes.** (A) EdU-positive spermatogonia in normal XY testes (upper panel) and *gsdf*<sup>-/-</sup> XY testes (lower panel). (B) The bar graph shows the percentage ratio of SpgB2a to SpgB in intact and defective *gsdf* testes.