

Gene identifier	Log2 fold change (co-cultured vs. worm-free)	Adjusted p-value	Product name	Product description
ENSG00000007908	-5.65	1.99E-70	SELE	selectin E
ENSG00000162692	-5.33	1.97E-45	VCAM1	vascular cell adhesion molecule 1
ENSG00000100311	-4.23	8.29E-246	PDGFB	platelet-derived growth factor beta polypeptide
ENSG00000143869	-4.23	9.81E-201	GDF7	growth differentiation factor 7
ENSG00000108691	-3.88	1.66E-134	CCL2	chemokine (C-C motif) ligand 2
ENSG00000090339	-3.76	0.00E+00	ICAM1	intercellular adhesion molecule 1
ENSG00000111341	-3.74	3.84E-78	MGP	matrix Gla protein
ENSG00000125378	-3.59	7.84E-144	BMP4	bone morphogenetic protein 4
ENSG00000049540	-3.58	2.76E-26	ELN	elastin
ENSG00000168542	-3.57	4.46E-25	COL3A1	collagen; type III; alpha 1
ENSG00000017427	-3.54	4.09E-24	IGF1	insulin like growth factor 1
ENSG00000010319	-3.51	1.68E-62	SEMA3G	sema domain; immunoglobulin domain (Ig); short basic domain; secreted; (semaphorin) 3G
ENSG00000156466	-3.49	2.69E-96	GDF6	growth differentiation factor 6
ENSG00000182492	-3.47	7.19E-278	BGN	biglycan
ENSG00000156804	-3.43	6.40E-132	FBXO32	F-box protein 32
ENSG00000117595	-3.29	1.13E-39	IRF6	interferon regulatory factor 6
ENSG00000023445	-3.25	6.56E-18	BIRC3	baculoviral IAP repeat containing 3
ENSG00000156920	-3.21	3.48E-15	ADGRG4	adhesion G protein-coupled receptor G4
ENSG00000111339	-3.14	2.59E-71	ART4	ADP-ribosyltransferase 4 (Dombrock blood group)
ENSG00000137959	-3.1	1.67E-19	IFI44L	interferon induced protein 44 like
ENSG00000176907	-3.04	1.12E-55	C8orf4	chromosome 8 open reading frame 4
ENSG00000185585	-3.02	1.87E-29	OLFML2A	olfactomedin like 2A
ENSG00000109193	-2.89	1.29E-11	SULT1E1	sulfotransferase family 1E member 1
ENSG00000121858	-2.88	8.56E-31	TNFSF10	tumor necrosis factor superfamily member 10
ENSG00000166912	-2.84	2.10E-273	MTMR10	myotubularin related protein 10
ENSG00000033122	-2.78	3.08E-14	LRRC7	leucine rich repeat containing 7
ENSG00000168843	-2.76	3.01E-11	FSTL5	follistatin-like 5

ENSG00000265107	-2.71	1.25E-19 GJA5	gap junction protein alpha 5
ENSG00000132561	-2.71	6.38E-12 MATN2	matrilin 2
ENSG00000153993	-2.67	7.18E-39 SEMA3D	sema domain; immunoglobulin domain (Ig); short basic domain; secreted; (semaphorin) 3D
ENSG00000092969	-2.65	6.64E-12 TGFB2	transforming growth factor beta 2
ENSG00000129048	-2.63	1.50E-16 ACKR4	atypical chemokine receptor 4
ENSG00000165092	-2.61	1.11E-103 ALDH1A1	aldehyde dehydrogenase 1 family member A1
ENSG00000137573	-2.61	3.11E-10 SULF1	sulfatase 1
ENSG00000164692	-2.6	1.64E-21 COL1A2	collagen; type I; alpha 2
ENSG00000164684	-2.59	1.40E-66 ZNF704	zinc finger protein 704
ENSG00000139209	-2.58	6.30E-09 SLC38A4	solute carrier family 38 member 4
ENSG00000172602	-2.56	2.07E-35 RND1	Rho family GTPase 1
ENSG00000082497	-2.52	1.85E-35 SERTAD4	SERTA domain containing 4
ENSG00000281230	-2.52	1.85E-35 SERTAD4	SERTA domain containing 4
ENSG00000176532	-2.49	3.52E-08 PRR15	proline rich 15
ENSG00000164056	-2.47	5.23E-33 SPRY1	sprouty RTK signaling antagonist 1
ENSG00000175471	-2.47	4.53E-23 MCTP1	multiple C2 domains; transmembrane 1
ENSG00000152932	-2.41	1.76E-16 RAB3C	RAB3C; member RAS oncogene family
ENSG00000109906	-2.39	1.09E-10 ZBTB16	zinc finger and BTB domain containing 16
ENSG00000211445	-2.36	1.18E-29 GPX3	glutathione peroxidase 3
ENSG00000188517	-2.35	2.19E-11 COL25A1	collagen; type XXV; alpha 1
ENSG00000130707	-2.33	1.27E-08 ASS1	argininosuccinate synthase 1
ENSG00000235505	-2.31	1.18E-18 RP11-693N9.2	NA
ENSG00000162772	-2.31	1.78E-17 ATF3	activating transcription factor 3
ENSG00000157601	-2.31	2.39E-09 MX1	MX dynamin-like GTPase 1
ENSG00000177570	-2.3	1.55E-64 SAMD12	sterile alpha motif domain containing 12
ENSG00000162687	-2.3	1.37E-07 KCNT2	potassium channel; sodium activated subfamily T; member 2
ENSG00000078018	-2.28	5.68E-98 MAP2	microtubule associated protein 2
ENSG00000105499	-2.28	7.87E-59 PLA2G4C	phospholipase A2 group IVC
ENSG00000133106	-2.27	7.08E-07 EPSTI1	epithelial stromal interaction 1 (breast)

ENSG00000168386	-2.27	1.59E-108	FILIP1L	filamin A interacting protein 1-like
ENSG00000179954	-2.27	1.27E-19	SSC5D	scavenger receptor cysteine rich family; 5 domains
ENSG00000144810	-2.26	1.57E-33	COL8A1	collagen; type VIII; alpha 1
ENSG00000090530	-2.25	1.49E-12	P3H2	prolyl 3-hydroxylase 2
ENSG00000174600	-2.22	1.19E-08	CMKLR1	chemerin chemokine-like receptor 1
ENSG00000170323	-2.2	2.04E-17	FABP4	fatty acid binding protein 4; adipocyte
ENSG00000168672	-2.19	8.67E-14	FAM84B	family with sequence similarity 84 member B
ENSG00000074527	-2.18	1.16E-102	NTN4	netrin 4
ENSG00000048052	-2.15	1.34E-10	HDAC9	histone deacetylase 9
ENSG00000146122	-2.15	2.93E-06	DAAM2	dishevelled associated activator of morphogenesis 2
ENSG00000183091	-2.13	1.31E-26	NEB	nebulin
ENSG00000138435	-2.12	1.11E-09	CHRNA1	cholinergic receptor; nicotinic alpha 1
ENSG00000176046	-2.11	6.05E-14	NUPR1	nuclear protein 1; transcriptional regulator
ENSG00000085563	-2.11	1.73E-23	ABCB1	ATP binding cassette subfamily B member 1
ENSG00000128045	-2.1	5.74E-06	RASL11B	RAS-like family 11 member B
ENSG00000131386	-2.1	8.01E-13	GALNT15	polypeptide N-acetylgalactosaminyltransferase 15
ENSG00000167191	-2.1	1.20E-25	GPRC5B	G protein-coupled receptor; class C; group 5; member B
ENSG00000257150	-2.09	2.74E-09	PGAM1P5	phosphoglycerate mutase 1 pseudogene 5
ENSG00000120594	-2.08	1.63E-08	PLXDC2	plexin domain containing 2
ENSG00000178922	-2.07	6.19E-54	HYI	hydroxypyruvate isomerase (putative)
ENSG00000140511	-2.07	1.59E-37	HAPLN3	hyaluronan and proteoglycan link protein 3
ENSG00000101306	-2.07	2.19E-14	MYLK2	myosin light chain kinase 2
ENSG00000088367	-2.07	2.95E-47	EPB41L1	erythrocyte membrane protein band 4.1-like 1
ENSG00000078401	-2.07	2.02E-12	EDN1	endothelin 1
ENSG00000115194	-2.03	4.56E-08	SLC30A3	solute carrier family 30 (zinc transporter); member 3
ENSG00000243710	-2.02	1.28E-10	CFAP57	cilia and flagella associated protein 57
ENSG00000120885	-2.01	1.78E-74	CLU	clusterin
ENSG00000179772	-1.99	1.65E-05	FOXS1	forkhead box S1
ENSG00000244306	-1.98	4.88E-26	LINC01296	long intergenic non-protein coding RNA 1296
ENSG00000138650	-1.98	2.74E-248	PCDH10	protocadherin 10

ENSG00000186567	-1.96	1.49E-24	CEACAM19	carcinoembryonic antigen-related cell adhesion molecule 19
ENSG00000003989	-1.94	4.23E-13	SLC7A2	solute carrier family 7 (cationic amino acid transporter; y+ system); member 2
ENSG00000187689	-1.91	2.11E-06	AMTN	amelotin
ENSG00000087253	-1.91	5.25E-105	LPCAT2	lysophosphatidylcholine acyltransferase 2
ENSG00000137801	-1.91	1.81E-295	THBS1	thrombospondin 1
ENSG00000118407	-1.9	3.07E-31	FILIP1	filamin A interacting protein 1
ENSG00000104951	-1.9	2.41E-20	IL4I1	interleukin 4 induced 1
ENSG00000183049	-1.88	1.01E-12	CAMK1D	calcium/calmodulin dependent protein kinase ID
ENSG00000129474	-1.88	3.32E-62	AJUBA	ajuba LIM protein
ENSG00000174640	-1.88	6.12E-05	SLCO2A1	solute carrier organic anion transporter family member 2A1
ENSG00000133687	-1.87	3.70E-06	TMTC1	transmembrane and tetratricopeptide repeat containing 1
ENSG00000184292	-1.87	1.54E-57	TACSTD2	tumor-associated calcium signal transducer 2
ENSG00000115267	-1.86	3.68E-21	IFIH1	interferon induced; with helicase C domain 1
ENSG00000107249	-1.85	1.63E-18	GLIS3	GLIS family zinc finger 3
ENSG00000152495	-1.85	6.22E-15	CAMK4	calcium/calmodulin-dependent protein kinase IV
ENSG00000204397	-1.84	7.39E-79	CARD16	caspase recruitment domain family member 16
ENSG00000158258	-1.83	3.48E-05	CLSTN2	calsyntenin 2
ENSG00000143341	-1.83	1.96E-187	HMCN1	hemicentin 1
ENSG00000073146	-1.83	6.55E-45	MOV10L1	Mov10 RISC complex RNA helicase like 1
ENSG00000112902	-1.83	2.83E-12	SEMA5A	sema domain; seven thrombospondin repeats (type 1 and type 1-like); transmembrane domain (TM) and short cytoplasmic domain; (semaphorin) 5A
ENSG00000164100	-1.81	8.05E-08	NDST3	N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 3
ENSG00000111799	-1.81	2.99E-33	COL12A1	collagen; type XII; alpha 1
ENSG00000243806	-1.81	1.20E-04	RPL7P18	ribosomal protein L7 pseudogene 18
ENSG00000131477	-1.81	6.55E-10	RAMP2	receptor (G protein-coupled) activity modifying protein 2
ENSG00000184371	-1.8	2.00E-39	CSF1	colony stimulating factor 1 (macrophage)
ENSG00000170017	-1.8	7.01E-26	ALCAM	activated leukocyte cell adhesion molecule
ENSG00000099860	-1.79	3.74E-12	GADD45B	growth arrest and DNA damage inducible beta

ENSG00000150938	-1.79	5.68E-43	CRIM1	cysteine rich transmembrane BMP regulator 1 (chordin-like)
ENSG00000130518	-1.79	1.56E-05	KIAA1683	KIAA1683
ENSG00000181072	-1.78	1.35E-04	CHRM2	cholinergic receptor; muscarinic 2
ENSG00000047617	-1.78	5.72E-17	ANO2	anoctamin 2; calcium activated chloride channel
ENSG00000198947	-1.77	1.03E-36	DMD	dystrophin
ENSG00000168702	-1.76	6.83E-05	LRP1B	LDL receptor related protein 1B
ENSG00000162591	-1.75	4.11E-24	MEGF6	multiple EGF-like-domains 6
ENSG00000114698	-1.74	1.48E-112	PLSCR4	phospholipid scramblase 4
ENSG00000163347	-1.74	2.74E-05	CLDN1	claudin 1
ENSG00000239264	-1.73	2.97E-292	TXNDC5	thioredoxin domain containing 5 (endoplasmic reticulum)
ENSG00000104081	-1.73	5.76E-09	BMF	Bcl2 modifying factor
ENSG00000213222	-1.73	7.31E-11	AC093724.2	NA
ENSG00000281848	-1.73	7.31E-11	AC093724.2	NA
ENSG00000197927	-1.71	8.05E-13	C2orf27A	chromosome 2 open reading frame 27A
ENSG00000168491	-1.71	1.22E-04	CCDC110	coiled-coil domain containing 110
ENSG00000170962	-1.71	1.92E-11	PDGFD	platelet derived growth factor D
ENSG00000164161	-1.71	5.18E-31	HHIP	hedgehog interacting protein
ENSG00000049246	-1.7	1.79E-13	PER3	period circadian clock 3
ENSG00000096395	-1.7	3.32E-04	MLN	motilin
ENSG00000150551	-1.69	6.62E-23	LYPD1	LY6/PLAUR domain containing 1
ENSG00000261279	-1.68	5.34E-05	ULK4P1	ULK4 pseudogene 1
ENSG00000170458	-1.68	3.62E-04	CD14	CD14 molecule
ENSG00000114993	-1.67	1.71E-19	RTKN	rhotekin
ENSG00000186472	-1.67	3.70E-07	PCLO	piccolo presynaptic cytomatrix protein
ENSG00000126878	-1.66	1.24E-05	AIF1L	allograft inflammatory factor 1-like
ENSG00000231370	-1.66	4.43E-04	PRRC2A	proline-rich coiled-coil 2A
ENSG00000249437	-1.65	3.05E-05	NAIP	NLR family; apoptosis inhibitory protein
ENSG00000074590	-1.65	2.05E-105	NUAK1	NUAK family; SNF1-like kinase; 1
ENSG00000112414	-1.65	5.17E-71	ADGRG6	adhesion G protein-coupled receptor G6
ENSG00000108387	-1.64	3.37E-04	Sep-04	septin 4

ENSG00000005469	-1.64	6.70E-75 CROT	carnitine O-octanoyltransferase
ENSG00000106302	-1.63	3.80E-04 HYAL4	hyaluronoglucosaminidase 4
ENSG00000100439	-1.63	5.44E-82 ABHD4	abhydrolase domain containing 4
ENSG00000135919	-1.63	2.86E-07 SERPINE2	serpin peptidase inhibitor; clade E (nexin; plasminogen activator inhibitor type 1); member 2
ENSG00000176771	-1.63	3.64E-40 NCKAP5	NCK-associated protein 5
ENSG00000100100	-1.63	6.48E-62 PIK3IP1	phosphoinositide-3-kinase interacting protein 1
ENSG00000154556	-1.62	2.11E-12 SORBS2	sorbin and SH3 domain containing 2
ENSG00000152465	-1.61	6.98E-75 NMT2	N-myristoyltransferase 2
ENSG00000135312	-1.61	3.17E-29 HTR1B	5-hydroxytryptamine (serotonin) receptor 1B; G protein-coupled
ENSG00000122641	-1.61	1.93E-06 INHBA	inhibin beta A
ENSG00000143878	-1.6	1.13E-58 RHOB	ras homolog family member B
ENSG00000205867	-1.59	3.12E-04 KRTAP5-2	keratin associated protein 5-2
ENSG00000278489	-1.59	3.12E-04 KRTAP5-2	keratin associated protein 5-2
ENSG00000281533	-1.59	3.12E-04 KRTAP5-2	keratin associated protein 5-2
ENSG00000107165	-1.59	8.68E-04 TYRP1	tyrosinase-related protein 1
ENSG00000197822	-1.57	1.45E-10 OCLN	occludin
ENSG00000112706	-1.56	6.17E-04 IMPG1	interphotoreceptor matrix proteoglycan 1
ENSG00000146374	-1.56	2.46E-04 RSPO3	R-spondin 3
ENSG00000140105	-1.55	2.34E-198 WARS	tryptophanyl-tRNA synthetase
ENSG00000176697	-1.55	2.01E-12 BDNF	brain-derived neurotrophic factor
ENSG00000099204	-1.55	2.29E-121 ABLIM1	actin binding LIM protein 1
ENSG00000153208	-1.55	4.68E-23 MERTK	MER proto-oncogene; tyrosine kinase
ENSG00000198774	-1.55	4.55E-08 RASSF9	Ras association (RalGDS/AF-6) domain family (N-terminal) member 9
ENSG00000142871	-1.53	3.72E-23 CYR61	cysteine-rich; angiogenic inducer; 61
ENSG00000163520	-1.53	8.88E-05 FBLN2	fibulin 2
ENSG00000127329	-1.53	3.09E-31 PTPRB	protein tyrosine phosphatase; receptor type; B
ENSG00000164855	-1.53	6.92E-04 TMEM184A	transmembrane protein 184A

ENSG00000160323	-1.52	4.89E-04	ADAMTS13	ADAM metallopeptidase with thrombospondin type 1 motif 13
ENSG00000281244	-1.52	4.89E-04	ADAMTS13	ADAM metallopeptidase with thrombospondin type 1 motif 13
ENSG00000257207	-1.52	3.43E-10	AC108938.5	NA
ENSG00000105327	-1.51	1.59E-07	BBC3	BCL2 binding component 3
			BLOC1S5-	
ENSG00000259040	-1.51	1.97E-10	TXNDC5	BLOC1S5-TXNDC5 readthrough (NMD candidate)
ENSG00000164124	-1.5	8.09E-14	TMEM144	transmembrane protein 144 ATPase; aminophospholipid transporter (APLT); class I; type 8A;
ENSG00000124406	-1.5	4.09E-09	ATP8A1	member 1
ENSG00000145703	-1.49	4.91E-07	IQGAP2	IQ motif containing GTPase activating protein 2
ENSG00000156869	-1.49	1.44E-04	FRRS1	ferric-chelate reductase 1
ENSG00000262655	-1.49	4.42E-07	SPON1	spondin 1; extracellular matrix protein
ENSG00000205978	-1.49	8.79E-25	NYNRIN	NYN domain and retroviral integrase containing
ENSG00000144476	-1.49	9.67E-07	ACKR3	atypical chemokine receptor 3
ENSG00000185745	-1.48	7.33E-04	IFIT1	interferon induced protein with tetratricopeptide repeats 1
ENSG00000166073	-1.48	3.39E-09	GPR176	G protein-coupled receptor 176
ENSG00000088340	-1.48	1.67E-07	FER1L4	fer-1-like family member 4; pseudogene (functional)
ENSG00000188396	-1.48	1.31E-03	TCTEX1D4	Tctex1 domain containing 4
ENSG00000000971	-1.48	4.21E-43	CFH	complement factor H
ENSG00000228492	-1.47	9.40E-09	RAB11FIP1P1	RAB11 family interacting protein 1 (class I) pseudogene 1
ENSG00000111424	-1.46	1.75E-03	VDR	vitamin D (1;25- dihydroxyvitamin D3) receptor
ENSG00000108932	-1.46	5.07E-06	SLC16A6	solute carrier family 16 member 6 solute carrier family 6 (neurotransmitter transporter); member
ENSG00000131389	-1.46	3.48E-52	SLC6A6	6
ENSG00000135063	-1.46	1.88E-05	FAM189A2	family with sequence similarity 189 member A2
ENSG00000197558	-1.46	1.35E-05	SSPO	SCO-spondin
ENSG00000162616	-1.45	6.28E-74	DNAJB4	DnaJ heat shock protein family (Hsp40) member B4
ENSG00000138061	-1.45	1.02E-08	CYP1B1	cytochrome P450 family 1 subfamily B member 1
ENSG00000129467	-1.44	6.54E-16	ADCY4	adenylate cyclase 4
ENSG00000178404	-1.43	4.47E-04	CEP295NL	CEP295 N-terminal like

ENSG00000005187	-1.43	7.60E-05	ACSM3 ABC14-	acyl-CoA synthetase medium-chain family member 3
ENSG00000274392	-1.43	2.29E-06	864958H18.2	NA
ENSG00000137501	-1.42	5.43E-04	SYTL2	synaptotagmin like 2
ENSG00000138835	-1.42	9.17E-120	RGS3	regulator of G-protein signaling 3
ENSG00000183087	-1.42	1.33E-178	GAS6	growth arrest specific 6
ENSG00000149403	-1.42	2.98E-07	GRIK4	glutamate receptor; ionotropic; kainate 4
ENSG00000256043	-1.42	3.77E-13	CTSO	cathepsin O
ENSG00000263238	-1.42	3.77E-13	CTSO	cathepsin O
ENSG00000170271	-1.4	4.53E-13	FAXDC2	fatty acid hydroxylase domain containing 2
ENSG00000129757	-1.4	7.04E-04	CDKN1C	cyclin-dependent kinase inhibitor 1C (p57; Kip2)
ENSG00000170667	-1.39	7.94E-08	RASA4B	RAS p21 protein activator 4B
ENSG00000124145	-1.39	2.43E-28	SDC4	syndecan 4
ENSG00000118523	-1.39	9.89E-06	CTGF	connective tissue growth factor
ENSG00000164342	-1.39	3.50E-10	TLR3	toll-like receptor 3
ENSG00000172403	-1.39	1.82E-05	SYNPO2	synaptopodin 2
ENSG00000213398	-1.39	2.84E-07	LCAT	lecithin-cholesterol acyltransferase
ENSG00000139899	-1.38	1.68E-10	CBLN3	cerebellin 3 precursor
ENSG00000119608	-1.38	2.79E-03	PROX2	prospero homeobox 2
ENSG00000149050	-1.38	9.10E-05	ZNF214	zinc finger protein 214
ENSG00000175155	-1.38	5.22E-10	YPEL2	yippee like 2
ENSG00000150347	-1.38	9.30E-21	ARID5B	AT-rich interaction domain 5B
ENSG00000073756	-1.37	1.10E-27	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)
ENSG00000251429	-1.37	1.53E-03	RP11-597D13.7	NA
ENSG00000115380	-1.37	2.24E-94	EFEMP1	EGF containing fibulin-like extracellular matrix protein 1
ENSG00000244627	-1.36	9.79E-09	RP3-449O17.1	NA
ENSG00000178573	-1.36	1.78E-44	MAF	v-maf avian musculoaponeurotic fibrosarcoma oncogene homolog
ENSG00000087245	-1.36	6.11E-263	MMP2	matrix metalloproteinase 2

ENSG00000112182	-1.36	2.28E-03 BACH2	BTB and CNC homology 1; basic leucine zipper transcription factor 2
ENSG00000198542	-1.36	4.67E-05 ITGBL1	integrin subunit beta like 1
ENSG00000222009	-1.36	2.93E-19 BTBD19	BTB (POZ) domain containing 19
ENSG00000013293	-1.36	3.45E-05 SLC7A14	solute carrier family 7 member 14
ENSG00000225830	-1.36	1.80E-52 ERCC6	excision repair cross-complementation group 6
ENSG00000224881	-1.35	4.09E-03 AC068279.3	NA
ENSG00000158683	-1.35	3.83E-07 PKD1L1	polycystic kidney disease 1 like 1
ENSG00000071242	-1.35	9.66E-22 RPS6KA2	ribosomal protein S6 kinase; 90kDa; polypeptide 2
ENSG00000104856	-1.35	4.95E-07 RELB	v-rel avian reticuloendotheliosis viral oncogene homolog B
ENSG00000269964	-1.34	4.55E-03 MEI4	meiotic double-stranded break formation protein 4
ENSG00000008517	-1.34	1.19E-13 IL32	interleukin 32
ENSG00000178690	-1.34	1.39E-05 DYNAP	dynactin associated protein
ENSG00000137872	-1.34	9.83E-09 SEMA6D	sema domain; transmembrane domain (TM); and cytoplasmic domain; (semaphorin) 6D
ENSG00000225210	-1.34	1.84E-07 DUXAP9	double homeobox A pseudogene 9
ENSG00000120337	-1.34	2.09E-15 TNFSF18	tumor necrosis factor superfamily member 18
ENSG00000148488	-1.33	6.79E-06 ST8SIA6	ST8 alpha-N-acetyl-neuraminide alpha-2;8-sialyltransferase 6
ENSG00000108846	-1.33	5.92E-06 ABCC3	ATP binding cassette subfamily C member 3
ENSG00000177144	-1.32	2.10E-13 NUDT4P1	nudix hydrolase 4 pseudogene 1
ENSG00000271121	-1.32	2.10E-13 NUDT4P2	nudix hydrolase 4 pseudogene 2
ENSG00000168314	-1.32	1.41E-06 MOBP	myelin-associated oligodendrocyte basic protein
ENSG00000103034	-1.32	1.92E-16 NDRG4	NDRG family member 4
ENSG00000166741	-1.32	5.50E-15 NNMT	nicotinamide N-methyltransferase
ENSG00000172399	-1.32	3.99E-03 MYOZ2	myozenin 2
ENSG00000139174	-1.32	6.00E-83 PRICKLE1	prickle homolog 1
ENSG00000148677	-1.32	2.59E-03 ANKRD1	ankyrin repeat domain 1 (cardiac muscle)
ENSG00000276644	-1.31	2.24E-05 DACH1	dachshund family transcription factor 1
ENSG00000187010	-1.31	2.22E-03 RHD	Rh blood group; D antigen
ENSG00000130635	-1.31	2.42E-58 COL5A1	collagen; type V; alpha 1

ENSG00000143469	-1.31	1.60E-30 SYT14	synaptotagmin 14
ENSG00000102287	-1.3	2.04E-06 GABRE	gamma-aminobutyric acid (GABA) A receptor; epsilon
ENSG00000274829	-1.3	3.26E-03 PARN	poly(A)-specific ribonuclease
ENSG00000133710	-1.3	6.74E-06 SPINK5	serine peptidase inhibitor; Kazal type 5
ENSG00000137877	-1.3	3.08E-10 SPTBN5	spectrin; beta; non-erythrocytic 5
ENSG00000138448	-1.29	2.10E-45 ITGAV	integrin subunit alpha V
ENSG00000221866	-1.29	5.05E-10 PLXNA4	plexin A4
ENSG00000083857	-1.29	3.55E-76 FAT1	FAT atypical cadherin 1
ENSG00000173598	-1.29	2.08E-26 NUDT4	nudix hydrolase 4
ENSG00000128284	-1.29	1.95E-06 APOL3	apolipoprotein L3
ENSG00000234846	-1.28	7.28E-03 NEU1	neuraminidase 1 (lysosomal sialidase)
ENSG00000164659	-1.28	2.13E-31 KIAA1324L	KIAA1324-like
ENSG00000143367	-1.28	1.03E-04 TUFT1	tuftelin 1
ENSG00000211455	-1.28	8.91E-55 STK38L	serine/threonine kinase 38 like
ENSG00000185885	-1.28	5.32E-03 IFITM1	interferon induced transmembrane protein 1
ENSG00000180340	-1.27	7.32E-07 FZD2	frizzled class receptor 2
ENSG00000180998	-1.27	1.47E-09 GPR137C	G protein-coupled receptor 137C
ENSG00000137403	-1.27	8.78E-03 HLA-F	major histocompatibility complex; class I; F
ENSG00000185101	-1.27	5.37E-03 ANO9	anoctamin 9
ENSG00000010671	-1.27	6.55E-03 BTK	Bruton tyrosine kinase
ENSG00000162654	-1.27	1.34E-06 GBP4	guanylate binding protein 4
ENSG00000174059	-1.26	1.46E-12 CD34	CD34 molecule
ENSG00000135124	-1.26	2.58E-19 P2RX4	purinergic receptor P2X; ligand gated ion channel; 4
ENSG00000154175	-1.26	1.52E-24 ABI3BP	ABI family member 3 binding protein
ENSG00000231925	-1.26	5.36E-03 TAPBP	TAP binding protein (tapasin)
ENSG00000087301	-1.26	2.21E-14 TXNDC16	thioredoxin domain containing 16
ENSG00000013297	-1.25	1.01E-21 CLDN11	claudin 11
ENSG00000196159	-1.25	7.18E-78 FAT4	FAT atypical cadherin 4
ENSG00000189221	-1.25	6.41E-03 MAOA	monoamine oxidase A
ENSG00000164176	-1.25	7.38E-44 EDIL3	EGF-like repeats and discoidin I-like domains 3

ENSG00000169242	-1.25	2.93E-04 EFNA1	ephrin-A1
ENSG00000257093	-1.25	3.33E-13 KIAA1147	KIAA1147
ENSG00000262599	-1.25	3.33E-13 KIAA1147	KIAA1147
ENSG00000165194	-1.24	2.18E-09 PCDH19	protocadherin 19
ENSG00000134058	-1.24	9.65E-03 CDK7	cyclin-dependent kinase 7
ENSG00000146592	-1.24	6.17E-20 CREB5	cAMP responsive element binding protein 5
ENSG00000063127	-1.24	2.40E-07 SLC6A16	solute carrier family 6 member 16
ENSG00000142949	-1.23	7.79E-28 PTPRF	protein tyrosine phosphatase; receptor type; F
ENSG00000162496	-1.23	2.67E-18 DHRS3	dehydrogenase/reductase (SDR family) member 3
ENSG00000100625	-1.23	1.53E-07 SIX4	SIX homeobox 4
			neural precursor cell expressed; developmentally down-
ENSG00000049759	-1.23	4.76E-29 NEDD4L	regulated 4-like; E3 ubiquitin protein ligase
ENSG00000100376	-1.23	2.28E-24 FAM118A	family with sequence similarity 118 member A
ENSG00000164220	-1.22	3.75E-07 F2RL2	coagulation factor II (thrombin) receptor-like 2
ENSG00000153721	-1.22	3.52E-12 CNKSR3	CNKSR family member 3
ENSG00000142303	-1.22	4.23E-07 ADAMTS10	ADAM metallopeptidase with thrombospondin type 1 motif 10
ENSG00000159917	-1.22	3.52E-08 ZNF235	zinc finger protein 235
ENSG00000075826	-1.21	6.55E-05 SEC31B	SEC31 homolog B; COPII coat complex component
ENSG00000105639	-1.21	3.97E-03 JAK3	Janus kinase 3
ENSG00000241399	-1.21	4.37E-19 CD302	CD302 molecule
ENSG00000178038	-1.21	9.64E-08 ALS2CL	ALS2 C-terminal like
ENSG00000113448	-1.21	1.44E-51 PDE4D	phosphodiesterase 4D
ENSG00000188452	-1.21	1.58E-14 CERKL	ceramide kinase like
ENSG00000073282	-1.21	3.26E-03 TP63	tumor protein p63
ENSG00000186665	-1.2	5.55E-22 C17orf58	chromosome 17 open reading frame 58
ENSG00000204262	-1.2	1.13E-195 COL5A2	collagen; type V; alpha 2
ENSG00000137070	-1.2	2.83E-05 IL11RA	interleukin 11 receptor subunit alpha
ENSG00000206530	-1.19	3.74E-16 CFAP44	cilia and flagella associated protein 44
ENSG00000144134	-1.19	1.15E-06 RABL2A	RAB; member of RAS oncogene family-like 2A
ENSG00000185070	-1.19	6.31E-20 FLRT2	fibronectin leucine rich transmembrane protein 2

ENSG00000105808	-1.19	9.59E-06	RASA4	RAS p21 protein activator 4
ENSG00000162980	-1.19	2.96E-63	ARL5A	ADP ribosylation factor like GTPase 5A
ENSG00000114841	-1.19	5.00E-09	DNAH1	dynein; axonemal; heavy chain 1
ENSG00000101353	-1.18	2.87E-03	MROH8	maestro heat-like repeat family member 8
ENSG00000172260	-1.18	1.25E-04	NEGR1	neuronal growth regulator 1
ENSG00000278741	-1.18	6.39E-06	ABR	active BCR-related
ENSG00000178772	-1.17	1.15E-04	CPN2	carboxypeptidase N subunit 2
ENSG00000132530	-1.17	2.51E-04	XAF1	XIAP associated factor 1
ENSG00000156968	-1.17	1.41E-05	MPV17L	MPV17 mitochondrial membrane protein-like neural precursor cell expressed; developmentally down- regulated 9
ENSG00000111859	-1.17	6.67E-42	NEDD9	
ENSG00000133026	-1.17	5.52E-118	MYH10	myosin; heavy chain 10; non-muscle
ENSG00000126709	-1.17	6.63E-06	IFI6	interferon; alpha-inducible protein 6
ENSG00000278311	-1.17	2.09E-05	GGNBP2	gametogenetin binding protein 2
ENSG00000230596	-1.17	4.13E-03	GPAA1P2	glycosylphosphatidylinositol anchor attachment 1 pseudogene 2
ENSG00000205269	-1.17	1.89E-06	TMEM170B	transmembrane protein 170B
ENSG00000164463	-1.17	3.27E-08	CREBRF	CREB3 regulatory factor
ENSG00000075275	-1.17	1.27E-19	CELSR1	cadherin; EGF LAG seven-pass G-type receptor 1
ENSG00000241644	-1.16	5.18E-03	INMT	indolethylamine N-methyltransferase
ENSG00000162415	-1.16	5.62E-09	ZSWIM5	zinc finger; SWIM-type containing 5
ENSG00000172738	-1.16	2.16E-19	TMEM217	transmembrane protein 217
ENSG00000099889	-1.15	2.00E-30	ARVCF	armadillo repeat gene deleted in velocardiofacial syndrome
ENSG00000198829	-1.15	6.45E-06	SUCNR1	succinate receptor 1
ENSG00000151687	-1.15	2.36E-03	ANKAR	ankyrin and armadillo repeat containing
ENSG00000137965	-1.15	6.52E-10	IFI44	interferon induced protein 44
ENSG00000164574	-1.15	1.16E-22	GALNT10	polypeptide N-acetylgalactosaminyltransferase 10
ENSG00000141655	-1.15	7.25E-23	TNFRSF11A	tumor necrosis factor receptor superfamily member 11a
ENSG00000108771	-1.15	7.63E-07	DHX58	DEXH (Asp-Glu-X-His) box polypeptide 58
ENSG00000128602	-1.15	5.94E-04	SMO	smoothened; frizzled class receptor

ENSG00000114423	-1.15	2.96E-06 CBLB	Cbl proto-oncogene B; E3 ubiquitin protein ligase
ENSG00000124772	-1.14	1.74E-15 CPNE5	copine V
ENSG00000163694	-1.14	9.98E-04 RBM47	RNA binding motif protein 47
ENSG00000183111	-1.14	1.25E-12 ARHGEF37	Rho guanine nucleotide exchange factor 37
ENSG00000185614	-1.14	5.21E-06 FAM212A	family with sequence similarity 212 member A
ENSG00000260230	-1.14	4.51E-03 FRRS1L	ferric-chelate reductase 1-like
ENSG00000197245	-1.14	1.16E-04 FAM110D	family with sequence similarity 110 member D
ENSG00000117228	-1.14	3.69E-19 GBP1	guanylate binding protein 1; interferon-inducible
ENSG00000214174	-1.13	9.86E-08 AMZ2P1	archaelysin family metallopeptidase 2 pseudogene 1
ENSG00000184916	-1.13	2.27E-196 JAG2	jagged 2
ENSG00000102890	-1.13	6.61E-03 ELMO3	engulfment and cell motility 3
ENSG00000091831	-1.13	6.28E-03 ESR1	estrogen receptor 1
ENSG00000166432	-1.12	7.89E-05 ZMAT1	zinc finger; matrin-type 1
ENSG00000117394	-1.12	3.94E-39 SLC2A1	solute carrier family 2 (facilitated glucose transporter); member 1
		RP11-	
ENSG00000267281	-1.12	1.84E-03 793H13.10	NA
ENSG00000182179	-1.12	1.84E-12 UBA7	ubiquitin-like modifier activating enzyme 7
ENSG00000181852	-1.12	5.79E-63 RNF41	ring finger protein 41; E3 ubiquitin protein ligase
ENSG00000181104	-1.12	1.05E-214 F2R	coagulation factor II (thrombin) receptor
ENSG00000280537	-1.12	1.83E-03 RP11-33O4.2	NA
ENSG00000187066	-1.12	3.33E-03 TMEM262	transmembrane protein 262
ENSG00000164849	-1.12	3.66E-03 GPR146	G protein-coupled receptor 146
ENSG00000172733	-1.11	1.52E-10 PURG	purine-rich element binding protein G
ENSG00000091137	-1.11	8.58E-03 SLC26A4	solute carrier family 26 (anion exchanger); member 4
ENSG00000100342	-1.11	6.95E-21 APOL1	apolipoprotein L1
ENSG00000095637	-1.11	5.28E-05 SORBS1	sorbin and SH3 domain containing 1
ENSG00000139880	-1.11	4.91E-23 CDH24	cadherin 24; type 2
ENSG00000117519	-1.11	6.27E-76 CNN3	calponin 3; acidic
ENSG00000003096	-1.1	7.15E-18 KLHL13	kelch like family member 13

ENSG00000115232	-1.1	3.35E-18	ITGA4	integrin subunit alpha 4
ENSG00000079691	-1.1	6.90E-03	LRRC16A	leucine rich repeat containing 16A
ENSG00000197381	-1.1	2.53E-45	ADARB1	adenosine deaminase; RNA-specific; B1
ENSG00000276256	-1.1	6.02E-14	AC011043.1	uncharacterized protein LOC389831
ENSG00000204403	-1.1	3.43E-03	CASP12	caspase 12 (gene/pseudogene)
ENSG00000169083	-1.09	3.74E-18	AR	androgen receptor
ENSG00000168994	-1.09	3.44E-51	PXDC1	PX domain containing 1
ENSG00000154263	-1.09	8.88E-03	ABCA10	ATP binding cassette subfamily A member 10
ENSG00000087903	-1.09	3.32E-15	RFX2	regulatory factor X2
ENSG00000183696	-1.09	3.79E-44	UPP1	uridine phosphorylase 1
ENSG00000164823	-1.09	4.64E-47	OSGIN2	oxidative stress induced growth inhibitor family member 2
ENSG00000073605	-1.09	2.60E-05	GSDMB	gasdermin B
ENSG00000105696	-1.09	1.34E-03	TMEM59L	transmembrane protein 59 like
ENSG00000221968	-1.09	3.41E-09	FADS3	fatty acid desaturase 3
ENSG00000167995	-1.09	2.31E-03	BEST1	bestrophin 1
ENSG00000131724	-1.09	3.38E-46	IL13RA1	interleukin 13 receptor subunit alpha 1
ENSG00000134243	-1.09	3.93E-09	SORT1	sortilin 1
ENSG00000196693	-1.08	3.79E-06	ZNF33B	zinc finger protein 33B
ENSG00000143434	-1.08	4.05E-21	SEMA6C	sema domain; transmembrane domain (TM); and cytoplasmic domain; (semaphorin) 6C
ENSG00000206149	-1.08	1.22E-05	HERC2P9	hect domain and RLD 2 pseudogene 9
ENSG00000276550	-1.08	3.27E-07	HERC2P2	hect domain and RLD 2 pseudogene 2
ENSG00000130653	-1.08	2.86E-03	PNPLA7	patatin like phospholipase domain containing 7
ENSG00000107902	-1.08	4.69E-03	LHPP	phospholysine phosphohistidine inorganic pyrophosphate phosphatase
ENSG00000214279	-1.08	6.53E-03	SCART1	scavenger receptor protein family member
ENSG00000113108	-1.08	4.93E-07	APBB3	amyloid beta (A4) precursor protein-binding; family B; member 3
ENSG00000134508	-1.07	1.98E-24	CABLES1	Cdk5 and Abl enzyme substrate 1
ENSG00000162944	-1.07	5.82E-06	RFTN2	raftlin family member 2

ENSG00000150593	-1.07	1.75E-26	PDCD4	programmed cell death 4 (neoplastic transformation inhibitor)
ENSG00000166343	-1.07	3.90E-03	MSS51	MSS51 mitochondrial translational activator
ENSG00000143127	-1.07	7.29E-03	ITGA10	integrin subunit alpha 10
ENSG00000048740	-1.07	1.57E-23	CELF2	CUGBP; Elav-like family member 2
ENSG00000153815	-1.07	4.01E-54	CMIP	c-Maf inducing protein
ENSG00000169439	-1.07	6.63E-05	SDC2	syndecan 2
ENSG00000253326	-1.07	2.05E-03	RP11-261C10.7	NA
ENSG00000261652	-1.06	4.43E-03	C15orf65	chromosome 15 open reading frame 65
ENSG00000109472	-1.06	3.60E-10	CPE	carboxypeptidase E
ENSG00000274671	-1.06	7.76E-10	MARVELD2	MARVEL domain containing 2
ENSG00000091986	-1.06	2.76E-16	CCDC80	coiled-coil domain containing 80
ENSG00000173706	-1.06	5.76E-64	HEG1	heart development protein with EGF-like domains 1
ENSG00000130147	-1.06	9.11E-19	SH3BP4	SH3-domain binding protein 4
ENSG00000197969	-1.06	4.78E-60	VPS13A	vacuolar protein sorting 13 homolog A (<i>S. cerevisiae</i>)
ENSG00000196724	-1.06	2.60E-03	ZNF418	zinc finger protein 418
ENSG00000111912	-1.06	1.26E-26	NCOA7	nuclear receptor coactivator 7
ENSG00000186812	-1.06	2.45E-04	ZNF397	zinc finger protein 397
ENSG00000225828	-1.06	1.31E-03	FAM229A	family with sequence similarity 229 member A
ENSG00000126803	-1.05	1.34E-06	HSPA2	heat shock protein family A (Hsp70) member 2
ENSG00000168916	-1.05	4.05E-05	ZNF608	zinc finger protein 608
ENSG00000002549	-1.05	9.36E-34	LAP3	leucine aminopeptidase 3
ENSG00000110799	-1.05	2.64E-03	VWF	von Willebrand factor
ENSG00000135914	-1.05	7.69E-05	HTR2B	5-hydroxytryptamine (serotonin) receptor 2B; G protein-coupled
ENSG00000064692	-1.04	5.28E-07	SNCAIP	synuclein alpha interacting protein
ENSG00000188313	-1.04	1.46E-31	PLSCR1	phospholipid scramblase 1
ENSG00000166450	-1.04	1.90E-04	PRTG	protogenin
ENSG00000109929	-1.04	4.54E-11	SC5D	sterol-C5-desaturase
ENSG00000104894	-1.04	2.44E-06	CD37	CD37 molecule
ENSG00000158321	-1.04	6.18E-09	AUTS2	autism susceptibility candidate 2

ENSG00000163453	-1.04	1.94E-06	IGFBP7	insulin like growth factor binding protein 7
ENSG00000166147	-1.04	3.71E-89	FBN1	fibrillin 1
ENSG00000198832	-1.04	5.99E-21	SELM	selenoprotein M
ENSG00000137193	-1.03	2.54E-04	PIM1	Pim-1 proto-oncogene; serine/threonine kinase
ENSG00000115414	-1.03	6.16E-41	FN1	fibronectin 1
ENSG00000129680	-1.03	4.97E-13	MAP7D3	MAP7 domain containing 3
ENSG00000196586	-1.03	1.39E-64	MYO6	myosin VI
ENSG00000114796	-1.03	4.92E-12	KLHL24	kelch like family member 24
ENSG00000214021	-1.03	4.33E-15	TTLL3	tubulin tyrosine ligase like 3
ENSG00000251192	-1.03	1.06E-04	ZNF674	zinc finger protein 674
ENSG00000169515	-1.03	1.57E-03	CCDC8	coiled-coil domain containing 8
ENSG00000069424	-1.02	5.83E-05	KCNAB2	potassium channel; voltage gated subfamily A regulatory beta subunit 2
ENSG00000146859	-1.02	1.51E-19	TMEM140	transmembrane protein 140
ENSG00000054392	-1.02	1.21E-03	HHAT	hedgehog acyltransferase
ENSG00000280680	-1.02	1.21E-03	HHAT	hedgehog acyltransferase
ENSG00000232653	-1.02	1.88E-04	GOLGA8N	golgin A8 family member N
ENSG00000099864	-1.02	2.55E-03	PALM	paralemmin
ENSG00000020577	-1.02	1.77E-07	SAMD4A	sterile alpha motif domain containing 4A
ENSG00000197959	-1.01	1.39E-03	DNM3	dynamamin 3
ENSG00000197119	-1.01	7.11E-44	SLC25A29	solute carrier family 25 (mitochondrial carnitine/acylcarnitine carrier); member 29
ENSG00000196562	-1.01	3.80E-04	SULF2	sulfatase 2
ENSG00000055813	-1.01	1.97E-09	CCDC85A	coiled-coil domain containing 85A
ENSG00000145075	-1.01	2.32E-04	CCDC39	coiled-coil domain containing 39
ENSG00000095303	-1.01	6.77E-11	PTGS1	prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclooxygenase)
ENSG00000081923	-1	2.73E-53	ATP8B1	ATPase; aminophospholipid transporter; class I; type 8B; member 1
ENSG00000084112	-1	2.65E-24	SSH1	slingshot protein phosphatase 1

ENSG00000104213	-1	6.24E-05 PDGFR	platelet-derived growth factor receptor-like
ENSG00000176826	-1	1.27E-03 FKBP9P1	FK506 binding protein 9 pseudogene 1
ENSG00000231257	-1	9.12E-03 ATAT1	alpha tubulin acetyltransferase 1
ENSG00000235658	-1	9.12E-03 ATAT1	alpha tubulin acetyltransferase 1