

**Supplemental Table 1. 542 Gene Changed between ABCG2 MSC and NG2 pericytes**

ABCG2/NG2	ABCG2/Fibroblast	Accession	Gene Symbol	Gene Description
3.60493818	37.1298869	NM_001099327	100043387	predicted gene, 100043387
-2.46115063	-65.2856118	NM_183116	1110021L09Rik	RIKEN cDNA 1110021L09 gene
-2.09570207	11.4613658	CT010205	1110032A03Rik	RIKEN cDNA 1110032A03 gene
-2.84877383	4.40602958	NM_027878	1200002N14Rik	RIKEN cDNA 1200002N14 gene
-2.97417537	-17.0971585	NM_024244	1200015N20Rik	RIKEN cDNA 1200015N20 gene
-5.90317407	29.4188088	ENSJMUST00000021207	1500005K14Rik	RIKEN cDNA 1500005K14 gene
2.4046798	64.7481695	NM_026889	1500010J02Rik	RIKEN cDNA 1500010J02 gene
2.39633407	135.382956	BC034723	1700025G04Rik	RIKEN cDNA 1700025G04 gene
-2.9669558	9.39947946	NM_027285	1700029I01Rik	RIKEN cDNA 1700029I01 gene
2.45140774	109.433902	BC048158	1700047117Rik1	RIKEN cDNA 1700047117 gene 1
2.15903511	-2.92552387	NM_134133	2010002N04Rik	RIKEN cDNA 2010002N04 gene
-2.65924411	-3.83911539	NM_001081156	2300002D11Rik	RIKEN cDNA 2300002D11 gene
-2.61435016	12.8287151	AY761096	2310044H10Rik	RIKEN cDNA 2310044H10 gene
2.16941165	-1.88772723	ENSJMUST00000053264	2410089E03Rik	RIKEN cDNA 2410089E03 gene
2.23426034	36.6621636	U62393	3100002L24Rik	RIKEN cDNA 3100002L24 gene
7.79280122	-2.87960937	NM_178098	4930486L24Rik	RIKEN cDNA 4930486L24 gene
-2.62140625	-2.64074793	ENSJMUST00000060298	4930523C07Rik	RIKEN cDNA 4930523C07 gene
-2.4357309	8.43634779	BC060233	4931406P16Rik	RIKEN cDNA 4931406P16 gene
-5.03188831	-1.6527143	AK030236	4933427G23Rik	RIKEN cDNA 4933427G23 gene
-15.0199493	-41.3532721	NM_001126490	5430433G21Rik	RIKEN cDNA 5430433G21 gene
2.16200096	-2.32247677	BC060679	6030443O07Rik	RIKEN cDNA 6030443O07 gene
-4.52061618	4.41099534	BC116246	6330406I15Rik	RIKEN cDNA 6330406I15 gene
4.19574229	-2.73258619	NM_029679	6330500D04Rik	RIKEN cDNA 6330500D04 gene
4.95185254	4.07058979	NM_029528	6330503C03Rik	RIKEN cDNA 6330503C03 gene
4.55576986	14.3637966	BC057309	6430706D22Rik	RIKEN cDNA 6430706D22 gene
-2.25714253	16.7287066	NM_172600	6720456H20Rik	RIKEN cDNA 6720456H20 gene
-3.61535293	4.27888123	NM_133733	9030425E11Rik	RIKEN cDNA 9030425E11 gene
4.22050123	1.79379199	BC066161	9030617003Rik	RIKEN cDNA 9030617003 gene
3.53560957	-3.07475163	BC116748	9030625A04Rik	RIKEN cDNA 9030625A04 gene
3.36613891	-42.1354542	BC006604	9130213B05Rik	RIKEN cDNA 9130213B05 gene
4.37217759	-4.45214908	BC147606	9430028L06Rik	RIKEN cDNA 9430028L06 gene
2.80142024	1.46132732	NM_153416	Aaas	achalasia, adrenocortical insufficiency, alacrimia
-173.021884	-1.6061943	NM_001014423	Abi3bp	ABI gene family, member 3 (NESH) binding protein
-2.97727862	-2.31524423	NM_009606	Acta1	actin, alpha 1, skeletal muscle
2.27747743	-63.7124686	NM_019673	Actl6a	actin-like 6A
-3.14805703	-5.69699303	NM_011780	Adam23	a disintegrin and metallopeptidase domain 23
-6.48458452	-492.940865	NM_153534	Adcy2	adenylate cyclase 2
2.32521864	1.86977801	NM_134052	Adi1	acireductone dioxygenase 1
2.25581241	-2.25923721	NM_026644	Agpat4	1-acylglycerol-3-phosphate O-acyltransferase 4 (lysophosphatidic acid acyltransferase, delta)
-2.38096952	-147.28887	NM_009642	Agtrap	angiotensin II, type I receptor-associated protein
-2.99753789	1.57162418	NM_001081277	Ak5	adenylate kinase 5
8.74238506	27.3201342	NM_031185	Akap12	A kinase (PRKA) anchor protein (gravin) 12
-2.12721812	-55.9727711	NM_001007589	Akirin2	akirin 2
-3.03934852	4.17219761	NM_009667	Ampd3	adenosine monophosphate deaminase 3
6.21159595	13.9782672	NM_007449	Ang2	angiogenin, ribonuclease A family, member 2
3.90617275	-4.03412856	NM_013468	Ankrd1	ankyrin repeat domain 1 (cardiac muscle)
-3.54722515	4.60966534	NM_013473	Anxa8	annexin A8
2.34552205	10.9726181	NM_026887	Ap1s2	adaptor-related protein complex 1, sigma 2 subunit
2.38483296	47.7862453	NM_009698	Aprt	adenine phosphoribosyl transferase
2.85642617	26.3806074	NM_030113	Arhgap10	Rho GTPase activating protein 10
-2.89557514	5.31528353	NM_172525	Arhgap29	Rho GTPase activating protein 29
-11.2844953	3.43790402	NM_007486	Arhgdib	Rho, GDP dissociation inhibitor (GDI) beta
-16.9708389	-5.52517156	NM_025711	Aspn	asporin
-2.57030423	5.58087887	NM_030693	Atf5	activating transcription factor 5
2.34985535	13.3202102	NM_153778	Atoh8	atonal homolog 8 (Drosophila)
-5.88144147	3.23776219	NM_009728	Atp10a	ATPase, class V, type 10A
3.63321159	38.6557555	NM_009721	Atp1b1	ATPase, Na <sup>+</sup> /K <sup>+</sup> transporting, beta 1 polypeptide
-5.0995487	-9.46105066	NM_213616	Atp2b4	ATPase, Ca <sup>++</sup> transporting, plasma membrane 4
-2.4631312	6.30783193	NM_033617	Atp6v0b	ATPase, H <sup>+</sup> transporting, lysosomal V0 subunit B
-5.60596011	-7.21254291	NM_001001488	Atp8b1	ATPase, class I, type 8B, member 1
4.45261613	-2.39469803	NM_134096	AW049604	expressed sequence AW049604
2.38748782	9.84985211	BC024059	AW061290	expressed sequence AW061290
2.53273889	12.9840799	NM_001102458	Azin1	antizyme inhibitor 1
-4.74695003	-1.9914105	NM_020026	B3galnt1	UDP-GalNAc:betaGlcNAc beta 1,3-galactosaminyltransferase, polypeptide 1
-2.26208677	6.18755773	NM_001081204	B3galnt2	beta 1,3-galactosyltransferase-like
-14.4530731	-21.0090067	NM_007526	Barx1	BarH-like homeobox 1
-2.41731096	2.90134972	BC057379	BC030046	cDNA sequence BC030046
2.38032439	83.1475777	BC089623	BC056474	cDNA sequence BC056474
-8.3245598	-1.93738465	NM_007554	Bmp4	bone morphogenetic protein 4
-2.78019961	-6.45457727	NM_172506	Boc	biregional cell adhesion molecule-related/down-regulated by oncogenes (Cdon) binding protein
-2.49376645	2.2618306	NM_018819	Brp44l	brain protein 44-like
-2.26151308	-9.00659541	NM_007570	Btg2	B-cell translocation gene 2, anti-proliferative
2.32403767	29.9923607	NM_001113179	Bub1	budding uninhibited by benzimidazoles 1 homolog (S. cerevisiae)
-15.1359497	-4.81244892	NM_030888	C1qtnf3	C1q and tumor necrosis factor related protein 3
-2.80319646	-15.2560903	NM_001113356	C1rb	complement component C1rb
18.2019775	11.4530942	NM_009779	C3ar1	complement component 3a receptor 1
-4.00657454	1.34791293	NM_133189	Cacng7	calcium channel, voltage-dependent, gamma subunit 7
7.82765674	-1.2729263	NM_018782	Calcri	calcitonin receptor-like
-17.0148739	-3.43958347	NM_007621	Cbr2	carbonyl reductase 2
-2.22641456	39.2435129	NM_026439	Ccdc80	coiled-coil domain containing 80
3.38546023	-73.5562376	NM_011333	Ccl2	chemokine (C-C motif) ligand 2
4.98219877	-1.02519222	NM_013654	Ccl7	chemokine (C-C motif) ligand 7
2.93193052	74.9070109	NM_153098	Cd109	CD109 antigen
4.3355385	55.5088024	NM_009846	Cd24a	CD24a antigen
-6.29346261	-12.6541617	NM_001111059	Cd34	CD34 antigen
-13.1680604	-559.344992	NM_010016	Cd55	CD55 antigen
-6.88449262	10.9763616	NM_001111060	Cd59a	CD59a antigen
-4.89555535	-2.45899277	BC131959	Cd80	CD80 antigen
-7.05514675	-1.47052923	NM_009855	Cd80	CD80 antigen
-2.37622229	5.53649348	NM_021454	Cdc42ep5	CDC42 effector protein (Rho GTPase binding) 5
3.98628934	98.9348625	NM_007664	Cdh2	cadherin 2
-2.39952608	4.22868837	BC049694	Cdkn3	cyclin-dependent kinase inhibitor 3
-2.05447863	-3.66260009	NM_021339	Cdon	cell adhesion molecule-related/down-regulated by oncogenes

2.73245085	11.4523951	NM_026014	Cdt1	chromatin licensing and DNA replication factor 1
-2.24353164	-4.04127596	AF320340	Cdv3	carnitine deficiency-associated gene expressed in ventricle 3
-2.62520141	7.26221678	NM_009888	Cfh	complement component factor h
-2.17474796	5.24133576	NM_026599	Cgln1	cingulin-like 1
-2.50306575	-64.510725	NM_026929	Chac1	ChaC, cation transport regulator-like 1 (E. coli)
-2.28411526	-3.82246635	ENSMUST00000029049	Chmp4c	chromatin modifying protein 4C
-2.1755127	12.0330178	NM_001001565	Chpf	chondroitin polymerizing factor
-2.70580596	3.29001776	NM_001114347	Clasp2	CLIP associating protein 2
2.80043457	12.1121484	NM_019952	Clcf1	cardiotrophin-like cytokine factor 1
-20.1147487	-8.47516865	NM_009131	Clec11a	C-type lectin domain family 11, member a
-2.6957087	10.8364858	NM_001081114	Clip3	CAP-GLY domain containing linker protein 3
-10.083212	5.10688604	NM_008153	Cmklr1	chemokine-like receptor 1
-3.09174814	-25.8415993	NM_009922	Cnn1	calponin 1
3.86497608	1.28115315	NM_172496	Cobl	cordon-bleu
3.505152	-16.4921031	NM_177025	Cobl1	Cobl-like 1
-6.3714491	-369.852215	NM_009925	Col10a1	collagen, type X, alpha 1
-2.94219858	2.25469115	NM_007729	Col11a1	collagen, type XI, alpha 1
-10.1405889	-8.743016	NM_181277	Col14a1	collagen, type XIV, alpha 1
-2.17878044	-30.1268629	NM_009930	Col3a1	collagen, type III, alpha 1
-2.69845488	-5.01021075	NM_007737	Col5a2	collagen, type V, alpha 2
2.10726028	24.2961518	NM_009933	Col6a1	collagen, type VI, alpha 1
2.98297752	33.0796455	NM_146007	Col6a2	collagen, type VI, alpha 2
-13.5270543	-2.3823492	NM_130449	Colec12	collectin sub-family member 12
-124.609858	-3.96518739	NM_018867	Cpxm2	carboxypeptidase X 2 (M14 family)
2.25541086	10.9179846	NM_028798	Crct1	cysteine-rich C-terminal 1
-2.52007829	10.699175	NM_139001	Cspg4	chondroitin sulfate proteoglycan 4
-4.35716018	-30.3052611	NM_026778	Cthrc1	collagen triple helix repeat containing 1
3.52797951	-1.48945117	NM_007796	Ctla2a	cytotoxic T lymphocyte-associated protein 2 alpha
-5.1752287	2.55347075	NM_009982	Ctsc	cathepsin C
-2.82758778	5.50064224	NM_007802	Ctsk	cathepsin K
2.49154289	1.04003008	NM_001110231	Cugbp2	CUG triplet repeat, RNA binding protein 2
-2.29431684	-3.78018745	NM_009142	Cx3cl1	chemokine (C-X3-C motif) ligand 1
2.14512834	-9.69970346	NM_001012477	Cxcl12	chemokine (C-X-C motif) ligand 12
2.26192054	70.0679504	NM_009994	Cyp11b	cytochrome P450, family 1, subfamily b, polypeptide 1
-3.03156031	-19.332223	NM_011182	Cyth3	cytohesin 3
-5.53826417	-2.44821454	BC128276	D12Ert647e	DNA segment, Chr 12, ERATO Doi 647, expressed
-10.999976	-2.18189838	NM_007833	Dcn	decorin
3.28719976	37.7201864	NM_178788	Dctd	dCMP deaminase
4.3075374	-2.76293585	NM_012008	Ddx3y	DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, Y-linked
-2.55900217	-9.18816164	NM_172689	Ddx58	DEAD (Asp-Glu-Ala-Asp) box polypeptide 58
-7.32996566	-579.420057	NM_010043	Des	desmin
-3.17511517	13.0455271	NM_053272	Dhcr24	24-dehydrocholesterol reductase
-14.2280696	1.11854392	NM_011303	Dhrs3	dehydrogenase/reductase (SDR family) member 3
-2.45093806	-54.0693443	NM_030686	Dhrs4	dehydrogenase/reductase (SDR family) member 4
-11.3533634	1.3282091	NM_175512	Dhrs9	dehydrogenase/reductase (SDR family) member 9
-81.9795542	-2.29841052	NM_172119	Dio3	diiodinase, iodothyronine type III
-17.173492	-4.54225575	NM_015814	Dkk3	dickkopf homolog 3 (Xenopus laevis)
-3.50251265	9.00975209	NM_032418	Dmpk	dystrophia myotonica-protein kinase
-2.28640375	-7.45456694	NM_028207	Dusp3	dual specificity phosphatase 3 (vaccinia virus phosphatase VH1-related)
6.70858192	48.5150477	NM_176933	Dusp4	dual specificity phosphatase 4
-2.5169833	1.65470323	NM_007897	Ebf1	early B-cell factor 1
-3.31001432	2.2733644	NM_199307	Ece1	endothelin converting enzyme 1
2.12545639	5.6757669	NM_175540	Eda2r	ectodysplasin A2 isoform receptor
2.47015916	-91.5479833	NM_026007	Eef1g	eukaryotic translation elongation factor 1 gamma
-12.2224031	4.74296218	NM_146015	Efemp1	epidermal growth factor-containing fibulin-like extracellular matrix protein 1
-5.60794566	2.0536879	XM_975315	EG620393	predicted gene, EG620393
-7.35603065	-3.20176195	NM_020578	Ehd3	EH-domain containing 3
2.60335353	32.9675299	NM_026114	Eif2s1	eukaryotic translation initiation factor 2, subunit 1 alpha
13.1689546	2.84261677	NM_012011	Eif2s3y	eukaryotic translation initiation factor 2, subunit 3, structural gene Y-linked
-13.8346663	2.09449737	NM_007925	Eln	elastin
-14.2696301	-1123.38614	NM_010330	Emb	embigin
2.44491073	21.9632078	NM_145158	Emilin2	elastin microfibril interfacier 2
2.18375714	18.4988939	NM_001043335	Emi1	echinoderm microtubule associated protein like 1
-2.80398556	3.75565124	NM_007929	Emp2	epithelial membrane protein 2
2.42088767	37.2228925	NM_007932	Eng	endoglin
6.71411402	1.05068645	NM_007933	Eno3	enolase 3, beta muscle
2.29957582	29.86102	ENSMUSG00000052528	ENSMUSG00000050974	predicted gene, ENSMUSG00000050974
-2.34672439	3.04965148	NM_001081471	ENSMUSG00000058057	predicted gene, ENSMUSG00000058057
-4.44958332	-372.794438	ENSMUST000000099728	ENSMUSG00000075047	predicted gene, ENSMUSG00000075047
3.5011488	47.5508147	NM_013813	Epb4.1l3	erythrocyte protein band 4.1-like 3
4.15921028	22.1948332	NM_007936	Epha4	Eph receptor A4
-3.0924697	2.99120309	NM_007945	Eps8	epidermal growth factor receptor pathway substrate 8
2.31834659	84.2558956	ENSMUST00000022573	Esd	esterase D/formylglutathione hydrolase
-6.02669033	1.48806445	NM_007960	Etv1	ets variant gene 1
-2.79849677	-35.962433	NM_007963	Evi1	ecotropic viral integration site 1
-2.71811134	-11.6212132	NM_010167	Eya4	eyes absent 4 homolog (Drosophila)
-5.3650185	2.98840997	NM_010171	F3	coagulation factor III
-2.34361279	-142.603862	BC029204	Fam176b	family with sequence similarity 176, member B
2.87476252	6.53822219	NM_019643	Fam60a	family with sequence similarity 60, member A
-6.9830157	-15.5876786	NM_183221	Fat4	FAT tumor suppressor homolog 4 (Drosophila)
-2.49404454	3.14682001	NM_178624	Fbx12	F-box and leucine-rich repeat protein 2
-3.56246061	5.16697662	NM_010189	Fcgrt	Fc receptor, IgG, alpha chain transporter
-2.47952859	-4.96620075	NM_199012	Fchsd2	FCH and double SH3 domains 2
-2.76745252	69.904968	NM_1344605	Fdps	farnesyl diphosphate synthetase
-2.52452863	-8.85498443	NM_008005	Fgf18	fibroblast growth factor 18
-2.40632582	11.809684	NM_008006	Fgf2	fibroblast growth factor 2
-5.33930872	4.87296067	NM_010207	Fgfr2	fibroblast growth factor receptor 2
2.69517196	27.1411995	NM_013902	Fkbp3	FK506 binding protein 3
-33.1504896	-541.226129	NM_021355	Fmod	fibromodulin
2.72257469	32.3105212	NM_008031	Fmr1	fragile X mental retardation syndrome 1 homolog
5.11375993	22.8663634	NM_010235	Fos1	fos-like antigen 1
-2.88562049	-7.80592267	NM_008037	Fos2	fos-like antigen 2
2.8968763	5.80833188	NM_013519	Foxc2	forkhead box C2
-6.07803362	-13.0948222	NM_010426	Foxf1a	forkhead box F1a
-4.80612668	-1.34450898	ENSMUST00000098351	Foxf1a	forkhead box F1a

3.82068081	-1.63810737	NM_008241	Foxg1	forkhead box G1
-19.4080727	-7.97870768	NM_053242	Foxp2	forkhead box P2
-6.27944944	-15.953822	NM_011356	Frzb	frizzled-related protein
-2.66493905	4.09339721	NM_008046	Fst	follistatin
-12.5212319	-40.6450838	NM_052992	Fxyd1	FXD domain-containing ion transport regulator 1
-2.36698637	2.92442021	NM_021457	Fzd1	frizzled homolog 1 (Drosophila)
7.31051605	3.60658055	NM_010251	Gabra4	gamma-aminobutyric acid (GABA-A) receptor, subunit alpha 4
2.84232017	10.4096163	NM_183358	Gadd45gip1	growth arrest and DNA-damage-inducible, gamma interacting protein 1
-3.93955127	-10.1312226	NM_199366	Gal3st2	galactose-3-O-sulfotransferase 2
4.46623963	1.710252	NM_173739	Galnt4	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase-like 4
2.6573246	-22.7211991	NM_010255	Gamt	guanidinoacetate methyltransferase
-29.3150972	-4.7487228	NM_019521	Gas6	growth arrest specific 6
4.47276867	85.3445634	NM_010258	Gata6	GATA binding protein 6
5.02996533	4.55128788	NM_025961	Gatm	glycine amidinotransferase (L-arginine:glycine amidinotransferase)
3.36184399	1.68999276	NM_010295	Gclc	glutamate-cysteine ligase, catalytic subunit
-34.4006266	-942.840446	NM_145741	Gdf10	growth differentiation factor 10
3.08262984	28.5444325	NM_010283	Ggta1	glycoprotein galactosyltransferase alpha 1, 3
4.72826545	4.25085831	NM_008126	Gjb3	gap junction protein, beta 3
-2.68551353	10.3038712	NM_031184	Glis2	GLIS family zinc finger 2
-3.0647346	6.86742654	NM_010299	Gm2a	GM2 ganglioside activator protein
3.18240349	-1.08667379	BC157942	Gm98	gene model 98, (NCBI)
3.40737048	-1.32800933	NM_053110	Gpnmb	glycoprotein (transmembrane) nmb
2.27112489	5.58823509	NM_031999	Gpr137b	G protein-coupled receptor 137B
3.33095456	11.0615946	NM_022420	Gprc5b	G protein-coupled receptor, family C, group 5, member B
-2.40568013	1.47572245	NM_016719	Grb14	growth factor receptor bound protein 14
3.59977516	17.2653268	NM_011825	Grem2	gremlin 2 homolog, cysteine knot superfamily (Xenopus laevis)
6.08958146	-1.4599179	NM_010357	Gsta4	glutathione S-transferase, alpha 4
-2.39788548	-3.99597386	NM_008185	Gstt1	glutathione S-transferase, theta 1
-2.39335576	3.99180063	NM_028450	Gulp1	GULP, engulfment adaptor PTB domain containing 1
-2.74044478	-123.020291	NM_013755	Gyg	glycogenin
-4.22847139	11.3217303	NM_010380	H2-D1	histocompatibility 2, D region locus 1
-2.41790166	3.99132323	NM_001001892	H2-K1	histocompatibility 2, K1, K region
-3.05530618	-76.2585968	NM_010394	H2-Q7	histocompatibility 2, Q region locus 7
-2.91129869	13.4985631	NM_173371	H6pd	hexose-6-phosphate dehydrogenase (glucose 1-dehydrogenase)
2.47470884	29.9089503	NM_026115	Hat1	histone aminotransferase 1
2.26421343	7.57668448	NM_008234	Hells	helicase, lymphoid specific
-2.73093592	17.1266524	NM_022331	Herpud1	homocysteine-inducible, endoplasmic reticulum stress-inducible, ubiquitin-like domain member 1
2.4948042	35.5156359	NM_178218	Hist3h2a	histone cluster 3, H2a
2.59731884	13.419187	NM_001025427	Hmga1	high mobility group AT-hook 1
2.27656668	-4.11573089	NM_008252	Hmgb2	high mobility group box 2
-2.48657566	-68.9068786	NM_145942	Hmgcs1	3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1
2.45364217	10.9808943	NM_010461	Hoxb8	homeo box B8
2.26435434	23.7122935	NM_013556	Hprt1	hypoxanthine guanine phosphoribosyl transferase 1
-4.84444174	9.5431409	NM_013868	Hspb7	heat shock protein family, member 7 (cardiovascular)
-2.93406174	10.4422508	NM_013559	Hsph1	heat shock 105kDa/110kDa protein 1
2.9279557	26.8486457	NM_010496	Id2	inhibitor of DNA binding 2
-2.38023571	2.86739262	NM_145360	Idi1	isopentenyl-diphosphate delta isomerase
-2.88673221	19.8777857	NM_010512	Igf1	insulin-like growth factor 1
5.85679692	-78.5654893	NM_023670	Igf2bp3	insulin-like growth factor 2 mRNA binding protein 3
-22.908864	8.9765592	NM_008342	Igfbp2	insulin-like growth factor binding protein 2
-6.2123394	-3.19517457	NM_133990	Il13ra1	interleukin 13 receptor, alpha 1
-24.7426856	-2.5747398	NM_001025602	Il1r1	interleukin 1 receptor-like 1
-2.56654373	-5.59597678	NM_010560	Il6st	interleukin 6 signal transducer
-6.35894533	11.3225103	NM_133976	Imp3	IMP3, U3 small nucleolar ribonucleoprotein, homolog (yeast)
2.15016146	117.972361	NM_008380	Inhba	inhibin beta-A
-3.53186326	3.5771917	NM_153526	Insig1	insulin induced gene 1
2.16189235	-1.98459721	NM_023579	Ipo5	importin 5
-2.94966309	-8.93030859	NM_008394	Irf9	interferon regulatory factor 9
-8.93985564	-6.85909627	NM_012043	Islr	immunoglobulin superfamily containing leucine-rich repeat
-2.76785184	2.83924244	NM_023627	Isyna1	myo-inositol 1-phosphate synthase A1
-6.16819053	-2.27924866	NM_001033228	Itga1	integrin alpha 1
-6.45004633	5.39864638	NM_176922	Itga11	integrin alpha 11
-28.2920867	1.02305436	NM_001001309	Itga8	integrin alpha 8
-2.24275526	16.2591944	NM_010580	Itgb5	integrin beta 5
-4.27194665	4.40306092	NM_145467	Itgbl1	integrin, beta-like 1
4.2613329	44.9686423	NM_054102	Ivns1abp	influenza virus NS1A binding protein
2.63258479	20.2975515	NM_013822	Jag1	jagged 1
5.32034693	88.0437739	NM_023844	Jam2	junction adhesion molecule 2
3.07822226	-11.8941754	BC056964	Josd3	Josephin domain containing 3
-2.34584811	-33.6062639	NM_010591	Jun	Jun oncogene
5.0614382	12.0941894	NM_010597	Kcnab1	potassium voltage-gated channel, shaker-related subfamily, beta member 1
-2.13392151	2.11981405	NM_146188	Kctd15	potassium channel tetramerisation domain containing 15
2.37346803	33.747873	NM_010615	Kif11	kinesin family member 11
-2.52590699	10.3979333	NM_021366	Kif13	Kruppel-like factor 13
-3.08283877	-1.08977879	NM_144810	Klhdc8a	kelch domain containing 8A
9.10493649	-1.92576767	NM_008471	Krt19	keratin 19
-2.28389857	6.32757252	NM_015771	Lats2	large tumor suppressor 2
-2.17084814	-6.43409392	NM_008492	Ldhd	lactate dehydrogenase B
-2.87062598	8.03301964	NM_013534	Leprel2	leprecan-like 2
-5.54049332	12.1076695	NM_011150	Lgals3bp	lectin, galactoside-binding, soluble, 3 binding protein
-4.79766842	-12.5784062	NM_001001980	Limch1	LIM and calponin homology domains 1
-2.49201163	6.25004707	NM_144862	Lims2	LIM and senescent cell antigen like domains 2
-18.200033	-1.97351197	NM_201529	Lmo7	LIM domain only 7
4.44306282	3.95620761	NM_173014	Lpcat2	lysophosphatidylcholine acyltransferase 2
-6.70312013	-136.022664	NM_001081298	Lphn2	latrophilin 2
6.49042174	8.85329677	NM_008509	Lpl	lipoprotein lipase
-2.79128883	6.14034116	NM_008514	Lrp6	low density lipoprotein receptor-related protein 6
-2.23883018	11.6781027	NM_013587	Lrpap1	low density lipoprotein receptor-related protein associated protein 1
-2.5281542	-1.37928013	NM_027164	Lrrc27	leucine rich repeat containing 27
3.84392412	-77.8245846	NM_178725	Lrrc4c	leucine rich repeat containing 4C
-2.88088933	4.70014486	NM_177736	Lrrc61	leucine rich repeat containing 61
-2.8822572	14.0253884	NM_178701	Lrrc8d	leucine rich repeat containing 8D
-3.8935777	-3.40584597	NM_178005	Lrrtm2	leucine rich repeat transmembrane neuronal 2
2.88387057	4.37862554	NM_015816	Lsm4	LSM4 homolog, U6 small nuclear RNA associated (S. cerevisiae)
-2.61010336	10.1822055	NM_019391	Lsp1	lymphocyte specific 1

-2.35059859	14.1946675	NM_013589	Ltbp2	latent transforming growth factor beta binding protein 2
-14.2944188	-1074.44667	Lum_008524	Lum	lumican
-2.20523863	2.72181206	NM_011838	Lynx1	Ly6/neurotoxin 1
-2.81555527	-7.36391088	NM_001025577	Maf	avian musculoaponeurotic fibrosarcoma (v-maf) AS42 oncogene homolog
2.3705811	2.66166839	NM_026453	Mak16	MAK16 homolog (S. cerevisiae)
-3.63372597	4.34288992	NM_008548	Man1a	mannosidase 1, alpha
-2.59887702	20.9065627	NM_010763	Man1a2	mannosidase, alpha, class 1A, member 2
-2.68108781	3.86565928	NM_207237	Man1c1	mannosidase, alpha, class 1C, member 1
2.59915173	88.1269395	NM_008549	Man2a1	mannosidase 2, alpha 1
-3.53275776	15.7128414	NM_001081357	Map4k3	mitogen-activated protein kinase kinase kinase kinase 3
2.50875336	15.7587351	NM_010807	Marcks1	MARCKS-like 1
2.3590724	29.7014246	NM_011843	Mbc2	membrane bound C2 domain containing protein
2.61459823	12.3622916	NM_008564	Mcm2	minichromosome maintenance deficient 2 mitotin (S. cerevisiae)
2.72347431	24.9656026	NM_008565	Mcm4	minichromosome maintenance deficient 4 homolog (S. cerevisiae)
3.39559894	26.4842539	NM_008566	Mcm5	minichromosome maintenance deficient 5, cell division cycle 46 (S. cerevisiae)
2.52730731	14.9435118	NM_008568	Mcm7	minichromosome maintenance deficient 7 (S. cerevisiae)
-2.8698965	-184.729952	NM_010784	Mdk	midkine
-2.22275495	9.87275401	NM_172424	Med13l	mediator complex subunit 13-like
-2.23102542	-5.76216217	NM_025282	Mef2c	myocyte enhancer factor 2C
-2.3327506	7.66485167	NM_133665	Mef2d	myocyte enhancer factor 2D
4.42388871	68.3389851	NM_010825	Meis2	Meis homeobox 2
-100.454794	-2.54869743	NM_008590	Mest	mesoderm specific transcript
3.93536874	-3.58101128	NM_008591	Met	met proto-oncogene
-3.88170325	-2.24773269	NM_027334	Mettl7a1	methyltransferase like 7A1
-10.3339864	-20.2734489	NM_008546	Mfap2	microfibrillar-associated protein 2
8.5851637	4.22692098	NM_027756	Mfap3l	microfibrillar-associated protein 3-like
-2.93177495	3.48997407	NM_015776	Mfap5	microfibrillar associated protein 5
-2.57523273	11.979228	NM_008597	Mgp	matrix Gla protein
-3.44597454	2.38136024	NM_010797	Mid1	midline 1
2.56292318	-5.3193816	NM_010798	Mif	macrophage migration inhibitory factor
2.60763028	44.5979814	NM_026178	Mmd	monocyte to macrophage differentiation-associated
-11.9450095	-1094.33294	NM_010816	Morc1	microrchidia 1
-3.19562366	-10.2277681	NM_010826	Mrv1	MRV integration site 1
-8.26254424	3.45231941	NM_013602	Mt1	metallothionein 1
-33.0383692	-3.88987888	NM_008630	Mt2	metallothionein 2
3.62114259	32.9066163	NM_008634	Mtap1b	microtubule-associated protein 1B
2.17559859	3.97677049	NM_175541	Mum11	melanoma associated antigen (mutated) 1-like 1
2.92835001	37.7908694	NM_010852	Myef2	myelin basic protein expression factor 2, repressor
-12.2604259	2.48492883	NM_013607	Myh11	myosin, heavy polypeptide 11, smooth muscle
-2.49917512	-5.47144844	NM_153789	Myli1	myosin regulatory light chain interacting protein
-11.0376561	-47.8509752	NM_139300	Myk	myosin, light polypeptide kinase
-3.19945312	12.2707978	NM_177390	Myo1d	myosin ID
-2.58252616	-179.129707	NM_181072	Myo1e	myosin IE
-4.45326006	-14.0512439	NM_010867	Myom1	myomesin 1
2.77036308	23.1230868	NM_173437	Nav1	neuron navigator 1
-3.66712495	5.46232568	NM_008675	Nbl1	neuroblastoma, suppression of tumorigenicity 1
2.39658082	18.603071	NM_146171	Ncapd2	non-SMC condensin I complex, subunit D2
-4.03909432	-1.5713663	NM_010882	Ndn	neccdin
-2.83342672	-63.3636334	NM_025383	Necap2	NECAP endocytosis associated 2
2.44454738	-1.70711447	NM_001114386	Nedd4l	neural precursor cell expressed, developmentally down-regulated gene 4-like
-2.90218985	6.43698691	NM_001111324	Nedd9	neural precursor cell expressed, developmentally down-regulated gene 9
-3.55606267	-2.01620785	NM_001113209	Nfib	nuclear factor I/B
2.73844119	55.3734648	NM_009750	Ngfrap1	nerve growth factor receptor (TNFRSF16) associated protein 1
2.42912668	-2.26362971	NM_010917	Nid1	nidogen 1
3.0391795	48.4802275	NM_008708	Nmt2	N-methyltransferase 2
2.29596031	37.4886542	NM_053086	Nolc1	nucleolar and coiled-body phosphoprotein 1
-2.17074933	-11.7985551	NM_015760	Nox4	NADPH oxidase 4
4.11428947	-4.29299459	NM_010934	Npy1r	neuropeptide Y receptor Y1
-3.65098182	3.56131723	NM_178591	Nrg1	neuregulin 1
2.5240705	23.2208955	NM_153529	Nrn1	neuritin 1
-5.48901347	5.29630528	NM_010942	Nsg1	neuron specific gene family member 1
-2.50898569	-6.30834074	NM_008742	Ntf3	neurotrophin 3
-3.48697874	6.00345462	NM_016773	Nucb2	nucleobindin 2
-2.44017766	10.153869	NM_010950	Numb1	numb-like
2.26864096	11.820126	NM_133227	Nup155	nucleoporin 155
2.2114518	45.3268186	AK129093	Nup205	nucleoporin 205
2.23874762	-10.084054	NM_172394	Nup88	nucleoporin 88
-4.06683673	-6.78501661	NM_019738	Nupr1	nuclear protein 1
-3.83634328	7.17030775	NM_133859	Olfml3	olfactomedin-like 3
3.16667109	14.9630889	NM_181848	Optn	optineurin
2.46188534	11.562332	NM_019716	Orc6l	origin recognition complex, subunit 6-like (S. cerevisiae)
-2.68585002	-171.758409	AY033899	ORF63	open reading frame 63
-28.4659323	-12.2880968	NR_003564	OTTMUSG00000001305	predicted gene, OTTMUSG00000001305
3.633975	39.6326341	XR_032580	OTTMUSG00000005793	predicted gene, OTTMUSG00000005793
3.49162508	-1.76077193	NM_001085549	OTTMUSG00000008561	predicted gene, OTTMUSG00000008561
-2.67837617	-576.981497	BC024323	OTTMUSG00000010657	predicted gene, OTTMUSG00000010657
3.04140316	7.8646796	NM_001085522	OTTMUSG00000011097	predicted gene, OTTMUSG00000011097
-3.13602116	-216.510562	ENSMUST00000100373	OTTMUSG00000011664	predicted gene, OTTMUSG00000011664
3.60493818	37.1298869	NM_001101804	OTTMUSG00000016611	predicted gene, OTTMUSG00000016611
-2.11120793	-10.2637483	NM_177161	P4ha3	procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), alpha polypeptide III
-19.7174596	-7.41586528	NM_023245	Palmd	palmdelphin
-2.33958608	29.7513767	NM_013626	Pam	peptidylglycine alpha-amidating monooxygenase
-3.09186889	-1.75352907	NM_054056	Pawr	PRKC, apoptosis, WT1, regulator
-3.48903756	-3.97202971	NM_016768	Pbx3	pre B-cell leukemia transcription factor 3
12.2099981	-2.95381159	NM_029620	Pcolce2	procollagen C-endopeptidase enhancer 2
-3.82183245	2.23141028	ENSMUST00000055576	Pcsk6	proprotein convertase subtilisin/kexin type 6
3.346828	11.0399438	NM_008795	Pctk3	PCTAIRE-motif protein kinase 3
-4.4933286	2.13449404	NM_019971	Pdgfc	platelet-derived growth factor, C polypeptide
-11.1238009	-1.81962295	NM_011058	Pdgfra	platelet derived growth factor receptor, alpha polypeptide
4.34348397	22.9591772	NM_013743	Pdk4	pyruvate dehydrogenase kinase, isoenzyme 4
-4.38837183	1.3638923	NM_028460	Pear1	platelet endothelial aggregation receptor 1
6.46576278	12.332916	NM_173019	Pfkfb4	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 4
-4.65174212	6.08585973	NM_001077495	Pik3r1	phosphatidylinositol 3-kinase, regulatory subunit, polypeptide 1 (p85 alpha)
2.93756972	21.0170561	NM_027153	Pir	pirin
2.61960813	18.5670002	NM_145131	Pitrm1	pitriylsin metallepidase 1

2.70742019	16.977952	NM_008862	Pkia	protein kinase inhibitor, alpha
2.66911744	5.75786033	NM_019645	Pkp1	plakophilin 1
-2.5235859	14.3831992	NM_008869	Pla2g4a	phospholipase A2, group IVA (cytosolic, calcium-dependent)
-6.10108684	-64.6875926	NM_207222	Plac9	placenta specific 9
2.2185976	-2.1686043	NM_008872	Plat	plasminogen activator, tissue
-63.75301	-939.930722	NM_019588	Plce1	phospholipase C, epsilon 1
-2.5220986	16.5295258	NM_011116	Pld3	phospholipase D family, member 3
-7.72792183	1.31991055	NM_177606	Plekhh2	pleckstrin homology domain containing, family H (with MyTH4 domain) member 2
2.4348125	24.1595972	NM_011125	Pltp	phospholipid transfer protein
-11.6954646	7.75128236	NM_026162	Plxdc2	plexin domain containing 2
2.40107035	16.317391	NM_025443	Pno1	partner of NOB1 homolog ( <i>S. cerevisiae</i> )
-2.65489389	5.10052062	NM_026383	Pnrc2	proline-rich nuclear receptor coactivator 2
2.51247405	-1.59203178	NM_011133	Pole2	polymerase (DNA directed), epsilon 2 (p59 subunit)
-4.91928659	-50.3991609	NM_008247	Ppap2a	phosphatidic acid phosphatase 2a
-2.56647761	-7.82578885	NM_001098230	Ppm2c	protein phosphatase 2C, magnesium dependent, catalytic subunit
-5.81199978	8.82646941	NM_054077	Prelp	proline arginine-rich end leucine-rich repeat
2.4818103	31.3669998	NM_182997	Prkab2	protein kinase, AMP-activated, beta 2 non-catalytic subunit
4.42894717	-9.9475545	NM_011158	Prkar2b	protein kinase, cAMP dependent regulatory, type II beta
2.18542251	14.2322506	NM_011103	Prkcd	protein kinase C, delta
148.183021	-3.15733857	NM_011118	Prl2c3	prolactin family 2, subfamily c, member 3
126.424451	14.6804438	NM_181852	Prl2c5	prolactin family 2, subfamily c, member 5
-2.54109996	-9.73959267	NM_080469	Prnpip1	prion protein interacting protein 1
-2.19562972	2.90650457	NM_011173	Pros1	protein S (alpha)
2.18068081	16.084069	NM_138659	Prpf8	pre-mRNA processing factor 8
2.54860209	26.5911163	NM_175563	Prr11	proline rich 11
2.64184472	16.6961062	BC147835	Prr6	proline-rich polypeptide 6
-2.22472683	15.4906872	NM_011197	Ptgrn	prostaglandin F2 receptor negative regulator
-6.05427907	4.57881874	NM_025760	Ptplad2	protein tyrosine phosphatase-like A domain containing 2
3.87519483	14.734608	NM_029928	Ptprb	protein tyrosine phosphatase, receptor type, B
-2.25950745	11.3982169	NM_008999	Rab23	RAB23, member RAS oncogene family
4.56252367	34.9842067	NM_001003950	Rab3ip	RAB3A interacting protein
-2.85877562	6.44701332	NM_133223	Rac3	RAS-related C3 botulinum substrate 3
-2.40065972	1.83294635	NM_133832	Rdh10	retinol dehydrogenase 10 (all-trans)
-3.07869574	13.1151677	NM_016678	Reck	reversion-inducing-cysteine-rich protein with kazal motifs
-2.29961553	-186.728308	NM_181397	Rftn1	raftlin lipid raft linker 1
-5.27758648	3.59323327	NM_016846	Rgl1	ral guanine nucleotide dissociation stimulator, like 1
2.55334052	48.890503	NM_007483	Rhob	ras homolog gene family, member B
2.3982263	16.0451786	NM_145417	Rnpep	arginyl aminopeptidase (aminopeptidase B)
-4.00210976	3.41576862	NM_013846	Ror2	receptor tyrosine kinase-like orphan receptor 2
4.40555595	7.79361135	AF357384	Rpl23	ribosomal protein L23
2.5647497	-48.7439765	BC086890	Rpl30	ribosomal protein L30
2.13982033	8.94819442	NM_009088	Rpo1-4	RNA polymerase 1-4
3.24110623	-8.3438364	NM_011299	Rps6ka2	ribosomal protein S6 kinase, polypeptide 2
2.2495031	36.3353442	NM_009103	Rrm1	ribonucleotide reductase M1
3.56338999	13.8678365	NM_009104	Rrm2	ribonucleotide reductase M2
2.75873672	21.0484748	NM_172815	Rspo2	R-spondin 2 homolog ( <i>Xenopus laevis</i> )
-14.0443821	-34.3265946	NM_028351	Rspo3	R-spondin 3 homolog ( <i>Xenopus laevis</i> )
-3.26136569	6.5525904	NM_172604	Scara3	scavenger receptor class A, member 3
9.55407991	44.7923982	NM_022886	Sccl	sclellin
-4.25899256	5.15170285	NM_011322	Scn1b	sodium channel, voltage-gated, type I, beta
-2.24835375	10.8076296	NM_011342	Sec22b	SEC22 vesicle trafficking protein homolog B ( <i>S. cerevisiae</i> )
-2.50291463	10.4961581	NM_009152	Sema3a	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3A
-7.94477652	1.93742692	NM_013657	Sema3c	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3C
-3.40006221	2.66257692	NM_011349	Sema3f	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3F
-2.28193617	-1.79777295	NM_009155	Sepp1	selenoprotein P, plasma, 1
-3.01059575	8.9346945	NM_009156	Sepw1	selenoprotein W, muscle 1
-3.49082927	-1.03193086	NM_025429	Serpib1a	serine (or cysteine) peptidase inhibitor, clade B, member 1a
-96.0603226	-2.11506633	NM_009255	Serpine2	serine (or cysteine) peptidase inhibitor, clade E, member 2
-22.0250411	-18.2685332	NM_009776	Serping1	serine (or cysteine) peptidase inhibitor, clade G, member 1
-4.98764328	-1.6804337	NM_030261	Sesn3	sestrin 3
2.14320384	45.2353685	AB015613	Set	SET translocation
2.53570384	19.3974623	NM_133953	Sf3b3	splicing factor 3b, subunit 3
2.23400936	-3.03360415	NM_028232	Sgol1	shugoshin-like 1 ( <i>S. pombe</i> )
4.01582912	86.1407618	NM_011894	Sh3bp5	SH3 domain binding protein 5 (BTK-associated)
3.12393871	5.30668743	NM_021506	Sh3rf1	SH3 domain containing ring finger 1
-2.68208457	1.28976901	NM_001113331	Shc1	src homology 2 domain-containing transforming protein C1
7.2476894	6.40178209	NM_172900	Siglecg	sialic acid binding Ig-like lectin G
-2.58006747	6.8158843	NM_011385	Ski	ski sarcoma viral oncogene homolog (avian)
-4.13673314	2.97761287	NM_146136	Slc16a4	solute carrier family 16 (monocarboxylic acid transporters), member 4
-2.65567807	6.62762424	NM_009200	Slc1a6	solute carrier family 1 (high affinity aspartate/glutamate transporter), member 6
-3.53330051	8.95959038	NM_025286	Slc31a2	solute carrier family 31, member 2
-2.77772106	-8.76875455	NM_172289	Slc36a4	solute carrier family 36 (proton/amino acid symporter), member 4
2.69319963	17.028815	NM_134086	Slc38a1	solute carrier family 38, member 1
15.0806179	-1.23165209	NM_027052	Slc38a4	solute carrier family 38, member 4
-3.39745757	-69.9624788	NM_013901	Slc39a1	solute carrier family 39 (zinc transporter), member 1
2.39718874	-3.14252341	NM_172653	Slc39a10	solute carrier family 39 (zinc transporter), member 10
-2.64268106	4.63407069	NM_008135	Slc6a9	solute carrier family 6 (neurotransmitter transporter, glycine), member 9
4.89925605	47.3284383	NM_033314	Slco2a1	solute carrier organic anion transporter family, member 2a1
-15.4002368	-7.24256704	NM_011412	Slit3	slit homolog 3 ( <i>Drosophila</i> )
2.69218409	13.4391994	NM_008542	Smad6	MAD homolog 6 ( <i>Drosophila</i> )
2.55147865	27.1631451	NM_001042660	Smad7	MAD homolog 7 ( <i>Drosophila</i> )
-2.23998244	14.3999424	NM_011416	Smarca2	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 2
3.50193395	31.2451227	NM_022316	Smoc1	SPARC related modular calcium binding 1
-4.98881868	-228.376271	NM_020561	Smpdl3a	sphingomyelin phosphodiesterase, acid-like 3A
-3.8243366	1.04545483	NM_011430	Sncg	synuclein, gamma
-2.68399184	11.0713731	NR_000002	Snord32a	small nucleolar RNA, C/D box 32A
-2.88997443	-37.1061041	NM_133741	Snrk	SNF related kinase
-8.7499908	2.40083234	NM_178374	Snurpn	snurportin 1
-22.4425679	-178.240907	NM_175483	Snx33	sorting nexin 33
-2.5832069	-11.2341849	NM_175407	Sobp	sine oculis-binding protein homolog ( <i>Drosophila</i> )
-17.7268278	-2.52687009	NM_011435	Sod3	superoxide dismutase 3, extracellular
-2.49095251	19.6615697	NM_172752	Sorbs2	sorbin and SH3 domain containing 2
2.82294443	4.91091189	NM_009238	Sox4	SRY-box containing gene 4
-3.16763965	-7.84863291	NM_011451	Sphk1	sphingosine kinase 1
4.54292769	-50.1331339	NM_133903	Spon2	spondin 2, extracellular matrix protein

-79.0358566	-1.1366749	NM_009263	Spp1	secreted phosphoprotein 1
14.5050711	-57.0889731	NM_009264	Spr1a	small proline-rich protein 1A
-2.76104751	-14.0855228	NM_019990	Stard10	START domain containing 10
-2.36734053	-19.2484582	NM_023377	Stard5	STAR-related lipid transfer (START) domain containing 5
3.44757123	5.12356352	NM_027399	Steap1	six transmembrane epithelial antigen of the prostate 1
2.42958139	52.3956568	NM_001103157	Steap2	six transmembrane epithelial antigen of prostate 2
-9.53567886	-193.979342	NM_001085409	Steap3	STEAP family member 3
-2.48551327	10.9221506	NM_019641	Stmn1	stathmin 1
-5.2646922	-59.489418	NM_172294	Sulf1	sulfatase 1
2.61294498	21.7773756	NM_028072	Sulf2	sulfatase 2
2.88924658	6.50966417	NM_178652	Supt3h	suppressor of Ty 3 homolog (S. cerevisiae)
-3.49159334	9.02143705	NM_022814	Svep1	sushi, von Willebrand factor type A, EGF and pentraxin domain containing 1
-7.47479567	-70.8446082	NM_023485	Sync	syncoilin
-2.33456926	1.99945461	NM_001109975	Synpo	synaptopodin
4.77049439	7.04104205	NM_030725	Syt13	synaptotagmin XIII
-2.37091264	3.49234111	NM_001025313	Tapbp	TAP binding protein
-3.70551242	17.6198892	NM_013685	Tcf4	transcription factor 4
3.70395049	-1.38063707	NM_207176	Tes	testis derived transcript
2.57418591	-2.69812608	NM_011638	Tfrc	transferrin receptor
-7.18670215	-103.831387	NM_009371	Tgfb2	transforming growth factor, beta receptor II
-7.92579764	-74.2280008	NM_009378	Thbd	thrombomodulin
-7.06664175	3.940153	NM_009382	Thy1	thymus cell antigen 1, theta
2.34832627	134.981628	NM_011595	Timp3	tissue inhibitor of metalloproteinase 3
2.39568517	-5.36650722	NM_028751	Tjap1	tight junction associated protein 1
2.44724054	-10.8546265	NM_008536	Tm4sf1	transmembrane 4 superfamily member 1
-2.28521197	6.08203364	NM_026211	Tmed9	transmembrane emp24 protein transport domain containing 9
2.07580038	10.7570296	NM_146162	Tmem19	transmembrane protein 119
-2.50716702	-20.3107818	BC046640	Tmem173	transmembrane protein 173
-9.95485521	-6.34681593	NM_025326	Tmem176a	transmembrane protein 176A
-2.31013742	27.9708985	NM_019631	Tmem45a	transmembrane protein 45a
-9.45964152	-23.2058381	NM_198967	Tmct1	transmembrane and tetra-tryptophan repeat containing 1
-2.8265241	-72.7369474	NM_008764	Tnfrsf11b	tumor necrosis factor receptor superfamily, member 11b (osteoprotegerin)
-2.13008652	3.21377537	NM_011610	Tnfrsf1b	tumor necrosis factor receptor superfamily, member 1b
	21.602052	-4.36959673	Tnfrsf18	tumor necrosis factor (ligand) superfamily, member 18
5.35524472	2.29783852	NM_011619	Tnnt2	troponin T2, cardiac
3.06294067	4.1288485	NM_178716	Tnpo1	transporin 1
2.08573736	4.92804823	NM_011623	Top2a	topoisomerase (DNA) II alpha
2.50237768	35.9772596	NM_031172	Trim17	tripartite motif-containing 17
-2.23548437	10.2341123	NM_178111	Trp53inp2	transformation related protein 53 inducible nuclear protein 2
-11.6022154	-10.5447215	NM_032000	Trps1	trichorhinophalangeal syndrome I (human)
-2.39705301	33.9706115	NM_019656	Tspan6	tetraspanin 6
3.91411326	34.1622568	NM_023716	Tubb2b	tubulin, beta 2b
8.70287105	4.02423552	NM_011656	Tuft1	tuftelin 1
6.61682621	15.9423662	NM_007855	Twist2	twist homolog 2 (Drosophila)
-2.11572019	8.3839355	NM_023053	Twsg1	twisted gastrulation homolog 1 (Drosophila)
-2.58548043	2.26744148	NM_172597	Txndc16	thioredoxin domain containing 16
3.61770007	-17.8387671	NM_001042523	Txnrd1	thioredoxin reductase 1
2.26629447	13.5801235	NM_010931	Uhrf1	ubiquitin-like, containing PHD and RING finger domains, 1
5.34336048	45.3697932	NM_029770	Unc5b	unc-5 homolog B (C. elegans)
2.51483724	49.8022362	NM_016872	Vamp5	vesicle-associated membrane protein 5
2.46127974	19.5482146	NM_011690	Vars	valyl-tRNA synthetase
7.6218771	43.4480396	NM_001081249	Vcan	versican
8.3955846	-26.8884147	NM_009504	Vdr	vitamin D receptor
-3.06401327	-22.4461419	NM_013703	Vldlr	very low density lipoprotein receptor
17.8629316	-28.7389369	NM_033560	Vps37a	vacuolar protein sorting 37A (yeast)
-2.92937369	4.80268173	NM_172767	Vwa5a	von Willebrand factor A domain containing 5A
2.20989623	4.20943518	NM_172598	Wdhd1	WD repeat and HMG-box DNA binding protein 1
4.09588403	-12.1135758	NM_020603	Wdr46	WD repeat domain 46
2.51013803	38.8065191	NM_019653	Wsb1	WD repeat and SOCS box-containing 1
-3.32957433	2.49510758	NM_026875	Ypel3	yippee-like 3 (Drosophila)
-2.3596896	-11.9855931	NM_146073	Zdhhc14	zinc finger, DHHC domain containing 14
-3.25177642	2.45767046	NM_001017968	Zdhhc18	zinc finger, DHHC domain containing 18
3.27552418	-1.46098457	NM_001081068	Zfp294	zinc finger protein 294
-2.2663706	1.57650527	NM_013922	Zfp354c	zinc finger protein 354C
4.25415342	-3.23640108	NM_009569	Zfpm1	zinc finger protein, multitype 1
-2.55885469	-149.148869	BC021311	Zswim6	zinc finger, SWIM domain containing 6
2.869457	53.4915284	NM_025635	Zwint	ZW10 interactor