

rno-miR-409-5p (2929)

ID	SYMBOL	NAME
	2929.0	
301081	Zdhhc3	zinc finger, DHHC-type containing 3
361401	Pla2g15	phospholipase A2, group XV
315702	RGD1305464	similar to human chromosome 15 open reading frame 39
290567	Chat	choline O-acetyltransferase
498229	Tmem81	transmembrane protein 81
303514	Msl1	male-specific lethal 1 homolog (Drosophila)
252962	Phtf1	putative homeodomain transcription factor 1
362171	Prr5l	proline rich 5 like
309512	Tnks2	tankyrase, TRF1-interacting ankyrin-related ADP-ribose polymerase 2
100125373	Pnrc2	proline-rich nuclear receptor coactivator 2
691534	Nop10	NOP10 ribonucleoprotein
362918	Mtss1	metastasis suppressor 1
117524	Ccnf	cyclin F
362037	Ap1ar	adaptor-related protein complex 1 associated regulatory protein
308473	Samd4b	sterile alpha motif domain containing 4B
305450	Sh3bp2	SH3-domain binding protein 2
117107	Zbtb7a	zinc finger and BTB domain containing 7a
29602	Ptgfrn	prostaglandin F2 receptor inhibitor
64032	Ctgf	connective tissue growth factor
685232	Atp6v1a	ATPase, H+ transporting, lysosomal V1 subunit A
81749	Prkch	protein kinase C, eta
305476	RGD1308775	similar to RIKEN cDNA 4921536K21
310658	Pogz	pogo transposable element with ZNF domain
315953	Cldn18	claudin 18
81643	Atic	5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMF
54297	Rgs8	regulator of G-protein signaling 8
306571	Kat6a	K(lysine) acetyltransferase 6A
307956	Rbm34	RNA binding motif protein 34
498418	Wdr92	WD repeat domain 92
29364	Cd47	Cd47 molecule
313519	Gpbp11l	GC-rich promoter binding protein 1-like 1
294809	Adamts12	ADAM metalloproteinase with thrombospondin type 1 motif, 12
304766	Ubxn4	UBX domain protein 4
83522	Acox3	acyl-CoA oxidase 3, pristanoyl
84481	Arid4b	AT rich interactive domain 4B (Rbp1 like)
246116	Ptpn4	protein tyrosine phosphatase, non-receptor type 4
170818	Icmt	isoprenylcysteine carboxyl methyltransferase
117100	Slc6a7	solute carrier family 6 (neurotransmitter transporter), member 7
307348	Spire1	spire-type actin nucleation factor 1
314647	Celf5	CUGBP, Elav-like family member 5
24416	Grm3	glutamate receptor, metabotropic 3
83572	Pafah1b1	platelet-activating factor acetylhydrolase 1b, regulatory subunit 1
93667	Olfm1	olfactomedin 1
290409	Olfm4	olfactomedin 4
140928	Pde11a	phosphodiesterase 11A

365699	Nadk2	NAD kinase 2, mitochondrial
304794	Rbbp5	retinoblastoma binding protein 5
81531	Pfn2	profilin 2
24790	Sp1	Sp1 transcription factor
361522	Hnrnpul1	heterogeneous nuclear ribonucleoprotein U-like 1
64516	Vps45	vacuolar protein sorting 45 homolog (<i>S. cerevisiae</i>)
308463	Map3k10	mitogen activated protein kinase kinase kinase 10
54251	Flt1	FMS-related tyrosine kinase 1
688737	Gpr171	G protein-coupled receptor 171
308846	Uvrag	UV radiation resistance associated gene
299510	Zbtb39	zinc finger and BTB domain containing 39
362665	Camta1	calmodulin binding transcription activator 1
64521	Tspan2	tetraspanin 2
83531	Vdac2	voltage-dependent anion channel 2
304941	Pogk	pogo transposable element with KRAB domain
691506	Ttc19	tetratricopeptide repeat domain 19
100188984	Zfp951	zinc finger protein 951
361074	Slc25a30	solute carrier family 25, member 30
300083	Slc25a17	solute carrier family 25 (mitochondrial carrier, peroxisomal membrane p
83574	Rxrg	retinoid X receptor gamma
171179	Glyat12	glycine-N-acyltransferase-like 2
114492	Ccl28	chemokine (C-C motif) ligand 28
306600	Atp11a	ATPase, class VI, type 11A
363654	Tmigd1	transmembrane and immunoglobulin domain containing 1
24952	Gcg	glucagon
287709	Rab5c	RAB5C, member RAS oncogene family
291694	Fam13b	family with sequence similarity 13, member B
294774	Ttc33	tetratricopeptide repeat domain 33
64076	Slc26a1	solute carrier family 26 (anion exchanger), member 1
313840	Rmdn2	regulator of microtubule dynamics 2
116723	Pip4k2a	phosphatidylinositol-5-phosphate 4-kinase, type II, alpha
305685	Comtd1	catechol-O-methyltransferase domain containing 1
685539	Gtf3c4	general transcription factor IIIC, polypeptide 4
288562	Tfr2	transferrin receptor 2
363122	Ppp2r3a	protein phosphatase 2, regulatory subunit B", alpha
85254	Slc44a1	solute carrier family 44 (choline transporter), member 1
116687	Dnase1l3	deoxyribonuclease 1-like 3
100125362	LOC100125362	hypothetical protein LOC100125362
685171	LOC685171	similar to protein disulfide isomerase-associated 6
78956	Scn9a	sodium channel, voltage-gated, type IX, alpha subunit
83580	Thbd	thrombomodulin
499618	Ccdc169	coiled-coil domain containing 169
84431	Asah1	N-acylsphingosine amidohydrolase (acid ceramidase) 1
500118	Fam221a	family with sequence similarity 221, member A
311902	Rbm18	RNA binding motif protein 18
361399	Edc4	enhancer of mRNA decapping 4
295669	Cybrd1	cytochrome b reductase 1
287607	Mtmr4	myotubularin related protein 4

361328 Snx24	sorting nexin 24
313598 Zmym4	zinc finger, MYM-type 4
365972 Bhmt2	betaine-homocysteine S-methyltransferase
314713 Utp20	UTP20, small subunit (SSU) processome component, homolog (yeast)
298694 Plekhn1	pleckstrin homology domain containing, family N member 1
499943 Spata25	spermatogenesis associated 25
308361 Zfp329	zinc finger protein 329

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ID	SYMBOL	NAME
	2723.5	
307271	Mex3c	mex-3 RNA binding family member C
362495	Ndufaf4	NADH dehydrogenase (ubiquinone) complex I, assembly factor 4
501203	Myl12a	myosin, light chain 12A, regulatory, non-sarcomeric
498456	Sntn	sentan, cilia apical structure protein
305166	Agpat9	1-acylglycerol-3-phosphate O-acyltransferase 9
368057	Hoxa11	homeobox A11
498281	Pvrl4	poliovirus receptor-related 4
64076	Slc26a1	solute carrier family 26 (anion exchanger), member 1
360958	Ablim2	actin binding LIM protein family, member 2
362383	Rpia	ribose 5-phosphate isomerase A
498486	Gnpat1	glucosamine-phosphate N-acetyltransferase 1
361970	Trim2	tripartite motif-containing 2
288321	Rbm11	RNA binding motif protein 11
79210	Fstl1	follistatin-like 1
305751	Nkiras1	NFKB inhibitor interacting Ras-like 1
690300	Cox11	cytochrome c oxidase assembly homolog 11 (yeast)
29219	Snca	synuclein, alpha (non A4 component of amyloid precursor)
286900	Vimp	VCP-interacting membrane protein
313418	Mier1	mesoderm induction early response 1, transcriptional regulator
301555	Cul3	cullin 3
311862	Lamc3	laminin gamma 3
308384	Sae1	SUMO1 activating enzyme subunit 1
499156	Gas2	growth arrest-specific 2
315000	Rnf139	ring finger protein 139
58961	Azin1	antizyme inhibitor 1
81686	Mmp2	matrix metalloproteinase 2
296281	Plagl2	pleiomorphic adenoma gene-like 2
303584	Plekhm1	pleckstrin homology domain containing, family M (with RUN domain)
362275	B4galt5	UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 5
58844	Grb14	growth factor receptor bound protein 14
29157	Ccng2	cyclin G2
360993	Smek2	SMEK homolog 2, suppressor of mek1
25202	Gucy1b3	guanylate cyclase 1, soluble, beta 3
116644	Rtn1	reticulon 1
297486	Ppp4r2	protein phosphatase 4, regulatory subunit 2
64036	Cd55	Cd55 molecule
291530	Ccdc68	coiled-coil domain containing 68
291047	Gcm2	glial cells missing homolog 2 (Drosophila)
365755	Tbl1xr1	transducin (beta)-like 1 X-linked receptor 1
25336	Nfyb	nuclear transcription factor-Y beta
295607	Prpf40a	PRP40 pre-mRNA processing factor 40 homolog A
307474	Tcerg1	transcription elongation regulator 1
300659	Rnf26	ring finger protein 26
314543	Gulp1	GULP, engulfment adaptor PTB domain containing 1
360917	Cnot6l	CCR4-NOT transcription complex, subunit 6-like

25281	Nup153	nucleoporin 153
502128	Pom121l2	POM121 transmembrane nucleoporin-like 2
303076	Surf6	surfeit 6
29163	Cdh9	cadherin 9, type 2, T1-cadherin
306261	Eaf1	ELL associated factor 1
25615	Sdc2	syndecan 2
100188944	Pnkd	paroxysmal nonkinesigenic dyskinesia
306439	Gpm6a	glycoprotein m6a
312946	Tmem68	transmembrane protein 68
309651	Ppil1	peptidylprolyl isomerase (cyclophilin)-like 1
81681	Lss	lanosterol synthase (2,3-oxidosqualene-lanosterol cyclase)
681062	Slbp	stem-loop binding protein
289546	Tmprss11g	transmembrane protease, serine 11G
64369	Ppap2a	phosphatidic acid phosphatase type 2A
364823	Klhl14	kelch-like family member 14
29705	Gabra1	gamma-aminobutyric acid (GABA) A receptor, alpha 1
64827	Crisp1	cysteine-rich secretory protein 1
296137	Bub1	BUB1 mitotic checkpoint serine/threonine kinase
311468	Tasp1	taspase, threonine aspartase 1
114514	Clasp2	cytoplasmic linker associated protein 2
29230	Sqle	squalene epoxidase
503252	Coa5	cytochrome C oxidase assembly factor 5
688913	Dcun1d2	DCN1, defective in cullin neddylation 1, domain containing 2
361601	Abhd17c	abhydrolase domain containing 17C
501050	Iqcf3	IQ motif containing F3
307724	Rpgrip1l	Rpgrip1-like
59303	Tmem33	transmembrane protein 33
24392	Gja1	gap junction protein, alpha 1
85434	Cdc5l	cell division cycle 5-like
289318	Tmem63a	transmembrane protein 63a
25230	Add3	adducin 3 (gamma)
681415	Erh	enhancer of rudimentary homolog (Drosophila)
312890	Gdap1	ganglioside-induced differentiation-associated-protein 1
252941	Hdgfrp3	hepatoma-derived growth factor, related protein 3
117526	Tbp	TATA box binding protein
500030	Phf14	PHD finger protein 14
94196	Rnf138	ring finger protein 138, E3 ubiquitin protein ligase
302248	Nid2	nidogen 2 (osteonidogen)
680486	Dazl	deleted in azoospermia-like
316023	Dclk3	doublecortin-like kinase 3
362987	Rabl2a	RAB, member of RAS oncogene family-like 2A
298374	Prpf38a	pre-mRNA processing factor 38A
170911	Pik3ca	phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit alpha
362170	Api5	apoptosis inhibitor 5
292583	Rfpl4a	ret finger protein-like 4A
25301	Cebpg	CCAAT/enhancer binding protein (C/EBP), gamma
288731	Pgam5	phosphoglycerate mutase family member 5
310097	Snx18	sorting nexin 18

296461	Osbpl2	oxysterol binding protein-like 2
310377	RGD1306227	similar to 4833420G17Rik protein
314224	Tmem30b	transmembrane protein 30B
301574	Cab39	calcium binding protein 39
192251	Gpr149	G protein-coupled receptor 149
301563	Mff	mitochondrial fission factor
298867	Klhl29	kelch-like family member 29

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ID	SYMBOL	NAME
	3744.0	
313030	Ppp1r8	protein phosphatase 1, regulatory subunit 8
291019	Fam120a	family with sequence similarity 120A
292949	Perp	PERP, TP53 apoptosis effector
29489	Dync1h1	dynein cytoplasmic 1 heavy chain 1
24483	Igf2	insulin-like growth factor 2
362211	Mall	mal, T-cell differentiation protein-like
312711	Pianp	PILR alpha associated neural protein
361418	Hsd1l	hydroxysteroid dehydrogenase like 1
361920	Ythdf3	YTH domain family, member 3
306814	Phf2	PHD finger protein 2
304758	Ccnt2	cyclin T2
295446	Tbck	TBC1 domain containing kinase
361227	Tbc1d7	TBC1 domain family, member 7
362665	Camta1	calmodulin binding transcription activator 1
288105	Zbtb20	zinc finger and BTB domain containing 20
308692	Peg12	paternally expressed 12
360797	Rabgef1	RAB guanine nucleotide exchange factor (GEF) 1
296182	Tmx4	thioredoxin-related transmembrane protein 4
289883	Tmed5	transmembrane emp24 protein transport domain containing 5
25263	Mal	mal, T-cell differentiation protei
171517	Gpc2	glypican 2
310780	Gpr61	G protein-coupled receptor 61
499933	Dsn1	DSN1, MIS12 kinetochore complex component
24479	Idh1	isocitrate dehydrogenase 1 (NADP+), soluble
293620	Ptdss2	phosphatidylserine synthase 2
54282	Padi1	peptidyl arginine deiminase, type I
498145	Fam220a	family with sequence similarity 220, member A
29468	Pdia3	protein disulfide isomerase family A, member 3
307098	Net1	neuroepithelial cell transforming 1
297799	Mrpl15	mitochondrial ribosomal protein L15
303112	N4bp3	Nedd4 binding protein 3
292051	Cmip	c-Maf-inducing protein
499762	Med22	mediator complex subunit 22
309153	Rce1	Ras converting CAAX endopeptidase 1
314325	Gpatch2l	G patch domain containing 2-like
65132	Cldn7	claudin 7
373544	Ermp1	endoplasmic reticulum metalloproteinase 1
314785	Tmtc3	transmembrane and tetratricopeptide repeat containing 3
25427	Cyp51	cytochrome P450, family 51
365381	Stk32c	serine/threonine kinase 32C
293897	Dkk1	dickkopf WNT signaling pathway inhibitor 1
286990	Tox4	TOX high mobility group box family member 4
500132	Plekha8	pleckstrin homology domain containing, family A (phosphoinositide bin
311144	Itga4	integrin, alpha 4
246150	Akap9	A kinase (PRKA) anchor protein 9

24443 Hdc	histidine decarboxylase
305332 Limch1	LIM and calponin homology domains 1
360605 Epn3	epsin 3
497991 Med1	mediator complex subunit 1
314539 Macc1	metastasis associated in colon cancer 1
116779 Pcdha12	protocadherin alpha 12
84480 Bnip3	BCL2/adenovirus E1B interacting protein 3
360971 Nipsnap1	nipsnap homolog 1 (C. elegans)
246262 Sema3d	sema domain, immunoglobulin domain (Ig), short basic domain, secreted
292058 Gins2	GINS complex subunit 2 (Psf2 homolog)
116561 Cltb	clathrin, light chain B
314148 Clec14a	C-type lectin domain family 14, member A
679651 Tmem178b	transmembrane protein 178B
25281 Nup153	nucleoporin 153
393089 Pcdha7	protocadherin alpha 7
287871 Rptor	regulatory associated protein of MTOR, complex 1
363026 Carm1	coactivator-associated arginine methyltransferase 1
499069 Nlrp4	NLR family, pyrin domain containing 4
24184 Ak2	adenylate kinase 2
306356 Cilp2	cartilage intermediate layer protein 2
393090 Pcdha9	protocadherin alpha 9
116780 Pcdha3	protocadherin alpha 3
307415 RGD1309362	similar to interferon-inducible GTPase
499615 Lhfp	lipoma HMGIC fusion partner
366169 Rtf1	Rtf1, Paf1/RNA polymerase II complex component, homolog (S. cerevisiae)
89812 Pip4k2b	phosphatidylinositol-5-phosphate 4-kinase, type II, beta
363735 Gabpa	GA binding protein transcription factor, alpha subunit
24674 Ppp3ca	protein phosphatase 3, catalytic subunit, alpha isozyme
289521 Ankrd17	ankyrin repeat domain 17
393085 Pcdha1	protocadherin alpha 1
171010 Ppp1r14c	protein phosphatase 1, regulatory (inhibitor) subunit 14c
393091 Pcdhac1	protocadherin alpha subfamily C, 1
294799 Brix1	BRX1, biogenesis of ribosomes, homolog (S. cerevisiae)
79435 Ube2d4	ubiquitin-conjugating enzyme E2D 4 (putative)
393088 Pcdha6	protocadherin alpha 6
80881 Serp1	stress-associated endoplasmic reticulum protein 1
25692 Plat	plasminogen activator, tissue
313220 Acnat2	acyl-coenzyme A amino acid N-acyltransferase 2
362591 Mtf1	metal-regulatory transcription factor 1
24954 Insr	insulin receptor
54254 Gata4	GATA binding protein 4
84550 Slc24a2	solute carrier family 24 (sodium/potassium/calcium exchanger), member 2
362721 Tssc1	tumor suppressing subtransferable candidate 1
302890 Cpped1	calcineurin-like phosphoesterase domain containing 1
170927 Clcc1	chloride channel CLIC-like 1
266760 Nalcn	sodium leak channel, non-selective
192178 Tnrc6b	trinucleotide repeat containing 6B
362426 Bms1	BMS1 ribosome biogenesis factor

498166 Gal3st4	galactose-3-O-sulfotransferase 4
50566 Grem1	gremlin 1
361191 Nsun2	NOP2/Sun RNA methyltransferase family, member 2
315554 Pus3	pseudouridylate synthase 3
364878 March3	membrane-associated ring finger (C3HC4) 3, E3 ubiquitin protein ligase
60628 Cxcr4	chemokine (C-X-C motif) receptor 4
304073 Cldn14	claudin 14

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ID	SYMBOL	NAME
	5502.0	
500689	Ttc9	tetratricopeptide repeat domain 9
114002	Ndst2	N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 2
298521	Grik3	glutamate receptor, ionotropic, kainate 3
293046	Mesp2	mesoderm posterior basic helix-loop-helix transcription factor 2
310207	Sema5a	sema domain, seven thrombospondin repeats (type 1 and type 1-like)
303670	Tmem104	transmembrane protein 104
25518	Ppia	peptidylprolyl isomerase A (cyclophilin A)
497936	Tmem88	transmembrane protein 88
499518	Ccdc125	coiled-coil domain containing 125
25122	Scnn1a	sodium channel, non-voltage-gated 1 alpha subunit
85384	Sos2	son of sevenless homolog 2 (Drosophila)
314647	Celf5	CUGBP, Elav-like family member 5
59312	Shank3	SH3 and multiple ankyrin repeat domains 3
192247	Sez6	seizure related 6 homolog (mouse)
25577	Ywhaq	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activator
362133	Lypd6b	LY6/PLAUR domain containing 6B
24500	Il9r	interleukin 9 receptor
29201	Ctf1	cardiotrophin 1
297867	Arid1a	AT rich interactive domain 1A (SWI-like)
313512	Dmbx1	diencephalon/mesencephalon homeobox 1
361954	Veph1	ventricular zone expressed PH domain-containing 1
81805	Suox	sulfite oxidase
292894	Nosip	nitric oxide synthase interacting protein
445268	Ufc1	ubiquitin-fold modifier conjugating enzyme 1
362595	Oscp1	organic solute carrier partner 1
306204	Flnb	filamin B, beta
29743	Slc25a1	solute carrier family 25 (mitochondrial carrier, citrate transporter), member 1
192675	Bsnd	barttin CLCNK-type chloride channel accessory beta subunit
685882	Syndig1l	synapse differentiation inducing 1-like
306332	Ap1m1	adaptor-related protein complex 1, mu 1 subunit
84595	Nucb1	nucleobindin 1
308445	Cyp2s1	cytochrome P450, family 2, subfamily s, polypeptide 1
295691	Frzb	frizzled-related protein
305751	Nkiras1	NFKB inhibitor interacting Ras-like 1
295217	Snapin	SNAP-associated protein
306562	Tacc1	transforming, acidic coiled-coil containing protein 1
282843	Sorbs3	sorbin and SH3 domain containing 3
298199	Plin2	perilipin 2
316242	Tcte1	t-complex-associated testis expressed 1
366518	Tnfrsf14	tumor necrosis factor receptor superfamily, member 14
685964	LOC685964	hypothetical protein LOC685964
498166	Gal3st4	galactose-3-O-sulfotransferase 4
289353	Slc30a10	solute carrier family 30, member 10
140448	Slc8a3	solute carrier family 8 (sodium/calcium exchanger), member 3
65207	Rhag	Rh-associated glycoprotein

304714	Rrn3	RRN3 RNA polymerase I transcription factor homolog (<i>S. cerevisiae</i>)
305577	Ahsa2	AHA1, activator of heat shock protein ATPase 2
308000	Pdzd8	PDZ domain containing 8
81639	Alox15	arachidonate 15-lipoxygenase
316639	Farp2	FERM, RhoGEF and pleckstrin domain protein 2
170673	Palm	paralemmin
192154	Hip1	huntingtin interacting protein 1
362844	Brd4	bromodomain containing 4
363886	Cnpy4	canopy FGF signaling regulator 4
500102	Fam131b	family with sequence similarity 131, member B
25510	Pcp4	Purkinje cell protein 4
690300	Cox11	cytochrome c oxidase assembly homolog 11 (yeast)
266762	Mrgprf	MAS-related GPR, member F
114024	AcsL3	acyl-CoA synthetase long-chain family member 3
94202	Ptpr	protein tyrosine phosphatase, receptor type, R
24848	Tph1	tryptophan hydroxylase 1
316325	Hs6st1	heparan sulfate 6-O-sulfotransferase 1
301323	Prim2	primase, DNA, polypeptide 2
303753	Foxk2	forkhead box K2
366872	Cep83	centrosomal protein 83
65195	Kcnd3	potassium voltage-gated channel, Shal-related subfamily, member 3
305586	Pap0lg	poly(A) polymerase gamma
24783	Slc9a2	solute carrier family 9, subfamily A (NHE2, cation proton antiporter)
306873	Rreb1	ras responsive element binding protein 1
170819	Il24	interleukin 24
116477	Wnk1	WNK lysine deficient protein kinase 1
367252	Mgat4a	mannosyl (alpha-1,3-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase 4
25496	Notch1	notch 1
294948	Armc1	armadillo repeat containing 1
301309	Bai3	brain-specific angiogenesis inhibitor 3
170911	Pik3ca	phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit alpha
314472	Tmem179	transmembrane protein 179
367092	Arid3b	AT rich interactive domain 3B (Bright like)
305549	Peli1	pellino E3 ubiquitin protein ligase 1
303173	Zfp39	zinc finger protein 39
361412	Adamts18	ADAM metalloproteinase with thrombospondin type 1 motif, 18
360903	Fgfr1	fibroblast growth factor receptor-like 1
246272	Cant1	calcium activated nucleotidase 1
64531	Synj2bp	synaptojanin 2 binding protein
54318	Eif2s1	eukaryotic translation initiation factor 2, subunit 1 alpha
58839	Nrbf2	nuclear receptor binding factor 2
303567	Tmub2	transmembrane and ubiquitin-like domain containing 2
305478	Rnf215	ring finger protein 215
305685	Comtd1	catechol-O-methyltransferase domain containing 1
298609	Efh2	EF-hand domain family, member D2
499935	Tti1	TELO2 interacting protein 1
100125367	LOC100125367	hypothetical protein LOC100125367
25112	Gadd45a	growth arrest and DNA-damage-inducible, alpha

303277 Pigs	phosphatidylinositol glycan anchor biosynthesis, class S
304655 Zswim4	zinc finger, SWIM-type containing 4
306261 Eaf1	ELL associated factor 1
309380 Loxl4	lysyl oxidase-like 4
311245 Traf6	TNF receptor-associated factor 6, E3 ubiquitin protein ligase
310269 Egfem1	EGF-like and EMI domain containing 1
314399 Ubr7	ubiquitin protein ligase E3 component n-recogin 7 (putative)

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ID	SYMBOL	NAME
	4806.0	
361466	Tppp	tubulin polymerization promoting protein
310960	Usp33	ubiquitin specific peptidase 33
690661	Zfp40	zinc finger protein 40
117259	Tra2b	transformer 2 beta homolog (Drosophila)
291047	Gcm2	glial cells missing homolog 2 (Drosophila)
361866	Hace1	HECT domain and ankyrin repeat containing, E3 ubiquitin pro
291084	Nqo2	NAD(P)H dehydrogenase, quinone 2
252900	Dgat2	diacylglycerol O-acyltransferase 2
315341	Hoxc5	homeo box C5
314221	Six6	SIX homeobox 6
313581	Utp11l	UTP11-like, U3 small nucleolar ribonucleoprotein, (yeast)
293056	Cpeb1	cytoplasmic polyadenylation element binding protein 1
50938	Cdon	cell adhesion associated, oncogene regulated
361907	Fbxl7	F-box and leucine-rich repeat protein 7
362618	Fam76a	family with sequence similarity 76, member A
499618	Ccdc169	coiled-coil domain containing 169
295401	Lppr4	lipid phosphate phosphatase-related protein type 4
689997	Fam91a1	family with sequence similarity 91, member A1
366163	Aqr	aquarius intron-binding spliceosomal factor
362862	Hsp90b1	heat shock protein 90, beta, member 1
362691	Tmem178a	transmembrane protein 178A
81821	Dgkz	diacylglycerol kinase zeta
297607	RGD1311164	similar to DNA segment, Chr 6, Wayne State University 163, e
140937	Higd1a	HIG1 hypoxia inducible domain family, member 1A
619374	Jam2	junctional adhesion molecule 2
362911	Mal2	mal, T-cell differentiation protein 2
309858	Sec63	SEC63 homolog (<i>S. cerevisiae</i>)
25152	Map1a	microtubule-associated protein 1A
502020	Lrch1	leucine-rich repeats and calponin homology (CH) domain con
59268	Ip6k2	inositol hexakisphosphate kinase 2
25577	Ywhaq	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase ac
303000	Capn15	calpain 15
362751	Tmx1	thioredoxin-related transmembrane protein 1
289623	Ube2k	ubiquitin-conjugating enzyme E2K
498823	Ankrd29	ankyrin repeat domain 29
29701	Scn11a	sodium channel, voltage-gated, type XI, alpha subunit
361088	Rnf219	ring finger protein 219
308482	Zfp84	zinc finger protein 84
25054	Ntrk2	neurotrophic tyrosine kinase, receptor, type 2
117557	Tpm3	tropomyosin 3
291713	Rit2	Ras-like without CAAX 2
305367	Arap2	ArfGAP with RhoGAP domain, ankyrin repeat and PH domain
367252	Mgat4a	mannosyl (alpha-1,3-)-glycoprotein beta-1,4-N-acetylglucosar
292666	Psg29	pregnancy-specific glycoprotein 29
293497	Kctd13	potassium channel tetramerization domain containing 13

312936 Sox17	SRY (sex determining region Y)-box 17
499069 Nlrp4	NLR family, pyrin domain containing 4
294380 Lrrtm3	leucine rich repeat transmembrane neuronal 3
117045 Eif4e	eukaryotic translation initiation factor 4E
361970 Trim2	tripartite motif-containing 2
56011 Ywhab	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase ac
296956 Ube2h	ubiquitin-conjugating enzyme E2H
114504 Msx3	msh homeobox 3
498486 Gnpnat1	glucosamine-phosphate N-acetyltransferase 1
287765 Ddx5	DEAD (Asp-Glu-Ala-Asp) box helicase 5
394266 Gjb2	gap junction protein, beta 2
500112 Gimap8	GTPase, IMAP family member 8
286917 Phax	phosphorylated adaptor for RNA export
293894 Tpd52l3	tumor protein D52-like 3
685374 Ankrd13c	ankyrin repeat domain 13C
54321 Cnn3	calponin 3, acidic
24590 Mme	membrane metallo-endopeptidase
314850 Frs2	fibroblast growth factor receptor substrate 2
289595 Nfxl1	nuclear transcription factor, X-box binding-like 1
303915 Iqcb1	IQ motif containing B1
497815 Nrcam	neuronal cell adhesion molecule
24779 Slc4a1	solute carrier family 4 (anion exchanger), member 1
353307 Slc29a3	solute carrier family 29 (equilibrative nucleoside transporter),
288701 Srsf9	serine/arginine-rich splicing factor 9
252941 Hdgfrp3	hepatoma-derived growth factor, related protein 3
680454 Krtap31-1	keratin associated protein 31-1
306571 Kat6a	K(lysine) acetyltransferase 6A
24255 Cfr	cystic fibrosis transmembrane conductance regulator
25483 Msx2	msh homeobox 2
500221 Eva1a	eva-1 homolog A
29222 Ptma	prothymosin alpha
25484 Myo1e	myosin IE
50577 Galr1	galanin receptor 1
294594 Spata9	spermatogenesis associated 9
288256 Cryz1l	crystallin, zeta (quinone reductase)-like 1
306460 Enpp6	ectonucleotide pyrophosphatase/phosphodiesterase 6
363236 Fam117b	family with sequence similarity 117, member B
361465 Echdc1	enoyl CoA hydratase domain containing 1
311846 Lrrc8a	leucine rich repeat containing 8 family, member A
362188 Slc5a12	solute carrier family 5 (sodium/monocarboxylate cotransport
56611 Anxa2	annexin A2
84006 Prkci	protein kinase C, iota
292041 Wwox	WW domain-containing oxidoreductase
24356 Ets1	v-ets avian erythroblastosis virus E26 oncogene homolog 1
305922 Lats2	large tumor suppressor kinase 2
29495 Dlg4	discs, large homolog 4 (Drosophila)
293744 Ms4a7	membrane-spanning 4-domains, subfamily A, member 7
80881 Serp1	stress-associated endoplasmic reticulum protein 1

316153 Sult1c2a	sulfotransferase family, cytosolic, 1C, member 2a
289276 Adss	adenylosuccinate synthase
293937 Pkd2l1	polycystic kidney disease 2-like 1
24482 Igf1	insulin-like growth factor 1
25613 Ptpnz1	protein tyrosine phosphatase, receptor-type, Z polypeptide 1
79112 Pigm	phosphatidylinositol glycan anchor biosynthesis, class M
309111 Slc25a22	solute carrier family 25 (mitochondrial carrier, glutamate), m

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ID	SYMBOL	NAME
	4764.0	
296500	Dlx1	distal-less homeobox 1
681352	Letmd1	LETM1 domain containing 1
686075	Gapt	Grb2-binding adaptor protein, transmembrane
293673	Eif1ad	eukaryotic translation initiation factor 1A domain contain
315824	Bmp5	bone morphogenetic protein 5
499801	Ifih1	interferon induced with helicase C domain 1
171142	Ehhadh	enoyl-CoA, hydratase/3-hydroxyacyl CoA dehydrogenase
313564	Zmpste24	zinc metalloproteinase STE24
294429	Ranbp2	RAN binding protein 2
170920	Map4k3	mitogen-activated protein kinase kinase kinase kinase 3
315702	RGD1305464	similar to human chromosome 15 open reading frame 35
310753	Lrig2	leucine-rich repeats and immunoglobulin-like domains 2
313782	Fbxl12	F-box and leucine-rich repeat protein 12
301255	Spats1	spermatogenesis associated, serine-rich 1
680409	Prodh	proline dehydrogenase (oxidase) 1
171010	Ppp1r14c	protein phosphatase 1, regulatory (inhibitor) subunit 14c
311876	Pbx3	pre-B-cell leukemia homeobox 3
361503	Eps8l1	EPS8-like 1
24323	Edn1	endothelin 1
501052	Tusc2	tumor suppressor candidate 2
315283	Pced1b	PC-esterase domain containing 1B
290959	Slc35d2	solute carrier family 35 (UDP-GlcNAc/UDP-glucose transp
303968	Ift57	intraflagellar transport 57
171455	Exoc2	exocyst complex component 2
500995	RGD1564937	similar to RIKEN cDNA 1110032A03
24498	Il6	interleukin 6
364786	Itga8	integrin, alpha 8
362741	Pax9	paired box 9
360720	Rabl3	RAB, member of RAS oncogene family-like 3
308995	Itgal	integrin, alpha L
304784	Slc26a9	solute carrier family 26 (anion exchanger), member 9
114638	Hps1	Hermansky-Pudlak syndrome 1 homolog (human)
192154	Hip1	huntingtin interacting protein 1
291580	RGD1312005	similar to DD1
500485	Cer1	cerberus 1, DAN family BMP antagonist
361066	RGD1308117	similar to 9930012K11Rik protein
117044	Rraga	Ras-related GTP binding A
305502	Tmed4	transmembrane emp24 protein transport domain contain
406164	Pbx2	pre-B-cell leukemia homeobox 2
296925	Aass	aminoadipate-semialdehyde synthase
314480	Gpr132	G protein-coupled receptor 132
299052	Aldoart2	aldolase 1 A retrogene 2
361285	Mllt10	myeloid/lymphoid or mixed-lineage leukemia (trithorax f
304799	Ppp1r15b	protein phosphatase 1, regulatory subunit 15B
498456	Sntn	sentan, cilia apical structure protein

500036 Ppp1r3a	protein phosphatase 1, regulatory subunit 3A
287974 Klhl6	kelch-like family member 6
171387 Rnf39	ring finger protein 39
293494 Ino80e	INO80 complex subunit E
305464 Depdc5	DEP domain containing 5
303915 Iqcb1	IQ motif containing B1
367252 Mgat4a	mannosyl (alpha-1,3-)-glycoprotein beta-1,4-N-acetylgluc
289603 Commmd8	COMM domain containing 8
292545 Nlrp4a	NLR family, pyrin domain containing 4A
300649 Crtam	cytotoxic and regulatory T cell molecule
360230 Stk40	serine/threonine kinase 40
85428 Rhoq	ras homolog family member Q
288587 Alkbh4	alkB, alkylation repair homolog 4 (E. coli)
295500 Metap1	methionyl aminopeptidase 1
291211 Ggps1	geranylgeranyl diphosphate synthase 1
64088 Snx16	sorting nexin 16
309400 Tmem2	transmembrane protein 2
305581 Pex13	peroxisomal biogenesis factor 13
29701 Scn11a	sodium channel, voltage-gated, type XI, alpha subunit
304860 Npl	N-acetylneuraminatase pyruvate lyase
361711 Dpf2	D4, zinc and double PHD fingers family 2
64827 Crisp1	cysteine-rich secretory protein 1
29434 Rasgrp1	RAS guanyl releasing protein 1 (calcium and DAG-regulat
364719 Prss16	protease, serine, 16 (thymus)
298366 Ttc39a	tetratricopeptide repeat domain 39A
25113 Ddn	dendrin
290519 Thoc3	THO complex 3
293294 Trim6	tripartite motif containing 6
361625 Nrip3	nuclear receptor interacting protein 3
305127 Zfp644	zinc finger protein 644
83833 Smarcd2	SWI/SNF related, matrix associated, actin dependent reg
366602 Tspan13	tetraspanin 13
291567 Ppargc1b	peroxisome proliferator-activated receptor gamma, coac
500390 RGD1564053	similar to hypothetical protein
94201 Cdk4	cyclin-dependent kinase 4
303337 Rab11fip4	RAB11 family interacting protein 4 (class II)
360904 Idua	alpha-L-iduronidase
296281 Plagl2	pleiomorphic adenoma gene-like 2
171092 G3bp1	GTPase activating protein (SH3 domain) binding protein :
296199 Snx5	sorting nexin 5
245921 Acvr1c	activin A receptor, type IC
64824 Nab1	Ngfi-A binding protein 1
315434 Ankrd49	ankyrin repeat domain 49
81758 Rbl2	retinoblastoma-like 2
50998 Coil	coilin
140934 Ikbkap	inhibitor of kappa light polypeptide gene enhancer in B-c
498350 LOC498350	similar to testicular haploid expressed gene product isofc
301372 Gpr45	G protein-coupled receptor 45

308896 Usp47	ubiquitin specific peptidase 47
293996 Pdzd7	PDZ domain containing 7
311166 Clp1	cleavage and polyadenylation factor I subunit 1
362324 Mios	missing oocyte, meiosis regulator, homolog (Drosophila)
684961 Zmat4	zinc finger, matrin type 4
500255 Eefsec	eukaryotic elongation factor, selenocysteine-tRNA-specif
114002 Ndst2	N-deacetylase/N-sulfotransferase (heparan glucosaminy

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ID	SYMBOL	NAME
	5204.5	
	361056 Rnaseh2b	ribonuclease H2, subunit B
	289777 Fignl1	fidgetin-like 1
	294809 Adamts12	ADAM metalloproteinase with thrombospondin type 1 motif,
	679805 Mei4	meiosis-specific 4 homolog (<i>S. cerevisiae</i>)
	362324 Mios	missing oocyte, meiosis regulator, homolog (<i>Drosophila</i>)
	316235 Polh	polymerase (DNA directed), eta
	360417 Ptpaq	protein tyrosine phosphatase, receptor type, Q
100192313	Atxn7l3b	ataxin 7-like 3B
	246262 Sema3d	sema domain, immunoglobulin domain (Ig), short basic dom
	291441 Ska1	spindle and kinetochore associated complex subunit 1
	304758 Ccnt2	cyclin T2
	289185 Creg1	cellular repressor of E1A-stimulated genes 1
	140448 Slc8a3	solute carrier family 8 (sodium/calcium exchanger), member
	305687 Zfp503	zinc finger protein 503
	361601 Abhd17c	abhydrolase domain containing 17C
	314380 Tdp1	tyrosyl-DNA phosphodiesterase 1
	299858 Lrp1	low density lipoprotein receptor-related protein 1
	295985 RGD1304978	similar to RIKEN cDNA 0610027B03
	690300 Cox11	cytochrome c oxidase assembly homolog 11 (yeast)
	308790 Mex3b	mex-3 RNA binding family member B
	500950 Zfp317	zinc finger protein 317
	266770 Soat2	sterol O-acyltransferase 2
	309312 Gldc	glycine dehydrogenase (decarboxylating)
	366975 Pphln1	periphilin 1
	299612 RGD1359127	similar to RIKEN cDNA 2310011J03
	366061 Galnt3	polypeptide N-acetylgalactosaminyltransferase 3
	310633 Ubqln4	ubiquilin 4
	298655 H6pd	hexose-6-phosphate dehydrogenase (glucose 1-dehydrogen
	288182 Cldnd1	claudin domain containing 1
	502782 Pigy	phosphatidylinositol glycan anchor biosynthesis, class Y
	316530 Cnppd1	cyclin Pas1/PHO80 domain containing 1
	361725 Scgb2a2	secretoglobulin, family 2A, member 2
	684996 Mplkip	M-phase specific PLK1 interacting protein
	287098 Cldn6	claudin 6
	303212 Zfp287	zinc finger protein 287
	315210 Brd1	bromodomain containing 1
	363741 Krtap7-1	keratin associated protein 7-1
	362385 Pole4	polymerase (DNA-directed), epsilon 4, accessory subunit
	297459 Mrps25	mitochondrial ribosomal protein S25
	690333 Sertm1	serine-rich and transmembrane domain containing 1
	499330 Nmrk1	nicotinamide riboside kinase 1
	29219 Snca	synuclein, alpha (non A4 component of amyloid precursor)
	295457 Cisd2	CDGSH iron sulfur domain 2
	301086 Xcr1	chemokine (C motif) receptor 1
	24417 Grm4	glutamate receptor, metabotropic 4

311548 Ttl9	tubulin tyrosine ligase-like family, member 9
116506 Calcr	calcitonin receptor
85426 Slc5a7	solute carrier family 5 (sodium/choline cotransporter), mem
498229 Tmem81	transmembrane protein 81
294208 Trim31	tripartite motif-containing 31
287633 Lrrc59	leucine rich repeat containing 59
56764 LOC56764	dnaj-like protein
311210 Tspan18	tetraspanin 18
303786 Aifm3	apoptosis-inducing factor, mitochondrion-associated 3
291813 Cmtm3	CKLF-like MARVEL transmembrane domain containing 3
171075 Fcer2	Fc fragment of IgE, low affinity II, receptor for (CD23)
313840 Rmdn2	regulator of microtubule dynamics 2
24214 Atp1b2	ATPase, Na ⁺ /K ⁺ transporting, beta 2 polypeptide
294422 Smpdl3a	sphingomyelin phosphodiesterase, acid-like 3A
290595 LOC290595	hypothetical gene supported by AF152002
301076 Zfp445	zinc finger protein 445
171500 Stau2	staufen double-stranded RNA binding protein 2
303214 Trim16	tripartite motif-containing 16
360896 Esrrg	estrogen-related receptor gamma
361251 Elmo1	engulfment and cell motility 1
502128 Pom121l2	POM121 transmembrane nucleoporin-like 2
288038 Mfi2	antigen p97 (melanoma associated) identified by monoclon
361986 Slc39a1	solute carrier family 39 (zinc transporter), member 1
314859 Mdm1	Mdm1 nuclear protein homolog (mouse)
310352 Jade1	jade family PHD finger 1
303700 Usp36	ubiquitin specific peptidase 36
288752 B3gnt4	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransfer
309680 Dnmt3l	DNA (cytosine-5-)-methyltransferase 3-like
64043 Gcnt1	glucosaminyl (N-acetyl) transferase 1, core 2
294065 Kcnv2	potassium channel, subfamily V, member 2
306324 Tspan14	tetraspanin 14
25204 Pcsk1	proprotein convertase subtilisin/kexin type 1
295543 Pigk	phosphatidylinositol glycan anchor biosynthesis, class K
297065 Zfp282	zinc finger protein 282
361202 Gkap1	G kinase anchoring protein 1
116638 Slc17a7	solute carrier family 17 (vesicular glutamate transporter), m
291314 Sephs1	selenophosphate synthetase 1
304786 Elk4	ELK4, ETS-domain protein (SRF accessory protein 1)
315497 Tbx20	T-box 20
191571 Fat3	FAT atypical cadherin 3
361598 Iqgap1	IQ motif containing GTPase activating protein 1
116720 Pik3c2g	phosphatidylinositol-4-phosphate 3-kinase, catalytic subunit
290596 Ghitm	growth hormone inducible transmembrane protein
29139 Dcn	decorin
171087 Mpc1	mitochondrial pyruvate carrier 1
25704 Il2ra	interleukin 2 receptor, alpha
367034 Zfp266	zinc finger protein 266
316348 Pdcl3	phosducin-like 3

444983 Apold1	apolipoprotein L domain containing 1
25367 Adarb1	adenosine deaminase, RNA-specific, B1
303607 Ddx42	DEAD (Asp-Glu-Ala-Asp) box helicase 42
309165 Rela	v-rel avian reticuloendotheliosis viral oncogene homolog A
288353 Cggbp1	CGG triplet repeat binding protein 1
192152 Tgoln2	trans-golgi network protein 2
80773 Cyb5b	cytochrome b5 type B (outer mitochondrial membrane)
311071 Zeb2	zinc finger E-box binding homeobox 2
25705 Zeb1	zinc finger E-box binding homeobox 1

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ID	SYMBOL	NAME
	4954.0	
361056	Rnaseh2b	ribonuclease H2, subunit B
303214	Trim16	tripartite motif-containing 16
363741	Krtap7-1	keratin associated protein 7-1
266733	Slc12a8	solute carrier family 12, member 8
306030	Med4	mediator complex subunit 4
291441	Ska1	spindle and kinetochore associated complex subunit 1
114520	Strn3	striatin, calmodulin binding protein 3
316530	Cnppd1	cyclin Pas1/PHO80 domain containing 1
171455	Exoc2	exocyst complex component 2
502886	Foxj2	forkhead box J2
293566	Cpxm2	carboxypeptidase X (M14 family), member 2
362050	Gbp5	guanylate binding protein 5
363029	Swsap1	SWIM-type zinc finger 7 associated protein 1
312689	M6pr	mannose-6-phosphate receptor, cation dependent
361846	Vps26a	vacuolar protein sorting 26 homolog A (S. pombe)
316235	Polh	polymerase (DNA directed), eta
289777	Fignl1	fidgetin-like 1
252916	Rab38	RAB38, member RAS oncogene family
299612	RGD1359127	similar to RIKEN cDNA 2310011J03
295543	Pigk	phosphatidylinositol glycan anchor biosynthesis, class K
361037	Mrpl52	mitochondrial ribosomal protein L52
116720	Pik3c2g	phosphatidylinositol-4-phosphate 3-kinase, catalytic subunit type 2 gamma
287709	Rab5c	RAB5C, member RAS oncogene family
315286	Tmem106c	transmembrane protein 106C
246262	Sema3d	sema domain, immunoglobulin domain (Ig), short basic domain, secreted
288182	Cldnd1	claudin domain containing 1
684996	Mplkip	M-phase specific PLK1 interacting protein
366508	Pik3cd	phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit delta
83825	Dclk1	doublecortin-like kinase 1
310633	Ubqln4	ubiquilin 4
297459	Mrps25	mitochondrial ribosomal protein S25
444983	Apold1	apolipoprotein L domain containing 1
66026	Trpv4	transient receptor potential cation channel, subfamily V, member 4
282581	Fzd6	frizzled class receptor 6
314380	Tdp1	tyrosyl-DNA phosphodiesterase 1
58942	Cacnb4	calcium channel, voltage-dependent, beta 4 subunit
29219	Snca	synuclein, alpha (non A4 component of amyloid precursor)
304809	Kdm5b	lysine (K)-specific demethylase 5B
311210	Tspan18	tetraspanin 18
688705	Dgki	diacylglycerol kinase, iota
290409	Olfm4	olfactomedin 4
300463	Herpud2	HERPUD family member 2
361202	Gkap1	G kinase anchoring protein 1
314859	Mdm1	Mdm1 nuclear protein homolog (mouse)
294208	Trim31	tripartite motif-containing 31

690300	Cox11	cytochrome c oxidase assembly homolog 11 (yeast)
303070	Nipal4	NIPA-like domain containing 4
252924	Nr2c1	nuclear receptor subfamily 2, group C, member 1
50552	Zfp292	zinc finger protein 292
312052	Steap2	STEAP family member 2, metalloreductase
60577	Slc15a2	solute carrier family 15 (oligopeptide transporter), member 2
361986	Slc39a1	solute carrier family 39 (zinc transporter), member 1
192152	Tgoln2	trans-golgi network protein 2
362385	Pole4	polymerase (DNA-directed), epsilon 4, accessory subunit
294343	Zfp280b	zinc finger protein 280B
309312	Gldc	glycine dehydrogenase (decarboxylating)
303584	Plekhm1	pleckstrin homology domain containing, family M (with RUN domain) me
291314	Sephs1	selenophosphate synthetase 1
100192313	Atxn7l3b	ataxin 7-like 3B
298655	H6pd	hexose-6-phosphate dehydrogenase (glucose 1-dehydrogenase)
288291	Tmprss15	transmembrane protease, serine 15
171447	Lphn2	latrophilin 2
287633	Lrrc59	leucine rich repeat containing 59
56764	LOC56764	dnaj-like protein
305687	Zfp503	zinc finger protein 503
360896	Esrrg	estrogen-related receptor gamma
315461	Tmed1	transmembrane emp24 protein transport domain containing 1
311430	Mavs	mitochondrial antiviral signaling protein
363795	Lmln	leishmanolysin-like (metallopeptidase M8 family)
64549	Inhbc	inhibin beta C
25023	Prkcb	protein kinase C, beta
291015	Ogn	osteoglycin
25501	Nxph1	neurexophilin 1
362324	Mios	missing oocyte, meiosis regulator, homolog (Drosophila)
294809	Adamts12	ADAM metallopeptidase with thrombospondin type 1 motif, 12
117520	Oxr1	oxidation resistance 1
291640	Slc25a2	solute carrier family 25 (mitochondrial carrier, ornithine transporter) me
361207	Tmed9	transmembrane emp24 protein transport domain containing 9
361251	Elmo1	engulfment and cell motility 1
502201	Lrrc29	leucine rich repeat containing 29
171075	Fcer2	Fc fragment of IgE, low affinity II, receptor for (CD23)
24590	Mme	membrane metallo-endopeptidase
362814	Rnf41	ring finger protein 41
64199	Gng11	guanine nucleotide binding protein (G protein), gamma 11
246263	Acsm2a	acyl-CoA synthetase medium-chain family member 2A
315497	Tbx20	T-box 20
309680	Dnmt3l	DNA (cytosine-5-)-methyltransferase 3-like
296470	Pdpf	pancreatic progenitor cell differentiation and proliferation factor
363091	Myzap	myocardial zonula adherens protein
266770	Soat2	sterol O-acyltransferase 2
84006	Prkci	protein kinase C, iota
25030	Andpro	androgen regulated protein
29387	Pla2g2c	phospholipase A2, group IIC

24214	Atp1b2	ATPase, Na ⁺ /K ⁺ transporting, beta 2 polypeptide
314320	Mlh3	mutL homolog 3
296293	Cbfa2t2	core-binding factor, runt domain, alpha subunit 2; translocated to, 2
29542	Pebp1	phosphatidylethanolamine binding protein 1
79120	Arf4	ADP-ribosylation factor 4
360573	Ksr1	kinase suppressor of ras 1
307098	Net1	neuroepithelial cell transforming 1

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ID	SYMBOL	NAME
	5131.5	
304315	Ttyh3	tweety family member 3
29344	Zfp3611	zinc finger protein 36, C3H type-like 1
79011	Camkv	CaM kinase-like vesicle-associated
301337	Plekhb2	pleckstrin homology domain containing, family B (ev
289399	RGD1311892	similar to hypothetical protein FLJ10901
306765	Zfp346	zinc finger protein 346
24333	Eno1	enolase 1, (alpha)
689984	Gpr137	G protein-coupled receptor 137
361227	Tbc1d7	TBC1 domain family, member 7
81530	Pdk2	pyruvate dehydrogenase kinase, isozyme 2
298576	Mul1	mitochondrial E3 ubiquitin protein ligase 1
494338	Trim25	tripartite motif-containing 25
156873	Kcnk15	potassium channel, subfamily K, member 15
171390	Nlrp6	NLR family, pyrin domain containing 6
362224	Csrp2bp	CSRP2 binding protein
140595	Gpr83	G protein-coupled receptor 83
305493	Urgcp	upregulator of cell proliferation
29622	Ralgds	ral guanine nucleotide dissociation stimulator
304692	Serpinb12	serpin peptidase inhibitor, clade B (ovalbumin), mer
300067	Sh3bp1	SH3-domain binding protein 1
304884	Tor3a	torsin family 3, member A
297597	Ing4	inhibitor of growth family, member 4
367113	Lrrc1	leucine rich repeat containing 1
366169	Rtf1	Rtf1, Paf1/RNA polymerase II complex component,
65048	Fat2	FAT atypical cadherin 2
306110	Klf12	Kruppel-like factor 12
361788	Prr3	proline rich 3
364624	Lsm1	LSM1, U6 small nuclear RNA associated
500430	Ankrd6	ankyrin repeat domain 6
304655	Zswim4	zinc finger, SWIM-type containing 4
299075	Trappc6b	trafficking protein particle complex 6B
499702	Synpo2	synaptopodin 2
361757	Opalin	oligodendrocytic myelin paranodal and inner loop p
310749	Rsbn1	round spermatid basic protein 1
290308	Dleu7	deleted in lymphocytic leukemia, 7
298139	LOC298139	similar to RIKEN cDNA 2310003M01
24923	Stx1b	syntaxin 1B
312559	Chchd4	coiled-coil-helix-coiled-coil-helix domain containing
84480	Bnip3	BCL2/adenovirus E1B interacting protein 3
192152	Tgoln2	trans-golgi network protein 2
116641	Lgals8	lectin, galactoside-binding, soluble, 8
297902	Gem	GTP binding protein overexpressed in skeletal musc
291100	Irf4	interferon regulatory factor 4
360605	Epn3	epsin 3
58842	Preb	prolactin regulatory element binding

315434 Ankrd49	ankyrin repeat domain 49
679805 Mei4	meiosis-specific 4 homolog (<i>S. cerevisiae</i>)
308061 Pcd6	programmed cell death 6
295953 Rag2	recombination activating gene 2
680668 Tpk1	thiamin pyrophosphokinase 1
305679 Vcl	vinculin
59114 Slc9a3r1	solute carrier family 9, subfamily A (NHE3, cation pro
685433 Evi2a	ecotropic viral integration site 2A
85246 Gas7	growth arrest specific 7
84008 Cntnap1	contactin associated protein 1
81651 Cspg4	chondroitin sulfate proteoglycan 4
309420 Fam122a	family with sequence similarity 122A
292816 Zfp507	zinc finger protein 507
25334 Bhlha15	basic helix-loop-helix family, member a15
114521 Tdg	thymine-DNA glycosylase
311170 Slc43a3	solute carrier family 43, member 3
685171 LOC685171	similar to protein disulfide isomerase-associated 6
304301 Mmd2	monocyte to macrophage differentiation-associated
25737 PcnA	proliferating cell nuclear antigen
94267 Nudt4	nudix (nucleoside diphosphate linked moiety X)-type
499516 Tmem174	transmembrane protein 174
64529 Ctsb	cathepsin B
500870 Mtbp	Mdm2, transformed 3T3 cell double minute 2, p53 b
362720 Rrm2	ribonucleotide reductase M2
313131 Rngtt	Rngtt RNA guanylyltransferase and 5'-phosphatase
366792 Mettl7b	methyltransferase like 7B
312154 Ing3	inhibitor of growth family, member 3
363091 Myzap	myocardial zonula adherens protein
679651 Tmem178b	transmembrane protein 178B
50563 Gja5	gap junction protein, alpha 5
362484 Plekhf2	pleckstrin homology domain containing, family F (wi
83466 Celsr3	cadherin, EGF LAG seven-pass G-type receptor 3
619385 Ncoa4	nuclear receptor coactivator 4
680594 Dph3	diphthamide biosynthesis 3
58857 Vapa	VAMP (vesicle-associated membrane protein)-assoc
307916 Jph3	junctionophilin 3
294094 Lipk	lipase, family member K
296560 Uap111	UDP-N-acetylglucosamine pyrophosphorylase 1-like
314320 Mlh3	mutL homolog 3
313969 Fam84a	family with sequence similarity 84, member A
309901 Phyhpl	phytanoyl-CoA 2-hydroxylase interacting protein-lik
305438 Sorcs2	sortilin-related VPS10 domain containing receptor 2
84598 Jak1	Janus kinase 1
301082 Cdcp1	CUB domain containing protein 1
366452 Ptch2	patched homolog 2 (<i>Drosophila</i>)
499331 LOC499331	similar to hypothetical protein D030056L22
79428 Luzp1	leucine zipper protein 1
171547 Crisp1d2	cysteine-rich secretory protein LCCL domain contain

313507 Tal1	T-cell acute lymphocytic leukemia 1
303764 RGD1310429	similar to Protein Njmu-R1
688717 Slirp	SRA stem-loop interacting RNA binding protein
367074 Tmprss4	transmembrane protease, serine 4
311718 Zbtb46	zinc finger and BTB domain containing 46
63840 Per2	period circadian clock 2
313121 Map3k7	mitogen activated protein kinase kinase kinase 7

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ID	SYMBOL	NAME
	5370.0	
307124	Camk1d	calcium/calmodulin-dependent protein kinase ID
304407	Cldn4	claudin 4
289392	Plxna2	plexin A2
59317	Epb41l1	erythrocyte membrane protein band 4.1-like 1
362463	Fgfr1op2	FGFR1 oncogene partner 2
307343	Fam210a	family with sequence similarity 210, member A
304507	Oas1i	2'-5' oligoadenylate synthetase 1I
499095	Zfp94	zinc finger protein 94
24832	Thy1	Thy-1 cell surface antigen
29513	Mapk13	mitogen activated protein kinase 13
50658	Mapk9	mitogen-activated protein kinase 9
313169	Ubap2	ubiquitin-associated protein 2
679869	Tcf7l2	transcription factor 7-like 2 (T-cell specific, HMG-box)
362759	Exd2	exonuclease 3'-5' domain containing 2
303306	Srr	serine racemase
246268	Oas1b	2-5 oligoadenylate synthetase 1B
361994	Bnip1	BCL2/adenovirus E1B 19kD interacting protein like [
500197	Tex37	testis expressed 37
303497	Osbpl7	oxysterol binding protein-like 7
192361	Ppp1r2	protein phosphatase 1, regulatory (inhibitor) subunit 2
362383	Rpia	ribose 5-phosphate isomerase A
307649	Ciapin1	cytokine induced apoptosis inhibitor 1
313236	Trim14	tripartite motif-containing 14
314649	S1pr4	sphingosine-1-phosphate receptor 4
84491	Qsox1	quiescin Q6 sulfhydryl oxidase 1
303132	Aff4	AF4/FMR2 family, member 4
25259	Gp5	glycoprotein V (platelet)
361618	Stim1	stromal interaction molecule 1
65272	Kcnk10	potassium channel, subfamily K, member 10
66030	Synpr	synaptoporin
361668	Ebf3	early B-cell factor 3
83800	Clta	clathrin, light chain A
500102	Fam131b	family with sequence similarity 131, member B
295325	Igsf3	immunoglobulin superfamily, member 3
29726	Slc22a5	solute carrier family 22 (organic cation/carnitine transporter), memb
291464	Snx2	sorting nexin 2
307251	Rnf165	ring finger protein 165
498350	LOC498350	similar to testicular haploid expressed gene product isoform 2
305454	Zfyve28	zinc finger, FYVE domain containing 28
252891	Sra1	steroid receptor RNA activator 1
362835	Reep6	receptor accessory protein 6
307838	Chst4	carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 4
64387	Ccdc80	coiled-coil domain containing 80
29461	Vgf	VGF nerve growth factor inducible
295279	Fcgr1a	Fc fragment of IgG, high affinity Ia, receptor (CD64)

361396	Ranbp10	RAN binding protein 10
246282	Zfp91	zinc finger protein 91
304786	Elk4	ELK4, ETS-domain protein (SRF accessory protein 1)
24398	Gls	glutaminase
300886	Mthfs	5,10-methenyltetrahydrofolate synthetase (5-formyltetrahydrofolate
361251	Elmo1	engulfment and cell motility 1
680216	Dnajb3	DnaJ (Hsp40) homolog, subfamily B, member 3
287424	Aloxe3	arachidonate lipoxygenase 3
29517	Sgk1	serum/glucocorticoid regulated kinase 1
363662	Bcas3	breast carcinoma amplified sequence 3
500724	RGD1560608	similar to novel protein
361675	Cend1	cell cycle exit and neuronal differentiation 1
293135	Lrrc32	leucine rich repeat containing 32
100216475	Hexdc	hexosaminidase (glycosyl hydrolase family 20, catalytic domain) cont
63840	Per2	period circadian clock 2
311182	Nup160	nucleoporin 160
298524	Dnali1	dynein, axonemal, light intermediate chain 1
360854	Arpc5	actin related protein 2/3 complex, subunit 5
304794	Rbbp5	retinoblastoma binding protein 5
140945	Rtn3	reticulon 3
84409	Robo2	roundabout, axon guidance receptor, homolog 2 (Drosophila)
360838	Lypd1	Ly6/Plaur domain containing 1
685448	Pcp4l1	Purkinje cell protein 4-like 1
81504	Grb2	growth factor receptor bound protein 2
25230	Add3	adducin 3 (gamma)
289623	Ube2k	ubiquitin-conjugating enzyme E2K
298555	Grhl3	grainyhead-like 3 (Drosophila)
292264	Myct1	myc target 1
288906	Rfx1	regulatory factor X, 1 (influences HLA class II expression)
29364	Cd47	Cd47 molecule
64559	Slc22a23	solute carrier family 22, member 23
65183	Aldh3a2	aldehyde dehydrogenase 3 family, member A2
293668	Brms1	breast cancer metastasis-suppressor 1
25718	Igf1r	insulin-like growth factor 1 receptor
688613	LOC688613	hypothetical protein LOC688613
314310	Zfp410	zinc finger protein 410
294774	Ttc33	tetratricopeptide repeat domain 33
25593	Hcrtr1	hypocretin (orexin) receptor 1
286939	Clmp	CXADR-like membrane protein
301337	Plekhb2	pleckstrin homology domain containing, family B (evectins) member :
305310	Slain2	SLAIN motif family, member 2
311415	Zc3h6	zinc finger CCCH type containing 6
361319	Spink5	serine peptidase inhibitor, Kazal type 5
311846	Lrrc8a	leucine rich repeat containing 8 family, member A
297804	Plag1	pleiomorphic adenoma gene 1
192226	Cand2	cullin-associated and neddylation-dissociated 2 (putative)
690987	Gys1	glycogen synthase 1, muscle
29365	Mpdz	multiple PDZ domain protein

498489	Naa30	N(alpha)-acetyltransferase 30, NatC catalytic subunit
289196	Tmco1	transmembrane and coiled-coil domains 1
300126	Gtse1	G-2 and S-phase expressed 1
290637	Colgalt1	collagen beta(1-O)galactosyltransferase 1
619346	Surf4	surfeit 4
140639	Nploc4	nuclear protein localization 4 homolog (<i>S. cerevisiae</i>)
83838	Ltbp3	latent transforming growth factor beta binding protein

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ID	SYMBOL	NAME
	4668.0	
	192259 Tbc1d9	TBC1 domain family, member 9 (with GRAM domain)
	300050 Bop1	block of proliferation 1
	360467 Tvp23a	trans-golgi network vesicle protein 23 homolog A (<i>S. cerevisiae</i>)
	312358 Prr15	proline rich 15
	362845 Zfp870	zinc finger protein 870
	303356 Tmem98	transmembrane protein 98
	311210 Tspan18	tetraspanin 18
	286986 Vom2r75	vomeronasal 2 receptor, 75
	29184 Cd36	CD36 molecule (thrombospondin receptor)
	287521 Mnt	MAX network transcriptional repressor
	362720 Rrm2	ribonucleotide reductase M2
100233213	Fam196a	family with sequence similarity 196, member A
	309628 Wdr46	WD repeat domain 46
	296102 Elf3	elongation factor RNA polymerase II-like 3
	290356 Phyhip	phytanoyl-CoA 2-hydroxylase interacting protein
	315655 Rdx	radixin
	361054 Ebpl	emopamil binding protein-like
	362087 Ubac1	UBA domain containing 1
	259242 Wipf3	WAS/WASL interacting protein family, member 3
	306748 Cxcl14	chemokine (C-X-C motif) ligand 14
	679747 Tma7	translational machinery associated 7 homolog
	310306 Usp13	ubiquitin specific peptidase 13
	363251 Nhej1	nonhomologous end-joining factor 1
	360613 Cwc25	CWC25 spliceosome-associated protein homolog (<i>S. cerevisiae</i>)
	362791 Siva1	SIVA1, apoptosis-inducing factor
	679692 Lpgat1	lysophosphatidylglycerol acyltransferase 1
	117538 Wipf1	WAS/WASL interacting protein family, member 1
	207122 Pkn2	protein kinase N2
	362368 Ggct	gamma-glutamyl cyclotransferase
	499539 Lmbrd2	LMBR1 domain containing 2
	362591 Mtf1	metal-regulatory transcription factor 1
	294154 LOC294154	similar to chromosome 6 open reading frame 106 isoform a
	310392 Slc7a11	solute carrier family 7 (anionic amino acid transporter light chain, x
	306549 Pomk	protein-O-mannose kinase
	315434 Ankrd49	ankyrin repeat domain 49
	367034 Zfp266	zinc finger protein 266
	29483 Slc1a3	solute carrier family 1 (glial high affinity glutamate transporter), me
	304330 Cox19	cytochrome c oxidase assembly homolog 19 (<i>S. cerevisiae</i>)
	305837 Ttc5	tetratricopeptide repeat domain 5
	362275 B4galt5	UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 5
	306147 Slitrk1	SLIT and NTRK-like family, member 1
	296599 Cacfd1	calcium channel flower domain containing 1
	316249 Enpp5	ectonucleotide pyrophosphatase/phosphodiesterase 5
	65165 Tmed2	transmembrane emp24 domain trafficking protein 2
	293046 Mesp2	mesoderm posterior basic helix-loop-helix transcription factor 2

303926 Igsf11	immunoglobulin superfamily, member 11
315037 Atmin	ATM interactor
303024 Fbxw11	F-box and WD repeat domain containing 11
287417 Rpl26	ribosomal protein L26
498729 RGD1562963	similar to chromosome 6 open reading frame 52
81508 Bhmt	betaine-homocysteine S-methyltransferase
292755 Nccrp1	non-specific cytotoxic cell receptor protein 1 homolog (zebrafish)
290280 Xpo4	exportin 4
315750 LctI	lactase-like
295428 Mettl14	methyltransferase like 14
25282 Cox6a1	cytochrome c oxidase, subunit VIa, polypeptide 1
25406 Cd44	Cd44 molecule
24539 Lpl	lipoprotein lipase
365841 Slc25a44	solute carrier family 25, member 44
304547 Tchp	trichoplein, keratin filament binding
83574 Rxrg	retinoid X receptor gamma
499957 Samd10	sterile alpha motif domain containing 10
306571 Kat6a	K(lysine) acetyltransferase 6A
305468 Eif4enif1	eukaryotic translation initiation factor 4E nuclear import factor 1
301082 Cdcp1	CUB domain containing protein 1
500950 Zfp317	zinc finger protein 317
24267 Comt	catechol-O-methyltransferase
361060 Ebf2	early B-cell factor 2
362418 Irak2	interleukin-1 receptor-associated kinase 2
192189 Syt17	synaptotagmin XVII
311562 Necab3	N-terminal EF-hand calcium binding protein 3
304900 Astn1	astrotactin 1
309859 Scml4	sex comb on midleg-like 4 (Drosophila)
58942 Cacnb4	calcium channel, voltage-dependent, beta 4 subunit [
83825 Dclk1	doublecortin-like kinase 1
316663 Fbxl17	F-box and leucine-rich repeat protein 17
301038 Ubp1	upstream binding protein 1 (LBP-1a
307724 Rpgrip1l	Rpgrip1-like
362686 Cebpz	CCAAT/enhancer binding protein zeta
25151 Igf2r	insulin-like growth factor 2 receptor
313672 Kazn	kazrin, periplakin interacting protein
366029 Zbtb6	zinc finger and BTB domain containing 6
24916 Rnf112	ring finger protein 112
303135 Sept8	septin 8
689055 Rad51ap1	RAD51 associated protein 1
298648 Tardbp	TAR DNA binding protei
362962 Cbx7	chromobox homolog 7
291823 Cmtm1	CKLF-like MARVEL transmembrane domain containing 1
361811 Srpk1	SRSF protein kinase 1
303604 Map3k3	mitogen activated protein kinase kinase kinase 3
170851 Map2k1	mitogen activated protein kinase kinase 1
290596 Ghitm	growth hormone inducible transmembrane protein
311872 Zbtb43	zinc finger and BTB domain containing 43

301634	Fam174a	family with sequence similarity 174, member A
25556	Il1rl1	interleukin 1 receptor-like 1
79107	Duox2	dual oxidase 2
498688	MGC114246	similar to cathepsin R
303511	Ikzf3	IKAROS family zinc finger 3
499114	Fbxo27	F-box protein 27
60331	Atxn3	ataxin 3

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ID	SYMBOL	NAME
	4974.0	
	64313 Oat	ornithine aminotransferase
	29651 Aldh1a7	aldehyde dehydrogenase family 1, subfamily A7
	287633 Lrrc59	leucine rich repeat containing 59
	288038 Mfi2	antigen p97 (melanoma associated) identified by monoclonal anti
	290230 Mdp1	magnesium-dependent phosphatase 1
	304486 Tctn1	tectonic family member 1
	498406 Mrps24	mitochondrial ribosomal protein S24
	303660 Btbd17	BTB (POZ) domain containing 17
	362133 Lypd6b	LY6/PLAUR domain containing 6B
	29142 Vnn1	vanin 1
	312781 Lrp6	low density lipoprotein receptor-related protein 6
	313220 Acnat2	acyl-coenzyme A amino acid N-acyltransferase 2
	293693 Cdc42bpg	CDC42 binding protein kinase gamma (DMPK-like)
	498257 Fam163a	family with sequence similarity 163, member A
	116595 Nrnx2	neurexin 2
	500061 Fam71f1	family with sequence similarity 71, member F1
	60562 Stx6	syntaxin 6
	361293 Riok3	RIO kinase 3
	296284 Kif3b	kinesin family member 3B
	303678 Caskin2	cask-interacting protein 2
	303676 Slc25a19	solute carrier family 25 (mitochondrial thiamine pyrophosphate c
	310352 Jade1	jade family PHD finger 1
	366311 Clvs1	clavesin 1
	360801 Ncor2	nuclear receptor co-repressor 2
	363831 Gsc2	goosecoid homeobox 2
	680883 Lrtm2	leucine-rich repeats and transmembrane domains 2
	360573 Ksr1	kinase suppressor of ras 1
	406868 G4	G4 protein
	306720 Ctsm	cathepsin M
	29743 Slc25a1	solute carrier family 25 (mitochondrial carrier, citrate transporter
	365797 Ufm1	ubiquitin-fold modifier 1
	60671 Gulo	gulonolactone (L-) oxidase
	311617 Fitm2	fat storage-inducing transmembrane protein 2
	24914 Lox	lysyl oxidase
	60563 Hr	hair growth associated
	300839 Lysmd2	LysM, putative peptidoglycan-binding, domain containing 2
	305479 Sf3a1	splicing factor 3a, subunit 1
	361986 Slc39a1	solute carrier family 39 (zinc transporter), member 1
	25566 Tmod1	tropomodulin 1
	116699 Inpp4b	inositol polyphosphate-4-phosphatase, type II
	365314 Lipt2	lipoyl(octanoyl) transferase 2 (putative)
	295661 Spc25	SPC25, NDC80 kinetochore complex component
	24629 Pdgfrb	platelet derived growth factor receptor, beta polypeptide
	171102 Cdc25a	cell division cycle 25A
	24862 Ugt2b	UDP glycosyltransferase 2 family, polypeptide B

362629	Il22ra1	interleukin 22 receptor, alpha 1
300666	C2cd2l	C2CD2-like
690300	Cox11	cytochrome c oxidase assembly homolog 11 (yeast)
140938	Psmc3ip	PSMC3 interacting protein
301737	Fer	fer (fps/fes related) tyrosine kinase
499991	Steap4	STEAP family member 4
310540	Fam198b	family with sequence similarity 198, member B
362636	Usp48	ubiquitin specific peptidase 48
65180	Kcnd2	potassium voltage-gated channel, Shal-related subfamily, member 2
25113	Ddn	dendrin
83502	Cdh1	cadherin 1
295382	Ntn1	netrin G1
316482	Crispld1	cysteine-rich secretory protein LCCL domain containing 1
246755	Bcas1	breast carcinoma amplified sequence 1
309449	Elovl3	ELOVL fatty acid elongase 3
316638	Sned1	sushi, nidogen and EGF-like domains 1
313874	Rasgrp3	RAS guanyl releasing protein 3 (calcium and DAG-regulated)
246332	Uhmk1	U2AF homology motif (UHM) kinase 1
305888	Zfx2	zinc finger homeobox 2
311720	Abhd16b	abhydrolase domain containing 16B
295445	Dkk2	dickkopf WNT signaling pathway inhibitor 2
312927	Rb1cc1	RB1-inducible coiled-coil 1
50676	Slc6a12	solute carrier family 6 (neurotransmitter transporter), member 12
24686	Prnp	prion protein
295283	Ankrd34a	ankyrin repeat domain 34A
361634	Ccp110	centriolar coiled coil protein 110kDa
311730	Gpr155	G protein-coupled receptor 155
294797	Il7r	interleukin 7 receptor
316153	Sult1c2a	sulfotransferase family, cytosolic, 1C, member 2a
299104	Fkbp3	FK506 binding protein 3
291130	Dcdc2	Dcdc2 doublecortin domain containing 2
316064	Oxsr1	oxidative-stress responsive 1
25054	Ntrk2	neurotrophic tyrosine kinase, receptor, type 2
501841	Coro1c	coronin, actin binding protein 1C
305268	Uba6	ubiquitin-like modifier activating enzyme 6
84018	Synj2	synaptojanin 2
303803	Klhl24	kelch-like family member 24
25202	Gucy1b3	guanylate cyclase 1, soluble, beta 3
100125362	LOC100125362	hypothetical protein LOC100125362
360591	Prr11	proline rich 11
306157	Gpc5	glypican 5
365038	Samd5	sterile alpha motif domain containing 5
360584	Ggnbp2	gametogenetin binding protein 2
66014	Impg1	interphotoreceptor matrix proteoglycan 1
360579	Ccl9	chemokine (C-C motif) ligand 9
308068	Nkd2	naked cuticle homolog 2 (Drosophila)
308016	Clca5	chloride channel calcium activated 5
292301	T	brachyury

29581 Htr2b	5-hydroxytryptamine (serotonin) receptor 2B, G protein-coupled
84489 Fgfr3	fibroblast growth factor receptor 3
25404 Cav1	caveolin 1, caveolae protein
502674 Dstn	destrin
171564 Pbl1	phenazine biosynthesis-like protein domain containing 1
291005 Gadd45g	growth arrest and DNA-damage-inducible, gamma
301235 Gltscr1l	GLTSCR1-like

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ID	SYMBOL	NAME
	1870.0	
361178	MGC112830	similar to transcription factor
363138	Nprl2	nitrogen permease regulator-like 2 (<i>S. cerevisiae</i>)
29591	Tgfr1	transforming growth factor, beta receptor 1
297439	Vom1r100	vomeroneural 1 receptor 100
315926	Pls1	plastin 1
155192	Abcg8	ATP-binding cassette, subfamily G (WHITE), member 8
362303	Klhl7	kelch-like family member 7
25523	Prkg2	protein kinase, cGMP-dependent, type II
24513	Ivd	isovaleryl-CoA dehydrogenase
309544	Rbm20	RNA binding motif protein 20
64709	Nucks1	nuclear casein kinase and cyclin-dependent kinase substrate 1
316426	Spats2l	spermatogenesis associated, serine-rich 2-like
361068	Nudt18	nudix (nucleoside diphosphate linked moiety X)-type motif 18
362268	Rbpjl	recombination signal binding protein for immunoglobulin kappa
494021	Lmcd1	LIM and cysteine-rich domains 1
363162	Cmc1	COX assembly mitochondrial protein 1
360797	Rabgef1	RAB guanine nucleotide exchange factor (GEF) 1
306183	Farp1	FERM, RhoGEF (Arhgef) and pleckstrin domain protein 1 (chondrocyte)
85426	Slc5a7	solute carrier family 5 (sodium/choline cotransporter), member 7
307124	Camk1d	calcium/calmodulin-dependent protein kinase ID
25576	Ywhah	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activating protein
399489	E2f1	E2F transcription factor 1
313725	Gpr157	G protein-coupled receptor 157
500337	Clec1a	C-type lectin domain family 1, member A
301634	Fam174a	family with sequence similarity 174, member A
310773	Cept1	choline/ethanolamine phosphotransferase 1
310250	Zfhx4	zinc finger homeobox 4
306817	Dek	DEK proto-oncogene
300813	Rnf111	ring finger protein 111
80338	Zbtb10	zinc finger and BTB domain containing 10
54305	Sstr2	somatostatin receptor 2
66030	Synpr	synaptophysin
361688	Suv420h1	suppressor of variegation 4-20 homolog 1 (<i>Drosophila</i>)
100174910	LOC100174910	glutaredoxin-like protein
360764	Zfp655	zinc finger protein 655
117549	Gpr37	G protein-coupled receptor 37
25033	Sstr1	somatostatin receptor 1
311913	Dennd1a	DENN/MADD domain containing 1A
64023	Masp1	mannan-binding lectin serine peptidase 1
689890	Srsf1	serine/arginine-rich splicing factor 1
207122	Pkn2	protein kinase N2
60434	Bcl2l2	Bcl2-like 2
308028	Slc2a12	solute carrier family 2 (facilitated glucose transporter), member 12
171083	Itfg1	integrin alpha FG-GAP repeat containing 1
497859	Atf7ip2	activating transcription factor 7 interacting protein 2

64200 Hnrnpf	heterogeneous nuclear ribonucleoprotein F
314416 Ak7	adenylate kinase 7
310658 Pogz	pogo transposable element with ZNF domain
361319 Spink5	serine peptidase inhibitor, Kazal type 5
689997 Fam91a1	family with sequence similarity 91, member A1
170578 Asz1	ankyrin repeat, SAM and basic leucine zipper domain containin
303614 Smurf2	SMAD specific E3 ubiquitin protein ligase 2
306091 Pcdh9	protocadherin 9
282844 Rffl	ring finger and FYVE-like domain containing E3 ubiquitin protei
299766 Myf5	myogenic factor 5
288057 Mylk	myosin light chain kinase
24503 Ina	internexin neuronal intermediate filament protein, alpha
304900 Astn1	astrotactin 1
309512 Tnks2	tankyrase, TRF1-interacting ankyrin-related ADP-ribose polymε
365895 Hipk1	homeodomain interacting protein kinase 1
100125373 Pnrc2	proline-rich nuclear receptor coactivator 2
300891 Morf4l1	mortality factor 4 like 1
114217 Yme1l1	YME1-like 1 ATPase
690139 Rbm24	RNA binding motif protein 24
287935 RGD1308065	hypothetical LOC287935
25673 Anxa5	annexin A5
29657 Arntl	aryl hydrocarbon receptor nuclear translocator-like
308937 Wee1	WEE1 G2 checkpoint kinase
312947 Tgs1	trimethylguanosine synthase 1
309666 Ubash3a	ubiquitin associated and SH3 domain containing, A
498089 Dtx3l	deltex 3 like, E3 ubiquitin ligase
500367 Klhl42	kelch-like family, member 42
291760 Dsc2	desmocollin 2
368042 Btaf1	BTAf1 RNA polymerase II, B-TFIID transcription factor-associat
301388 Mfsd6	major facilitator superfamily domain containing 6
691149 Capza1	capping protein (actin filament) muscle Z-line, alpha 1
309922 Rhobtb3	Rho-related BTB domain containing 3
288322 Lipi	lipase, member I
246246 Pnpla7	patatin-like phospholipase domain containing 7
501065 Cmtm7	CKLF-like MARVEL transmembrane domain containing 7
314028 Cbl1	Cbl proto-oncogene-like 1, E3 ubiquitin protein ligase
299103 Klhl28	kelch-like family member 28
114122 Vcan	versican
29260 Tlr4	toll-like receptor 4
499991 Steap4	STEAP family member 4
315435 Panx1	Pannexin 1
315958 Stag1	stromal antigen 1
60325 Serpinb2	serpin peptidase inhibitor, clade B (ovalbumin), member 2
286898 Npc2	Niemann-Pick disease, type C2
498392 Cyt11	cytokine like 1
79130 Dnajc5	DnaJ (Hsp40) homolog, subfamily C, member 5
363103 Slc17a5	solute carrier family 17 (acidic sugar transporter), member 5
299075 Trappc6b	trafficking protein particle complex 6B

314397 Rin3	Ras and Rab interactor 3
64043 Gcnt1	glucosaminyl (N-acetyl) transferase 1, core 2
313035 Dnajc8	DnaJ (Hsp40) homolog, subfamily C, member 8

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ID	SYMBOL	NAME
	3698.0	
313539	Kdm4a	lysine (K)-specific demethylase 4A
298381	Echdc2	enoyl CoA hydratase domain containing 2
360743	Med15	mediator complex subunit 15
310836	Abca4	ATP-binding cassette, subfamily A (ABC1), member 4
292155	Hs2st1	heparan sulfate 2-O-sulfotransferase 1
310269	Egfem1	EGF-like and EMI domain containing 1
290551	Chdh	choline dehydrogenase
308993	Sephs2	selenophosphate synthetase 2
297804	Plag1	pleiomorphic adenoma gene 1
295922	Mtch2	mitochondrial carrier 2
287417	Rpl26	ribosomal protein L26
361618	Stim1	stromal interaction molecule 1
499264	Apobr	apolipoprotein B receptor
310749	Rsbn1	round spermatid basic protein 1
50555	Ugt8	UDP glycosyltransferase 8
246302	Pcyox1	prenylcysteine oxidase 1
289138	Tp53i3	tumor protein p53 inducible protein 3
299928	Colec10	collectin sub-family member 10 (C-type lectin)
312706	Emg1	EMG1 N1-specific pseudouridine methyltransferase
314800	Acss3	acyl-CoA synthetase short-chain family member 3
292199	Rgd1310049	uncharacterized LOC292199
363170	Zfp167	zinc finger protein 167
313130	Pm20d2	peptidase M20 domain containing 2
312863	Ccdc91	coiled-coil domain containing 91
312603	Rybp	RING1 and YY1 binding protein
317630	Bloc1s6	biogenesis of lysosomal organelles complex-1, subunit 6, pallidin
362384	Reep1	receptor accessory protein 1
54244	Crebbp	CREB binding protein
25620	Crem	cAMP responsive element modulator
295425	Usp53	ubiquitin specific peptidase 53
314785	Tmtc3	transmembrane and tetratricopeptide repeat containing 3
291441	Ska1	spindle and kinetochore associated complex subunit 1
305880	Lrp10	low-density lipoprotein receptor-related protein 10
289883	Tmed5	transmembrane emp24 protein transport domain containing 5
361088	Rnf219	ring finger protein 219
307008	RGD1308147	similar to expressed sequence AW209491
314325	Gpatch2l	G patch domain containing 2-like
306487	Mtus1	microtubule associated tumor suppressor 1
304103	Olig2	oligodendrocyte lineage transcription factor 2
297961	Ube2j1	ubiquitin-conjugating enzyme E2, J1
307309	Sncaip	synuclein, alpha interacting protein
116564	Npr2	natriuretic peptide receptor 2
313061	RGD1559904	similar to mKIAA1429 protein
294696	Mrps36	mitochondrial ribosomal protein S36
299757	Nts	neurotensin

314148	Clec14a	C-type lectin domain family 14, member A
311412	Anapc1	anaphase promoting complex subunit 1
305830	Fbxo34	F-box protein 34
116682	Kynu	kynureninase
313391	Atg4c	autophagy related 4C, cysteine peptidase
24211	Atp1a1	ATPase, Na ⁺ /K ⁺ transporting, alpha 1 polypeptide
363206	Tmem14a	transmembrane protein 14A
287532	Slc43a2	solute carrier family 43 (amino acid system L transporter), member 2
361986	Slc39a1	solute carrier family 39 (zinc transporter), member 1
308909	Smpd1	sphingomyelin phosphodiesterase 1, acid lysosomal
170567	Slc38a1	solute carrier family 38, member 1
246280	Slc15a4	solute carrier family 15 (oligopeptide transporter), member 4
314717	Scyl2	SCY1-like 2 (<i>S. cerevisiae</i>)
304900	Astn1	astrotactin 1
361233	Ssr1	signal sequence receptor, alpha
298757	Atl2	atlastin GTPase 2
361668	Ebf3	early B-cell factor 3
406165	Agpat1	1-acylglycerol-3-phosphate O-acyltransferase 1
64001	Cyb5a	cytochrome b5 type A (microsomal)
314543	Gulp1	GULP, engulfment adaptor PTB domain containing 1
117048	Cdh17	cadherin 17
25281	Nup153	nucleoporin 153
689043	Fam19a4	family with sequence similarity 19 (chemokine (C-C motif)-like), member
362699	Yipf4	Yip1 domain family, member 4
311426	Siglec1	sialic acid binding Ig-like lectin 1, sialoadhesin
498266	Blzf1	basic leucine zipper nuclear factor 1
306840	Sirt5	sirtuin 5
360726	Fyttd1	forty-two-three domain containing 1
297971	Smim8	small integral membrane protein 8
363013	Tmem123	transmembrane protein 123
170837	Snrk	SNF related kinase
306817	Dek	DEK proto-oncogene
308937	Wee1	WEE1 G2 checkpoint kinase
171552	Prpf18	pre-mRNA processing factor 18
365841	Slc25a44	solute carrier family 25, member 44
361838	Hnrnph3	heterogeneous nuclear ribonucleoprotein H3 (2H9)
116470	Stx1a	syntaxin 1A (brain)
304337	Zfp68	zinc finger protein 68
288108	Naa50	N(alpha)-acetyltransferase 50, NatE catalytic subunit
310461	Dhx36	DEAH (Asp-Glu-Ala-His) box polypeptide 36
361848	Ddx50	DEAD (Asp-Glu-Ala-Asp) box polypeptide 50
295445	Dkk2	dickkopf WNT signaling pathway inhibitor 2
171092	G3bp1	GTPase activating protein (SH3 domain) binding protein 1
363599	Tnip1	TNFAIP3 interacting protein 1
314764	Eea1	early endosome antigen 1
499377	Plekhs1	pleckstrin homology domain containing, family S member 1
294504	Ppa1	pyrophosphatase (inorganic) 1
303375	Rad51d	RAD51 paralog D

29154	Capn2	calpain 2, (m/II) large subunit
500538	Ybx1	Y box binding protein 1
289584	Usp46	ubiquitin specific peptidase 46
364081	Irf6	interferon regulatory factor 6
361920	Ythdf3	YTH domain family, member 3
314586	Zfp763	zinc finger protein 763
316516	Tmbim1	transmembrane BAX inhibitor motif containing 1

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ID	SYMBOL	NAME
	5142.5	
	362757 Rdh11	retinol dehydrogenase 11 (all-trans/9-cis/11-cis)
	363122 Ppp2r3a	protein phosphatase 2, regulatory subunit B", alpha
	246074 Scd1	stearoyl-Coenzyme A desaturase 1
	287534 Fam101b	family with sequence similarity 101, member B
	306128 Cln5	ceroid-lipofuscinosis, neuronal 5
	360820 Pxn	paxillin
	502225 Lrrc14b	leucine rich repeat containing 14B
	246116 Ptpn4	protein tyrosine phosphatase, non-receptor type 4
	298381 Echdc2	enoyl CoA hydratase domain containing 2
	24629 Pdgfrb	platelet derived growth factor receptor, beta polypeptide
	85275 Mpp2	membrane protein, palmitoylated 2 (MAGUK p55 subfamily member 2)
	305423 C1qtnf7	C1q and tumor necrosis factor related protein 7
	298581 Pla2g2e	phospholipase A2, group IIE
	312647 Atg7	autophagy related 7
	315957 Slc35g2	solute carrier family 35, member G2
	300228 Lima1	LIM domain and actin binding 1
	289392 Plxna2	plexin A2
	362618 Fam76a	family with sequence similarity 76, member A
	140720 Baalc	brain and acute leukemia, cytoplasmic
	289324 Cnih4	cornichon family AMPA receptor auxiliary protein 4
	56823 Haa0	3-hydroxyanthranilate 3,4-dioxygenase
	500705 Efcab11	EF-hand calcium binding domain 11
	24251 Cd53	Cd53 molecule
	498533 Fam167a	family with sequence similarity 167, member A
	294336 Pcbp3	poly(rC) binding protein 3
	360860 Rfwd2	ring finger and WD repeat domain 2, E3 ubiquitin protein ligase
	494500 Gsta3	glutathione S-transferase alpha 3
	192178 Tnrc6b	trinucleotide repeat containing 6B
	498075 Trat1	T cell receptor associated transmembrane adaptor 1
	287644 Phospho1	phosphatase, orphan 1
	246266 Aspg	asparaginase
100302405	Zfp958	zinc finger protein 958
	690728 Asun	asunder, spermatogenesis regulator
	282827 Aip	aryl-hydrocarbon receptor-interacting protein
	305464 Depdc5	DEP domain containing 5
	89804 Tek	TEK tyrosine kinase, endothelial
	299511 Rdh16	retinol dehydrogenase 16 (all-trans)
	85254 Slc44a1	solute carrier family 44 (choline transporter), member 1
	293704 Trpt1	tRNA phosphotransferase 1
	315133 Ddx17	DEAD (Asp-Glu-Ala-Asp) box helicase 17
	309611 Vwa7	von Willebrand factor A domain containing 7
	361568 Rras	related RAS viral (r-ras) oncogene homolog
	303905 Parp9	poly (ADP-ribose) polymerase family, member 9
	293660 Rhod	ras homolog family member D
	293645 Ppfia1	protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interact

304941 Pogk	pogo transposable element with KRAB domain
289055 F13b	coagulation factor XIII, B polypeptide
314330 Cipc	CLOCK-interacting pacemaker
315615 Dscaml1	Down syndrome cell adhesion molecule-like 1
291005 Gadd45g	growth arrest and DNA-damage-inducible, gamma
311791 Zmynd19	zinc finger, MYND-type containing 19
500824 Fgd6	FYVE, RhoGEF and PH domain containing 6
300813 Rnf111	ring finger protein 111
311911 Rabgap1	RAB GTPase activating protein 1
170851 Map2k1	mitogen activated protein kinase kinase 1
680883 Lrtm2	leucine-rich repeats and transmembrane domains 2
292757 Fbxo17	F-box protein 17
367252 Mgat4a	mannosyl (alpha-1,3-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase
313978 E2f6	E2F transcription factor 6
54248 Dgkb	diacylglycerol kinase, beta
309041 Thumpd1	THUMP domain containing 1
307382 Napg	N-ethylmaleimide-sensitive factor attachment protein, gamma
306886 Ripk1	receptor (TNFRSF)-interacting serine-threonine kinase 1
311836 Ntng2	netrin G2
299802 Lgr5	leucine rich repeat containing G protein coupled receptor 5
315762 Rasl12	RAS-like, family 12
60383 Rbck1	RanBP-type and C3HC4-type zinc finger containing 1
303208 Specc1	sperm antigen with calponin homology and coiled-coil domains 1
297096 Snx10	sorting nexin 10
291819 Car7	carbonic anhydrase 7
307839 Zfp612	zinc finger protein 612
689711 Fam101a	family with sequence similarity 101, member A
310909 Rap1gds1	RAP1, GTP-GDP dissociation stimulator 1
24547 Mbp	myelin basic protein
309544 Rbm20	RNA binding motif protein 20
24382 Ganc	glucosidase, alpha; neutral C
300186 Amigo2	adhesion molecule with Ig like domain 2
361637 Acsm5	acyl-CoA synthetase medium-chain family member 5
25084 Il4r	interleukin 4 receptor
315949 Armc8	armadillo repeat containing 8
297065 Zfp282	zinc finger protein 282
81574 Scn1a	sodium channel, voltage-gated, type I, alpha subunit
64457 Ndr4	NDRG family member 4
360725 Snx4	sorting nexin 4
303803 Klhl24	kelch-like family member 24
360632 Fam134c	family with sequence similarity 134, member C
306991 Vps41	vacuolar protein sorting 41 homolog (<i>S. cerevisiae</i>)
365657 Marvel2	MARVEL domain containing 2
305083 Zfp281	zinc finger protein 281
64630 Snap23	synaptosomal-associated protein 23
24189 Aldoa	aldolase A, fructose-bisphosphate
293705 Otub1	OTU deubiquitinase, ubiquitin aldehyde binding 1
363273 Cops7b	COP9 signalosome subunit 7B

362485 Ccne2	cyclin E2
365213 Nanos2	nanos homolog 2 (Drosophila)
299510 Zbtb39	zinc finger and BTB domain containing 39
497987 Hoxb5	homeo box B5
287920 St6galnac1	ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-acetylgalactosamin
308283 Fbxo30	F-box protein 30
315189 Prr5	proline rich 5 (renal)

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ID	SYMBOL	NAME
	4823.5	
362776	Glrx5	glutaredoxin 5
298655	H6pd	hexose-6-phosphate dehydrogenase (glucose 1-dehydrogenase)
690212	Slc16a5	solute carrier family 16 (monocarboxylate transporter), member 5
59312	Shank3	SH3 and multiple ankyrin repeat domains 3
25247	Nsg1	neuron specific gene family member 1
24923	Stx1b	syntaxin 1B
24620	Reg3g	regenerating islet-derived 3 gamma
360476	Nagpa	N-acetylglucosamine-1-phosphodiester alpha-N-acetylglucosaminidase
297518	Arpc4	actin related protein 2/3 complex, subunit 4
252941	Hdgfrp3	hepatoma-derived growth factor, related protein 3
293476	Xpo6	exportin 6
680130	Timp4	tissue inhibitor of metalloproteinase 4
25288	Acs1	acyl-CoA synthetase long-chain family member 1
313981	Nol10	nucleolar protein 10
362518	Tmem246	transmembrane protein 246
289095	Nmnat2	nicotinamide nucleotide adenyltransferase 2
171085	Pcsk4	proprotein convertase subtilisin/kexin type 4
300723	Hykk	hydroxylysine kinase
316578	Slc16a14	solute carrier family 16, member 14
24500	Il9r	interleukin 9 receptor
292918	Otog	otogelin
498234	Arl8a	ADP-ribosylation factor-like 8A
304299	Radil	Ras association and DIL domains
116642	Slc28a1	solute carrier family 28 (concentrative nucleoside transporter), member
192269	Sub1	SUB1 homolog (<i>S. cerevisiae</i>)
361178	Tfdp1	transcription factor Dp-1
252917	Nr1d1	nuclear receptor subfamily 1, group D, member 1
83825	Dclk1	doublecortin-like kinase 1
303281	Supt6h	suppressor of Ty 6 homolog (<i>S. cerevisiae</i>)
316242	Tcte1	t-complex-associated testis expressed 1
287647	Hoxb9	homeo box B9
116697	Pabpn1	poly(A) binding protein, nuclear 1
24213	Atp1a3	ATPase, Na ⁺ /K ⁺ transporting, alpha 3 polypeptide
293705	Otub1	OTU deubiquitinase, ubiquitin aldehyde binding 1
294012	RGD1311783	similar to RIKEN cDNA 2010012005
360654	Dnai2	dynein, axonemal, intermediate chain 2
315059	Trappc9	trafficking protein particle complex 9
282584	Mtmr9	myotubularin related protein 9
310661	Vps72	vacuolar protein sorting 72 homolog (<i>S. cerevisiae</i>)
170896	Ucn2	urocortin 2
316216	Taf8	TAF8 RNA polymerase II, TATA box binding protein (TBP)-associated factor
300664	Abcg4	ATP-binding cassette, subfamily G (WHITE), member 4
366826	Diras1	DIRAS family, GTP-binding RAS-like 1
289230	Nhlh1	nescient helix loop helix 1
678759	Ndufa10	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex 10

360617	Mien1	migration and invasion enhancer 1
307649	Ciapin1	cytokine induced apoptosis inhibitor 1
29575	Tcea2	transcription elongation factor A (SII), 2
360459	RGD1305733	similar to RIKEN cDNA 2900011O08
302971	Prss22	protease, serine, 22
316632	Ndufa10l1	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex 10-like 1
498538	Trim35	tripartite motif-containing 35
24973	RT1-A1	RT1 class Ia, locus A1
171103	Cdc25b	cell division cycle 25B
289353	Slc30a10	solute carrier family 30, member 10
310250	Zfhx4	zinc finger homeobox 4
368044	Atp6v1g2	ATPase, H+ transporting, lysosomal V1 subunit G2
287731	Lsm12	LSM12 homolog (<i>S. cerevisiae</i>)
308582	Tead2	TEA domain family member 2
293155	Anapc15	anaphase promoting complex subunit 15
83788	Sept9	septin 9
25614	Ptk2	protein tyrosine kinase 2
85273	Fbxo2	F-box protein 2
309627	RT1-A3	RT1 class I, locus A3
362245	Map1lc3a	microtubule-associated protein 1 light chain 3 alpha
315804	Rfx7	regulatory factor X, 7
299188	Zfyve1	zinc finger, FYVE domain containing 1
291969	Atp6v0d1	ATPase, H+ transporting, lysosomal V0 subunit D1
310688	Sh2d2a	SH2 domain containing 2A
296269	Angpt4	angiopoietin 4
83465	Celsr2	cadherin, EGF LAG seven-pass G-type receptor 2
308445	Cyp2s1	cytochrome P450, family 2, subfamily s, polypeptide 1
310207	Sema5a	sema domain, seven thrombospondin repeats (type 1 and type 1-like), tr
308765	Arpin	actin-related protein 2/3 complex inhibitor
362564	Bend5	BEN domain containing 5
499689	Gstm4	glutathione S-transferase mu 4
360526	P4ha2	prolyl 4-hydroxylase, alpha polypeptide II
296048	Lpcat4	lysophosphatidylcholine acyltransferase 4
58982	Ncan	neurocan
303903	Parp14	poly (ADP-ribose) polymerase family, member 14
312720	Akap3	A kinase (PRKA) anchor protein 3
362045	Lamtor3	late endosomal/lysosomal adaptor, MAPK and MTOR activator 3
64469	Slc30a4	solute carrier family 30 (zinc transporter), member 4
25628	Nkx2-1	NK2 homeobox 1
259237	Dock9	dedicator of cytokinesis 9
499337	Dock8	dedicator of cytokinesis 8
685169	Fam163b	family with sequence similarity 163, member B
304407	Cldn4	claudin 4
361749	Il33	interleukin 33
689065	LOC689065	hypothetical protein LOC689065
686506	Lym7	LYR motif containing 7
292770	Spint2	serine peptidase inhibitor, Kunitz type, 2
361412	Adamts18	ADAM metallopeptidase with thrombospondin type 1 motif, 18

63836 Actn4	actinin alpha 4
311209 Tp53i11	tumor protein p53 inducible protein 11
497878 Nsg2	neuron specific gene family member 2
290234 Dhhs1	dehydrogenase/reductase (SDR family) member 1
679712 Myef2	myelin expression factor 2
56083 Tgm2	transglutaminase 2
498830 MGC116121	similar to RIKEN cDNA 2700062C07

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ID	SYMBOL	NAME
	4771.0	
117044	Rraga	Ras-related GTP binding A
353307	Slc29a3	solute carrier family 29 (equilibrative nucleoside transporter), member 3
293561	Rnf152	ring finger protein 152
313672	Kazn	kazrin, periplakin interacting protein
140592	Ppfia4	protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), inter
81503	Cxcl1	chemokine (C-X-C motif) ligand 1
361940	Pgrmc2	progesterone receptor membrane component 2
192180	Nip7	NIP7, nucleolar pre-rRNA processing protein
54190	Rabep1	rabaptin, RAB GTPase binding effector protein 1
317385	Fus	fused in sarcoma RNA binding protein
79431	Bhlhe40	basic helix-loop-helix family, member e40
116463	Akr1b7	aldo-keto reductase family 1, member B7
362672	Lrrc47	leucine rich repeat containing 47
300240	RGD1359310	similar to RIKEN cDNA 9430023L20
303586	Wnt9b	wingless-type MMTV integration site family, member 9B
304982	Igsf9	immunoglobulin superfamily, member 9
312358	Prr15	proline rich 15
360910	Abcg3l2	ATP-binding cassette, subfamily G (WHITE), member 3-like 2 [
306790	Sema4d	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM
306015	Fam160b2	family with sequence similarity 160, member B2
306261	Eaf1	ELL associated factor 1
25126	Stat5b	signal transducer and activator of transcription 5B
25715	Slc11a2	solute carrier family 11 (proton-coupled divalent metal ion transporter),
360997	Abcg3l4	ATP-binding cassette, subfamily G (WHITE), member 3-like 4
293165	Sox6	SRY (sex determining region Y)-box 6
25390	Atp1b3	ATPase, Na ⁺ /K ⁺ transporting, beta 3 polypeptide
302890	Cpped1	calcineurin-like phosphoesterase domain containing 1
303132	Aff4	AF4/FMR2 family, member 4
314910	Nab2	Ngfi-A binding protein 2
688685	Fam109b	family with sequence similarity 109, member B
362732	Agmo	alkylglycerol monooxygenase
307505	Ctnna1	catenin (cadherin-associated protein), alpha 1, 102kDa
361059	Ccdc25	coiled-coil domain containing 25
362960	Dmc1	DNA meiotic recombinase 1
29591	Tgfb1	transforming growth factor, beta receptor 1
60628	Cxcr4	chemokine (C-X-C motif) receptor 4
84587	Plcl1	phospholipase C-like 1
366508	Pik3cd	phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit delta
301261	Enpp4	ectonucleotide pyrophosphatase/phosphodiesterase 4
308126	Zbtb2	zinc finger and BTB domain containing 2
314539	Macc1	metastasis associated in colon cancer 1
315434	Ankrd49	ankyrin repeat domain 49
308717	Slc35d3	solute carrier family 35, member D3
25367	Adarb1	adenosine deaminase, RNA-specific, B1
361668	Ebf3	early B-cell factor 3

365024	Chmp1a	charged multivesicular body protein 1A
364975	Gcdh	glutaryl-CoA dehydrogenase
29602	Ptgfrn	prostaglandin F2 receptor inhibitor
299699	Aldh1l2	aldehyde dehydrogenase 1 family, member L2
315824	Bmp5	bone morphogenetic protein 5
288762	Mtm1	myotubularin 1
286996	Zfp689	zinc finger protein 689
310306	Usp13	ubiquitin specific peptidase 13
81654	Dlat	dihydrolipoamide S-acetyltransferase
192181	Podxl	podocalyxin-like
312309	Zfp775	zinc finger protein 775
314941	Lrp12	low density lipoprotein receptor-related protein 12
299147	Ppp2r5e	protein phosphatase 2, regulatory subunit B', epsilon isoform
79237	Hhex	hematopoietically expressed homeobox
303260	Spag7	sperm associated antigen 7
311384	Sema6d	sema domain, transmembrane domain (TM), and cytoplasmic domain, (s
293897	Dkk1	dickkopf WNT signaling pathway inhibitor 1
361578	Nomo1	nodal modulator 1
691024	Fam219a	family with sequence similarity 219, member A
83536	Mkln1	muskelin 1, intracellular mediator containing kelch motifs
362643	Emc1	ER membrane protein complex subunit 1
362283	Stx16	syntaxin 16
499691	Prpf38b	pre-mRNA processing factor 38B
24699	Ptprc	protein tyrosine phosphatase, receptor type, C
360973	Gas2l1	growth arrest-specific 2 like 1
59326	Rapgef3	Rap guanine nucleotide exchange factor (GEF) 3
310392	Slc7a11	solute carrier family 7 (anionic amino acid transporter light chain, xc- sys
681062	Slbp	stem-loop binding protein
361050	Rcvtb1	regulator of chromosome condensation (RCC1) and BTB (POZ) domain cc
291314	Sephs1	selenophosphate synthetase 1
58919	Ccnd1	cyclin D1
498281	Pvrl4	poliovirus receptor-related 4
295401	Lppr4	lipid phosphate phosphatase-related protein type 4
360672	Cep131	centrosomal protein 131
25216	Sdc1	syndecan 1
287989	Ephb3	Eph receptor B3
293705	Otub1	OTU deubiquitinase, ubiquitin aldehyde binding 1
362162	Arfgap2	ADP-ribosylation factor GTPase activating protein 2
362776	Glrx5	glutaredoxin 5
362734	Stxbp6	syntaxin binding protein 6 (amisyn)
65151	Hrsp12	heat-responsive protein 12
360650	Amz2	archaelysin family metallopeptidase 2
290705	Nek1	NIMA-related kinase 1
310764	Fam212b	family with sequence similarity 212, member B
297333	Smyd1	SET and MYND domain containing 1
313139	Slc35a1	solute carrier family 35 (CMP-sialic acid transporter), member A1
57027	Adam17	ADAM metallopeptidase domain 17
305468	Eif4enif1	eukaryotic translation initiation factor 4E nuclear import factor 1

314148 Clec14a	C-type lectin domain family 14, member A
502727 RGD1563349	similar to RIKEN cDNA 9330182L06
25601 Oprm1	opioid receptor, mu 1
311405 Tmem127	transmembrane protein 127
293960 Zfand5	zinc finger, AN1-type domain 5
681337 Acot4	acyl-CoA thioesterase 4
25757 Cpt1a	carnitine palmitoyltransferase 1a, liver
29719 Kcnj16	potassium inwardly-rectifying channel, subfamily J, member 16

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ID	SYMBOL	NAME
	4866.0	
	313548 Zfp691	zinc finger protein 691
	499300 Ptprcap	protein tyrosine phosphatase, receptor type, C-associated pro
	25243 Arnt2	aryl hydrocarbon receptor nuclear translocator 2
	361274 Nudt5	nudix (nucleoside diphosphate linked moiety X)-type motif 5
	192245 Hspb6	heat shock protein, alpha-crystallin-related, B6
	310812 Lppr5	lipid phosphate phosphatase-related protein type 5
	289233 Pex19	peroxisomal biogenesis factor 19
	140670 Ap2b1	adaptor-related protein complex 2, beta 1 subunit
	365227 Upk1a	uroplakin 1A
	245924 Scaf4	SR-related CTD-associated factor 4
	79425 Clcna	chloride channel, voltage-sensitive Ka
	296560 Uap1l1	UDP-N-acetylglucosamine pyrophosphorylase 1-like 1
	257645 Itgb5	integrin, beta 5
	553106 Ncald	neurocalcin delta
	245918 Cgref1	cell growth regulator with EF hand domain 1
	313874 Rasgrp3	RAS guanyl releasing protein 3 (calcium and DAG-regulated)
	29423 Gap43	growth associated protein 43
	246781 Ptpn7	protein tyrosine phosphatase, non-receptor type 7
	81708 Aldh6a1	aldehyde dehydrogenase 6 family, member A1
100364673	LOC100364673	hypercoagulability-related protein-like
	116600 Cacnb2	calcium channel, voltage-dependent, beta 2 subunit
	304809 Kdm5b	lysine (K)-specific demethylase 5B
	94270 Nnat	neuronatin
	299979 Grhl2	grainyhead-like 2 (Drosophila)
	287545 Sarm1	sterile alpha and TIR motif containing 1
	360697 Ifngr2	interferon gamma receptor 2
	305858 Otx2	orthodenticle homeobox 2
	499964 En2	engrailed homeobox 2
	303511 Ikzf3	IKAROS family zinc finger 3
	299685 Bpifc	BPI fold containing family C
	29259 Sell	selectin L
	306439 Gpm6a	glycoprotein m6a
	64469 Slc30a4	solute carrier family 30 (zinc transporter), member 4
	84008 Cntnap1	contactin associated protein 1
	89814 Tnfsf4	tumor necrosis factor (ligand) superfamily, member 4
	314586 Zfp763	zinc finger protein 763
	81643 Atic	5-aminoimidazole-4-carboxamide ribonucleotide formyltransf
	690333 Sertm1	serine-rich and transmembrane domain containing 1
	292027 Cfdp1	craniofacial development protein 1
	314764 Eea1	early endosome antigen 1
	315866 Prss35	protease, serine, 35
	361030 Tmem260	transmembrane protein 260
	679640 Cntln	centlein, centrosomal protein
	81002 Trim23	tripartite motif-containing 23
	192235 Hyou1	hypoxia up-regulated 1

286979	Zfp455	zinc finger protein 455
287208	Ttc1	tetratricopeptide repeat domain 1
296911	ST7	suppression of tumorigenicity 7
363254	Atg9a	autophagy related 9A
192350	Cdk12	cyclin-dependent kinase 12
289900	Fam149b1	family with sequence similarity 149, member B1
361028	Mapk1ip1l	mitogen-activated protein kinase 1 interacting protein 1-like
293186	Lyve1	lymphatic vessel endothelial hyaluronan receptor 1
266766	Rcan1	regulator of calcineurin 1
25721	Got2	glutamic-oxaloacetic transaminase 2, mitochondrial
29430	Hap1	huntingtin-associated protein 1
85493	Abcf1	ATP-binding cassette, subfamily F (GCN20), member 1
259233	Gpx6	glutathione peroxidase 6
171142	Ehhadh	enoyl-CoA, hydratase/3-hydroxyacyl CoA dehydrogenase
80773	Cyb5b	cytochrome b5 type B (outer mitochondrial membrane)
362711	Tmem214	transmembrane protein 214
100310874	Parpbbp	PARP1 binding protein
24790	Sp1	Sp1 transcription factor
24483	Igf2	insulin-like growth factor 2
360904	Idua	iduronidase, alpha-L-
680201	Zfp322a	zinc finger protein 322a
360818	Fbxo21	F-box protein 21
619574	LOC619574	hypothetical protein LOC619574
291339	Commd3	COMM domain containing 3
60356	Csad	cysteine sulfinic acid decarboxylase
296235	LOC296235	similar to Cystatin S precursor (LM protein)
364637	Fbxo25	F-box protein 25
307039	Rab18	RAB18, member RAS oncogene family
113922	Sep15	selenoprotein 15
306974	Zfp192	zinc finger protein 192
25270	Abcd3	ATP-binding cassette, subfamily D (ALD), member 3
287722	Tmem106a	transmembrane protein 106A
293673	Eif1ad	eukaryotic translation initiation factor 1A domain containing
293149	Mrpl48	mitochondrial ribosomal protein L48
294343	Zfp280b	zinc finger protein 280B
360610	Nfe2l1	nuclear factor, erythroid 2-like 1
25122	Scnn1a	sodium channel, non-voltage-gated 1 alpha subunit
362368	Ggct	gamma-glutamyl cyclotransferase
310344	Plk4	polo-like kinase 4
100294508	LOC100294508	dyslexia susceptibility 2-like
25423	Ctsc	cathepsin C
83534	Tpp1	tripeptidyl peptidase I
83502	Cdh1	cadherin 1
363062	Dixdc1	DIX domain containing 1 [
100125373	Pnrc2	proline-rich nuclear receptor coactivator 2
313575	Heyl	hes-related family bHLH transcription factor with YRPW motif-
498230	Golt1a	golgi transport 1A
500685	Plekhd1	pleckstrin homology domain containing, family D (with coiled-

500132 Plekha8	pleckstrin homology domain containing, family A (phosphoino:
679812 Plekhg1	pleckstrin homology domain containing, family G (with RhoGei
688390 LOC688390	hypothetical protein LOC688390
25719 Scg5	secretogranin V (7B2 protein)
296966 Chchd3	coiled-coil-helix-coiled-coil-helix domain containing 3
288378 Cd209b	CD209b antigen
686019 Casq1	calsequestrin 1 (fast-twitch, skeletal muscle)

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ID	SYMBOL	NAME
	1321.0	
29642	Slc38a2	solute carrier family 38, member 2
25672	Nr3c2	nuclear receptor subfamily 3, group C, member 2
24936	Cd9	CD9 molecule
64185	Cap1	CAP, adenylate cyclase-associated protein 1 (yeast
64469	Slc30a4	solute carrier family 30 (zinc transporter), member 4
361390	Abce1	ATP-binding cassette, subfamily E (OABP), member 1
84356	Abcd2	ATP-binding cassette, subfamily D (ALD), member 2
294400	Nus1	nuclear undecaprenyl pyrophosphate synthase 1 homolog (<i>S. cerev</i>
365748	Bhlhe22	basic helix-loop-helix family, member e22
364073	Ddx3y	DEAD (Asp-Glu-Ala-Asp) box helicase 3, Y-linked
363654	Tmigd1	transmembrane and immunoglobulin domain containing 1
362691	Tmem178a	transmembrane protein 178A
25505	P2rx1	purinergic receptor P2X, ligand-gated ion channel, 1
24215	Atp2b2	ATPase, Ca ⁺⁺ transporting, plasma membrane 2
641521	Lrrc4	leucine rich repeat containing 4
310207	Sema5a	sema domain, seven thrombospondin repeats (type 1 and type 1-lil
252961	Tank	TRAF family member-associated NFKB activator
94338	Smpd3	sphingomyelin phosphodiesterase 3, neutral membrane
299147	Ppp2r5e	protein phosphatase 2, regulatory subunit B', epsilon isoform
314764	Eea1	early endosome antigen 1
499882	Eid1	EP300 interacting inhibitor of differentiation 1
290789	Cldn23	claudin 23
289143	Mrps14	mitochondrial ribosomal protein S14
303070	Nipal4	NIPA-like domain containing 4
360864	RGD1309106	similar to hypothetical protein
299707	Ccdc53	coiled-coil domain containing 53
311857	Gpr107	G protein-coupled receptor 107
81661	Gmfb	glia maturation factor, beta
288504	Snx8	sorting nexin 8
365755	Tbl1xr1	transducin (beta)-like 1 X-linked receptor 1
304157	Nrip1	nuclear receptor interacting protein 1
171083	Itfg1	integrin alpha FG-GAP repeat containing 1
497860	Rpl39l	ribosomal protein L39-like
499798	Arl6ip6	ADP-ribosylation factor-like 6 interacting protein 6
311848	Sh3glb2	SH3-domain GRB2-like endophilin B2
24239	Cacna1c	calcium channel, voltage-dependent, L type, alpha 1C subunit
304055	C2cd2	C2 calcium-dependent domain containing 2
58819	Txnrd1	thioredoxin reductase 1
291314	Sephs1	selenophosphate synthetase 1
25701	Mxi1	MAX interactor 1
690038	Bag2	Bcl2-associated athanogene 2
304881	Tor1aip2	torsin A interacting protein 2
286938	Gimap4	GTPase, IMAP family member 4
114205	Crcp	CGRP receptor component
300474	Adamts15	ADAM metallopeptidase with thrombospondin type 1 motif, 15

25591	Parp1	poly (ADP-ribose) polymerase 1
499174	Cers3	ceramide synthase 3
361598	Iqgap1	IQ motif containing GTPase activating protein 1
313974	Trib2	tribbles pseudokinase 2
59113	Kmo	kynurenine 3-monooxygenase (kynurenine 3-hydroxylase)
313139	Slc35a1	solute carrier family 35 (CMP-sialic acid transporter), member A1
311796	Nelfb	negative elongation factor complex member B
84398	Cd93	CD93 molecule
361388	Gab1	GRB2-associated binding protein 1
156873	Kcnk15	potassium channel, subfamily K, member 15
307075	Wdr37	WD repeat domain 37
50559	Acot1	acyl-CoA thioesterase 1
310395	Ccrn4l	CCR4 carbon catabolite repression 4-like (<i>S. cerevisiae</i>)
294797	Il7r	interleukin 7 receptor
315741	Paqr5	progesterone and adiponectin receptor family member V
24667	Ppm1b	protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent, 1B
266767	Slc17a8	solute carrier family 17 (vesicular glutamate transporter), member
117087	Stim2	stromal interaction molecule 2
171497	Sgk2	serum/glucocorticoid regulated kinase 2
58838	Sh2b3	SH2B adaptor protein 3
500102	Fam131b	family with sequence similarity 131, member B
24790	Sp1	Sp1 transcription factor
360854	Arpc5	actin related protein 2/3 complex, subunit 5
314855	Cpm	carboxypeptidase M
293113	Tmem126a	transmembrane protein 126A
313838	Cdc42ep3	CDC42 effector protein (Rho GTPase binding) 3
293692	Ehd1	EH-domain containing 1
304286	Lmtk2	lemur tyrosine kinase 2
301574	Cab39	calcium binding protein 39
291212	B3galnt2	beta-1,3-N-acetylgalactosaminyltransferase 2
362592	RGD1559909	RGD1559909
85267	Slc24a3	solute carrier family 24 (sodium/potassium/calcium exchanger), me
171143	Trpm4	transient receptor potential cation channel, subfamily M, member
116589	Serpina5	serpin peptidase inhibitor, clade B (ovalbumin), member 5
59102	Rpa2	replication protein A2
360600	Spag9	sperm associated antigen 9
361838	Hnrnp3	heterogeneous nuclear ribonucleoprotein H3 (2H9)
24575	Mx1	myxovirus (influenza virus) resistance 1
365627	Mblac2	metallo-beta-lactamase domain containing 2

-like

coil domains) member 1

site binding specific) member 8
f domain) member 1

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ID	SYMBOL	NAME
	5698.5	
360476	Nagpa	N-acetylglucosamine-1-phosphodiester alpha-N-acetylglucosaminidase
81522	Mtr	5-methyltetrahydrofolate-homocysteine methyltransferase
25390	Atp1b3	ATPase, Na ⁺ /K ⁺ transporting, beta 3 polypeptide
83465	Celsr2	cadherin, EGF LAG seven-pass G-type receptor 2
364785	Suv39h2	suppressor of variegation 3-9 homolog 2 (Drosophila)
314273	Dcaf5	DDB1 and CUL4 associated factor 5
170848	Kcnq2	potassium voltage-gated channel, KQT-like subfamily, member 2
363045	Siae	sialic acid acylesterase
314618	Hmha1	histocompatibility (minor) HA-1
64152	Chp1	calcineurin-like EF-hand protein 1
619566	Cdca7l	cell division cycle associated 7 like
116508	Nrxn3	neurexin 3
282836	Cthrc1	collagen triple helix repeat containing 1
50559	Acot1	acyl-CoA thioesterase 1
294900	Tpd52	tumor protein D52
304546	Git2	G protein-coupled receptor kinase interacting ArfGAP 2
680338	Clec12a	C-type lectin domain family 12, member A
303602	Dcaf7	DDB1 and CUL4 associated factor 7
287543	Tnfaip1	tumor necrosis factor, alpha-induced protein 1 (endothelial)
117524	Ccnf	cyclin F
117552	Ptpn23	protein tyrosine phosphatase, non-receptor type 23
497900	Rmnd5b	required for meiotic nuclear division 5 homolog B (S. cerevisiae)
310614	Gatad2b	GATA zinc finger domain containing 2B
362162	Arfgap2	ADP-ribosylation factor GTPase activating protein 2
300886	Mthfs	5,10-methenyltetrahydrofolate synthetase (5-formyltetrahydrofolate cyclo-ligase)
314648	Ncln	nicalin
300983	Abhd14b	abhydrolase domain containing 14b
361749	Il33	interleukin 33
54705	Pdp1	pyruvate dehydrogenase phosphatase catalytic subunit 1
311387	Slc24a5	solute carrier family 24 (sodium/potassium/calcium exchanger), member 5
64476	Mfn2	mitofusin 2
305268	Uba6	ubiquitin-like modifier activating enzyme 6
79212	Slc6a1	solute carrier family 6 (neurotransmitter transporter), member 1
100125370	Nadk	NAD kinase
500246	Arhgap25	Rho GTPase activating protein 25
83826	Nr5a1	nuclear receptor subfamily 5, group A, member 1
305454	Zfyve28	zinc finger, FYVE domain containing 28
498350	LOC498350	similar to testicular haploid expressed gene product isoform 2
303882	Tnk2	tyrosine kinase, non-receptor, 2
360627	Fkbp10	FK506 binding protein 10
296580	Camsap1	calmodulin regulated spectrin-associated protein 1
499587	Slc7a14	solute carrier family 7, member 14
311311	Meis2	Meis homeobox 2
297357	Ctnna2	catenin (cadherin associated protein), alpha 2
315952	Dzip1l	DAZ interacting zinc finger protein 1-like

64537	Hpse	heparanase
314638	Creb3l3	cAMP responsive element binding protein 3-like 3
362612	Srsf4	serine/arginine-rich splicing factor 4
313981	Nol10	nucleolar protein 10
361223	Fgd3	FYVE, RhoGEF and PH domain containing 3
309888	Sim1	single-minded family bHLH transcription factor 1
308718	Pex7	peroxisomal biogenesis factor 7
310461	Dhx36	DEAH (Asp-Glu-Ala-His) box polypeptide 36
309444	Fbxw4	F-box and WD repeat domain containing 4
292305	Sft2d1	SFT2 domain containing 1
362317	Krit1	KRIT1, ankyrin repeat containing
287477	Emc6	ER membrane protein complex subunit 6
360602	Luc7l3	LUC7-like 3 (<i>S. cerevisiae</i>)
310685	Polr3c	polymerase (RNA) III (DNA directed) polypeptide C
500048	Fezf1	Fez family zinc finger 1
497099	Xkr9	XK, Kell blood group complex subunit-related family, member 9
117596	Atp6v1b2	ATPase, H transporting, lysosomal V1 subunit B2
685144	Sec24c	SEC24 family member C
25097	Pld2	phospholipase D2
361110	Tmem110	transmembrane protein 110
246245	Fmo2	flavin containing monooxygenase 2
393088	Pcdha6	protocadherin alpha 6
286970	Abca5	ATP-binding cassette, subfamily A (ABC1), member 5
171093	Shank2	SH3 and multiple ankyrin repeat domains 2
361771	Zdhhc6	zinc finger, DHHC-type containing 6
24768	Scnn1g	sodium channel, non-voltage-gated 1, gamma subunit
29246	Stmn3	stathmin-like 3
292724	Ccdc97	coiled-coil domain containing 97
311165	Med19	mediator complex subunit 19
498281	Pvrl4	poliovirus receptor-related 4
406166	Egfl8	EGF-like-domain, multiple 8
309911	Qrsl1	glutaminyl-tRNA synthase (glutamine-hydrolyzing)-like 1
362630	Srsf10	serine/arginine-rich splicing factor 10
393086	Pcdha2	protocadherin alpha 2
116778	Pcdha10	protocadherin alpha 10
367113	Lrrc1	leucine rich repeat containing 1
259242	Wipf3	WAS/WASL interacting protein family, member 3
501164	Cdk5r2	cyclin-dependent kinase 5, regulatory subunit 2 (p39)
314879	Xpot	exportin, tRNA
310395	Ccrn4l	CCR4 carbon catabolite repression 4-like (<i>S. cerevisiae</i>)
363071	Stra6	stimulated by retinoic acid 6
296884	Glcci1	glucocorticoid induced transcript 1
25466	Il1rap	interleukin 1 receptor accessory protein
25505	P2rx1	purinergic receptor P2X, ligand-gated ion channel, 1
290995	Preli1	PRELI domain containing 1
310086	Mier3	mesoderm induction early response 1, family member 3
361719	RGD1308106	LOC361719
361816	Zfand3	zinc finger, AN1-type domain 3

690333 Sertm1	serine-rich and transmembrane domain containing 1
307545 Elp2	elongator acetyltransferase complex subunit 2
60341 Camkk1	calcium/calmodulin-dependent protein kinase kinase 1, alpha
361668 Ebf3	early B-cell factor 3
29448 Rab7a	RAB7A, member RAS oncogene family
307643 Usb1	U6 snRNA biogenesis 1
25549 Slc18a2	solute carrier family 18 (vesicular monoamine transporter), member 2
432358 Elavl4	ELAV like neuron-specific RNA binding protein 4
50557 Pten	phosphatase and tensin homolog
170808 Capn8	calpain 8
29719 Kcnj16	potassium inwardly-rectifying channel, subfamily J, member 16
64031 Pcd4	programmed cell death 4
24851 Tpm1	tropomyosin 1, alpha

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ID	SYMBOL	NAME
	4751.5	
116654	Exoc4	exocyst complex component 4
246281	Asmt	acetylserotonin O-methyltransferase
83467	Slit3	slit homolog 3 (Drosophila)
309407	Trpm3	transient receptor potential cation channel, subfamily M, member 3
54297	Rgs8	regulator of G-protein signaling 8
404781	Iqsec3	IQ motif and Sec7 domain 3
245977	Gpr116	G protein-coupled receptor 116
288371	Mcoln1	mucolipin 1
360855	Smg7	SMG7 nonsense mediated mRNA decay factor
501145	Satb2	SATB homeobox 2
300723	Hykk	hydroxylysine kinase
114845	Klf3	Kruppel-like factor 3 (basic)
360622	Igfbp4	insulin-like growth factor binding protein 4
288308	Ltn1	listerin E3 ubiquitin protein ligase 1
294292	Nudt3	nudix (nucleoside diphosphate linked moiety X)-type motif 3
310362	RGD1305938	similar to expressed sequence AW549877
689055	Rad51ap1	RAD51 associated protein 1
313139	Slc35a1	solute carrier family 35 (CMP-sialic acid transporter), member A1
246142	Bmf	Bcl2 modifying factor
171433	Micu2	mitochondrial calcium uptake 2
81708	Aldh6a1	aldehyde dehydrogenase 6 family, member A1
29480	Rgs4	regulator of G-protein signaling 4
26955	Mllt4	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Dro
315497	Tbx20	T-box 20
306617	Kbtbd11	kelch repeat and BTB (POZ) domain containing 11
304410	Gatsl2	GATS protein-like 2
296500	Dlx1	distal-less homeobox 1
286924	Gnat3	guanine nucleotide binding protein, alpha transducing 3
313339	Acer2	alkaline ceramidase 2
304786	Elk4	ELK4, ETS-domain protein (SRF accessory protein 1)
316326	Neurl3	neuralized E3 ubiquitin protein ligase 3
498922	Cbln1	cerebellin 1 precursor
59319	Ambra1	autophagy/beclin 1 regulator 1
366568	Slc30a3	solute carrier family 30 (zinc transporter), member 3
301261	Enpp4	ectonucleotide pyrophosphatase/phosphodiesterase 4
308906	Trim5	tripartite motif-containing 5
305999	Nkx3-1	NK3 homeobox 1
499508	Zfyve16	zinc finger, FYVE domain containing 16
295588	Rnd3	Rho family GTPase 3
80881	Serp1	stress-associated endoplasmic reticulum protein 1
690516	Smurf1	SMAD specific E3 ubiquitin protein ligase 1
298867	Klhl29	kelch-like family member 29
297968	Akirin2	akirin 2
500876	LOC500876	LOC500876
307997	Hspa12a	heat shock protein 12A

25610	Csf3	colony stimulating factor 3 (granulocyte)
89803	Sfrp4	secreted frizzled-related protein 4
296603	Vav2	vav 2 guanine nucleotide exchange factor
689388	Ptx3	pentraxin 3, long
60341	Camkk1	calcium/calmodulin-dependent protein kinase kinase 1, alpha
500711	Ppp4r4	protein phosphatase 4, regulatory subunit 4
310097	Snx18	sorting nexin 18
79123	Asic1	acid-sensing (proton-gated) ion channel 1
367218	Runx2	runt-related transcription factor 2
301067	Slc25a38	solute carrier family 25, member 38
316241	Nfkbie	nuclear factor of kappa light polypeptide gene enhancer in B-cells inh
309478	Zfp518a	zinc finger protein 518A
361783	Zfp57	zinc finger protein 57
362424	Tmem72	transmembrane protein 72
362279	Pard6b	par-6 family cell polarity regulator beta
85272	Bmp7	bone morphogenetic protein 7
287479	Shpk	sedoheptulokinase
287106	Prss30	protease, serine, 30
296370	Ctsa	cathepsin A
365865	Pip5k1a	phosphatidylinositol-4-phosphate 5-kinase, type 1, alpha
100151767	LOC100151767	hypothetical LOC100151767
29140	Snn	stannin
308482	Zfp84	zinc finger protein 84
300724	Fbxo22	F-box protein 22
29591	Tgfbr1	transforming growth factor, beta receptor 1
84588	Cldn11	claudin 11
314683	Tcp11l2	t-complex 11, testis-specific-like 2
313878	Galnt14	polypeptide N-acetylgalactosaminyltransferase 14
191571	Fat3	FAT atypical cadherin 3
364073	Ddx3y	DEAD (Asp-Glu-Ala-Asp) box helicase 3, Y-linked
25624	Vamp1	vesicle-associated membrane protein 1
494321	Fam115e	family with sequence similarity 115, member E
500989	Zfp259	zinc finger protein 259
309387	Cnnm1	cyclin and CBS domain divalent metal cation transport mediator 1
310250	Zfhx4	zinc finger homeobox 4
304063	Ets2	v-ets avian erythroblastosis virus E26 oncogene homolog 2
64012	Rad50	RAD50 homolog (<i>S. cerevisiae</i>)
288752	B3gnt4	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 4
288321	Rbm11	RNA binding motif protein 11
500392	Mcmcdc2	minichromosome maintenance domain containing 2
302920	Rbfox1	RNA binding protein, fox-1 homolog (<i>C. elegans</i>) 1
24212	Atp1a2	ATPase, Na ⁺ /K ⁺ transporting, alpha 2 polypeptide
500244	Aak1	AP2 associated kinase 1
54319	Ezr	ezrin
298549	Mtfr1l	mitochondrial fission regulator 1-like
306011	Piwi2	piwi-like RNA-mediated gene silencing 2
89805	Angpt2	angiopoietin 2
499349	Fgfbp3	fibroblast growth factor binding protein 3

25517 Pou1f1	POU class 1 homeobox 1
24772 Cxcl12	chemokine (C-X-C motif) ligand 12
304947 Pbx1	pre-B-cell leukemia homeobox 1
315949 Armc8	armadillo repeat containing 8
84398 Cd93	CD93 molecule
310864 Manba	mannosidase, beta A, lysosomal
306261 Eaf1	ELL associated factor 1

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ID	SYMBOL	NAME
	5265.0	
	29211 Sptbn2	spectrin, beta, non-erythrocytic 2
	50563 Gja5	gap junction protein, alpha 5
	25402 Casp3	caspase 3
	24620 Reg3g	regenerating islet-derived 3 gamma
	81869 Gstm7	glutathione S-transferase, mu 7
	296851 Pon2	paraoxonase 2
	295455 Slc39a8	solute carrier family 39 (zinc transporter), member 8
	362973 Parvb	parvin, beta
	81507 Bmpr1a	bone morphogenetic protein receptor, type IA
	66015 Adamts4	ADAM metalloproteinase with thrombospondin type 1 motif, 4
	307868 Mon1b	MON1 secretory trafficking family member B
	292138 Eno4	enolase family member 4
	360492 Hn1l	hematological and neurological expressed 1-like
	83580 Thbd	thrombomodulin
	304655 Zswim4	zinc finger, SWIM-type containing 4
	311210 Tspan18	tetraspanin 18
	317675 Tph2	tryptophan hydroxylase 2
	310395 Ccrn4l	CCR4 carbon catabolite repression 4-like (<i>S. cerevisiae</i>)
	266813 Prrx1	paired related homeobox 1
	29632 Hsd3b6	hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delt
	361401 Pla2g15	phospholipase A2, group XV
	361881 Zbed3	zinc finger, BED-type containing 3
	303375 Rad51d	RAD51 paralog D
	310086 Mier3	mesoderm induction early response 1, family member 3
	360983 Lgalsl	lectin, galactoside-binding-like
	307838 Chst4	carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 4
	288908 Cc2d1a	coiled-coil and C2 domain containing 1A
	287564 Tmem132e	transmembrane protein 132E
	310207 Sema5a	sema domain, seven thrombospondin repeats (type 1 and type 1
	309380 Loxl4	lysyl oxidase-like 4
	362368 Ggct	gamma-glutamyl cyclotransferase
	313545 Tmem125	transmembrane protein 125
	24771 Sdc4	syndecan 4
	292462 Lrp11	low density lipoprotein receptor-related protein 11
	362324 Mios	missing oocyte, meiosis regulator, homolog (<i>Drosophila</i>)
	294508 Pald1	phosphatase domain containing, paladin 1
	307759 Gpt2	glutamic pyruvate transaminase (alanine aminotransferase) 2
	305464 Depdc5	DEP domain containing 5
	497960 Fam222b	family with sequence similarity 222, member B
	691066 Tm4sf20	transmembrane 4 L six family member 20
	116490 Snai1	snail family zinc finger 1
	114856 Dusp1	dual specificity phosphatase 1
	24379 Gad1	glutamate decarboxylase 1
	303000 Capn15	calpain 15
	316101 Limd1	LIM domains containing 1

294324	Agpat3	1-acylglycerol-3-phosphate O-acyltransferase 3
308999	Fbxl19	F-box and leucine-rich repeat protein 19
361815	Rnf8	ring finger protein 8, E3 ubiquitin protein ligase
364838	Reep5	receptor accessory protein 5
25367	Adarb1	adenosine deaminase, RNA-specific, B1
24499	Il6r	interleukin 6 receptor
685144	Sec24c	SEC24 family member C
362416	Rpusd3	RNA pseudouridylate synthase domain containing 3
24805	Syt2	synaptotagmin II
361103	Zmiz1	zinc finger, MIZ-type containing 1
25716	Syt1	synaptotagmin I
289034	Tmem183a	transmembrane protein 183A
29573	Slc37a4	solute carrier family 37 (glucose-6-phosphate transporter), mem
79209	Frk	fyn-related Src family tyrosine kinase
100158232	Zfp9	zinc finger protein 9
246282	Zfp91	zinc finger protein 91
24851	Tpm1	tropomyosin 1, alpha
363002	Smarcd1	SWI/SNF related, matrix associated, actin dependent regulator c
304885	Fam20b	family with sequence similarity 20, member B
287935	RGD1308065	hypothetical LOC287935
59103	Ptges	prostaglandin E synthase
292090	Galnt2	polypeptide N-acetylgalactosaminyltransferase 2
298091	Slc31a2	solute carrier family 31 (copper transporter), member 2
654482	LOC654482	hypothetical protein LOC654482
306941	leucine rich rep	Lrrc16a
362491	Ripk2	receptor-interacting serine-threonine kinase 2
117048	Cdh17	cadherin 17
301086	Xcr1	chemokine (C motif) receptor 1
289175	Slc19a2	solute carrier family 19 (thiamine transporter), member 2
287633	Lrrc59	leucine rich repeat containing 59
308667	Nipa2	non imprinted in Prader-Willi/Angelman syndrome 2
500036	Ppp1r3a	protein phosphatase 1, regulatory subunit 3A
24708	Rb1	retinoblastoma 1
291955	Ces4a	carboxylesterase 4A
302920	Rbfox1	RNA binding protein, fox-1 homolog (C. elegans) 1
296787	Sema3c	sema domain, immunoglobulin domain (Ig), short basic domain,
304816	Lmod1	leiomodrin 1 (smooth muscle)
54297	Rgs8	regulator of G-protein signaling 8
500233	Exoc6b	exocyst complex component 6B
25478	Man2a1	mannosidase, alpha, class 2A, member 1
314472	Tmem179	transmembrane protein 179
63889	Ptgdr1	prostaglandin D2 receptor
363243	Klf7	Kruppel-like factor 7 (ubiquitous)
311311	Meis2	Meis homeobox 2
314596	Rasal3	RAS protein activator like 3
291309	Usp6nl	USP6 N-terminal like
288447	Uspl1	ubiquitin specific peptidase like 1
116693	Cyth3	cytohesin 3

300320	L3mbtl2	l(3)mbt-like 2 (Drosophila)
300173	Gxylt1	glucoside xylosyltransferase 1
315259	Prickle1	prickle homolog 1 (Drosophila)
299180	Med6	mediator complex subunit 6
317161	Mospd4	motile sperm domain containing 4
290046	Hnrnpc	heterogeneous nuclear ribonucleoprotein C
24785	Slc9a4	solute carrier family 9, subfamily A (NHE4, cation proton antipor

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ID	SYMBOL	NAME
	5037.0	
685781	Ddr2	discoidin domain receptor tyrosine kinase 2
300838	Tmod3	tropomodulin 3
306790	Sema4d	sema domain, immunoglobulin domain (Ig), transmembrane domain
24718	Reln	reelin
304023	St3gal6	ST3 beta-galactoside alpha-2,3-sialyltransferase 6
309888	Sim1	single-minded family bHLH transcription factor 1
83825	Dclk1	doublecortin-like kinase 1
498281	Pvrl4	poliovirus receptor-related 4
25600	Utrn	utrophin
289992	Fermt2	fermitin family member 2
64469	Slc30a4	solute carrier family 30 (zinc transporter), member 4
306375	Csgalnact1	chondroitin sulfate N-acetylgalactosaminyltransferase 1
300359	Ccdc82	coiled-coil domain containing 82
29456	Map1b	microtubule-associated protein 1B
25739	Pygb	phosphorylase, glycogen; brain
83627	Galnt5	polypeptide N-acetylgalactosaminyltransferase 5
304193	Arhgef18	rho/rac guanine nucleotide exchange factor (GEF) 18
299897	Trps1	trichorhinophalangeal syndrome I
25738	Plcg1	phospholipase C, gamma 1
308899	Mrvi1	murine retrovirus integration site 1 homolog
361272	Dhtkd1	dehydrogenase E1 and transketolase domain containing 1
171525	Polk	polymerase (DNA directed) kappa
311901	Lhx6	LIM homeobox 6
282838	Gm2a	GM2 ganglioside activator
306257	Bap1	BRCA1 associated protein-1 (ubiquitin carboxy-terminal hydrolase)
500526	Mknk1	MAP kinase-interacting serine/threonine kinase 1
365684	Paip1	poly(A) binding protein interacting protein 1
305031	Brox	BRO1 domain and CAAX motif containing
368062	Ankib1	ankyrin repeat and IBR domain containing 1
298019	Ctnnal1	catenin (cadherin associated protein), alpha-like 1
294809	Adamts12	ADAM metallopeptidase with thrombospondin type 1 motif, 12
79220	Grid2	glutamate receptor, ionotropic, delta 2
498100	Mb21d2	Mab-21 domain containing 2
170899	Kcnk2	potassium channel, subfamily K, member 2
310745	Dclre1b	DNA cross-link repair 1B
286928	Abi2	abl-interactor 2
360764	Zfp655	zinc finger protein 655
296182	Tmx4	thioredoxin-related transmembrane protein 4
306009	Slc39a14	solute carrier family 39 (zinc transporter), member 14
364837	Gypc	glycophorin C (Gerbich blood group)
498301	Wdr26	WD repeat domain 26
364033	Vamp4	vesicle-associated membrane protein 4
362336	Fam180a	family with sequence similarity 180, member A
727679	Pdpx	pyridoxal (pyridoxine, vitamin B6) phosphatase
685756	Tmem229a	transmembrane protein 229A

291309	Usp6nl	USP6 N-terminal like
252915	Mxd3	Max dimerization protein 3
291914	Cnep1r1	CTD nuclear envelope phosphatase 1 regulatory subunit 1
498418	Wdr92	WD repeat domain 92
312381	Ppm1k	protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent, 1K
117556	Sv2b	synaptic vesicle glycoprotein 2b
296179	Fermt1	fermitin family member 1
500947	Vstm5	V-set and transmembrane domain containing 5
171528	Gzmb	granzyme B (granzyme 2, cytotoxic T-lymphocyte-associated serine
314981	Col14a1	collagen, type XIV, alpha 1
365410	Osbp	oxysterol binding protein
314788	RGD1307947	similar to RIKEN cDNA C430008C19
295395	Rtcd1	RNA terminal phosphate cyclase domain 1
288257	Donson	downstream neighbor of SON
289584	Usp46	ubiquitin specific peptidase 46
299864	Ebag9	estrogen receptor binding site associated, antigen, 9
303878	Ubxn7	UBX domain protein 7
296624	Dolpp1	dolichyldiphosphatase 1
363735	Gabpa	GA binding protein transcription factor, alpha subunit
81661	Gmfb	glia maturation factor, beta
361261	Ccny	cyclin Y
313488	Reck	reversion-inducing-cysteine-rich protein with kazal motifs
499624	Tsc22d2	TSC22 domain family, member 2
24318	Drd2	dopamine receptor D2
289736	Morc2	MORC family CW-type zinc finger 2
294053	Ccnj	cyclin J
306492	Cnot7	CCR4-NOT transcription complex, subunit 7
298184	Zdhhc21	zinc finger, DHHC-type containing 21
292537	Oscar	osteoclast associated, immunoglobulin-like receptor
688717	Slirp	SRA stem-loop interacting RNA binding protein
303439	Mmd	monocyte to macrophage differentiation-associated
282712	Slc6a15	solute carrier family 6 (neutral amino acid transporter), member 15
25495	Nog	noggin
294799	Brix1	BRX1, biogenesis of ribosomes, homolog (<i>S. cerevisiae</i>)
304376	Nyap1	neuronal tyrosine-phosphorylated phosphoinositide-3-kinase adapt
140940	Arf3	ADP-ribosylation factor 3
308690	Ndn	necdin, melanoma antigen (MAGE) family member
310533	Rapgef2	Rap guanine nucleotide exchange factor (GEF) 2
311730	Gpr155	G protein-coupled receptor 155
308918	Ppfibp2	PTPRF interacting protein, binding protein 2 (liprin beta 2)
361051	Phf11	PHD finger protein 11
361230	Tmem170b	transmembrane protein 170B
311549	Xkr7	XK, Kell blood group complex subunit-related family, member 7
690586	Ankrd40	ankyrin repeat domain 40
313323	Psip1	PC4 and SFRS1 interacting protein 1
65033	Stx12	syntaxin 12
293408	Hbs1l	HBS1-like translational GTPase
406167	Prrt1	proline-rich transmembrane protein 1

81636 Adcy2	adenylate cyclase 2 (brain)
500551 S100pbp	S100P binding protein
365841 Slc25a44	solute carrier family 25, member 44
363266 Agfg1	ArfGAP with FG repeats 1
100125361 Zfp867	zinc finger protein 867
305830 Fbxo34	F-box protein 34
362261 Lpin3	lipin 3
311071 Zeb2	zinc finger E-box binding homeobox 2
25705 Zeb1	zinc finger E-box binding homeobox 1

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ID	SYMBOL	NAME
	4604.0	
	301434 Clk1	CDC-like kinase 1
	64531 Synj2bp	synaptojanin 2 binding protein
	498823 Ankrd29	ankyrin repeat domain 29
	296580 Camsap1	calmodulin regulated spectrin-associated protein 1
	29517 Sgk1	serum/glucocorticoid regulated kinase 1
	360950 Wdr1	WD repeat domain 1
	54349 Aox1	aldehyde oxidase 1
	65183 Aldh3a2	aldehyde dehydrogenase 3 family, member A2
	499856 Fibin	fin bud initiation factor homolog (zebrafish)
	65166 Sec11a	SEC11 homolog A (<i>S. cerevisiae</i>)
	499506 Ankrd34b	ankyrin repeat domain 34B
	114121 Ccn1	cyclin L1
	289595 Nfx1	nuclear transcription factor, X-box binding-like 1
	307810 Esrp2	epithelial splicing regulatory protein 2
	290722 Cep44	centrosomal protein 44
	306328 Med26	mediator complex subunit 26
	313053 Ythdf2	YTH domain family, member 2
	296076 Srp14	signal recognition particle 14
	287638 Dlx3	distal-less homeobox 3
	360834 Vps4b	vacuolar protein sorting 4 homolog B (<i>S. cerevisiae</i>)
	298065 Tex10	testis expressed 10
	297498 Crbn	cereblon
	303968 Ift57	intraflagellar transport 57
	313837 RGD1562284	similar to Glutamyl-peptide cyclotransferase precursor (QC)
	24908 Dnajb9	DnaJ (Hsp40) homolog, subfamily B, member 9
	316351 Npas2	neuronal PAS domain protein 2
	117553 Uba3	ubiquitin-like modifier activating enzyme 3
	362778 Gskip	GSK3B interacting protein
	303953 Abhd10	abhydrolase domain containing 10
	498350 LOC498350	similar to testicular haploid expressed gene product isoform 2
	498741 Mboat1	membrane bound O-acyltransferase domain containing 1
	289717 Tada2b	transcriptional adaptor 2B
100233213	Fam196a	family with sequence similarity 196, member A
	312511 RGD1306746	similar to Hypothetical protein MGC25529
	298787 Memo1	mediator of cell motility 1
	309478 Zfp518a	zinc finger protein 518A
	170819 Il24	interleukin 24
	306974 Zfp192	zinc finger protein 192
	116477 Wnk1	WNK lysine deficient protein kinase 1
	304410 Gatsl2	GATS protein-like 2
	114839 Ccnc	cyclin C
	60577 Slc15a2	solute carrier family 15 (oligopeptide transporter), member 2
	80338 Zbtb10	zinc finger and BTB domain containing 10
	362329 Impdh1	IMP (inosine 5'-monophosphate) dehydrogenase 1
	365793 Rab33b	RAB33B, member RAS oncogene family

362171 Prr5l	proline rich 5 like
362804 Cwf19l2	CWF19-like 2, cell cycle control (<i>S. pombe</i>)
81655 Dync1li2	dynein, cytoplasmic 1 light intermediate chain 2
316742 Tgif1	TGFB-induced factor homeobox 1
29430 Hap1	huntingtin-associated protein 1
64521 Tspan2	tetraspanin 2
24703 Raf1	v-raf-leukemia viral oncogene 1
295061 Tm4sf1	transmembrane 4 L six family member 1
300813 Rnf111	ring finger protein 111
688495 Smim7	small integral membrane protein 7
291936 Hhip	Hedgehog-interacting protein
295053 Spg20	spastic paraplegia 20 (Troyer syndrome)
27080 Hbp1	HMG-box transcription factor 1
685472 Lrrtm2	leucine rich repeat transmembrane neuronal 2
362185 Mpped2	metallophosphoesterase domain containing 2
683626 Lbh	limb bud and heart development
690300 Cox11	cytochrome c oxidase assembly homolog 11 (yeast)
297554 Csgalnact2	chondroitin sulfate N-acetylgalactosaminyltransferase 2
292999 Chsy1	chondroitin sulfate synthase 1
312563 Prickle2	prickle homolog 2 (<i>Drosophila</i>)
308589 Sphk2	sphingosine kinase 2
84550 Slc24a2	solute carrier family 24 (sodium/potassium/calcium exchanger),
288654 Mphosph9	M-phase phosphoprotein 9
365024 Chmp1a	charged multivesicular body protein 1A
25708 Ucp3	uncoupling protein 3 (mitochondrial, proton carrier)
290623 Cyp4f18	cytochrome P450, family 4, subfamily f, polypeptide 18
311730 Gpr155	G protein-coupled receptor 155
314453 Wdr20	WD repeat domain 20
25343 Pdc	phosducin
301346 Sema4c	sema domain, immunoglobulin domain (Ig), transmembrane do
303378 Slfn13	schlafen family member 13
368062 Ankib1	ankyrin repeat and IBR domain containing 1
308761 Prc1	protein regulator of cytokinesis 1
307302 Cep120	centrosomal protein 120
81813 Klf10	Kruppel-like factor 10
362849 March2	membrane-associated ring finger (C3HC4) 2, E3 ubiquitin protei
291314 Sephs1	selenophosphate synthetase 1
306436 Fbxo8	F-box protein 8
498335 Cxcl13	chemokine (C-X-C motif) ligand 13
287954 Dgcr8	DiGeorge syndrome critical region gene 8
64823 Csnk1g3	casein kinase 1, gamma 3
363662 Bcas3	breast carcinoma amplified sequence 3
360917 Cnot6l	CCR4-NOT transcription complex, subunit 6-like
316775 Ankrd12	ankyrin repeat domain 12
78956 Scn9a	sodium channel, voltage-gated, type IX, alpha subunit
298091 Slc31a2	solute carrier family 31 (copper transporter), member 2
171086 Trak2	trafficking protein, kinesin binding 2
688581 Elmod2	ELMO/CED-12 domain containing 2

305269	Stap1	signal transducing adaptor family member 1
117513	Sec22a	SEC22 vesicle trafficking protein homolog A (<i>S. cerevisiae</i>)
303274	Phf12	PHD finger protein 12
288105	Zbtb20	zinc finger and BTB domain containing 20
171432	Tmem14c	transmembrane protein 14C
64152	Chp1	calcineurin-like EF-hand protein 1
286988	Pnrc1	proline-rich nuclear receptor coactivator 1

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ID	SYMBOL	NAME
	4575.0	
360627	Fkbp10	FK506 binding protein 10
289623	Ube2k	ubiquitin-conjugating enzyme E2K
298792	Ypel5	yippee-like 5 (Drosophila)
289934	Oxsm	3-oxoacyl-ACP synthase, mitochondrial
25099	Foxa2	forkhead box A2
266771	Vom1r90	vomer nasal 1 receptor 90
500288	Thumpd3	THUMP domain containing 3
83792	Scd	stearoyl-CoA desaturase (delta-9-desaturase)
29150	Matr3	matrin 3
502727	RGD1563349	similar to RIKEN cDNA 9330182L06
287561	Ccl7	chemokine (C-C motif) ligand 7
100322884	Nemf	nuclear export mediator factor
310034	Rad17	RAD17 homolog (S. pombe)
114111	Vegfc	vascular endothelial growth factor C
25393	Bcan	brevican
300989	Hemk1	HemK methyltransferase family member 1
306886	Ripk1	receptor (TNFRSF)-interacting serine-threonine kinase 1
361705	Cnih2	cornichon family AMPA receptor auxiliary protein 2
81663	Gna12	guanine nucleotide binding protein (G protein) alpha 12
361063	Entpd4	ectonucleoside triphosphate diphosphohydrolase 4
553106	Ncald	neurocalcin delta
365972	Bhmt2	betaine-homocysteine S-methyltransferase 2
50719	Slc7a5	solute carrier family 7 (amino acid transporter light chain, L system), n
313861	Eml4	echinoderm microtubule associated protein like 4
291793	Abhd3	abhydrolase domain containing 3
314180	Mdga2	MAM domain containing glycosylphosphatidylinositol anchor 2
84398	Cd93	CD93 molecule
297554	Csgalnact2	chondroitin sulfate N-acetylgalactosaminyltransferase 2
361495	Usp29	ubiquitin specific peptidase 29
299897	Trps1	trichorhinophalangeal syndrome I
303480	Hoxb13	homeo box B13
361541	Proser3	proline and serine rich 3
29366	Serpine2	Serpine2 serpin peptidase inhibitor, clade E (nexin, plasminogen activator
362521	Tmem38b	transmembrane protein 38B
304799	Ppp1r15b	protein phosphatase 1, regulatory subunit 15B
113975	Pom121	POM121 transmembrane nucleoporin
309041	Thumpd1	THUMP domain containing 1
309156	Bbs1	Bardet-Biedl syndrome 1
678743	Tll1	tolloid-like 1
246074	Scd1	stearoyl-Coenzyme A desaturase 1
293452	Palb2	partner and localizer of BRCA2
114628	Abcg5	ATP-binding cassette, subfamily G (WHITE), member 5
313131	Rngtt	RNA guanylyltransferase and 5'-phosphatase
288937	Serpinb8	serpin peptidase inhibitor, clade B (ovalbumin), member 8
296349	Ttpal	tocopherol (alpha) transfer protein-like

364634 Csmd1	CUB and Sushi multiple domains 1
64027 Bspry	B-box and SPRY domain containing
303968 Ift57	intraflagellar transport 57
300813 Rnf111	ring finger protein 111
304103 Olig2	oligodendrocyte lineage transcription factor 2
65261 Myo1c	myosin IC
60355 Nsf	N-ethylmaleimide-sensitive factor
289084 RGD1309104	similar to RIKEN cDNA 1700025G04 gene
84586 Fgl2	fibrinogen-like 2
170699 Atp2c1	ATPase, Ca ⁺⁺ transporting, type 2C, member 1
499417 Sumo3	small ubiquitin-like modifier 3
114764 Mapre1	microtubule-associated protein, RP/EB family, member 1
690195 Prima1	proline rich membrane anchor 1
361384 Dnajb1	DnaJ (Hsp40) homolog, subfamily B, member 1
314787 Cep290	centrosomal protein 290
363578 Havcr2	hepatitis A virus cellular receptor 2
317385 Fus	fused in sarcoma RNA binding protein
312077 Golga3	golgin A3
360661 Llg12	lethal giant larvae homolog 2 (Drosophila)
311713 Mrgbp	MRG/MORF4L binding protein
309326 Ranbp6	RAN binding protein 6
29263 Acvr2a	activin A receptor, type IIA
310785 Wdr47	WD repeat domain 47
299197 Arel1	apoptosis resistant E3 ubiquitin protein ligase 1
29140 Snn	stannin
117104 Ppp2r2a	protein phosphatase 2, regulatory subunit B, alpha
309532 Atad1	ATPase family, AAA domain containing 1
503252 Coa5	cytochrome C oxidase assembly factor 5
308390 Fkrp	fukutin related protein
309758 Herc4	HECT and RLD domain containing E3 ubiquitin protein ligase 4
360602 Luc7l3	LUC7-like 3 (<i>S. cerevisiae</i>)
499929 Tgif2	TGFB-induced factor homeobox 2
290467 Slitrk6	SLIT and NTRK-like family, member 6
64155 Scn7a	sodium channel, voltage-gated, type VII, alpha subunit
316406 RGD1306941	similar to CG31122-PA
300173 Gxylt1	glucoside xylosyltransferase 1
685472 Lrrtm2	leucine rich repeat transmembrane neuronal 2
296851 Pon2	paraoxonase 2
29216 Lrp2	low density lipoprotein receptor-related protein 2
65180 Kcnd2	potassium voltage-gated channel, Shal-related subfamily, member 2
680668 Tpk1	thiamin pyrophosphokinase 1
502901 Clec9a	C-type lectin domain family 9, member A
361729 Cyb561a3	cytochrome b561 family, member A3
58921 Foxm1	forkhead box M1
289881 Dr1	down-regulator of transcription 1
56718 Mtor	mechanistic target of rapamycin (serine/threonine kinase)
498831 RGD1562608	similar to KIAA1328 protein
155192 Abcg8	ATP-binding cassette, subfamily G (WHITE), member 8

288108	Naa50	N(alpha)-acetyltransferase 50, NatE catalytic subunit
307487	Pcdhb21	protocadherin beta 21
84481	Arid4b	AT rich interactive domain 4B (Rbp1 like)
83803	Prkab1	protein kinase, AMP-activated, beta 1 non-catalytic subunit
79428	Luzp1	leucine zipper protein 1
313156	Lingo2	leucine rich repeat and Ig domain containing 2
171109	Dusp5	dual specificity phosphatase 5

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ID	SYMBOL	NAME
	2443.5	
294254	Hspa1b	heat shock 70kD protein 1B (mapped)
494204	Ly49i4	Ly49 inhibitory receptor 4
313477	Zfyve9	zinc finger, FYVE domain containing 9
312477	Dok1	docking protein 1
310250	Zfhx4	zinc finger homeobox 4
303671	Fads6	fatty acid desaturase 6
65218	Agap2	ArfGAP with GTPase domain, ankyrin repeat and PH domain 2
498416	Grb10	growth factor receptor bound protein 10
300860	Senp6	SUMO1/sentrin specific peptidase 6
293701	Esrra	estrogen related receptor, alpha
309859	Scml4	sex comb on midleg-like 4 (Drosophila)
65038	Inpp1	inositol polyphosphate phosphatase-like 1
314647	Celf5	CUGBP, Elav-like family member 5
292999	Chsy1	chondroitin sulfate synthase 1
25700	Ide	insulin degrading enzyme
313507	Tal1	T-cell acute lymphocytic leukemia 1
498281	Pvrl4	poliovirus receptor-related 4
81503	Cxcl1	chemokine (C-X-C motif) ligand 1
294065	Kcnv2	potassium channel, subfamily V, member 2
314751	Tmcc3	transmembrane and coiled-coil domain family 3
296370	Ctsa	cathepsin A
286981	Vom2r32	vomer nasal 2 receptor, 32
362923	Efr3a	EFR3 homolog A (<i>S. cerevisiae</i>)
287670	Psmd3	proteasome (prosome, macropain) 26S subunit, non-ATPase, 3
306229	Dennd6a	DENN/MADD domain containing 6A
24174	Adra2b	adrenoceptor alpha 2B
362861	Slc41a2	solute carrier family 41 (magnesium transporter), member 2
362979	Panx2	pannexin 2
315891	RGD1309079	similar to Ab2-095
304941	Pogk	pogo transposable element with KRAB domain
298528	Epha10	EPH receptor A10
289521	Ankrd17	ankyrin repeat domain 17
294513	Dnajb12	DnaJ (Hsp40) homolog, subfamily B, member 12
500112	Gimap8	GTPase, IMAP family member 8
171179	Glyat12	glycine-N-acyltransferase-like 2
25255	Dyrk1a	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1A
81919	Fut1	fucosyltransferase 1
29591	Tgfb1	transforming growth factor, beta receptor 1
300754	Bbs4	Bardet-Biedl syndrome 4
361668	Ebf3	early B-cell factor 3
310780	Gpr61	G protein-coupled receptor 61
308939	Ipo7	importin 7
315949	Armc8	armadillo repeat containing 8
315851	Elovl4	ELOVL fatty acid elongase 4
296182	Tmx4	thioredoxin-related transmembrane protein 4

25427 Cyp51	cytochrome P450, family 51
367242 Rab23	RAB23, member RAS oncogene family
24356 Ets1	v-ets avian erythroblastosis virus E26 oncogene homolog 1
113955 Gpnmb	glycoprotein (transmembrane) nmb
308051 Rnf146	ring finger protein 146
192229 Cep19	centrosomal protein 19
305310 Slain2	SLAIN motif family, member 2
501005 Cplx3	complexin 3
309922 Rhobtb3	Rho-related BTB domain containing 3
296344 Mybl2	myeloblastosis oncogene-like 2
291534 Rnmt	RNA (guanine-7-) methyltransferase
308113 Cnksr3	Cnksr family member 3
300474 Adamts15	ADAM metalloproteinase with thrombospondin type 1 motif, 15
29263 Acvr2a	activin A receptor, type IIA
65168 Scamp2	secretory carrier membrane protein 2
362093 Wdr5	WD repeat domain 5
298936 Sntg2	syntrophin, gamma 2
287656 Mrpl45	mitochondrial ribosomal protein L45
24415 Grm2	glutamate receptor, metabotropic 2
305625 Mfsd7	major facilitator superfamily domain containing 7
305291 Srd5a3	steroid 5 alpha-reductase 3
338477 Sla	src-like adaptor
140734 Dynll2	dynein light chain LC8-type 2
307178 Arhgap21	Rho GTPase activating protein 21
298859 Dnajc27	DnaJ (Hsp40) homolog, subfamily C, member 27
301618 Ppp1r7	protein phosphatase 1, regulatory subunit 7
308918 Ppfbp2	PTPRF interacting protein, binding protein 2 (liprin beta 2)
296372 Ncoa5	nuclear receptor coactivator 5
361814 Srsf3	serine/arginine-rich splicing factor 3
361554 Lsm14a	LSM14A, SCD6 homolog A (<i>S. cerevisiae</i>)
83529 Vdac1	voltage-dependent anion channel 1
301086 Xcr1	chemokine (C motif) receptor 1
310448 Igsf10	immunoglobulin superfamily, member 10
304547 Tchp	trichoplein, keratin filament binding
116477 Wnk1	WNK lysine deficient protein kinase 1
25620 Crem	cAMP responsive element modulator
287185 Foxi1	forkhead box I1
252860 Zfp394	zinc finger protein 394
171458 Ipmk	inositol polyphosphate multikinase
311549 Xkr7	XK, Kell blood group complex subunit-related family, member 7
308420 Zfp112	zinc finger protein 112
313729 Errfi1	ERBB receptor feedback inhibitor 1
24416 Grm3	glutamate receptor, metabotropic 3
25012 Snap25	synaptosomal-associated protein 25
54289 Rgs1	regulator of G-protein signaling 1
288025 Hrasls	HRAS-like suppressor
499360 Fam178a	family with sequence similarity 178, member A
29513 Mapk13	mitogen activated protein kinase 13

24212 Atp1a2	ATPase, Na ⁺ /K ⁺ transporting, alpha 2 polypeptide
308384 Sae1	SUMO1 activating enzyme subunit 1
54312 Timm23	translocase of inner mitochondrial membrane 23 homolog (yeast)
306347 Ell	elongation factor RNA polymerase II
685826 Rprml	reprimo-like
83526 Atrn	attractin
294799 Brix1	BRX1, biogenesis of ribosomes, homolog (<i>S. cerevisiae</i>)

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ID	SYMBOL	NAME
	5474.5	
56759	Rnase4	ribonuclease, RNase A family 4
259233	Gpx6	glutathione peroxidase 6
140923	Bnip3l	BCL2/adenovirus E1B interacting protein 3-like
25706	Cckbr	cholecystokinin B receptor
81819	Pax8	paired box 8
117524	Ccnf	cyclin F
29480	Rgs4	regulator of G-protein signaling 4
312373	Nt5c3a	5'-nucleotidase, cytosolic IIIA
296461	Osbpl2	oxysterol binding protein-like 2
363136	Tmem115	transmembrane protein 115
685374	Ankrd13c	ankyrin repeat domain 13C
29602	Ptgrn	prostaglandin F2 receptor inhibitor
498840	Tmem173	transmembrane protein 173
311598	Fam83d	family with sequence similarity 83, member D
287159	Pigq	phosphatidylinositol glycan anchor biosynthesis, class Q
316395	Hecw2	HECT, C2 and WW domain containing E3 ubiquitin protein ligase 2
309142	Mtl5	metallothionein-like 5, testis-specific (tesmin)
79244	Hsd17b4	hydroxysteroid (17-beta) dehydrogenase 4
296753	Srpk2	SRSF protein kinase 2
364837	Gypc	glycophorin C (Gerbich blood group)
304474	Pitpnm2	phosphatidylinositol transfer protein, membrane-associated 2
60379	Col5a3	collagen, type V, alpha 3
81708	Aldh6a1	aldehyde dehydrogenase 6 family, member A1
307124	Camk1d	calcium/calmodulin-dependent protein kinase ID
360994	Chac2	ChaC, cation transport regulator homolog 2 (E. coli)
287927	Ube2v2	ubiquitin-conjugating enzyme E2 variant 2
293098	Tmem135	transmembrane protein 135
361677	Tollip	toll interacting protein
314467	Rd3l	retinal degeneration 3-like
304799	Ppp1r15b	protein phosphatase 1, regulatory subunit 15B
295922	Mtch2	mitochondrial carrier 2
288154	Hoxd13	homeo box D13
25482	Mras	muscle RAS oncogene homolog
288264	Ifnar1	interferon (alpha, beta and omega) receptor 1
289084	RGD1309104	similar to RIKEN cDNA 1700025G04 gene
498030	Anapc11	anaphase promoting complex subunit 11
295691	Frzb	frizzled-related protein
299347	Brf1	BRF1, RNA polymerase III transcription initiation factor 90 subunit
366792	Mettl7b	methyltransferase like 7B
192178	Tnrc6b	trinucleotide repeat containing 6B
366029	Zbtb6	zinc finger and BTB domain containing 6
85267	Slc24a3	solute carrier family 24 (sodium/potassium/calcium exchanger), member
313978	E2f6	E2F transcription factor 6
305455	Nelfa	negative elongation factor complex member A
310640	Fam189b	family with sequence similarity 189, member B

304315	Ttyh3	tweety family member 3
498351	Srp72	signal recognition particle 72
291075	Eci2	enoyl-CoA delta isomerase 2
361626	Tmem41b	transmembrane protein 41B
287598	Ska2	spindle and kinetochore associated complex subunit 2
24654	Plcb1	phospholipase C, beta 1 (phosphoinositide-specific)
84600	Rag1	recombination activating gene 1
286990	Tox4	TOX high mobility group box family member 4
81754	Rab1a	RAB1A, member RAS oncogene family
304851	Trmt1l	tRNA methyltransferase 1-like
361627	Zfp143	zinc finger protein 143
117107	Zbtb7a	zinc finger and BTB domain containing 7a
305478	Rnf215	ring finger protein 215
366013	Coq4	coenzyme Q4
497083	Xkr5	XK, Kell blood group complex subunit-related family, member 5
291129	Nrsn1	neurensin 1
266759	Hspa4	heat shock protein 4
363783	Zdhhc23	zinc finger, DHHC-type containing 23
362590	Inpp5b	inositol polyphosphate-5-phosphatase B
298748	Ndufaf7	NADH dehydrogenase (ubiquinone) complex I, assembly factor 7
24215	Atp2b2	ATPase, Ca ⁺⁺ transporting, plasma membrane 2
361625	Nrip3	nuclear receptor interacting protein 3
291327	Mrc1	mannose receptor, C type 1
305391	Med28	mediator complex subunit 28
499846	Tcp11l1	t-complex 11, testis-specific-like 1
498823	Ankrd29	ankyrin repeat domain 29
296470	Pdpf	pancreatic progenitor cell differentiation and proliferation factor
171099	Rasd2	RASD family, member 2
303753	Foxk2	forkhead box K2
295326	Mab21l3	mab-21-like 3 (C. elegans)
304244	Fry	furry homolog (Drosophila)
310315	Ccdc39	coiled-coil domain containing 39
79246	Htr3a	5-hydroxytryptamine (serotonin) receptor 3A, ionotropic
688737	Gpr171	G protein-coupled receptor 171
362514	Tstd2	thiosulfate sulfurtransferase (rhodanese)-like domain containing 2
363627	Rnf222	ring finger protein 222
301086	Xcr1	chemokine (C motif) receptor 1
365213	Nanos2	nanos homolog 2 (Drosophila)
296349	Ttpal	tocopherol (alpha) transfer protein-like
300947	Tfdp2	transcription factor Dp-2 (E2F dimerization partner 2)
689364	Chmp1b	charged multivesicular body protein 1B
299730	Nedd1	neural precursor cell expressed, developmentally down-regulated 1
79435	Ube2d4	ubiquitin-conjugating enzyme E2D 4 (putative)
501841	Coro1c	coronin, actin binding protein 1C
306974	Zfp192	zinc finger protein 192
295230	Cct3	chaperonin containing Tcp1, subunit 3 (gamma)
499124	Zfp14	ZFP14 zinc finger protein
304941	Pogk	pogo transposable element with KRAB domain

315073	Jrk	jerky homolog (mouse)
691083	LOC691083	hypothetical protein LOC691083
362303	Klhl7	kelch-like family member 7
685072	Rarg	retinoic acid receptor, gamma
362979	Panx2	pannexin 2
308971	Tnrc6a	trinucleotide repeat containing 6a
84587	Plcl1	phospholipase C-like 1

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ID	SYMBOL	NAME
	5299.0	
292697	Apoc2	apolipoprotein C-II
192253	Myo16	myosin XVI
394266	Gjb2	gap junction protein, beta 2
363004	Prr13	proline rich 13
306974	Zfp192	zinc finger protein 192
298861	Ptrhd1	peptidyl-tRNA hydrolase domain containing 1
301235	Gltscr1l	GLTSCR1-like
57025	Adam15	ADAM metallopeptidase domain 15
689574	LOC689574	hypothetical protein LOC689574
363151	Ccdc12	coiled-coil domain containing 12
498154	LOC498154	hypothetical protein LOC498154
500040	Tes	testis derived transcript
296049	Emc4	ER membrane protein complex subunit 4
310641	Trim46	tripartite motif-containing 46
292759	Sars2	seryl-tRNA synthetase 2, mitochondrial
116490	Snai1	snail family zinc finger 1
65180	Kcnd2	potassium voltage-gated channel, Shal-related subfamily, member 2
360868	Sft2d2	SFT2 domain containing 2
365900	Alx3	ALX homeobox 3
307845	Mtss1l	metastasis suppressor 1-like
363781	Plcx2	phosphatidylinositol-specific phospholipase C, X domain containing
307016	Arhgap12	Rho GTPase activating protein 12
300675	Ift46	intraflagellar transport 46
315059	Trappc9	trafficking protein particle complex 9
300105	Ttl12	tubulin tyrosine ligase-like family, member 12
501841	Coro1c	coronin, actin binding protein 1C
498226	Pm20d1	peptidase M20 domain containing 1
499356	Blnk	B-cell linker
362188	Slc5a12	solute carrier family 5 (sodium/monocarboxylate cotransporter), member 12
29553	Kcnk3	potassium channel, subfamily K, member 3
64317	Gpx3	glutathione peroxidase 3
301026	Ngp	neutrophilic granule protein
312451	Tcf7l1	transcription factor 7-like 1 (T-cell specific, HMG-box)
59114	Slc9a3r1	solute carrier family 9, subfamily A (NHE3, cation proton antiporter)
497976	Rad51c	RAD51 paralog C
171411	Tmem176b	transmembrane protein 176B
309255	Mtmr10	myotubularin related protein 10
79557	Chrna1	cholinergic receptor, nicotinic, alpha 1 (muscle)
301516	Stk36	serine/threonine kinase 36
305482	Mtmr3	myotubularin related protein 3
301345	Cnm3	cyclin and CBS domain divalent metal cation transport mediator 3
292700	Ceacam16	carcinoembryonic antigen-related cell adhesion molecule 16
361836	Slc25a16	solute carrier family 25 (mitochondrial carrier), member 16
301563	Mff	mitochondrial fission factor
500065	Tspan33	tetraspanin 33

363198	Cenpq	centromere protein Q
361285	Mllt10	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, D
393087	Pcdha5	protocadherin alpha 5
297342	Elmod3	ELMO/CED-12 domain containing 3
114115	P2rx2	purinergic receptor P2X, ligand-gated ion channel, 2
293691	Snx15	sorting nexin 15
79123	Asic1	acid-sensing (proton-gated) ion channel 1
54260	Itpkb	inositol-trisphosphate 3-kinase B
363243	Klf7	Kruppel-like factor 7 (ubiquitous)
684980	Tsc22d4	TSC22 domain family, member 4
309626	Ring1	ring finger protein 1
60449	Gnb3	guanine nucleotide binding protein (G protein), beta polypeptide 3
362844	Brd4	bromodomain containing 4
500409	Esrp1	epithelial splicing regulatory protein 1
498133	Tex26	testis expressed 26
287954	Dgcr8	DiGeorge syndrome critical region gene 8
299699	Aldh1l2	aldehyde dehydrogenase 1 family, member L2
291966	Tppp3	tubulin polymerization-promoting protein family member 3
311569	Acss2	acyl-CoA synthetase short-chain family member 2
360646	Limd2	LIM domain containing 2
315216	Selo	selenoprotein O
315716	Cd276	Cd276 molecule
303293	Cyb5d2	cytochrome b5 domain containing 2
500133	Nod1	nucleotide-binding oligomerization domain containing 1
294408	Asf1a	anti-silencing function 1A histone chaperone
688405	Cdk2ap2	cyclin-dependent kinase 2 associated protein 2
60393	Sult1d1	sulfotransferase family 1D, member 1
286938	Gimap4	GTPase, IMAP family member 4
307645	Gpr114	G protein-coupled receptor 114
679934	Brk1	BRICK1, SCAR/WAVE actin-nucleating complex subunit
304825	Crb1	crumbs family member 1, photoreceptor morphogenesis associated
315550	Rpusd4	RNA pseudouridylate synthase domain containing 4
140473	Ackr2	atypical chemokine receptor 2
306562	Tacc1	transforming, acidic coiled-coil containing protein 1
296461	Osbpl2	oxysterol binding protein-like 2
312373	Nt5c3a	5'-nucleotidase, cytosolic IIIA
360627	Fkbp10	FK506 binding protein 10
100302405	Zfp958	zinc finger protein 958
287418	Arhgef15	Rho guanine nucleotide exchange factor (GEF) 15
29393	Col1a1	collagen, type I, alpha 1
311901	Lhx6	LIM homeobox 6
24854	Clu	clusterin
114100	Sc5d	sterol-C5-desaturase
360549	Plscr3	phospholipid scramblase 3
292999	Chsy1	chondroitin sulfate synthase 1
296648	Mapkap1	mitogen-activated protein kinase associated protein 1
296603	Vav2	vav 2 guanine nucleotide exchange factor
679651	Tmem178b	transmembrane protein 178B

296284 Kif3b	kinesin family member 3B
309650 Cpne5	copine V
295357 Lamtor5	late endosomal/lysosomal adaptor, MAPK and MTOR activator 5
297995 Chmp5	charged multivesicular body protein 5
619436 Med24	mediator complex subunit 24
292686 Fbxo46	F-box protein 46
307343 Fam210a	family with sequence similarity 210, member A

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ID	SYMBOL	NAME
	5343.5	
140448	Slc8a3	solute carrier family 8 (sodium/calcium exchanger), member 3
316578	Slc16a14	solute carrier family 16, member 14
689927	LOC689927	similar to keratin associated protein 10-10
295445	Dkk2	dickkopf WNT signaling pathway inhibitor 2
303743	Notum	notum pectinacetyltransferase homolog (Drosophila)
685964	LOC685964	hypothetical protein LOC685964
310909	Rap1gds1	RAP1, GTP-GDP dissociation stimulator 1
297123	Fkbp9	FK506 binding protein 9
363243	Klf7	Kruppel-like factor 7 (ubiquitous)
252900	Dgat2	diacylglycerol O-acyltransferase 2
192107	Prss8	protease, serine, 8
116633	Akap8	A kinase (PRKA) anchor protein 8
294043	Sorcs3	sortilin-related VPS10 domain containing receptor 3
289032	Chit1	chitinase 1 (chitotriosidase)
362699	Yipf4	Yip1 domain family, member 4
289337	Tlr5	toll-like receptor 5
363004	Prr13	proline rich 13
25243	Arnt2	aryl hydrocarbon receptor nuclear translocator 2
246235	Slc36a2	solute carrier family 36 (proton/amino acid symporter), member 2
366990	RGD1305207	similar to RIKEN cDNA 1700011A15
287884	Sectm1b	secreted and transmembrane 1B
303886	Muc20	mucin 20, cell surface associated
296461	Osbpl2	oxysterol binding protein-like 2
25356	Cntn2	contactin 2 (axonal)
298524	Dnali1	dynein, axonemal, light intermediate chain 1
289323	Dnali1	dynein, axonemal, light intermediate chain 1
65274	Nup62	nucleoporin 62
301511	Arpc2	actin related protein 2/3 complex, subunit 2
293287	Ubqln1	ubiquilin-like
83801	Ptms	parathyrosin
679651	Tmem178b	transmembrane protein 178B
500906	Cyth4	cytohesin 4
362727	Efcab10	EF-hand calcium binding domain 10
393087	Pcdha5	protocadherin alpha 5
365299	Bnc1	basonuclin 1
304714	Rrn3	RRN3 RNA polymerase I transcription factor homolog (S. cerevisiae)
24883	Wt1	Wilms tumor 1
312603	Rybp	RING1 and YY1 binding protein
290234	Dhrs1	dehydrogenase/reductase (SDR family) member 1
498179	RGD1563482	similar to hypothetical protein FLJ38663
353231	Spg7	spastic paraplegia 7 homolog (human)
311598	Fam83d	family with sequence similarity 83, member D
304978	Copa	coatamer protein complex subunit alpha
689926	Smim5	small integral membrane protein 5
498003	Dusp3	dual specificity phosphatase 3

690634	Fbxo3	F-box protein 3
294715	Rgs7bp	regulator of G-protein signaling 7 binding protein
310694	Fcrl2	Fc receptor-like 2
393090	Pcdha9	protocadherin alpha 9
296360	Pigt	phosphatidylinositol glycan anchor biosynthesis, class T
361224	RGD1306058	similar to RIKEN cDNA 1110007C09 [Rattus norvegicus
685374	Ankrd13c	ankyrin repeat domain 13C
497878	Nsg2	neuron specific gene family member 2
362817	Cdk2	cyclin dependent kinase 2
293144	Pold3	polymerase (DNA-directed), delta 3, accessory subunit
116779	Pcdha12	protocadherin alpha 12
307171	Apbb1ip	amyloid beta (A4) precursor protein-binding, family B, member 1 interacting p
406866	Ly6g6e	lymphocyte antigen 6 complex, locus G6E
24326	Ednra	endothelin receptor type A
29480	Rgs4	regulator of G-protein signaling 4
25501	Nxph1	neurexophilin 1
64442	St3gal2	ST3 beta-galactoside alpha-2,3-sialyltransferase 2
499020	Wtap	Wilms tumor 1 associated protein
114634	Six1	SIX homeobox 1
365684	Paip1	poly(A) binding protein interacting protein 1
502421	Slc35f1	solute carrier family 35, member F1
100134827	Hiat1	hippocampus abundant transcript 1
365903	Fam102b	family with sequence similarity 102, member B
308501	Cd22	CD22 molecule
25375	Aldh3a1	aldehyde dehydrogenase 3 family, member A1
680102	Mab21l2	mab-21-like 2 (C. elegans)
497960	Fam222b	family with sequence similarity 222, member B
315731	Larp6	La ribonucleoprotein domain family, member 6
313231	Alg2	ALG2, alpha-1,3/1,6-mannosyltransferase
65134	Stx5	syntaxin 5
24412	Grin2d	glutamate receptor, ionotropic, N-methyl D-aspartate 2D
292808	Pepd	peptidase D
54297	Rgs8	regulator of G-protein signaling 8
298296	Pcsk9	proprotein convertase subtilisin/kexin type 9
310808	Slc35a3	solute carrier family 35 (UDP-N-acetylglucosamine (UDP-GlcNAc) transporter)
288916	Gadd45gip1	growth arrest and DNA-damage-inducible, gamma interacting protein 1
363646	Eral1	Era-like 12S mitochondrial rRNA chaperone 1
393088	Pcdha6	protocadherin alpha 6
393086	Pcdha2	protocadherin alpha 2
29524	Limk2	LIM domain kinase 2
64076	Slc26a1	solute carrier family 26 (anion exchanger), member 1
364206	Plek	pleckstrin
315500	Eepd1	endonuclease/exonuclease/phosphatase family domain containing 1
25556	Il1rl1	interleukin 1 receptor-like 1
311405	Tmem127	transmembrane protein 127
79115	Evl	Enah/Vasp-like
394223	Pcdha11	protocadherin alpha 11
25073	Scarb1	scavenger receptor class B, member 1

288734 Chfr	checkpoint with forkhead and ring finger domains, E3 ubiquitin protein ligase
362826 Atcay	ataxia, cerebellar, Cayman type
116690 Nfasc	neurofascin
309650 Cpne5	copine V
25404 Cav1	caveolin 1, caveolae protein
297173 RSA-14-44	RSA-14-44 protein
294790 Skp2	S-phase kinase-associated protein 2, E3 ubiquitin protein ligase
81687 Mmp9	matrix metalloproteinase 9

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ID	SYMBOL	NAME
	5259.5	
299197	Arel1	apoptosis resistant E3 ubiquitin protein ligase 1
305816	Ddhd1	DDHD domain containing 1
361986	Slc39a1	solute carrier family 39 (zinc transporter), member 1
58815	Glx3	glutaredoxin 3
367264	Stat4	signal transducer and activator of transcription 4
79112	Pigm	phosphatidylinositol glycan anchor biosynthesis, class M
305889	Thtpa	thiamine triphosphatase
361251	Elmo1	engulfment and cell motility 1
65196	B4galt6	UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 6
79113	Fgr	FGR proto-oncogene, Src family tyrosine kinase
25560	Abcc9	ATP-binding cassette, subfamily C (CFTR/MRP), member 9
499349	Fgfbp3	fibroblast growth factor binding protein 3
56011	Ywhab	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation prot
301372	Gpr45	G protein-coupled receptor 45
315891	RGD1309079	similar to Ab2-095
313270	Megf9	multiple EGF-like-domains 9
29582	Mgat3	mannosyl (beta-1,4-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase
25060	Hk3	hexokinase 3 (white cell)
304786	Elk4	ELK4, ETS-domain protein (SRF accessory protein 1)
304978	Copa	coatamer protein complex subunit alpha
81818	Vim	vimentin
65180	Kcnd2	potassium voltage-gated channel, Shal-related subfamily, member 2
309164	Ovol1	ovo-like zinc finger 1
502084	Rwdd4	RWD domain containing 4A
305171	Lin54	lin-54 DREAM MuvB core complex component
498234	Arl8a	ADP-ribosylation factor-like 8A
304807	Rabif	RAB interacting factor
25367	Adarb1	adenosine deaminase, RNA-specific, B1
680454	Krtap31-1	keratin associated protein 31-1
29659	P2rx4	purinergic receptor P2X, ligand-gated ion channel 4
303497	Osbpl7	oxysterol binding protein-like 7
117259	Tra2b	transformer 2 beta homolog (Drosophila)
314711	Spic	Spi-C transcription factor (Spi-1/PU.1 related)
24333	Eno1	enolase 1, (alpha)
314322	Fos	FBJ osteosarcoma oncogene
500118	Fam221a	family with sequence similarity 221, member A
117520	Oxr1	oxidation resistance 1
499929	Tgif2	TGFB-induced factor homeobox 2
689959	LOC689959	hypothetical protein LOC689959
116686	Gsr	glutathione reductase
83526	Atrn	attractin
311311	Meis2	Meis homeobox 2
25671	Smad1	SMAD family member 1
366381	Cdc26	cell division cycle 26
297334	Mrpl35	mitochondrial ribosomal protein L35

170956	Ythdc1	YTH domain containing 1
58813	Nt5e	5' nucleotidase, ecto
301709	Arhgap28	Rho GTPase activating protein 28
296408	Fam210b	family with sequence similarity 210, member B
303403	Med13	mediator complex subunit 13
24520	Kcna1	potassium voltage-gated channel, shaker-related subfamily, member 1
499724	RGD1560065	similar to RIKEN cDNA 2410004B18
25097	Pld2	phospholipase D2
24602	Nppa	natriuretic peptide A
308890	Btbd10	BTB (POZ) domain containing 10
311783	Il36rn	interleukin 36 receptor antagonist
313339	Acer2	alkaline ceramidase 2
291314	Sephs1	selenophosphate synthetase 1
292771	Sipa1l3	signal-induced proliferation-associated 1 like 3
309774	Gopc	golgi associated PDZ and coiled-coil motif containing
289623	Ube2k	ubiquitin-conjugating enzyme E2K
691501	Snapc5	small nuclear RNA activating complex, polypeptide 5
25648	Slc7a1	solute carrier family 7 (cationic amino acid transporter, y+ system), mem
303274	Phf12	PHD finger protein 12
313838	Cdc42ep3	CDC42 effector protein (Rho GTPase binding) 3
64862	Map1lc3b	microtubule-associated protein 1 light chain 3 beta
25719	Scg5	secretogranin V (7B2 protein)
65048	Fat2	FAT atypical cadherin 2
362665	Camta1	calmodulin binding transcription activator 1
500972	Stt3a	STT3A, subunit of the oligosaccharyltransferase complex (catalytic)
361990	Chtop	similar to DKFZP547E1010 protein
362152	Hnrnpa3	heterogeneous nuclear ribonucleoprotein A3
29614	Psme2	proteasome (prosome, macropain) activator subunit 2
289881	Dr1	down-regulator of transcription 1
366064	B3galt1	UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 1
116839	Rims2	regulating synaptic membrane exocytosis 2
361567	Bcl2l12	BCL2-like 12 (proline rich)
304982	Igsf9	immunoglobulin superfamily, member 9
84356	Abcd2	ATP-binding cassette, subfamily D (ALD), member 2
288353	Cggbp1	CGG triplet repeat binding protein 1
690895	Zfp426	zinc finger protein 426
361191	Nsun2	NOP2/Sun RNA methyltransferase family, member 2
114087	Banf1	barrier to autointegration factor 1
303088	Trim41	tripartite motif-containing 41
171563	Nav2	neuron navigator 2
294333	Fam207a	family with sequence similarity 207, member A
64679	Tgm4	transglutaminase 4
50558	Npepps	aminopeptidase puromycin sensitive
685448	Pcp4l1	Purkinje cell protein 4-like 1
60443	Epn2	epsin 2
24708	Rb1	retinoblastoma 1
314647	Celf5	CUGBP, Elav-like family member 5
362804	Cwf19l2	CWF19-like 2, cell cycle control (S. pombe)

116595 Nrnx2	neurexin 2
291044 Nedd9	neural precursor cell expressed, developmentally down-regulated 9
312154 Ing3	inhibitor of growth family, member 3
301363 Map4k4	mitogen-activated protein kinase kinase kinase kinase 4
311450 Pak7	p21 protein (Cdc42/Rac)-activated kinase 7
316328 Kansl3	KAT8 regulatory NSL complex subunit 3
291328 Slc39a12	solute carrier family 39 (zinc transporter), member 12

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ID	SYMBOL	NAME
	4915.0	
501157	Rpe	ribulose-5-phosphate-3-epimerase
296086	Ndufaf1	NADH dehydrogenase (ubiquinone) complex I, assembly factor 1
501065	Cmtm7	CKLF-like MARVEL transmembrane domain containing 7
29717	Cacna1g	calcium channel, voltage-dependent, T type, alpha 1G subunit
297801	Xkr4	XK, Kell blood group complex subunit-related family, member 4
396551	Ugt1a3	UDP glycosyltransferase 1 family, polypeptide A3
306013	Lgi3	leucine-rich repeat LGI family, member 3
362914	Wdyhv1	WDYHV motif containing 1
574523	Ugt1a5	UDP glucuronosyltransferase 1 family, polypeptide A5
297076	Gimap6	GTPase, IMAP family member 6
288333	Gbe1	glucan (1,4-alpha-), branching enzyme 1
292767	Catsperg1	cation channel, sperm-associated, gamma 1
308942	Dennd5a	DENN/MADD domain containing 5A
361729	Cyb561a3	cytochrome b561 family, member A3
313163	RGD1306195	similar to RAN protein
315508	Ncapd3	non-SMC condensin II complex, subunit D3
313219	Zfp189	zinc finger protein 189
56759	Rnase4	ribonuclease, RNase A family 4
289934	Oxsm	3-oxoacyl-ACP synthase, mitochondrial
25747	Ppara	peroxisome proliferator activated receptor alpha
315165	Naga	N-acetyl galactosaminidase, alpha
361223	Fgd3	FYVE, RhoGEF and PH domain containing 3
306197	Tm9sf2	transmembrane 9 superfamily member 2
499561	Fam173b	family with sequence similarity 173, member B
306492	Cnot7	CCR4-NOT transcription complex, subunit 7
364910	Sall3	spalt-like transcription factor 3
295669	Cybrd1	cytochrome b reductase 1
313264	Trim32	tripartite motif-containing 32
298982	Maea	macrophage erythroblast attacher
140639	Nploc4	nuclear protein localization 4 homolog (<i>S. cerevisiae</i>)
296121	Usp8	ubiquitin specific peptidase 8
303185	Ficn	folliculin
29573	Slc37a4	solute carrier family 37 (glucose-6-phosphate transporter), member 4
500348	Bcl2l14	Bcl2-like 14 (apoptosis facilitator)
308390	Fkrp	fukutin related protein
24861	Ugt1a1	UDP glucuronosyltransferase 1 family, polypeptide A1
25281	Nup153	nucleoporin 153
287278	Cdkn2aipnl	CDKN2A interacting protein N-terminal like
300015	Them6	thioesterase superfamily member 6
25501	Nxph1	neurexophilin 1
296884	Glcci1	glucocorticoid induced transcript 1
83498	Hnrnpab	heterogeneous nuclear ribonucleoprotein A/B
171458	Ipmk	inositol polyphosphate multikinase
292708	Irgq	immunity-related GTPase family, Q
499993	RGD1564345	similar to RIKEN cDNA 4921511H03

291813 Cmtm3	CKLF-like MARVEL transmembrane domain containing 3
396527 Ugt1a2	UDP glucuronosyltransferase 1 family, polypeptide A2
310158 RGD1306502	similar to hypothetical protein FLJ11193
293038 Zfp592	zinc finger protein 592
365571 Tysnd1	trypsin domain containing 1
396552 Ugt1a9	UDP glucuronosyltransferase 1 family, polypeptide A9
494320 Ccdc8	coiled-coil domain containing 8
296129 Astl	astacin-like metalloendopeptidase (M12 family)
29538 Ccl20	chemokine (C-C motif) ligand 20
64440 Syt4	synaptotagmin IV
288297 Krtap15-1	keratin associated protein 15-1
366960 Maff	v-maf avian musculoaponeurotic fibrosarcoma oncogene homolog F
408201 Ctsql2	cathepsin Q-like 2
50552 Zfp292	zinc finger protein 292
362049 Unc5c	unc-5 homolog C (C. elegans)
171111 Rab26	RAB26, member RAS oncogene family
316640 Atg4b	autophagy related 4B, cysteine peptidase
301595 Ugt1a8	UDP glycosyltransferase 1 family, polypeptide A8
246116 Ptpn4	protein tyrosine phosphatase, non-receptor type 4
310749 Rsb1	round spermatid basic protein 1
298189 Bnc2	basonuclin 2
305751 Nkiras1	NFKB inhibitor interacting Ras-like 1
24699 Ptprc	protein tyrosine phosphatase, receptor type, C
444983 Apold1	apolipoprotein L domain containing 1
362988 Cpne8	copine VIII
288271 Mrap	melanocortin 2 receptor accessory protein
288108 Naa50	N(alpha)-acetyltransferase 50, NatE catalytic subunit
304962 Atf6	activating transcription factor 6
116996 Il16	interleukin 16
308717 Slc35d3	solute carrier family 35, member D3
25615 Sdc2	syndecan 2
171092 G3bp1	GTPase activating protein (SH3 domain) binding protein 1
291312 Ucma	upper zone of growth plate and cartilage matrix associated
83526 Atrn	attractin
114217 Yme1l1	YME1-like 1 ATPase
362756 Pigh	phosphatidylinositol glycan anchor biosynthesis, class H
498222 LOC498222	similar to specifically androgen-regulated protein
360917 Cnot6l	CCR4-NOT transcription complex, subunit 6-like
81645 Chr2	cholinergic receptor, muscarinic 2
292994 Tjp1	tight junction protein 1
299799 Rab21	RAB21, member RAS oncogene family
497815 Nrcam	neuronal cell adhesion molecule
310261 Eif5a2	eukaryotic translation initiation factor 5A2
192260 Cdipt	CDP-diacylglycerol--inositol 3-phosphatidyltransferase
89783 Laptm5	lysosomal protein transmembrane 5
292071 Cdt1	chromatin licensing and DNA replication factor 1
309441 Peo1	progressive external ophthalmoplegia 1
114090 Egr2	early growth response 2

25288	Acs1	acyl-CoA synthetase long-chain family member 1
29473	Aoc3	amine oxidase, copper containing 3
299730	Nedd1	neural precursor cell expressed, developmentally down-regulated 1
499900	Zfp133	zinc finger protein 133
362861	Slc41a2	solute carrier family 41 (magnesium transporter), member 2
64530	Cnbp	CCHC-type zinc finger, nucleic acid binding protein
246279	Zfp180	zinc finger protein 180
65142	Arl2	ADP-ribosylation factor-like 2
24224	Bcl2	B-cell CLL/lymphoma 2
307511	Cdc25c	cell division cycle 25C

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ID	SYMBOL	NAME
	4319.5	
361822	Ybey	ybeY metallopeptidase
24791	Sparc	secreted protein, acidic, cysteine-rich (osteonectin)
312077	Golga3	golgin A3
314310	Zfp410	zinc finger protein 410
308361	Zfp329	zinc finger protein 329
361567	Bcl2l12	BCL2-like 12 (proline rich)
25314	Emp1	epithelial membrane protein 1
29737	Kcnab1	potassium voltage-gated channel, shaker-related subfamily, beta member 1
685607	Pfdn2	prefoldin subunit 2
293113	Tmem126a	transmembrane protein 126A
312563	Prickle2	prickle homolog 2 (Drosophila)
25439	F2r	coagulation factor II (thrombin) receptor
192362	Lamc2	laminin, gamma 2
502128	Pom121l2	POM121 transmembrane nucleoporin-like 2
294011	Sfxn2	sideroflexin 2
299131	Dhrs7	dehydrogenase/reductase (SDR family) member 7
29629	Gria4	glutamate receptor, ionotropic, AMPA 4
685374	Ankrd13c	ankyrin repeat domain 13C
304275	Zkscan5	zinc finger with KRAB and SCAN domains 5
25309	Cycs	cytochrome c, somatic
311422	ltpa	inosine triphosphatase (nucleoside triphosphate pyrophosphatase)
361627	Zfp143	zinc finger protein 143
304885	Fam20b	family with sequence similarity 20, member B
307348	Spire1	spire-type actin nucleation factor 1
309002	Zfp668	zinc finger protein 668
25427	Cyp51	cytochrome P450, family 51
116543	Ebf1	early B-cell factor 1
362809	Ptges3	prostaglandin E synthase 3 (cytosolic)
25584	F3	coagulation factor III (thromboplastin, tissue factor)
314814	Nav3	neuron navigator 3
291709	Slc25a46	solute carrier family 25, member 46
288444	Hsph1	heat shock 105/110 protein 1
80897	Erap1	endoplasmic reticulum aminopeptidase 1
362004	Gdap2	ganglioside-induced differentiation-associated-protein 2
315987	Vprbp	Vpr (HIV-1) binding protein
499419	RGD1564149	similar to Protein C21orf58
303010	Cpeb4	cytoplasmic polyadenylation element binding protein 4
309164	Ovol1	ovo-like zinc finger 1
310812	Lppr5	lipid phosphate phosphatase-related protein type 5
24326	Ednra	endothelin receptor type A
294809	Adamts12	ADAM metallopeptidase with thrombospondin type 1 motif, 12
301709	Arhgap28	Rho GTPase activating protein 28
310201	Cmbl	carboxymethylenebutenolidase homolog (Pseudomonas)
317399	Ddx21	DEAD (Asp-Glu-Ala-Asp) box helicase 21
292139	RGD1311558	similar to 4930506M07Rik protein

685229	Tal2	T-cell acute lymphocytic leukemia 2
310780	Gpr61	G protein-coupled receptor 61
282844	Rffl	ring finger and FYVE-like domain containing E3 ubiquitin protein ligase
363061	Sdhd	succinate dehydrogenase complex, subunit D, integral membrane protein
362826	Atcay	ataxia, cerebellar, Cayman type
116780	Pcdha3	protocadherin alpha 3
291565	Afap11	actin filament associated protein 1-like 1
24899	Smcp	sperm mitochondria-associated cysteine-rich protein
680229	Sgcb	sarcoglycan, beta (dystrophin-associated glycoprotein)
25624	Vamp1	vesicle-associated membrane protein 1
313231	Alg2	ALG2, alpha-1,3/1,6-mannosyltransferase
287598	Ska2	spindle and kinetochore associated complex subunit 2
293426	Nlrp10	NLR family, pyrin domain containing 10
116741	Pcdha4	protocadherin alpha 4
116597	Opcml	opioid binding protein/cell adhesion molecule-like
116742	Pcdha13	protocadherin alpha 13
25708	Ucp3	uncoupling protein 3 (mitochondrial, proton carrier)
298906	Pqlc3	PQ loop repeat containing 3
260323	Snx27	sorting nexin family member 27
290834	Adam9	ADAM metallopeptidase domain 9
25041	P2rx6	purinergic receptor P2X, ligand-gated ion channel, 6
64559	Slc22a23	solute carrier family 22, member 23
313370	Hook1	hook microtubule-tethering protein 1
25483	Msx2	msh homeobox 2
300950	Spsb4	spla/ryanodine receptor domain and SOCS box containing 4
297123	Fkbp9	FK506 binding protein 9
361554	Lsm14a	LSM14A, SCD6 homolog A (<i>S. cerevisiae</i>)
294299	Tead3	TEA domain family member 3
310250	Zfhx4	zinc finger homeobox 4
117268	Khdrbs1	KH domain containing, RNA binding, signal transduction associated 1
362212	Tmem87b	transmembrane protein 87B
316216	Taf8	TAF8 RNA polymerase II, TATA box binding protein (TBP)-associated factor
64060	Vps33b	vacuolar protein sorting 33 homolog B (yeast)
64086	Csnk1g1	casein kinase 1, gamma 1
301634	Fam174a	family with sequence similarity 174, member A
83629	Slc12a2	solute carrier family 12 (sodium/potassium/chloride transporter), member 2
84398	Cd93	CD93 molecule
309196	Ttc9c	tetratricopeptide repeat domain 9C
289560	Igfbp7	insulin-like growth factor binding protein 7
299909	Fam49b	family with sequence similarity 49, member B
500390	RGD1564053	similar to hypothetical protein
29456	Map1b	microtubule-associated protein 1B
307956	Rbm34	RNA binding motif protein 34
116779	Pcdha12	protocadherin alpha 12
500226	Wdr54	WD repeat domain 54
114634	Six1	SIX homeobox 1
25216	Sdc1	syndecan 1
25012	Snap25	synaptosomal-associated protein 25

690329	Lrrn4cl	LRRN4 C-terminal like
500364	Sspn	sarcospan
64124	Eltd1	EGF, latrophilin and seven transmembrane domain containing 1
310749	Rsb1	round spermatid basic protein 1
25341	Tnfrsf11b	tumor necrosis factor receptor superfamily, member 11b
83476	Cyr61	cysteine-rich, angiogenic inducer, 61
290467	Slitrk6	SLIT and NTRK-like family, member 6

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ID	SYMBOL	NAME
4523.5		
309169	Ehbp111	EH domain binding protein 1-like 1
83627	Galnt5	polypeptide N-acetylgalactosaminyltransferase 5
685756	Tmem229a	transmembrane protein 229A
360764	Zfp655	zinc finger protein 655
361086	Scel	sciellin
300838	Tmod3	tropomodulin 3
64134	Xylt2	xylosyltransferase II
294809	Adamts12	ADAM metalloproteinase with thrombospondin type 1 motif, 12
308668	Nipa1	non imprinted in Prader-Willi/Angelman syndrome 1
24718	Reln	reelin
316426	Spats2l	spermatogenesis associated, serine-rich 2-like
680229	Sgcb	sarcoglycan, beta (dystrophin-associated glycoprotein)
29324	Capza3	capping protein (actin filament) muscle Z-line, alpha 3
286928	Abi2	abl-interactor 2
64469	Slc30a4	solute carrier family 30 (zinc transporter), member 4
116477	Wnk1	WNK lysine deficient protein kinase 1
114906	Pkia	protein kinase (cAMP-dependent, catalytic) inhibitor alpha
25495	Nog	noggin
309638	Taf11	TAF11 RNA polymerase II, TATA box binding protein (TBP)-associated fact
289324	Cnih4	cornichon family AMPA receptor auxiliary protein 4
685781	Ddr2	discoidin domain receptor tyrosine kinase 2
294380	Lrrtm3	leucine rich repeat transmembrane neuronal 3
65033	Stx12	syntaxin 12
619549	Ppapdc2	phosphatidic acid phosphatase type 2 domain containing 2
291309	Usp6nl	USP6 N-terminal like
245966	Tmem150a	transmembrane protein 150A
363735	Gabpa	GA binding protein transcription factor, alpha subunit
289992	Fermt2	fermitin family member 2
313581	Utp11l	UTP11-like, U3 small nucleolar ribonucleoprotein, (yeast)
286973	Elavl2	ELAV like neuron-specific RNA binding protein 2
500989	Zfp259	zinc finger protein 259
308958	Cdr2	cerebellar degeneration-related protein 2
314996	Klhl38	kelch-like family member 38
292406	Thbs2	thrombospondin 2
498281	Pvrl4	poliovirus receptor-related 4
288353	Cggbp1	CGG triplet repeat binding protein 1
498434	Gpr75	G protein-coupled receptor 75
81816	Ube2b	ubiquitin-conjugating enzyme E2B
24413	Nr3c1	nuclear receptor subfamily 3, group C, member 1
450224	Omg	oligodendrocyte-myelin glycoprotein
25333	Mgp	matrix Gla protein
84431	Asah1	N-acylsphingosine amidohydrolase (acid ceramidase) 1
54292	Rgs12	regulator of G-protein signaling 12
171070	Ptpn21	protein tyrosine phosphatase, non-receptor type 21
116740	B3gnt5	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 5

293967	Smc5	structural maintenance of chromosomes 5
289084	RGD1309104	similar to RIKEN cDNA 1700025G04 gene
294790	Skp2	S-phase kinase-associated protein 2, E3 ubiquitin protein ligase
64154	Gosr2	golgi SNAP receptor complex member 2
303439	Mmd	monocyte to macrophage differentiation-associated
305792	Kctd6	potassium channel tetramerization domain containing 6
690300	Cox11	cytochrome c oxidase assembly homolog 11 (yeast)
293408	Hbs1l	HBS1-like translational GTPase
501099	Srf	serum response factor (c-fos serum response element-binding transcript
299897	Trps1	trichorhinophalangeal syndrome I
301381	Tex30	testis expressed 30
84007	C3ar1	complement component 3a receptor 1
287873	Chmp6	charged multivesicular body protein 6
25312	Dmp1	dentin matrix acidic phosphoprotein 1
619440	Aarsd1	alanyl-tRNA synthetase domain containing 1
294053	Ccnj	cyclin J
293526	Ate1	arginyltransferase 1
311651	Slc9a8	solute carrier family 9, subfamily A (NHE8, cation proton antiporter 8), m
25389	Atf3	activating transcription factor 3
311182	Nup160	nucleoporin 160
361396	Ranbp10	RAN binding protein 10
64638	Rpl28	ribosomal protein L28
364393	Phf11b	PHD finger protein 11B
94268	Efna1	ephrin A1
291914	Cnep1r1	CTD nuclear envelope phosphatase 1 regulatory subunit 1
58839	Nrbf2	nuclear receptor binding factor 2
25675	Hmgcr	3-hydroxy-3-methylglutaryl-CoA reductase
297486	Ppp4r2	protein phosphatase 4, regulatory subunit 2
498133	Tex26	testis expressed 26
361230	Tmem170b	transmembrane protein 170B
307839	Zfp612	zinc finger protein 612
307362	Zfp532	zinc finger protein 532
305268	Uba6	ubiquitin-like modifier activating enzyme 6 [
360896	Esrrg	estrogen-related receptor gamma
81636	Adcy2	adenylate cyclase 2 (brain)
305830	Fbxo34	F-box protein 34
311872	Zbtb43	zinc finger and BTB domain containing 43
498266	Blzf1	basic leucine zipper nuclear factor 1
498796	Fam107b	family with sequence similarity 107, member B
299002	G2e3	G2/M-phase specific E3 ubiquitin protein ligase
25738	Plcg1	phospholipase C, gamma 1
300359	Ccdc82	coiled-coil domain containing 82
364073	Ddx3y	DEAD (Asp-Glu-Ala-Asp) box helicase 3, Y-linked
81661	Gmfb	glia maturation factor, beta
362336	Fam180a	family with sequence similarity 180, member A
361051	Phf11	PHD finger protein 11
684961	Zmat4	zinc finger, matrin type 4
25570	Trhr	thyrotropin releasing hormone receptor

500526 Mknk1	MAP kinase-interacting serine/threonine kinase 1
294799 Brix1	BRX1, biogenesis of ribosomes, homolog (<i>S. cerevisiae</i>)
140941 Siah1	siah E3 ubiquitin protein ligase 1
54251 Flt1	FMS-related tyrosine kinase 1
54321 Cnn3	calponin 3, acidic
685909 H2afv	H2A histone family, member V
291964 Fhod1	formin homology 2 domain containing 1
311071 Cdc25c	cell division cycle 25C
25705 Zeb1	zinc finger E-box binding homeobox 1

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ID	SYMBOL	NAME
	4903.5	
685781	Ddr2	discoidin domain receptor tyrosine kinase 2
25739	Pygb	phosphorylase, glycogen; brain
83825	Dclk1	doublecortin-like kinase 1
306790	Sema4d	sema domain, immunoglobulin domain (Ig), transmembrane dom
309888	Sim1	single-minded family bHLH transcription factor 1
83627	Galnt5	polypeptide N-acetylgalactosaminyltransferase 5
685756	Tmem229a	transmembrane protein 229A
25600	Utrn	utrophin
306009	Slc39a14	solute carrier family 39 (zinc transporter), member 14
24718	Reln	reelin
117553	Uba3	ubiquitin-like modifier activating enzyme 3
286928	Abi2	abl-interactor 2
304193	Arhgef18	rho/rac guanine nucleotide exchange factor (GEF) 18
314981	Col14a1	collagen, type XIV, alpha 1
100125373	Pnrc2	proline-rich nuclear receptor coactivator 2
300359	Ccdc82	coiled-coil domain containing 82
171410	Acsbg1	acyl-CoA synthetase bubblegum family member 1
307343	Fam210a	family with sequence similarity 210, member A
29456	Map1b	microtubule-associated protein 1B
727679	Pdpx	pyridoxal (pyridoxine, vitamin B6) phosphatase
500989	Zfp259	zinc finger protein 259
296624	Dolpp1	dolichyldiphosphatase 1
296182	Tmx4	thioredoxin-related transmembrane protein 4
24672	Ppp2ca	protein phosphatase 2, catalytic subunit, alpha isozyme
301381	Tex30	testis expressed 30
361086	Scel	sciellin
305031	Brox	BRO1 domain and CAAX motif containing
498281	Pvrl4	poliovirus receptor-related 4
299897	Trps1	trichorhinophalangeal syndrome I
170899	Kcnk2	potassium channel, subfamily K, member 2
289992	Fermt2	fermitin family member 2
65196	B4galt6	UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide
294809	Adamts12	ADAM metallopeptidase with thrombospondin type 1 motif, 12
64469	Slc30a4	solute carrier family 30 (zinc transporter), member 4
84007	C3ar1	complement component 3a receptor 1
306375	Csgalnact1	chondroitin sulfate N-acetylgalactosaminyltransferase 1
310745	Dclre1b	DNA cross-link repair 1B
365410	Osbp	oxysterol binding protein
25570	Trhr	thyrotropin releasing hormone receptor
498301	Wdr26	WD repeat domain 26
311901	Lhx6	LIM homeobox 6
294053	Ccnj	cyclin J
365684	Paip1	poly(A) binding protein interacting protein 1
301513	Rqcd1	Rcd1 required for cell differentiation1 homolog (S. pombe)
308899	Mrv1	murine retrovirus integration site 1 homolog

360764	Zfp655	zinc finger protein 655
140940	Arf3	ADP-ribosylation factor 3
295224	mrpl24	mitochondrial ribosomal protein L24
303439	Mmd	monocyte to macrophage differentiation-associated
54321	Cnn3	calponin 3, acidic
373544	Ermp1	endoplasmic reticulum metalloproteinase 1
690810	Adat1	adenosine deaminase, tRNA-specific 1
501099	Srf	serum response factor (c-fos serum response element-binding tra
311549	Xkr7	XK, Kell blood group complex subunit-related family, member 7
364033	Vamp4	vesicle-associated membrane protein 4
360272	Slit2	slit homolog 2 (Drosophila)
289736	Morc2	MORC family CW-type zinc finger 2
25675	Hmgcr	3-hydroxy-3-methylglutaryl-CoA reductase
306257	Bap1	BRCA1 associated protein-1 (ubiquitin carboxy-terminal hydrolase
362261	Lpin3	lipin 3
60395	Trpc3	transient receptor potential cation channel, subfamily C, member
64025	Cd244	Cd244 molecule, natural killer cell receptor 2B4
311182	Nup160	Nup160 nucleoporin 160
315891	RGD1309079	similar to Ab2-095
500616	Socs5	suppressor of cytokine signaling 5
79220	Grid2	glutamate receptor, ionotropic, delta 2
114906	Pkia	protein kinase (cAMP-dependent, catalytic) inhibitor alpha
171070	Ptpn21	protein tyrosine phosphatase, non-receptor type 21
84409	Robo2	roundabout, axon guidance receptor, homolog 2 (Drosophila)
314788	RGD1307947	similar to RIKEN cDNA C430008C19
500526	Mknk1	MAP kinase-interacting serine/threonine kinase 1
304301	Mmd2	monocyte to macrophage differentiation-associated 2
24660	Pmp22	peripheral myelin protein 22
688581	Elmod2	ELMO/CED-12 domain containing 2
295105	Schip1	schwannomin interacting protein 1
303918	Gtf2e1	general transcription factor IIE, polypeptide 1 (alpha subunit)
117514	Txnip	thioredoxin interacting protein
171528	Gzmb	granzyme B (granzyme 2, cytotoxic T-lymphocyte-associated serin
289277	Desi2	desumoylating isopeptidase 2
310533	Rapgef2	Rap guanine nucleotide exchange factor (GEF) 2
155918	Lcp2	lymphocyte cytosolic protein 2
313581	Utp11l	UTP11-like, U3 small nucleolar ribonucleoprotein, (yeast)
291914	Cnep1r1	CTD nuclear envelope phosphatase 1 regulatory subunit 1
313067	Tmem67	transmembrane protein 67
304798	Mdm4	MDM4, p53 regulator
81652	Ctbs	chitinase, di-N-acetyl-
24318	Drd2	dopamine receptor D2
680229	Sgcb	sarcoglycan, beta (dystrophin-associated glycoprotein)
364393	Phf11b	PHD finger protein 11B
29150	Matr3	matrin 3
363735	Gabpa	GA binding protein transcription factor, alpha subunit
293408	Hbs1l	HBS1-like translational GTPase
25495	Nog	noggin

298696 Pin1	peptidylprolyl cis/trans isomerase, NIMA-interacting 1
171525 Polk	polymerase (DNA directed) kappa
84431 Asah1	N-acylsphingosine amidohydrolase (acid ceramidase) 1
361272 Dhtkd1	dehydrogenase E1 and transketolase domain containing 1
291964 Fhod1	formin homology 2 domain containing 1
25333 Mgp	matrix Gla protein
296179 Fermt1	fermitin family member 1
311071 Cdc25c	cell division cycle 25C
25705 Zeb1	zinc finger E-box binding homeobox 1

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ID	SYMBOL	NAME
	5571.0	
292708	Irgq	immunity-related GTPase family, Q
499309	RGD1560108	similar to RIKEN cDNA 2700081O15
499747	Cysrt1	cysteine-rich tail protein 1
25501	Nxph1	neurexophilin 1
25523	Prkg2	protein kinase, cGMP-dependent, type II
365797	Ufm1	ubiquitin-fold modifier 1
689576	Nkain3	Na ⁺ /K ⁺ transporting ATPase interacting 3
299256	Cpsf2	cleavage and polyadenylation specific factor 2, 100kDa
25428	Cyp7a1	cytochrome P450, family 7, subfamily a, polypeptide 1
314212	Daam1	dishevelled associated activator of morphogenesis 1
315478	Snx19	sorting nexin 19
364208	Cnrip1	cannabinoid receptor interacting protein 1
311670	Cstf1	cleavage stimulation factor, 3' pre-RNA, subunit 1, 50kDa
304208	Cers4	ceramide synthase 4
298646	Agtrap	angiotensin II receptor-associated protein
64469	Slc30a4	solute carrier family 30 (zinc transporter), member 4
304103	Olig2	oligodendrocyte lineage transcription factor 2
24862	Ugt2b	UDP glycosyltransferase 2 family, polypeptide B
498400	Hormad2	HORMA domain containing 2
117029	Ccr5	chemokine (C-C motif) receptor 5
309156	Bbs1	Bardet-Biedl syndrome 1
362300	Agap3	ArfGAP with GTPase domain, ankyrin repeat and PH domain
303000	Capn15	calpain 15
498489	Naa30	N(alpha)-acetyltransferase 30, NatC catalytic subunit
313949	RGD1311648	similar to hypothetical protein FLJ21820
366203	Esf1	ESF1, nucleolar pre-rRNA processing protein, homolog (S.
365895	Hipk1	homeodomain interacting protein kinase 1
498003	Dusp3	dual specificity phosphatase 3
26759	Acot7	acyl-CoA thioesterase 7
360704	Hmgn1	Hmgn1 domain 1
84046	Sox11	SRY (sex determining region Y)-box 11
500824	Fgd6	FYVE, RhoGEF and PH domain containing 6
498112	Yeats2	YEATS domain containing 2
361653	Armc5	armadillo repeat containing 5
25458	Gss	glutathione synthetase
363236	Fam117b	family with sequence similarity 117, member B
301575	Itm2c	integral membrane protein 2C
690345	Srp9	signal recognition particle 9
500553	Zbtb8b	zinc finger and BTB domain containing 8b
301337	Plekhb2	pleckstrin homology domain containing, family B (evectins
24660	Pmp22	peripheral myelin protein 22
287099	Cldn9	claudin 9
500069	Cep41	centrosomal protein 41
291597	Trim36	tripartite motif-containing 36
63883	Kcne3	potassium voltage-gated channel, Isk-related family, mem

25155 Syk	spleen tyrosine kinase
296583 Nacc2	NACC family member 2, BEN and BTB (POZ) domain containing
361588 Lrrc28	leucine rich repeat containing 28
362279 Pard6b	par-6 family cell polarity regulator beta
25672 Nr3c2	nuclear receptor subfamily 3, group C, member 2
24294 Cyp11b2	cytochrome P450, family 11, subfamily b, polypeptide 2
314634 Plekhj1	pleckstrin homology domain containing, family J member
29635 Timm44	translocase of inner mitochondrial membrane 44 homolog
24950 Srd5a1	steroid-5-alpha-reductase, alpha polypeptide 1 (3-oxo-5-alpha)
81531 Pfn2	profilin 2
296623 Fam73b	family with sequence similarity 73, member B
315139 Tab1	Tab1 TGF-beta activated kinase 1/MAP3K7 binding protein
500950 Zfp317	zinc finger protein 317
291132 Gpld1	glycosylphosphatidylinositol specific phospholipase D1
310780 Gpr61	G protein-coupled receptor 61
303380 Slfn2	schlafen 2
25102 Chrna5	cholinergic receptor, nicotinic, alpha 5 (neuronal)
293897 Dkk1	dickkopf WNT signaling pathway inhibitor 1
266680 St18	suppression of tumorigenicity 18
286994 Lgr4	leucine-rich repeat-containing G protein-coupled receptor
498823 Ankrd29	ankyrin repeat domain 29
311441 Trmt6	tRNA methyltransferase 6 homolog (S. cerevisiae)
29700 Pcbd1	pterin-4 alpha-carbinolamine dehydratase/dimerization core
679651 Tmem178b	transmembrane protein 178B
171092 G3bp1	GTPase activating protein (SH3 domain) binding protein 1
595134 Akirin1	akirin 1
362912 Derl1	derlin 1
29194 Chka	choline kinase alpha
361866 Hace1	HECT domain and ankyrin repeat containing, E3 ubiquitin ligase
300813 Rnf111	ring finger protein 111
296259 Acss1	acyl-CoA synthetase short-chain family member 1
362461 C2cd5	C2 calcium-dependent domain containing 5
295428 Mettl14	methyltransferase like 14
25700 Ide	insulin degrading enzyme
60434 Bcl2l2	Bcl2-like 2
364081 Irf6	interferon regulatory factor 6
50662 Runx1	runt-related transcription factor 1
311311 Meis2	Meis homeobox 2
171143 Trpm4	transient receptor potential cation channel, subfamily M, member 4
24298 Cyp21a1	cytochrome P450, family 21, subfamily a, polypeptide 1
365372 Tbc1d10b	TBC1 domain family, member 10b
305096 Klhdc8a	kelch domain containing 8A
296321 Bpi	bactericidal/permeability-increasing protein
497954 Ovca2	ovarian tumor suppressor candidate 2
361272 Dhdkd1	dehydrogenase E1 and transketolase domain containing 1
619558 Fam134b	family with sequence similarity 134, member B
312694 Necap1	NECAP endocytosis associated 1
309871 Prdm1	PR domain containing 1, with ZNF domain

288105 Zbtb20	zinc finger and BTB domain containing 20
500430 Ankrd6	ankyrin repeat domain 6
373544 Ermp1	endoplasmic reticulum metalloproteinase 1
308415 Ercc2	excision repair cross-complementation group 2
24768 Scnn1g	sodium channel, non-voltage-gated 1, gamma subunit
312309 Zfp775	zinc finger protein 775
116474 Prl2a1	Prolactin family 2, subfamily a, member 1