

## mmu-miR-467c -3120,0

ID	SYMBOL	NAME
	<b>3120.0</b>	
170943	Slc25a10	solute carrier family 25 (mitochondrial carrier; dicarboxylate transporter), member 10
362356	Cul1	cullin 1
688394	Mab2111	mab-21-like 1 (C. elegans)
311185	Kbtbd4	kelch repeat and BTB (POZ) domain containing 4
140583	Chek1	checkpoint kinase 1
314453	Wdr20	WD repeat domain 20
304410	Gatsl2	GATS protein-like 2
291019	Fam120a	family with sequence similarity 120A
289997	Dlgap5	discs, large (Drosophila) homolog-associated protein 5
304807	Rabif	RAB interacting factor
364823	Klhl14	kelch-like family member 14
313873	Fam98a	family with sequence similarity 98, member A
25264	Nmbr	neuromedin B receptor
498130	Stard13	StAR-related lipid transfer (START) domain containing 13 [
192243	Golgb1	golgin B1
498299	Lefty1	left right determination factor 1
366064	B3galt1	UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 1
303926	Igsl11	immunoglobulin superfamily, member 11
25701	Mxi1	MAX interactor 1
361916	Chmp4c	charged multivesicular body protein 4C
25608	Lep	leptin
494125	Rcn3	reticulocalbin 3, EF-hand calcium binding domain
296199	Snx5	sorting nexin 5
306424	Mfap3l	microfibrillar-associated protein 3-like
313121	Map3k7	mitogen activated protein kinase kinase kinase 7
288025	Hrasls	HRAS-like suppressor
301458	Ndufs1	NADH dehydrogenase (ubiquinone) Fe-S protein 1
294408	Asf1a	anti-silencing function 1A histone chaperone
310207	Sema5a	sema domain, seven thrombospondin repeats (type 1 and type 1-like), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 5A
362132	Epc2	enhancer of polycomb homolog 2 (Drosophila)
246042	Nfk	nucleolar protein interacting with the FHA domain of MKI67
29611	Dbt	dihydroliipoamide branched chain transacylase E2
100036765	Ccdc92	coiled-coil domain containing 92
24937	Kap	kidney androgen regulated protein
24908	Dnajb9	Dnaj (Hsp40) homolog, subfamily B, member 9
311956	Wdr86	WD repeat domain 86
116725	Ube2n	ubiquitin-conjugating enzyme E2N
56766	Leprot	leptin receptor overlapping transcript
304337	Zfp68	zinc finger protein 68
289201	Lmx1a	LIM homeobox transcription factor 1 alpha
296623	Fam73b	family with sequence similarity 73, member B
29440	Slc26a4	solute carrier family 26 (anion exchanger), member 4
690262	Yaf2	YY1 associated factor 2
25459	Hmgb1	high mobility group box 1
65185	Sult1c3	sulfotransferase family, cytosolic, 1C, member 3
499798	Arl6ip6	ADP-ribosylation factor-like 6 interacting protein 6
170837	Snrk	SNF related kinase
313270	Megf9	multiple EGF-like-domains 9
84481	Arid4b	AT rich interactive domain 4B (Rbp1 like)
299256	Cpsf2	cleavage and polyadenylation specific factor 2, 100kDa
360917	Cnot6l	CCR4-NOT transcription complex, subunit 6-like
301261	Enpp4	ectonucleotide pyrophosphatase/phosphodiesterase 4
300891	Morf4l1	mortality factor 4 like 1
497933	Slc25a35	solute carrier family 25, member 35
309798	Gcc2	GRIP and coiled-coil domain containing 2
116644	Rtn1	reticulon 1
316235	Polh	polymerase (DNA directed), eta
289526	Vcsa2	variable coding sequence A2
361522	Hnrmpul1	heterogeneous nuclear ribonucleoprotein U-like 1
304763	R3hdm1	R3H domain containing 1
304714	Rrn3	RRN3 RNA polymerase I transcription factor homolog (S. cerevisiae)
291130	Dcdc2	doublecortin domain containing 2
298079	Aldh1b1	aldehyde dehydrogenase 1 family, member B1
305434	Jakmip1	janus kinase and microtubule interacting protein 1
500870	Mtbp	Mdm2, transformed 3T3 cell double minute 2, p53 binding protein (mouse) binding protein
170908	Tesk2	testis-specific kinase 2
315798	Zfp280d	zinc finger protein 280D
360916	Tmem150c	transmembrane protein 150C
362521	Tmem38b	transmembrane protein 38B
81734	Nell2	NEL-like 2 (chicken)
361888	Srek1ip1	SREK1-interacting protein 1
64531	Synj2bp	synaptojanin 2 binding protein
140722	Caskin1	CASK interacting protein 1
304103	Olig2	oligodendrocyte lineage transcription factor 2
365903	Fam102b	family with sequence similarity 102, member B
25605	Hcrtr2	hypocretin (orexin) receptor 2
114117	Gng3	guanine nucleotide binding protein (G protein), gamma 3
287709	Rab5c	RAB5C, member RAS oncogene family
295500	Metap1	methionyl aminopeptidase 1
25647	Il7	interleukin 7
25243	Arnt2	aryl hydrocarbon receptor nuclear translocator 2
114901	Sorbs2	sorbin and SH3 domain containing 2
81656	Dpyd	dihydropyrimidine dehydrogenase
54230	Btg3	BTG family, member 3

246297	Myocd	myocardin
293736	Myrf	myelin regulatory factor
306766	LOC306766	hypothetical LOC306766
312372	Kbtbd2	kelch repeat and BTB (POZ) domain containing 2
360426	Pla2g6	phospholipase A2, group VI (cytosolic, calcium-independent)
362279	Pard6b	par-6 family cell polarity regulator beta
361274	Nudt5	nudix (nucleoside diphosphate linked moiety X)-type motif 5
361600	Tm6sf1	transmembrane 6 superfamily member 1
29456	Map1b	microtubule-associated protein 1B
298436	Tspan1	tetraspanin 1
54279	Cntn3	contactin 3 (plasmacytoma associated)
24256	Psg19	pregnancy specific glycoprotein 19
292071	Cdt1	chromatin licensing and DNA replication factor 1
307900	Kcng4	potassium voltage-gated channel, subfamily G, member 4
155918	Lcp2	lymphocyte cytosolic protein 2
170699	Atp2c1	ATPase, Ca <sup>++</sup> transporting, type 2C, member 1

SYMBOL	NAME
<b>4667.0</b>	
308939 Ipo7	importin 7
690516 Smurf1	SMAD specific E3 ubiquitin protein ligase 1
303567 Tmub2	transmembrane and ubiquitin-like domain containing 2
311346 Lrrc57	leucine rich repeat containing 57
29448 Rab7a	RAB7A, member RAS oncogene family
116631 Nat1	N-acetyltransferase 1 (arylamine N-acetyltransferase)
364786 Itga8	integrin, alpha 8
298288 C8a	complement component 8, alpha polypeptide
294030 Sfr1	SWI5-dependent recombination repair 1
290775 Vps37a	vacuolar protein sorting 37 homolog A
292486 Aig1	androgen-induced 1
310358 Plcx3	phosphatidylinositol-specific phospholipase C, X domain containing 3
314336 Ddx41	DEAD (Asp-Glu-Ala-Asp) box polypeptide 41
311252 Pamr1	peptidase domain containing associated with muscle regeneration 1
288692 Wsb2	WD repeat and SOCS box-containing 2
114553 Ncf1	neutrophil cytosolic factor 1
116720 Pik3c2g	phosphatidylinositol-4-phosphate 3-kinase, catalytic subunit type 2 gamma
309196 Ttc9c	tetratricopeptide repeat domain 9C
362804 Cwf19l2	CWF19-like 2, cell cycle control ( <i>S. pombe</i> )
170840 Slc40a1	solute carrier family 40 (iron-regulated transporter), member 1
364410 Kctd9	potassium channel tetramerization domain containing 9
306013 Lgi3	leucine-rich repeat LGI family, member 3
288718 Tfip11	tuftelin interacting protein 11
293142 Spcs2	signal peptidase complex subunit 2 homolog ( <i>S. cerevisiae</i> )
84588 Cldn11	claudin 11
361634 Ccp110	centriolar coiled coil protein 110kDa
29511 Padl2	peptidyl arginine deiminase, type II
25230 Add3	adducin 3 (gamma)
307382 Napg	N-ethylmaleimide-sensitive factor attachment protein, gamma
307927 Taf5l	TAF5-like RNA polymerase II, p300/CBP-associated factor (PCAF)-associated factor
297902 Gem	GTP binding protein overexpressed in skeletal muscle
298189 Bnc2	basonuclin 2
310806 Cdc14a	cell division cycle 14A
24413 Nr3c1	nuclear receptor subfamily 3, group C, member 1
309429 Kank1	KN motif and ankyrin repeat domains 1
287709 Rab5c	RAB5C, member RAS oncogene family
361103 Zmiz1	zinc finger, MIZ-type containing 1
25718 Igf1r	insulin-like growth factor 1 receptor
295283 Ankrd34a	ankyrin repeat domain 34A
306886 Ripk1	receptor (TNFRSF)-interacting serine-threonine kinase 1
306091 Pcdh9	protocadherin 9
498100 Mb21d2	Mab-21 domain containing 2
297910 Slc26a7	solute carrier family 26 (anion exchanger), member 7
64033 Ccnd2	cyclin D2
294429 Ranbp2	RAN binding protein 2
362871 Elk3	ELK3, member of ETS oncogene family
292808 Pepd	peptidase D
296048 Lpcat4	lysophosphatidylcholine acyltransferase 4
171151 Slc25a21	solute carrier family 25 (mitochondrial oxoadipate carrier), member 21
309129 Fcho2	FCH domain only 2
314157 Fbxo33	F-box protein 33
84410 Klf5	Kruppel-like factor 5
84586 Fgl2	fibrinogen-like 2
291640 Slc25a2	solute carrier family 25 (mitochondrial carrier, ornithine transporter) member 2
311384 Sema6d	sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6D
290669 Gatad2a	GATA zinc finger domain containing 2A
287834 Recq5	RecQ protein-like 5
83518 Aplnr	apelin receptor
24379 Gad1	glutamate decarboxylase 1
291130 Dcdc2	doublecortin domain containing 2
499615 Lhfp	lipoma HMGIC fusion partner
365266 Atp10a	ATPase, class V, type 10A
305549 Peli1	pellino E3 ubiquitin protein ligase 1
290326 Pbk	PDZ binding kinase
64185 Cap1	CAP, adenylate cyclase-associated protein 1 (yeast)
309804 Cdk19	cyclin-dependent kinase 19
310764 Fam212b	family with sequence similarity 212, member B
296235 LOC296235	similar to Cystatin S precursor (LM protein)
309227 Glyatl1	glycine-N-acyltransferase-like 1
299204 Nek9	NIMA-related kinase 9
364867 Ticam2	toll-like receptor adaptor molecule 2
316976 Mettl20	methyltransferase like 20
362778 Gskip	GSK3B interacting protein
364629 Tpte2	transmembrane phosphoinositide 3-phosphatase and tensin homolog 2
689917 Gpr21	G protein-coupled receptor 21
360243 Top2a	topoisomerase (DNA) II alpha
29376 Irs2	insulin receptor substrate 2
192264 Ear11	eosinophil-associated, ribonuclease A family, member 11
288937 Serpinb8	serpin peptidase inhibitor, clade B (ovalbumin), member 8
305317 Guf1	GUF1 GTPase homolog ( <i>S. cerevisiae</i> )
117020 Mcf2l	MCF.2 cell line derived transforming sequence-like
494320 Ccdc8	Ccdc8 coiled-coil domain containing 8
303311 Rtn4rl1	reticulon 4 receptor-like 1
286981 Vom2r32	vomer nasal 2 receptor, 32

312890	Gdap1	ganglioside-induced differentiation-associated-protein 1
29309	Coq3	coenzyme Q3 methyltransferase
500036	Ppp1r3a	protein phosphatase 1, regulatory subunit 3A
116658	Cntn4	contactin 4
305351	Klhl5	kelch-like family member 5
310533	Rapgef2	Rap guanine nucleotide exchange factor (GEF) 2
363210	Phf3	PHD finger protein 3
303586	Wnt9b	wingless-type MMTV integration site family, member 9B
691543	Katnbl1	katanin p80 subunit B-like 1
26955	Mllt4	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 4
64155	Scn7a	sodium channel, voltage-gated, type VII, alpha subunit
64387	Ccdc80	coiled-coil domain containing 80
24772	Cxcl12	chemokine (C-X-C motif) ligand 12
300359	Ccdc82	coiled-coil domain containing 82
314543	Gulp1	GULP, engulfment adaptor PTB domain containing 1
499508	Zfyve16	zinc finger, FYVE domain containing 16

## mmu-miR-369-5p

SYMBOL	NAME
<b>172.0</b>	
50558 Npepps	aminopeptidase puromycin sensitive
362182 Rcn1	reticulocalbin 1, EF-hand calcium binding domain
498909 Coq9	coenzyme Q9
289693 Dhx15	DEAH (Asp-Glu-Ala-His) box helicase 15
364835 Sft2d3	SFT2 domain containing 3
313067 Tmem67	transmembrane protein 67
25316 Ms4a2	membrane-spanning 4-domains, subfamily A, member 2
316775 Ankrd12	ankyrin repeat domain 12
24504 Inha	inhibin alpha
365755 Tbl1xr1	transducin (beta)-like 1 X-linked receptor 1
290741 Dctd	dCMP deaminase
498728 Elovl2	ELOVL fatty acid elongase 2
300813 Rnf111	ring finger protein 111
361233 Ssr1	signal sequence receptor, alpha
361700 Kdm2a	lysine (K)-specific demethylase 2
25635 Mc4r	melanocortin 4 receptor
246116 Ptpn4	protein tyrosine phosphatase, non-receptor type 4
306766 LOC306766	hypothetical LOC306766
680668 Tpk1	thiamin pyrophosphokinase 1
29717 Cacna1g	calcium channel, voltage-dependent, T type, alpha 1G subunit
83727 Fbn1	fibillin 1
499935 Tti1	TELO2 interacting protein 1
498486 Gnpnat1	glucosamine-phosphate N-acetyltransferase 1
312563 Prickle2	prickle homolog 2 (Drosophila)
366196 Cris1	cardiolipin synthase 1
502900 Clec12b	C-type lectin domain family 12, member B
306460 Enpp6	ectonucleotide pyrophosphatase/phosphodiesterase 6
25334 Bhlha15	basic helix-loop-helix family, member a15
54348 Stk39	serine threonine kinase 39
294643 Lhfp12	lipoma HMGIC fusion partner-like 2



SYMBOL	NAME
4766.5	
292462 Lrp11	low density lipoprotein receptor-related protein 11
116589 Serpinb5	serpin peptidase inhibitor, clade B (ovalbumin), member 5
313969 Fam84a	family with sequence similarity 84, member A
312927 Rb1cc1	RB1-inducible coiled-coil 1
685465 Polr3g	polymerase (RNA) III (DNA directed) polypeptide G
171087 Mpc1	mitochondrial pyruvate carrier 1
288167 Senp7	SUMO1/sentrin specific peptidase 7
286970 Abca5	ATP-binding cassette, subfamily A (ABC1), member 5
310721 Fam46c	family with sequence similarity 46, member C
24805 Syt2	synaptotagmin II
306152 Slitrk5	SLIT and NTRK-like family, member 5
81816 Ube2b	ubiquitin-conjugating enzyme E2B
192178 Tnrc6b	trinucleotide repeat containing 6B
361233 Ssr1	signal sequence receptor, alpha
24242 Calm1	calmodulin 1
29618 Btg1	B-cell translocation gene 1, anti-proliferative
303968 Ift57	intraflagellar transport 57
309922 Rhobtb3	Rho-related BTB domain containing 3
25696 Ildr	very low density lipoprotein receptor
499510 Spz1	spermatogenic leucine zipper 1
313236 Trim14	tripartite motif-containing 14
308624 Heca	headcase homolog (Drosophila)
25297 Cacnb3	calcium channel, voltage-dependent, beta 3 subunit
362897 Uqcrb	ubiquinol-cytochrome c reductase binding protein
295061 Tm4sf1	transmembrane 4 L six family member 1
83835 Chic2	cysteine-rich hydrophobic domain 2
293820 Psat1	phosphoserine aminotransferase 1
300177 Irak4	interleukin-1 receptor-associated kinase 4
311909 Rc3h2	ring finger and CCCH-type domains 2
289521 Ankrd17	ankyrin repeat domain 17
100271845 LOC100271845	hypothetical protein LOC100271845
311450 Pak7	p21 protein (Cdc42/Rac)-activated kinase 7
303469 Dlx4	distal-less homeobox 4
171458 Ipmk	inositol polyphosphate multikinase
311617 Fitm2	fat storage-inducing transmembrane protein 2
50672 Ednrb	endothelin receptor type B
304786 Elk4	ELK4, ETS-domain protein (SRF accessory protein 1)
498153 Gpr146	G protein-coupled receptor 146
25584 F3	F3 coagulation factor III (thromboplastin, tissue factor)
305922 Lats2	large tumor suppressor kinase 2
266685 Ugt2b17	UDP glucuronosyltransferase 2 family, polypeptide B15
361832 Olfm2a	olfactomedin-like 2A
361071 Sucla2	succinate-CoA ligase, ADP-forming, beta subunit
690693 Ddx19b	DEAD (Asp-Glu-Ala-As) box polypeptide 19B
192357 Gmpr2	guanosine monophosphate reductase 2
689890 Srsf1	serine/arginine-rich splicing factor 1
306261 Eaf1	ELL associated factor 1
312727 Tspan11	tetraspanin 11
304714 Rrn3	RRN3 RNA polymerase I transcription factor homolog (S. cerevisiae)
499929 Tgif2	TGFB-induced factor homeobox 2
246116 Ptpn4	protein tyrosine phosphatase, non-receptor type 4
288753 Diablo	diablo, IAP-binding mitochondrial protein
314205 Arid4a	AT rich interactive domain 4A (Rbp1 like)
294643 Lhfp12	lipoma HMGIC fusion partner-like 2
294408 Asf1a	anti-silencing function 1A histone chaperone
300173 Gxylt1	glucoside xylosyltransferase 1
298184 Zdhhc21	zinc finger, DHHC-type containing 21
25311 Dcc	DCC netrin 1 receptor
294074 Cep55	centrosomal protein 55
306571 Kat6a	K(lysine) acetyltransferase 6A
362229 Xrn2	5'-3' exoribonuclease 2
360839 Tmem163	transmembrane protein 163
24783 Slc9a2	solute carrier family 9, subfamily A (NHE2, cation proton antiporter 2), member 2
289526 Vcsa2	variable coding sequence A2
306695 Zfp367	zinc finger protein 367
60327 F13a1	coagulation factor XIII, A1 polypeptide
63866 Asic5	acid-sensing (proton-gated) ion channel family member 5
297768 Lactb2	lactamase, beta 2
308739 Rgma	repulsive guidance molecule family member A
304508 Oas1d	2'-5' oligoadenylate synthetase 1D
29480 Rgs4	regulator of G-protein signaling 4
24398 Glis	glutaminase
303439 Mmd	monocyte to macrophage differentiation-associated
303602 Dcaf7	DDB1 and CUL4 associated factor 7
315798 Zfp280d	zinc finger protein 280D
499624 Tsc22d2	TSC22 domain family, member 2
500137 Neurod6	neuronal differentiation 6
25605 Hcrtr2	hypocretin (orexin) receptor 2
309196 Ttc9c	tetratricopeptide repeat domain 9C
308023 Ssx2ip	synovial sarcoma, X breakpoint 2 interacting protein
361504 Rdh13	retinol dehydrogenase 13 (all-trans/9-cis)
296616 Cercam	cerebral endothelial cell adhesion molecule
310086 Mier3	mesoderm induction early response 1, family member 3
296281 Plagl2	pleiomorphic adenoma gene-like 2

24874	Vhl	von Hippel-Lindau tumor suppressor, E3 ubiquitin protein ligase
498160	Zkscan1	zinc finger with KRAB and SCAN domains 1 [ Rattus norvegicus
315939	Pxylp1	2-phosphoxylose phosphatase 1
316153	Sult1c2a	sulfotransferase family, cytosolic, 1C, member 2a
303101	Maml1	mastermind like 1 (Drosophila)
79247	Htr5b	5-hydroxytryptamine (serotonin) receptor 5B
499563	Zfp458	zinc finger protein 458
314212	Daam1	dishevelled associated activator of morphogenesis 1
311901	Lhx6	LIM homeobox 6
54190	Rabep1	rabaptin, RAB GTPase binding effector protein 1
64473	Bpnt1	3'(2'), 5'-bisphosphate nucleotidase 1
117087	Stim2	stromal interaction molecule 2
300719	Cib2	calcium and integrin binding family member 2
117520	Oxr1	oxidation resistance 1
304988	Mnda	myeloid cell nuclear differentiation antigen
362521	Tmem38b	transmembrane protein 38B



## mmu-miR-294

SYMBOL	NAME
<b>4785.5</b>	
499510 Spz1	Spz1 spermatogenic leucine zipper 1
360839 Tmem163	transmembrane protein 163
311876 Pbx3	pre-B-cell leukemia homeobox 3
308624 Heca	headcase homolog (Drosophila)
171178 Adh7	alcohol dehydrogenase 7 (class IV), mu or sigma polypeptide
24779 Slc4a1	solute carrier family 4 (anion exchanger), member 1
307075 Wdr37	WD repeat domain 37
316599 Usp40	ubiquitin specific peptidase 40
304337 Zfp68	zinc finger protein 68
362521 Tmem38b	transmembrane protein 38B
140666 Rcan2	regulator of calcineurin 2
29618 Btg1	B-cell translocation gene 1, anti-proliferative
307859 Chst5	carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 5
363236 Fam117b	family with sequence similarity 117, member B
79209 Frk	fyn-related Src family tyrosine kinase
361233 Ssr1	signal sequence receptor, alpha
499900 Zfp133	zinc finger protein 133
192359 Zc3h14	zinc finger CCCH type containing 14
29357 Smad2	SMAD family member 2
362861 Slc41a2	solute carrier family 41 (magnesium transporter), member 2
287299 Mfap3	microfibrillar-associated protein 3
690961 Cog2	component of oligomeric golgi complex 2
315463 RGD1309188	similar to hypothetical protein BC011833
304988 Mnda	myeloid cell nuclear differentiation antigen
54190 Rabep1	rabaptin, RAB GTPase binding effector protein 1
288167 Senp7	SUMO1/sentrin specific peptidase 7
362061 Cryz	crystallin, zeta (quinone reductase)
498420 Etaa1	Ewing tumor-associated antigen 1
100188984 Zfp951	zinc finger protein 951
294601 Ankrd32	ankyrin repeat domain 32
315435 Panx1	Pannexin 1
300756 Arih1	ariadne RBR E3 ubiquitin protein ligase 1
294408 Asf1a	anti-silencing function 1A histone chaperone
25608 Lep	leptin
301261 Enpp4	ectonucleotide pyrophosphatase/phosphodiesterase 4
292536 Prpf31	pre-mRNA processing factor 31
300666 C2cd2l	C2CD2-like
315265 Twf1	twinfilin actin-binding protein 1
295691 Frzb	frizzled-related protein
24242 Calm1	calmodulin 1
296708 Bicc1	BicC family RNA binding protein 1
84550 Slc24a2	solute carrier family 24 (sodium/potassium/calcium exchanger), member 2
292462 Lrp11	low density lipoprotein receptor-related protein 11
289584 Usp46	ubiquitin specific peptidase 46
361504 Rdh13	retinol dehydrogenase 13 (all-trans/9-cis)
365903 Fam102b	family with sequence similarity 102, member B
311901 Lhx6	LIM homeobox 6
302934 Ppl	periplakin
499331 LOC499331	similar to hypothetical protein D030056L22
171528 Gzmb	granzyme B (granzyme 2, cytotoxic T-lymphocyte-associated serine esterase 1)
313969 Fam84a	family with sequence similarity 84, member A
360389 Zfp422	zinc finger protein 422
500137 Neurod6	neuronal differentiation 6
25367 Adarb1	adenosine deaminase, RNA-specific, B1
686081 B3galt2	UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 2
24805 Syt2	synaptotagmin
306720 Ctsm	cathepsin M
307547 Zfp35	zinc finger protein 35
500367 Klhl42	kelch-like family, member 42
312727 Tspan11	tetraspanin 11
24398 Glis	glutaminase
266685 Ugt2b17	UDP glucuronosyltransferase 2 family, polypeptide B15
304150 Usp25	ubiquitin specific peptidase 25
64457 NdrG4	NDRG family member 4
117087 Stim2	stromal interaction molecule 2
364420 Tnfrsf10b	tumor necrosis factor receptor superfamily, member 10b
25696 Vldlr	very low density lipoprotein receptor
291908 Tox3	TOX high mobility group box family member 3
295457 Cisd2	CDGSH iron sulfur domain 2
499563 Zfp458	zinc finger protein 458
298873 Slc7a15	solute carrier family 7 (cationic amino acid transporter, y+ system), member 15
288057 Mylk	myosin light chain kinase
308739 Rgma	repulsive guidance molecule family member A
171525 Polk	polymerase (DNA directed) kappa
289526 Vcsa2	variable coding sequence A2
314205 Arid4a	AT rich interactive domain 4A (Rbp1 like)
307927 Taf5l	TAF5-like RNA polymerase II, p300/CBP-associated factor (PCAF)-associated factor
291352 Gpr158	G protein-coupled receptor 158
315478 Snx19	sorting nexin 19
363289 Mterfd2	MTERF domain containing 2
293526 Ate1	arginyltransferase 1
170927 Clcc1	chloride channel CLIC-like 1
29172 Aqp8	aquaporin 8
300783 Ptplad1	protein tyrosine phosphatase-like A domain containing 1

689890	Srsf1	serine/arginine-rich splicing factor 1
64371	Prdx3	peroxiredoxin 3
501160	Vwc2l	von Willebrand factor C domain-containing protein 2-like
315134	Josd1	Josephin domain containing 1
114559	Arhgef7	Rho guanine nucleotide exchange factor (GEF) 7
315798	Zfp280d	zinc finger protein 280D
365963	Lhx8	LIM homeobox 8
360917	Cnot6l	CCR4-NOT transcription complex, subunit 6-like
288079	Polq	polymerase (DNA directed), theta
171151	Slc25a21	solute carrier family 25 (mitochondrial oxoadipate carrier), member 21
29545	Uchl1	ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase)
362591	Mtf1	metal-regulatory transcription factor 1
94338	Smpd3	sphingomyelin phosphodiesterase 3, neutral membrane
294074	Cep55	centrosomal protein 55
300173	Gxylt1	glucoside xylosyltransferase 1
308568	Fv1	Friend virus susceptibility 1

SYMBOL	NAME
<b>3118.0</b>	
83826 Nr5a1	nuclear receptor subfamily 5, group A, member 1
314325 Gpatch2l	G patch domain containing 2-like
26759 Acot7	acyl-CoA thioesterase 7
308028 Slc2a12	solute carrier family 2 (facilitated glucose transporter), member 12
310086 Mier3	mesoderm induction early response 1, family member 3
289233 Pex19	peroxisomal biogenesis factor 19
361508 Mzf1	myeloid zinc finger 1
266732 Npc1	Niemann-Pick disease, type C1
315611 Scn4b	sodium channel, voltage-gated, type IV, beta subunit
498185 Slc24a6	solute carrier family 24 (sodium/lithium/calcium exchanger), member 6
311387 Slc24a5	solute carrier family 24 (sodium/potassium/calcium exchanger), member 5
298944 Gpr22	G protein-coupled receptor 22
293704 Trpt1	tRNA phosphotransferase 1
305000 Exo1	exonuclease 1
89814 Tnfsf4	tumor necrosis factor (ligand) superfamily, member 4
58844 Grb14	growth factor receptor bound protein 14
363122 Ppp2r3a	protein phosphatase 2, regulatory subunit B', alpha
362881 RGD1306474	similar to RIKEN cDNA 9530003J23
296349 Ttpal	tocopherol (alpha) transfer protein-like
64161 Pi4ka	phosphatidylinositol 4-kinase, catalytic, alpha
290409 Olfm4	olfactomedin 4
308911 Rrp8	ribosomal RNA processing 8, methyltransferase, homolog (yeast)
295357 Lamtor5	late endosomal/lysosomal adaptor, MAPK and MTOR activator 5
81649 Mapk14	mitogen activated protein kinase 14
499744 Il36g	interleukin 36, gamma
24708 Rb1	retinoblastoma 1
290802 Ubxn8	UBX domain protein 8
315508 Ncapd3	non-SMC condensin II complex, subunit D3
310019 Utp15	UTP15, U3 small nucleolar ribonucleoprotein, homolog (S. cerevisiae)
29157 Ccng2	cyclin G2
56780 Acpp	acid phosphatase, prostate
361274 Nudt5	nudix (nucleoside diphosphate linked moiety X)-type motif 5
315722 Adpgk	ADP-dependent glucokinase
315824 Bmp5	bone morphogenetic protein 5
360726 Fytd1	forty-two-three domain containing 1
685756 Tmem229a	transmembrane protein 229A
298914 Itgb1bp1	integrin beta 1 binding protein 1
314785 Tmtc3	transmembrane and tetratricopeptide repeat containing 3
140923 Bnip3l	BCL2/adenovirus E1B interacting protein 3-like
362688 Gemin6	gem (nuclear organelle) associated protein 6
308326 Zfp667	zinc finger protein 667
58945 Dynl1	dynein light chain LC8-type 1
295382 Ntng1	netrin G1
304799 Ppp1r15b	protein phosphatase 1, regulatory subunit 15B
83582 Polr1b	polymerase (RNA) I polypeptide B
292535 Leng1	leukocyte receptor cluster (LRC) member 1
63883 Kcne3	potassium voltage-gated channel, Isk-related family, member 3
362093 Wdr5	WD repeat domain 5
311651 Slc9a8	solute carrier family 9, subfamily A (NHE8, cation proton antiporter 8), member 8
115768 Zfp37	zinc finger protein 37
306274 Ercc6	excision repair cross-complementation group 6
294154 LOC294154	similar to chromosome 6 open reading frame 106 isoform a
500430 Ankrd6	ankyrin repeat domain 6
316663 Fbxl17	F-box and leucine-rich repeat protein 17
314771 Kera	keratocan
79208 Epha5	EPH receptor A5
65189 Stk3	serine/threonine kinase 3
500707 Tc2n	tandem C2 domains, nuclear
85497 Klf15	Kruppel-like factor 15
299246 Ttc8	tetratricopeptide repeat domain 8
25466 Il1rap	interleukin 1 receptor accessory protein
361968 Tmem144	transmembrane protein 144
313270 Megf9	multiple EGF-like-domains 9
690693 Ddx19b	DEAD (Asp-Glu-Ala-As) box polypeptide 19B
266759 Hspa4	heat shock protein 4
498160 Zkscan1	zinc finger with KRAB and SCAN domains 1
689995 Ppp1r3d	protein phosphatase 1, regulatory subunit 3D
309810 RGD1304770	similar to Na+ dependent glucose transporter 1
288264 Ifnar1	interferon (alpha, beta and omega) receptor 1
361954 Vephl	ventricular zone expressed PH domain-containing 1
25469 Kcna4	potassium voltage-gated channel, shaker-related subfamily, member 4
361389 Anapc10	anaphase promoting complex subunit 10
361771 Zdhhc6	zinc finger, DHHC-type containing 6
362293 Dnajb6	DnaJ (Hsp40) homolog, subfamily B, member 6
29331 Hapln1	hyaluronan and proteoglycan link protein 1
292548 Zfp418	zinc finger protein 418
293939 Erlin1	ER lipid raft associated 1
25439 F2r	coagulation factor II (thrombin) receptor
500367 Klhl42	kelch-like family, member 42
313969 Fam84a	family with sequence similarity 84, member A
312227 Cnot4	CCR4-NOT transcription complex, subunit 4
303601 Cyb561	cytochrome b-561
366894 Trhde	thyrotropin-releasing hormone degrading enzyme
432393 Kppr	keratinocyte proline-rich protein

287931	Ppm1f	protein phosphatase, Mg <sup>2+</sup> /Mn <sup>2+</sup> dependent, 1F
25361	Vcam1	vascular cell adhesion molecule 1
295326	Mab2113	mab-21-like 3 (C. elegans)
363783	Zdhhc23	zinc finger, DHHC-type containing 23
287768	Smndc1	survival motor neuron domain containing 1
311508	Gzf1	GDNF-inducible zinc finger protein 1
25327	Kcnc1	potassium voltage gated channel, Shaw-related subfamily, member 1
297334	Mrpl35	mitochondrial ribosomal protein L35
310903	Adh6	alcohol dehydrogenase 6 (class V)
295922	Mtch2	mitochondrial carrier 2
116728	Sept5	septin 5
24500	Il9r	interleukin 9 receptor
25300	Cd247	Cd247 molecule
303439	Mmd	monocyte to macrophage differentiation-associated
266674	Cyp4a8	cytochrome P450, family 4, subfamily a, polypeptide 8
311876	Pbx3	pre-B-cell leukemia homeobox 3
311071	Zeb2	zinc finger E-box binding homeobox 2
192235	Hyou1	hypoxia up-regulated 1

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	SYMBOL	NAME
	172.5	
289084	RGD1309104	similar to RIKEN cDNA 1700025G04 gene
362375	Lancl2	LanC lantibiotic synthetase component C-like 2 (bacterial)
361059	Ccdc25	coiled-coil domain containing 25
313087	Cpne3	copine III
500563	Fam110d	family with sequence similarity 110, member D
29436	Tfpi	tissue factor pathway inhibitor (lipoprotein-associated coagulation inhibitor)
304271	Rnf6	ring finger protein (C3H2C3 type) 6
311987	Rsbn1l	round spermatid basic protein 1-like
360810	Gpn3	GPN-loop GTPase 3
500616	Socs5	suppressor of cytokine signaling 5
29642	Slc38a2	solute carrier family 38, member 2
316256	Tnfrsf21	tumor necrosis factor receptor superfamily, member 21
303212	Zfp287	zinc finger protein 287
25486	Myo9b	myosin IXb
65031	Doc2a	double C2-like domains, alpha
315806	Prtg	protogenin
315962	Ky	kyphoscoliosis peptidase
295378	Vav3	vav 3 guanine nucleotide exchange factor
365592	Pdss2	prenyl (decaprenyl) diphosphate synthase, subunit 2
362521	Tmem38b	transmembrane protein 38B
291259	Zmynd11	zinc finger, MYND-type containing 11
313391	Atg4c	autophagy related 4C, cysteine peptidase
114117	Gng3	guanine nucleotide binding protein (G protein), gamma 3
304488	Pptc7	PTC7 protein phosphatase homolog (S. cerevisiae)
300900	Plscr4	phospholipid scramblase 4
314981	Col14a1	collagen, type XIV, alpha 1
124461	Pacsin2	protein kinase C and casein kinase substrate in neurons 2
25113	Ddn	dendrin
171438	Crtac1	cartilage acidic protein 1
299201	Dlst	dihydroliipoamide S-succinyltransferase (E2 component of 2-oxo-glutarate complex)



SYMBOL	NAME
<b>4755.0</b>	
24215 Atp2b2	ATPase, Ca <sup>++</sup> transporting, plasma membrane 2
25275 Cnp	2',3'-cyclic nucleotide 3' phosphodiesterase
114093 St14	suppression of tumorigenicity 14 (colon carcinoma)
304286 Lmtk2	lemur tyrosine kinase 2
361718 Naa40	N(alpha)-acetyltransferase 40, NatD catalytic subunit
312563 Prickle2	prickle homolog 2 (Drosophila)
365022 Rnf166	ring finger protein 166
304860 Npl	N-acetylneuraminatase pyruvate lyase
287974 Kihl6	kelch-like family member 6
293042 Sema4b	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4B
292461 Raet1l	retinoic acid early transcript 1L
313373 Cyp2j10	cytochrome P450, family 2, subfamily j, polypeptide 10
501925 Slc2a9	solute carrier family 2 (facilitated glucose transporter), member 9
293489 Slx1b	SLX1 structure-specific endonuclease subunit homolog B (S. cerevisiae)
308015 Clca1	chloride channel accessory 1
245920 Cxcl10	chemokine (C-X-C motif) ligand 10
29344 Zfp361	zinc finger protein 36, C3H type-like 1
116744 Lpar1	lysophosphatidic acid receptor 1
361689 Unc93b1	unc-93 homolog B1 (C. elegans)
293186 Lyve1	lymphatic vessel endothelial hyaluronan receptor 1
292810 Gpatch1	G patch domain containing 1
296623 Fam73b	family with sequence similarity 73, member B
499990 Tmem243	transmembrane protein 243, mitochondrial
113983 Pitx1	paired-like homeodomain 1
499765 RGDI564114	similar to FLJ46082 protein
685474 Zfp385a	zinc finger protein 385A
29309 Coq3	coenzyme Q3 methyltransferase
29148 Myog	myogenin
315567 Panx3	pannexin 3
296349 Ttpal	tocopherol (alpha) transfer protein-like
24681 Prkcg	protein kinase C, gamma
85385 Shc1	SHC (Src homology 2 domain containing) transforming protein 1
365755 Tbl1xr1	transducin (beta)-like 1 X-linked receptor 1
362401 Tmem43	transmembrane protein 43
306765 Zfp346	zinc finger protein 346
315594 Oaf	OAF homolog (Drosophila)
307271 Mex3c	mex-3 RNA binding family member C
64679 Tgm4	transglutaminase 4
361495 Usp29	ubiquitin specific peptidase 29
304337 Zfp68	zinc finger protein 68
116654 Exoc4	exocyst complex component 4
362988 Cpne8	copine VIII
365793 Rab33b	RAB33B, member RAS oncogene family
303547 Ezh1	enhancer of zeste 1 polycomb repressive complex 2 subunit
299139 Slc38a6	solute carrier family 38, member 6
691149 Capza1	capping protein (actin filament) muscle Z-line, alpha 1
404783 Hyal4	hyaluronoglucosaminidase 4
306687 Hiat1	hippocampus abundant transcript-like 1
690212 Slc16a5	solute carrier family 16 (monocarboxylate transporter), member 5
303330 Tmem97	transmembrane protein 97
171433 Micu2	mitochondrial calcium uptake 2
287097 Hcfc1r1	host cell factor C1 regulator 1 (XPO1-dependent)
365410 Osbp	oxysterol binding protein
304666 Klf1	Kruppel-like factor 1 (erythroid)
25482 Mras	muscle RAS oncogene homolog
314855 Cpm	carboxypeptidase M
303514 Msl1	male-specific lethal 1 homolog (Drosophila)
296708 Olfm12a	olfactomedin-like 2A
309678 Trappc10	trafficking protein particle complex 10
289994 Cnih1	cornichon family AMPA receptor auxiliary protein 1
680229 Sgcb	sarcoglycan, beta (dystrophin-associated glycoprotein)
282827 Aip	aryl-hydrocarbon receptor-interacting protein
314273 Dcaf5	DDB1 and CUL4 associated factor 5
365355 Rras2	related RAS viral (r-ras) oncogene homolog 2
304645 Tbc1d9	TBC1 domain family, member 9 (with GRAM domain)
58838 Sh2b3	SH2B adaptor protein 3
293451 Hs3st2	heparan sulfate (glucosamine) 3-O-sulfotransferase 2
363140 Rassf1	Ras association (RalGDS/AF-6) domain family member 1
313865 Thada	thyroid adenoma associated
312227 Cnot4	CCR4-NOT transcription complex, subunit 4
246116 Ptpn4	protein tyrosine phosphatase, non-receptor type 4
304962 Atf6	activating transcription factor 6
305549 Peli1	pellino E3 ubiquitin protein ligase 1
29476 Glg1	golgi glycoprotein 1
312077 Golga3	golgin A3
292537 Oscar	osteoclast associated, immunoglobulin-like receptor
116465 Ifngr1	interferon gamma receptor 1
300857 Tmem30a	transmembrane protein 30A
310250 Zfx4	zinc finger homeobox 4
24680 Prkca	protein kinase C, alpha
300173 Gxylt1	glucoside xylosyltransferase 1
362687 Srsf7	serine/arginine-rich splicing factor 7
499461 Wisp3	WNT1 inducible signaling pathway protein 3
362235 Syndig1	synapse differentiation inducing 1

360697	Ifngr2	interferon gamma receptor 2
114107	Kremen1	kringle containing transmembrane protein 1
299347	Brf1	BRF1, RNA polymerase III transcription initiation factor 90 subunit
297968	Akirin2	akirin 2
367304	Ap1s3	adaptor-related protein complex 1, sigma 3 subunit
311952	Galnt11	polypeptide N-acetylgalactosaminyltransferase 11
59113	Kmo	kynurenine 3-monooxygenase (kynurenine 3-hydroxylase)
498368	LOC498368	similar to RIKEN cDNA 0610040J01
365024	Chmp1a	charged multivesicular body protein 1A
100174910	LOC100174910	glutaredoxin-like protein
113894	Sqstm1	sequestosome 1
24503	Ina	internexin neuronal intermediate filament protein, alpha
29651	Aldh1a7	aldehyde dehydrogenase family 1, subfamily A7
114214	Dffa	DNA fragmentation factor, alpha subunit
362065	Wls	wntless Wnt ligand secretion mediator
286918	Mx2	myxovirus (influenza virus) resistance 2