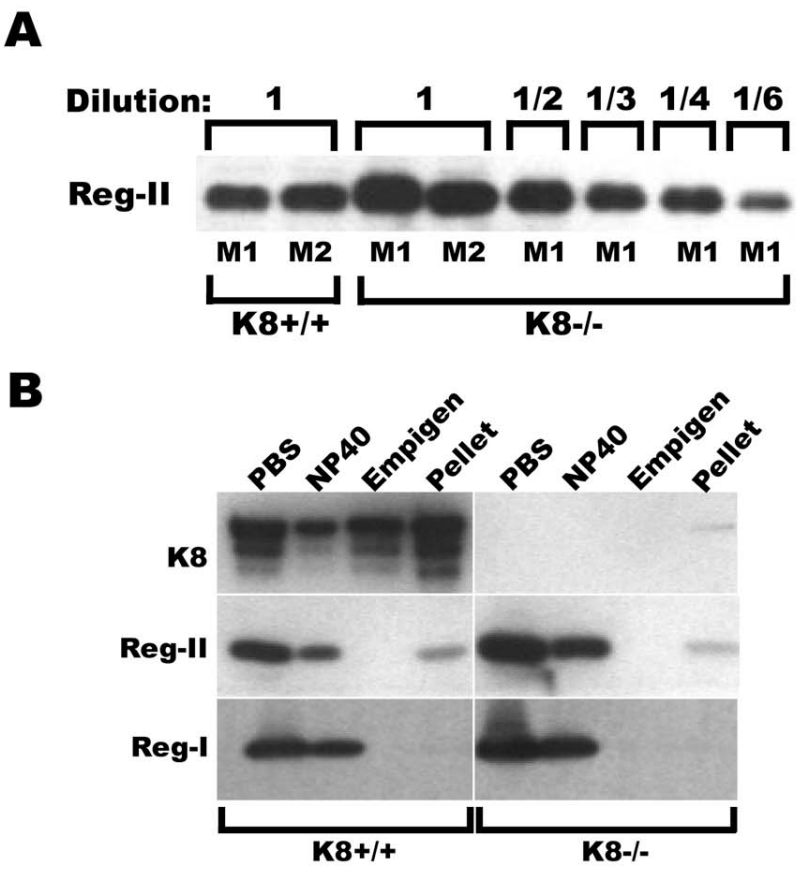
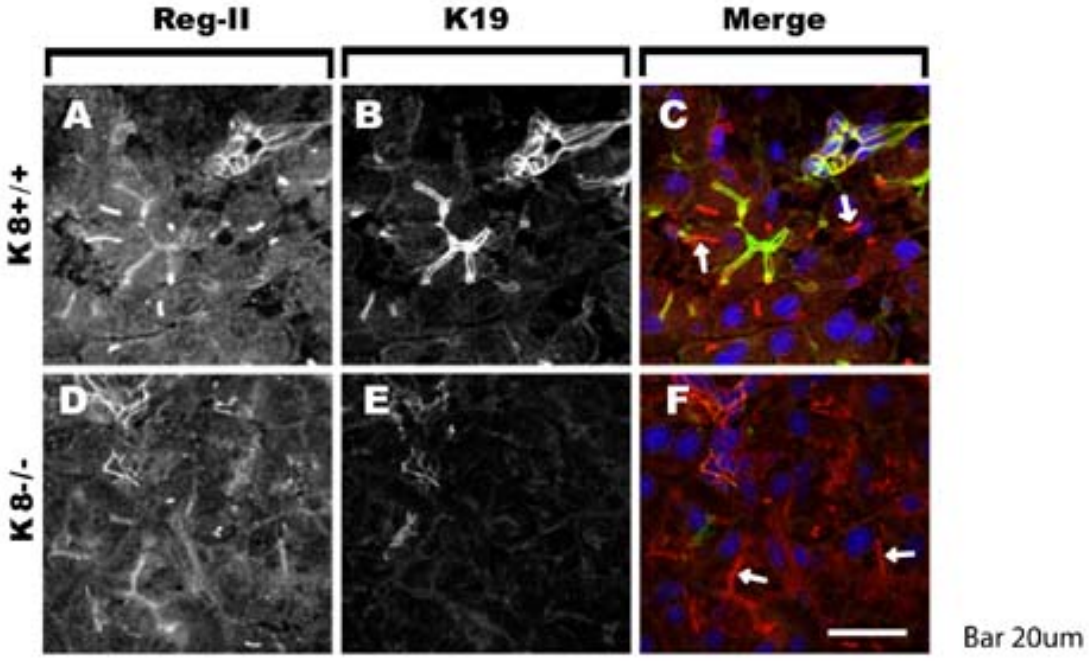


Supplemental Figure 1.

(A) Quantification of Reg-II protein levels in the pancreata of K8 wild type and knockout mice. Pancreata from two wild-type and two K8-null mice (M1 and M2) were solubilized in sample buffer followed by immunoblotting equal amounts of protein using anti-Reg-II antibody. Serial dilutions were from one of the K8-null pancreas homogenate was also included. Note that the relative level of Reg-II in the K8-null pancreas is approximately 3-fold more than in control wild-type case. **(B) Solubility of Reg-I/II in pancreata of K8 wild-type and knockout mice in various tissue compartments.** Pancreata were homogenized (4 °C) in PBS (pH7.4) containing 5 mM EDTA and a protease inhibitor cocktail (detergent-free buffer), then separated into "PBS" and insoluble fractions by centrifugation. The pellet was solubilized with 1% NP40 in the detergent-free buffer followed by centrifugation to generate an "NP40 fraction" and a pellet. The pellet was further solubilized using 1% Empigen in the detergenet-free buffer. The remaining insoluble pellet was then dissolved in SDS-containing sample buffer. Equal proportions of each fraction were then analyzed by immune blotting using antibodies to the indicated antigens. Note that the similar partitioning of Reg-II and (Reg-I) in the detergent-free and NP40 fractions.



Supplemental Figure 2.

Reg-II protein distribution in K8-WT and K8-null mouse pancreata. Immuno-fluorescence triple-staining depicts the distribution of Reg-II (A and D; red) and K19 (B and E; green) and a merged image that also includes nuclear staining (C and F; blue) in pancreata of K8-WT (A-C) and K8-null mice (D-F). In K8-WT mice, Reg-II staining is noted in close proximity to K19 staining in ductal cells and just outside of apicolateral keratin filaments of acinar cells, but is also observed in rods-like pattern apart from K19 fluorescence (e.g., arrows in panel C). In K8-null mice, Reg-II exhibits similar staining pattern to the K8-WT mice, but does not co-localize with the K19 fluorescence of acinar cells, since K19 acinar keratin staining is largely missing in these mice. The luminal Reg-II staining in K8-null pan-creata is highlighted by arrows in panel F.

Supplemental Table 1.

Acc. No.	Gene Name	FC	q-value (%)
AV078371	regenerating islet-derived 2	14.67	0.1983
AV061702	islet neogenesis associated protein-related protein	4.09	0.0924
AV058239	regenerating islet-derived 1	3.36	0.0924
AV078576	regenerating islet-derived 1	3.29	0.0924
AV059081	regenerating islet-derived 1	3.24	0.0924
AV058349	EST	3.16	0.0924
AV054253	regenerating islet-derived 1	3.16	0.0924
AV074002	regenerating islet-derived 1	2.96	0.0924
AV058164	regenerating islet-derived 1	2.76	0.0924
AV103696	RIKEN cDNA 1700020G04 gene	2.74	0.1983
AV058190	thioredoxin domain containing 5	2.72	0.0924
BG073081	expressed sequence AW556347	2.63	0.1416
AV059392	trypsin 4	2.51	0.4750
AA066988	trypsin 4	2.44	0.1983
AV006375	hemoglobin, beta adult major chain	2.43	0.1983
AV006208	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, epsilon polypeptide	2.34	0.2453
AV059832	EST	2.31	0.3691
BG075716	EST	2.27	0.3691
BG072210	cDNA sequence BC021790	2.26	0.3691
BG073049	EST	2.21	0.4750
AV078014	trypsin 4	2.20	0.4750
BG072999	RIKEN cDNA 4632407P03 gene	2.13	0.4750
AW546688	EST	2.08	0.4750
AA021906	TEA domain family member 1	2.05	0.4750
AI324040	protein phosphatase 1B, magnesium dependent, beta isoform	2.03	0.4750
AV008399	EST	2.01	0.4750
BG073131	small nuclear ribonucleoprotein polypeptide G	1.97	0.4750
BG071869	thioredoxin-like	1.97	0.4750
AV085781	cytokine inducible kinase	1.97	0.4750
BG072209	clusterin	1.97	0.4750
AI841355	ubiquitin-conjugating enzyme E2 variant 2	1.96	0.4750
BE284569	caspase 3, apoptosis related cysteine protease	1.96	0.4750
BG071273	EST	1.95	0.4750
AV082046	trypsin 4	1.95	0.4750
AA408469	hypothetical protein MGC56855	1.94	0.4750
BG074148	expressed sequence AI449023	1.94	0.4750
AW557178	EST	1.93	0.4750
AW549923	EST	1.92	0.4750
AW554498	EST	1.91	0.4750
AV104165	G7e protein	1.90	0.5848
AV104567	EST	1.90	0.5848
AA921444	hemopoietic cell phosphatase	1.90	0.5848
AI839762	EST	1.90	0.5848
AW552588	EST	1.88	0.5848
BG074319	ribosomal protein L37	1.88	0.5848
AW550816	EST	1.87	0.5848
AA051341	tumor necrosis factor alpha induced protein 6	1.87	0.5848
AV088589	upregulated during skeletal muscle growth 5	1.87	0.5848
AV033648	RIKEN cDNA 1500010J02 gene	1.86	0.5848
AW551034	upregulated during skeletal muscle growth 5	1.84	0.5848

AW546368	EST	1.84	0.7770
AW546328	EST	1.84	0.7770
AV058170	high density lipoprotein (HDL) binding protein	1.83	0.7770
BI076459	similar to Transcription factor BTF3 (RNA polymerase B transcription factor 3)	1.83	0.7770
BG071961	Mus musculus transcribed sequence with moderate similarity to protein pir:S12207 (M.musculus) S12207 hypothetical protein (B2 element) - mouse	1.81	0.7770
AW543654	EST	1.81	0.7770
BG075774	src homology 2 domain-containing transforming protein C1	1.81	0.7770
BG074414	ribosomal protein L22	1.80	0.7770
AW554385	protein phosphatase 1, regulatory subunit 9B	1.80	0.7770
AV113528	synaptobrevin like 1	1.80	0.7770
BG063413	CD2 antigen (cytoplasmic tail) binding protein 2	1.80	0.9719
AV088650	phospholipase A2, group IB, pancreas	1.80	0.9719
AW556086	EST	1.80	0.9719
BG074283	Mus musculus 9 days embryo whole body cDNA, RIKEN full-length enriched library, clone:D030065G13 product:unknown EST, full insert sequence	1.80	0.9719
AV124902	EST	1.79	0.9719
AW554830	EST	1.79	0.9719
BG064009	Riken cDNA 2810480G15 gene	1.78	0.9719
BG073693	RIKEN cDNA 2410030A14 gene	1.77	0.9719
BG063305	ATPase, Na+/K+ transporting, beta 1 polypeptide	1.77	0.9719
AW546524	EST	1.76	0.9719
BI076595	EST	1.76	0.9719
AA276836	alanyl (membrane) aminopeptidase	1.76	0.9719
AV081350	EST	1.75	0.9719
BG063692	caseinolytic protease, ATP-dependent, proteolytic subunit homolog (E. coli)	1.75	0.9719
AU041226	integrin linked kinase	1.74	0.9719
AV113966	splicing factor, arginine/serine-rich 6	1.73	0.9719
AV093570	ribosomal protein S27	1.73	0.9719
AV094512	transaldolase 1	1.73	0.9719
AW538318	EST	1.73	0.9719
AW538486	EST	1.73	0.9719
AV074059	EST	1.73	0.9719
AA050302	ADP-ribosylation factor 4	1.72	0.9719
AV149955	ATPase, H+ transporting, lysosomal accessory protein 2	1.72	0.9719
AW550910	ribosomal protein L31	1.72	0.9719
AV004528	fibroblast growth factor inducible 14	1.71	0.9719
AW553453	EST	1.71	0.9719
BG063247	laminin receptor 1 (ribosomal protein SA)	1.70	0.9719
AI836071	ankyrin repeat and SOCS box-containing protein 8	1.70	0.9719
AW556995	EST	1.69	0.9719
AV093722	ribosomal protein S26	1.69	0.9719
AW556391	ribosomal protein L32	1.69	0.9719
AW554516	EST	1.68	0.9719
AV007417	rhomboid family 1 (Drosophila)	1.68	0.9719
BG076069	CD24a antigen	1.68	0.9719
BG067083	SH3-binding domain glutamic acid-rich protein	1.67	0.9719
BG076108	RIKEN cDNA 2010107E04 gene	1.67	0.9719
BG075010	EST	1.66	0.9719

AV037118	beta-2 microglobulin	1.66	0.9719
AV000287	peroxiredoxin 1	1.66	0.9719
X01838	beta-2 microglobulin	1.66	0.9719
BG072509	cytochrome c oxidase, subunit VIc	1.65	0.9719
AA086550	myeloid ecotropic viral integration site-related gene 2	1.64	0.9719
AV049900	TYRO protein tyrosine kinase binding protein	1.64	0.9719
W80195	melanoma inhibitory activity	1.63	0.9719
BG070510	EST	1.63	0.9719
BG063078	heat shock protein 1 (chaperonin 10)	1.63	0.9719
BG075543	RIKEN cDNA 0610011B16 gene	1.62	0.9719
AI019741	SNF1-like kinase	1.60	0.9719
AA410137	EST	1.59	0.9719
AW541424	EST	1.59	0.9719
BG074954	Mus musculus transcribed sequences	1.58	0.9719
BG063870	actin, beta, cytoplasmic	1.56	0.9719
BE332340	myeloblastosis oncogene	1.55	0.9719
AV090502	RIKEN cDNA 1110057H19 gene	1.55	0.9719
AV081986	NADH dehydrogenase (ubiquinone) 1 beta subcomplex 3	1.52	0.9719
AV106666	EST	1.52	0.9719
AA050507	neurogranin	1.43	0.9719
AW555035	EST	1.42	0.9719
		Down	
BG064272	tumor rejection antigen P1A	8.22	0.0924
BG065443	keratin complex 2, basic, gene 8	6.34	0.0924
C77408	keratin complex 2, basic, gene 8	5.79	0.0924
BG066638	POU domain, class 6, transcription factor 1	5.60	0.0924
BG067768	Mus musculus transcribed sequences	5.56	0.0924
BG067281	dynein, axonemal, light chain 4	5.48	0.0924
BG067363	Mus musculus, clone IMAGE:3672995, mRNA	5.11	0.0924
BG066336	protease (prosome, macropain) 26S subunit, ATPase 5	5.06	0.0924
BG067306	seryl-aminoacyl-tRNA synthetase 2	5.03	0.0924
BG063529	polymerase (DNA-directed), epsilon 4 (p12 subunit)	5.03	0.0924
BG065904	cDNA sequence BC031468	5.01	0.0924
BG064242	pyruvate dehydrogenase complex, component X	4.91	0.0924
BG064072	RNA (guanine-7-) methyltransferase	4.88	0.0924
BG066317	DNA segment, Chr 5, Wayne State University 46, expressed	4.87	0.0924
BG063567	annexin A1	4.86	0.0924
BG064068	RIKEN cDNA 2610029K21 gene	4.79	0.0924
BG064420	microtubule-associated protein, RP/EB family, member 1	4.76	0.0924
BG067843	Mus musculus transcribed sequences	4.60	0.0924
BG064312	DEAH (Asp-Glu-Ala-His) box polypeptide 30	4.58	0.0924
BG067587	nucleotide binding protein 1	4.56	0.0924
BG076278	RIKEN cDNA 0610043B10 gene	4.53	0.0924
C77196	RIKEN cDNA 1110014F23 gene	4.48	0.0924
BG076327	Mus musculus adult male diencephalon cDNA, RIKEN full-length enriched library, clone:9330109A20 product:unknown EST, full insert sequence	4.42	0.0924
AV083181	RIKEN cDNA 2610208E05 gene	4.38	0.0924
BG063979	RIKEN cDNA 2900037I21 gene	4.31	0.0924
BG066445	RIKEN cDNA 1110014E10 gene	4.22	0.0924
BG066419	G protein-coupled receptor 108	4.17	0.0924
BG067444	tripartite motif protein 46	4.17	0.0924
BG067283	golgi apparatus protein 1	4.12	0.0924

BG067294	RIKEN cDNA 0610027B03 gene	4.12	0.0924
BG067954	U2 small nuclear ribonucleoprotein B	4.10	0.0924
BG066223	actin related protein 2/3 complex, subunit 2	4.06	0.0924
BG067649	epidermal growth factor receptor pathway substrate 15	4.03	0.0924
BG063621	EST	3.97	0.0924
BG063019	pan hematopoietic expression	3.97	0.0924
BG064681	tropomyosin 3, gamma	3.95	0.0924
AW539588	Mus musculus transcribed sequences	3.88	0.0924
BG064346	keratin complex 2, basic, gene 8	3.87	0.0924
BG064222	Mus musculus, Similar to A kinase (PRKA) anchor protein (yotiao) 9, clone IMAGE:3994586, mRNA	3.83	0.0924
BG065721	phosphoribosyl pyrophosphate synthetase 1	3.78	0.0924
C79809	acetyl-Coenzyme A dehydrogenase, long-chain	3.74	0.0924
BG065656	FK506 binding protein 4	3.69	0.0924
BG068124	EST	3.68	0.0924
BG066031	RIKEN cDNA 1300019H17 gene	3.67	0.0924
BG064083	RIKEN cDNA E330036L07 gene	3.66	0.0924
BG066421	necdin	3.66	0.0924
BG067618	calponin 3, acidic	3.66	0.0924
AV040169	immunoglobulin superfamily, member 4	3.62	0.0924
AV171014	hypothetical protein MGC38046	3.62	0.0924
BG065131	suppressor of K+ transport defect 3	3.60	0.0924
C85746	RIKEN cDNA 1810043J12 gene	3.59	0.0924
BG065124	Ca2+-dependent endoplasmic reticulum nucleoside diphosphatase	3.59	0.0924
BG063964	RIKEN cDNA 1810010A06 gene	3.58	0.0924
BG065615	Mus musculus cDNA clone MGC:60735 IMAGE:30034019, complete cds	3.57	0.0924
BG064507	RIKEN cDNA 2510006D16 gene	3.57	0.0924
BG067406	WD repeat domain 5	3.53	0.0924
BG064844	RIKEN cDNA 2510025F08 gene	3.53	0.0924
BG067785	RIKEN cDNA 2310037I24 gene	3.52	0.0924
BG066286	hypertension-related, calcium regulated gene	3.51	0.0924
BG067069	glutathione synthetase	3.51	0.0924
BG064192	hypothetical protein 5830444G11	3.51	0.0924
BG066402	SET and MYND domain containing 5	3.51	0.0924
C77281	catenin src	3.51	0.0924
BG067840	transient receptor potential cation channel, subfamily M, member 7	3.50	0.0924
BG067359	amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 2 homolog (human)	3.50	0.0924
BG066302	myo-inositol 1-phosphate synthase A1	3.49	0.0924
BG066325	dynamin 2	3.49	0.0924
BG063079	adrenomedullin	3.49	0.0924
BG064590	aspartyl aminopeptidase	3.49	0.0924
BG063745	cDNA sequence BC042901	3.48	0.0924
BG067817	ARP8 actin-related protein 8 homolog (S. cerevisiae)	3.46	0.0924
BG065165	thymopoietin	3.46	0.0924
BG068652	karyopherin (importin) alpha 3	3.45	0.0924
BG076247	RIKEN cDNA 6820449I09 gene	3.45	0.0924
BG065530	zinc finger protein 54	3.39	0.0924
BG066244	Mpv17 transgene, kidney disease mutant	3.38	0.0924
BG065660	eukaryotic translation initiation factor 1A	3.36	0.0924
BG063885	CD44 antigen	3.35	0.0924
BG063895	junction plakoglobin	3.35	0.0924

BG064278	nucleosome assembly protein 1-like 1	3.35	0.0924
BG064532	RIKEN cDNA A930007B11 gene	3.32	0.0924
BG067803	RIKEN cDNA D030051B22 gene	3.31	0.0924
BG063217	RIKEN cDNA 2010300G19 gene	3.30	0.0924
BG065573	serine (or cysteine) proteinase inhibitor, clade A, member 6	3.30	0.0924
BG064831	RIKEN cDNA 4930542G03 gene	3.30	0.0924
BG065038	high mobility group box 1	3.29	0.0924
BG067979	RIKEN cDNA 0610043A03 gene	3.29	0.0924
BG063995	natriuretic peptide precursor type B	3.29	0.0924
BG065522	nucleolar protein 5	3.29	0.0924
AW537705	carbamoyl-phosphate synthetase 2, aspartate transcarbamylase, and dihydroorotase	3.28	0.0924
C86191	eukaryotic elongation factor-2 kinase	3.28	0.0924
BG066663	RIKEN cDNA A430005L14 gene	3.27	0.0924
BG064154	adenylosuccinate synthetase 2, non muscle	3.27	0.0924
BG063744	scavenger receptor class B, member 1	3.27	0.0924
BG064665	nuclear, casein kinase and cyclin-dependent kinase substrate	3.27	0.0924
BG065999	EST	3.26	0.0924
BG064486	RIKEN cDNA 1110018B13 gene	3.24	0.0924
BG065395	transcription elongation factor A (SII) 1	3.24	0.0924
BG065583	RIKEN cDNA 4933407C03 gene	3.24	0.0924
BG066395	protein tyrosine phosphatase, receptor type, A	3.23	0.0924
BG065541	leucine zipper protein 1	3.22	0.0924
BG067923	RIKEN cDNA 1300002F13 gene	3.22	0.0924
BG074892	annexin A6	3.21	0.0924
BG067168	expressed sequence AW558171	3.21	0.0924
BG066389	A kinase (PRKA) anchor protein (yotiao) 9	3.18	0.0924
BG076083	RIKEN cDNA 4930570G11 gene	3.17	0.0924
BG076219	chaperone, ABC1 activity of bc1 complex like (S. pombe)	3.16	0.0924
BG067445	Mus musculus, clone IMAGE:5401580, mRNA	3.16	0.0924
BG065117	enolase 1, alpha non-neuron	3.15	0.0924
AA409339	testis expressed gene 261	3.15	0.0924
BG075904	RIKEN cDNA 1700001A24 gene	3.15	0.0924
BG064422	charged amino acid rich leucine zipper 1	3.15	0.0924
BG064498	isocitrate dehydrogenase 3 (NAD+) alpha	3.15	0.0924
BG067706	RIKEN cDNA 4631422C05 gene	3.13	0.0924
BG063366	sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6D	3.13	0.0924
BG063737	EST	3.13	0.0924
BG067060	cDNA sequence BC002230	3.13	0.0924
BG065301	CCCTC-binding factor	3.13	0.0924
BG063610	RIKEN cDNA 0610008F14 gene	3.12	0.0924
BG066340	RME8 protein	3.11	0.0924
BG064693	Mus musculus partial mRNA for 20S proteasome subunit C2 (Psma1 gene), partial exon 4, exon 5 and read-through intron 5	3.11	0.0924
BG066303	Mus musculus transcribed sequences	3.10	0.0924
BG063111	Mus musculus transcribed sequences	3.09	0.0924
C79009	RIKEN cDNA 1810042K04 gene	3.07	0.0924
BG065036	chaperonin subunit 7 (eta)	3.05	0.0924
BG065130	protein phosphatase 1A, magnesium dependent, alpha isoform	3.04	0.0924
BG066228	nestin	3.04	0.0924
BG064494	nucleoporin 160	3.04	0.0924

BG067626	RIKEN cDNA 4833445A08 gene	3.04	0.0924
BG063971	Mus musculus transcribed sequences	3.03	0.0924
BG067797	related RAS viral (r-ras) oncogene homolog 2	3.03	0.0924
BG066435	IQ motif containing GTPase activating protein 1	3.01	0.0924
BG065078	RIKEN cDNA 2410004H02 gene	3.00	0.0924
BG063038	heparan sulfate (glucosamine) 3-O-sulfotransferase 1	3.00	0.0924
BG078783	EST	3.00	0.0924
AW544455	ATP binding protein associated with cell differentiation	2.99	0.0924
BG064448	DNA segment, Chr 5, Bucan 26 expressed	2.98	0.0924
BG065328	ATP synthase mitochondrial F1 complex assembly factor 2	2.98	0.0924
BG063944	phosphatidylinositol transfer protein	2.97	0.0924
AV093569	copper chaperone for superoxide dismutase	2.97	0.0924
BG066452	trafficking protein particle complex 6B	2.97	0.0924
BG066505	ring finger protein 20	2.97	0.0924
BG063791	mind bomb homolog (Drosophila)	2.96	0.0924
BG066036	Mus musculus transcribed sequences	2.95	0.0924
BG063687	RIKEN cDNA 3100002L24 gene	2.95	0.0924
BG065235	methionine aminopeptidase 2	2.94	0.0924
AW537187	EST	2.94	0.0924
BG063126	Mus musculus 10 days neonate cerebellum cDNA, RIKEN full-length enriched library, clone:B930086H20 product:unknown EST, full insert sequence	2.94	0.0924
BG065258	nuclear protein 220	2.93	0.0924
BG064991	RIKEN cDNA 2810012G03 gene	2.93	0.0924
BG068457	Mus musculus transcribed sequences	2.92	0.0924
BG067261	steroidogenic acute regulatory protein	2.92	0.0924
BG064433	RIKEN cDNA 2610100K07 gene	2.92	0.0924
BG063107	adaptor-related protein complex 3, delta subunit	2.92	0.0924
BG065159	linker of T-cell receptor pathways	2.92	0.0924
BG067782	RIKEN cDNA 1110008L16 gene	2.91	0.0924
BG066409	DNA segment, Chr 11, ERATO Doi 18, expressed	2.91	0.0924
BG067975	CCR4-NOT transcription complex, subunit 7	2.90	0.0924
BG064194	glutamyl-prolyl-tRNA synthetase	2.90	0.0924
C79450	Mus musculus transcribed sequences	2.90	0.0924
BG067192	calcium and integrin binding 1 (calmyrin)	2.89	0.0924
C78821	ubiquintin c-terminal hydrolase related polypeptide	2.89	0.0924
BG065269	RIKEN cDNA 2410005K20 gene	2.88	0.0924
BG064062	Kruppel-like factor 4 (gut)	2.88	0.0924
BG065867	mitochondrial ribosomal protein S25	2.88	0.0924
BG063649	RIKEN cDNA 2210019E14 gene	2.88	0.0924
BG064401	expressed sequence AI853514	2.86	0.0924
BG063782	RIKEN cDNA 2810411E22 gene	2.86	0.0924
BG063285	expressed sequence AI325464	2.86	0.0924
BG067204	expressed sequence C85492	2.86	0.0924
C85178	Zinc finger protein 68	2.86	0.0924
AA408365	ADP-ribosylation factor-like 6 interacting protein 4	2.85	0.0924
BG063824	RIKEN cDNA 2310061B02 gene	2.85	0.0924
BG064678	GLE1 RNA export mediator-like (yeast	2.85	0.0924
AV012931	scribble homolog 1 (Drosophila)	2.83	0.0924
BG063787	par-3 (partitioning defective 3) homolog (C. elegans)	2.83	0.0924
BG064166	Mus musculus transcribed sequence with strong similarity to protein pir:S12207 (M.musculus) S12207 hypothetical protein (B2 element) - mouse	2.82	0.0924

BG066414	DNA segment, Chr 8, ERATO Doi 233, expressed	2.82	0.0924
BG064651	molecule possessing ankyrin-repeats induced by lipopolysaccharide	2.80	0.0924
BG064097	Mus musculus transcribed sequences	2.80	0.0924
BG064087	sirtuin 2 (silent mating type information regulation 2, homolog) 2 (S. cerevisiae)	2.80	0.0924
BG065123	aspartyl-tRNA synthetase	2.80	0.0924
BG066564	neuroendocrine differentiation factor	2.79	0.0924
BG066084	cleavage stimulation factor, 3' pre-RNA subunit 2, tau	2.79	0.0924
BG070938	Mus musculus transcribed sequence with moderate similarity to protein ref:NP_079110.1 (H.sapiens) hypothetical protein FLJ13081 [Homo sapiens]	2.79	0.0924
BG076490	cDNA sequence BC022960	2.79	0.0924
BG065500	DNA segment, Chr 8, ERATO Doi 319, expressed	2.78	0.0924
BG063991	RIKEN cDNA 2810049G06 gene	2.78	0.0924
BG066087	WD repeat domain 26	2.77	0.0924
BG064515	sorting nexin 10	2.76	0.0924
AA408369	cubilin (intrinsic factor-cobalamin receptor)	2.76	0.0924
BG064015	UDP-Gal:betaGalNAc beta 1,3-galactosyltransferase, polypeptide 4	2.75	0.0924
BG064563	RIKEN cDNA B230365D05 gene	2.74	0.0924
BG063928	RIKEN cDNA 1110064N10 gene	2.74	0.0924
AV041078	RIKEN cDNA 1700016A15 gene	2.74	0.0924
BG069727	phospholipase D3	2.74	0.0924
BG064366	RIKEN cDNA 2410002M20 gene	2.74	0.0924
BG065041	RIKEN cDNA 5730502D15 gene	2.74	0.0924
BG074899	RIKEN cDNA 6430411K14 gene	2.73	0.0924
BG066002	RIKEN cDNA E030019A03 gene	2.73	0.0924
BG067050	protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (liprin), alpha 4	2.73	0.0924
BG064270	mitogen activated protein kinase 1	2.72	0.0924
BG067468	transcriptional regulator, SIN3A (yeast)	2.72	0.0924
BG064318	Mus musculus, clone IMAGE:6511305, mRNA, partial cds	2.71	0.0924
BG067201	EST	2.70	0.0924
BG067860	MAD2 (mitotic arrest deficient, homolog)-like 1 (yeast)	2.70	0.0924
BG065578	START domain containing 10	2.70	0.0924
BG064099	Mus musculus 4 days neonate thymus cDNA, RIKEN full-length enriched library, clone:B630013K21 product:unknown EST, full insert sequence	2.69	0.0924
C87853	RIKEN cDNA 4632419I10 gene	2.69	0.0924
BG067855	polymerase (DNA directed), epsilon 3 (p17 subunit)	2.69	0.0924
BG063884	expressed sequence AA408877	2.69	0.0924
BG076295	RNA binding motif protein 6	2.68	0.0924
BG067708	bisphosphate 3'-nucleotidase 1	2.68	0.0924
BG063963	RIKEN cDNA 1500032H18 gene	2.68	0.0924
BG064065	RIKEN cDNA 4933435E07 gene	2.67	0.0924
BG076240	caspase 6	2.67	0.0924
BG064538	guanosine diphosphate (GDP) dissociation inhibitor 1	2.67	0.0924
BG069941	RIKEN cDNA 9130011J04 gene	2.67	0.0924
BG065643	RIKEN cDNA 2300002G02 gene	2.66	0.0924
BG066029	RIKEN cDNA 4930431L18 gene	2.66	0.0924
BG067958	DEAD (Asp-Glu-Ala-Asp) box polypeptide 55	2.65	0.0924
AW536970	RIKEN cDNA C430014M02 gene	2.64	0.0924
BG063792	RIKEN cDNA 4833420N02 gene	2.64	0.0924
BG066254	annexin A7	2.64	0.0924
BG067897	RIKEN cDNA D230019K20 gene	2.63	0.0924

BG064630	caldesmon 1	2.63	0.0924
BG063082	RIKEN cDNA 0610039G24 gene	2.62	0.0924
BG065175	RIKEN cDNA 1810043O07 gene	2.62	0.0924
BG068028	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 5	2.61	0.0924
BG066475	NY-REN-18 antigen	2.61	0.0924
BG067712	RIKEN cDNA 6720463E02 gene	2.60	0.0924
BG065137	PTK2 protein tyrosine kinase 2	2.60	0.0924
BG063958	PDZ and LIM domain 2	2.60	0.0924
BG065043	karyopherin (importin) beta 1	2.60	0.0924
BG063892	F-box only protein 6b	2.59	0.0924
BG064032	DNA segment, Chr 19, ERATO Doi 721, expressed	2.59	0.0924
BG067117	RIKEN cDNA 2310046H11 gene	2.58	0.0924
BG066500	sorting nexin family member 27	2.58	0.0924
BG063717	exosome complex exonuclease RRP41	2.58	0.0924
BG076252	hypothetical protein MGC56855	2.58	0.0924
BG065729	G elongation factor	2.58	0.0924
BG064700	proteasome (prosome, macropain) 26S subunit, ATPase 2	2.57	0.0924
BG064855	cytochrome c oxidase subunit VIIa polypeptide 2-like	2.57	0.0924
BG064335	ubiquitin specific protease 9, X chromosome	2.57	0.0924
BG064556	filamin, beta	2.56	0.0924
BG064518	RIKEN cDNA 2810422J05 gene	2.56	0.0924
BG064706	keratin complex 1, acidic, gene 19	2.55	0.0924
BG064112	adaptor-related protein complex 3, sigma 2 subunit	2.54	0.0924
BG076190	Mus musculus, clone MGC:36861 IMAGE:4460168, mRNA, complete cds	2.54	0.0924
BG064696	RIKEN cDNA 2310009B15 gene	2.53	0.0924
BG067113	dipeptidylpeptidase 7	2.53	0.0924
BG067158	aldolase 3, C isoform	2.52	0.0924
BG064535	squalene epoxidase	2.51	0.0924
BG064466	AHA1, activator of heat shock 90kDa protein ATPase homolog 1 (yeast)	2.51	0.0924
AV084337	EST	2.51	0.0924
BG063342	EST	2.50	0.0924
BG065313	ATPase, H+ transporting, V1 subunit E isoform 1	2.50	0.0924
BG067118	lin 7 homolog c (C. elegans)	2.50	0.0924
BG064169	RuvB-like protein 1	2.50	0.0924
BG064876	immature colon carcinoma transcript 1	2.50	0.0924
AV134933	RIKEN cDNA 4933419D20 gene	2.49	0.0924
BG065089	COP9 (constitutive photomorphogenic) homolog, subunit 3 (Arabidopsis thaliana)	2.49	0.0924
BG063633	RIKEN cDNA 2210016L21 gene	2.49	0.0924
BG065182	crumbs homolog 3 (Drosophila)	2.49	0.0924
BG066293	putative DNA/chromatin binding motif	2.49	0.0924
BG063427	RIKEN cDNA 2610030N08 gene	2.48	0.0924
BG065528	high mobility group nucleosomal binding domain 2	2.47	0.0924
BG063008	RIKEN cDNA 2610510D13 gene	2.46	0.0924
BG065029	clathrin, heavy polypeptide (Hc)	2.46	0.0924
BG065013	secreted acidic cysteine rich glycoprotein	2.46	0.0924
BG065872	polymerase (RNA) II (DNA directed) polypeptide A	2.45	0.0924
BG063932	RIKEN cDNA 2310040C09 gene	2.45	0.0924
AW544726	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide	2.45	0.0924
BG064394	ATPase, Na+/K+ transporting, beta 1 polypeptide	2.44	0.0924

BG067627	intercellular adhesion molecule	2.44	0.0924
C78643	HRAS like suppressor 3	2.44	0.0924
BG065127	RIKEN cDNA 1300007B12 gene	2.44	0.0924
BG076209	cDNA sequence BC023239	2.44	0.0924
BG065584	RIKEN cDNA 2300006M17 gene	2.44	0.0924
BG063992	low density lipoprotein receptor	2.43	0.0924
AV171622	RIKEN cDNA 3300001H21 gene	2.43	0.0924
BG063651	RIKEN cDNA 2900070H08 gene	2.43	0.0924
BG067335	A kinase (PRKA) anchor protein 1	2.43	0.0924
BG068006	RIKEN cDNA 2810012K13 gene	2.42	0.0924
BG064410	macrophage migration inhibitory factor	2.42	0.0924
BG076498	Mus musculus 0 day neonate lung cDNA, RIKEN full-length enriched library, clone:E030041N21 product:unknown EST, full insert sequence	2.42	0.0924
BG067485	DNA segment, Chr 14, ERATO Doi 449, expressed	2.42	0.0924
BG065689	ubiquitin-conjugating enzyme E2L 3	2.41	0.0924
BG064106	RAB13, member RAS oncogene family	2.41	0.0924
BG064351	basic leucine zipper and W2 domains 2	2.41	0.0924
C78402	protein phosphatase 2 (formerly 2A), regulatory subunit B (PR 52), alpha isoform	2.41	0.0924
BG063128	inhibitor of growth family, member 1	2.40	0.0924
BG064579	RIKEN cDNA 2610024N24 gene	2.40	0.0924
BG068452	DNA segment, Chr 1, ERATO Doi 578, expressed	2.40	0.0924
BG068509	nuclear DNA binding protein	2.39	0.0924
AV006290	lipoprotein lipase	2.39	0.0924
BG073887	methionine adenosyltransferase I, alpha	2.39	0.0924
BG062938	EST	2.38	0.0924
BG070018	ADP-ribosylation factor-like 4	2.38	0.0924
BG064271	hypoxanthine guanine phosphoribosyl transferase	2.38	0.0924
BG064500	heat shock protein 105	2.38	0.0924
BG064438	ROD1 regulator of differentiation 1 (S. pombe)	2.38	0.0924
BG064227	nuclear respiratory factor 1	2.38	0.0924
BG065221	ornithine decarboxylase, structural	2.38	0.0924
AV035971	RIKEN cDNA 2310036D22 gene	2.37	0.0924
BG063894	RIKEN cDNA 2410195B05 gene	2.37	0.0924
BG063134	procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), alpha II polypeptide	2.37	0.0924
BG064565	RIKEN cDNA 1100001D10 gene	2.37	0.0924
BG063057	ephrin A1	2.36	0.0924
BG064672	protein C receptor, endothelial	2.36	0.0924
C77314	Mus musculus transcribed sequences	2.36	0.0924
BG067645	RIKEN cDNA 9430063L05 gene	2.36	0.0924
BG076253	microsomal glutathione S-transferase 3	2.36	0.0924
BG075529	deltex 1 homolog (Drosophila)	2.35	0.0924
BG068055	Mus musculus transcribed sequence with moderate similarity to protein pir:S12207 (M.musculus) S12207 hypothetical protein (B2 element) - mouse	2.35	0.0924
BG065228	DNA segment, Chr 16, ERATO Doi 454, expressed	2.35	0.0924
BG063929	ring finger protein 41	2.35	0.0924
AV007114	X-linked lymphocyte-regulated 3a	2.34	0.0924
BG067390	solute carrier family 25 (mitochondrial carrier; oxoglutarate carrier), member 11	2.34	0.0924
BG065102	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1a	2.34	0.0924
BG063150	glutamate dehydrogenase	2.33	0.0924

BG064151	proteasome (prosome, macropain) 26S subunit, non-ATPase, 1	2.33	0.0924
BG065180	RNA binding motif, single stranded interacting protein 1	2.33	0.0924
BG063581	Mus musculus, Similar to hypothetical protein FLJ20707, clone MGC:39074 IMAGE:5365535, mRNA, complete cds	2.33	0.0924
BG065148	regulator of chromosome condensation (RCC1) and BTB (POZ) domain containing protein 1	2.33	0.0924
BG067937	high mobility group box 1	2.33	0.0924
BG068041	ariadne ubiquitin-conjugating enzyme E2 binding protein homolog 1 (Drosophila)	2.33	0.0924
AV103844	RIKEN cDNA 2310008N12 gene	2.33	0.0924
AA162659	nuclear receptor subfamily 1, group H, member 2	2.33	0.0924
BG064575	dehydrogenase/reductase (SDR family) member 1	2.32	0.0924
BG064522	glycerophosphodiester phosphodiesterase domain containing 1	2.32	0.0924
BG063470	Mus musculus transcribed sequences	2.32	0.0924
BG063269	RIKEN cDNA 1110020K19 gene	2.31	0.0924
BG068053	topoisomerase (DNA) I	2.31	0.0924
BG064690	RIKEN cDNA D130059P03 gene	2.31	0.0924
BG064656	cytotoxic T lymphocyte-associated protein 2 beta	2.31	0.0924
BG064559	metastasis associated 1-like 1	2.31	0.0924
BG068408	ring finger protein 141	2.30	0.0924
BG067870	protein kinase C, delta	2.30	0.0924
BG067357	calponin 1	2.30	0.0924
BG065334	myristoylated alanine rich protein kinase C substrate	2.30	0.0924
BG064652	macrophage erythroblast attacher	2.29	0.0924
BG063833	EST	2.29	0.0924
BG064571	zinc finger protein 91	2.29	0.0924
BG067624	autophagy 5-like (S. cerevisiae)	2.29	0.0924
BG064412	prohibitin	2.29	0.0924
BG066560	Mus musculus transcribed sequences	2.29	0.0924
BI076464	EST	2.28	0.0924
BG064670	RIKEN cDNA 1300006N24 gene	2.28	0.0924
BG076169	erythrocyte protein band 4.1	2.28	0.0924
C76498	signal transducer and activator of transcription interacting protein 1	2.28	0.0924
BG063888	Mus musculus transcribed sequence with moderate similarity to protein ref:NP_081764.1 (M.musculus) RIKEN cDNA 5730493B19 [Mus musculus]	2.27	0.0924
AW559135	EST	2.27	0.0924
BE553447	keratin complex 2, basic, gene 8	2.27	0.0924
BG064859	fumarate hydratase 1	2.27	0.0924
C77170	spinocerebellar ataxia 10 homolog (human)	2.26	0.0924
BG065566	RIKEN cDNA 1810063B05 gene	2.26	0.0924
BG065213	growth factor receptor bound protein 10	2.26	0.0924
BG069739	3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1	2.26	0.0924
BG070467	DNA segment, Chr 15, ERATO Doi 806, expressed	2.25	0.0924
BG067129	cDNA sequence BC031748	2.25	0.0924
BG067213	Mus musculus 3 days neonate thymus cDNA, RIKEN full-length enriched library, clone:A630050C01 product:unknown EST, full insert sequence	2.25	0.0924
BG066422	prostaglandin E synthase 2	2.25	0.0924
BG068125	EST	2.25	0.0924
BG065087	DNA segment, Chr 11, ERATO Doi 175, expressed	2.25	0.0924
BG065071	RIKEN cDNA 2510004L20 gene	2.25	0.0924
BG070270	Mus musculus mRNA for mKIAA0978 protein	2.25	0.0924
BG064499	von Hippel-Lindau binding protein 1	2.24	0.0924

BG065092	transient receptor potential cation channel, subfamily M, member 7	2.24	0.0924
BG067111	RIKEN cDNA 6230425C22 gene	2.24	0.0924
BG064349	catenin alpha 1	2.24	0.0924
BG066213	inhibitor of kappa light polypeptide enhancer in B-cells, kinase complex-associated protein	2.23	0.0924
AV090553	RIKEN cDNA 2310050N11 gene	2.23	0.0924
BG065086	RIKEN cDNA 1190009E20 gene	2.23	0.0924
BG063931	FGF receptor activating protein 1	2.22	0.0924
AV072536	RIKEN cDNA 5730403B10 gene	2.22	0.0924
BG066294	transducin (beta)-like 1 X-linked	2.22	0.0924
BG064513	RIKEN cDNA C130032J12 gene	2.22	0.0924
BG076402	EST	2.22	0.0924
BG066904	RPB5-mediating protein	2.21	0.0924
BG063272	RIKEN cDNA 5730472N09 gene	2.21	0.0924
AV032821	RIKEN cDNA 3110001A13 gene	2.21	0.0924
BG064239	RIKEN cDNA D330037H05 gene	2.21	0.0924
BG063301	EST	2.20	0.0924
BG074440	ADP-ribosylation factor-like 2	2.20	0.0924
BG065740	heterogeneous nuclear ribonucleoprotein A1	2.19	0.0924
BG064184	RRS1 ribosome biogenesis regulator homolog (S. cerevisiae)	2.19	0.0924
BG064059	phosphomannomutase 1	2.19	0.0924
BG066287	RIKEN cDNA 1110049G11 gene	2.19	0.0924
BG063936	RIKEN cDNA 2700062C07 gene	2.19	0.0924
BG063047	kinesin family member 5B	2.19	0.0924
BG064291	nuclear transcription factor-Y gamma	2.19	0.0924
BG066301	Hoxa1 regulated gene	2.18	0.0924
BG063562	EST	2.18	0.0924
BG064624	RAB23, member RAS oncogene family	2.18	0.0924
AV058622	RIKEN cDNA 1810054G18 gene	2.18	0.0924
BG069702	SRB7 (supressor of RNA polymerase B) homolog (S. cerevisiae)	2.17	0.0924
AV083249	DNA segment, Chr 3, ERATO Doi 194, expressed	2.17	0.0924
AV084600	vacuolar protein sorting 4b (yeast)	2.17	0.0924
BG063972	arginyl aminopeptidase (aminopeptidase B)	2.17	0.0924
AV083572	cytoskeleton-associated protein 1	2.16	0.0924
BG064974	hydroxysteroid (17-beta) dehydrogenase 12	2.16	0.0924
BG076293	RIKEN cDNA E130118E17 gene	2.16	0.0924
BG063634	kinesin family member 5B	2.16	0.0924
BG067336	ring finger protein 26	2.16	0.0924
AW557788	filamin, alpha	2.15	0.0924
AV140262	CDK2 (cyclin-dependent kinase 2)-associated protein 1	2.15	0.0924
BG065691	DNA segment, Chr 4, ERATO Doi 22, expressed	2.15	0.0924
BG065054	nardilysin, N-arginine dibasic convertase, NRD convertase 1	2.15	0.0924
BG064432	ribosome binding protein 1	2.15	0.0924
BG063132	RIKEN cDNA 4732418C07 gene	2.15	0.0924
BG065318	expressed sequence AW538212	2.15	0.0924
BG063975	RIKEN cDNA 2810037C03 gene	2.15	0.0924
BG064595	chaperonin subunit 7 (eta)	2.15	0.0924
BG066846	RIKEN cDNA D230016N13 gene	2.15	0.0924
AW542410	protease (prosome, macropain) 26S subunit, ATPase 5	2.15	0.0924
BG066004	Mus musculus transcribed sequences	2.14	0.0924
AV084550	basic helix-loop-helix domain containing, class B2	2.14	0.0924
BG065024	sideroflexin 1	2.14	0.0924

BG065934	DNA segment, Chr 5, ERATO Doi 40, expressed	2.14	0.0924
BG064066	phosphatidylinositol-4-phosphate 5-kinase, type 1 gamma	2.14	0.0924
BG064701	proteasome (prosome, macropain) 26S subunit, ATPase 2	2.14	0.0924
BG064553	RIKEN cDNA 6330575P11 gene	2.14	0.0924
BG064105	Mus musculus Brf2 gene, 3' UTR	2.14	0.0924
BG069120	E2F transcription factor 5	2.13	0.0924
BG067356	Ras-related GTP binding C	2.13	0.0924
AA409442	synaptojanin 2 binding protein	2.13	0.0924
BG064095	uridine-cytidine kinase 2	2.13	0.0924
BG063880	solute carrier family 30 (zinc transporter), member 2	2.11	0.0924
BG076174	RIKEN cDNA 2310076K21 gene	2.11	0.0924
BG067169	transformed mouse 3T3 cell double minute 2	2.11	0.0924
BG064543	programmed cell death 6	2.11	0.0924
C78430	cell division cycle 25 homolog A (S. cerevisiae)	2.11	0.0924
C87682	Mus musculus transcribed sequences	2.11	0.0924
AW559127	potassium voltage-gated channel, subfamily Q, member 1	2.11	0.0924
BG064064	expressed sequence AI415282	2.11	0.0924
BG064101	gene trap locus 6	2.11	0.0924
BG066284	sorting nexin 2	2.10	0.0924
BG066101	origin recognition complex, subunit 4-like (S. cerevisiae)	2.10	0.0924
AV016073	ubiquitin-conjugating enzyme E2G 1 (UBC7 homolog, C. elegans)	2.10	0.0924
BG064082	RIKEN cDNA 5830411E10 gene	2.10	0.0924
BG067942	RNA binding motif protein, X chromosome	2.10	0.0924
AV015074	DNA segment, Chr X, Immunex 46, expressed	2.10	0.0924
BG063389	processing of precursors 1	2.09	0.0924
AV085561	RIKEN cDNA 2310012M18 gene	2.09	0.0924
BG064053	nuclear receptor binding factor 1	2.09	0.0924
BG063106	expressed sequence AW553050	2.09	0.0924
BG076146	secretory carrier membrane protein 5	2.09	0.0924
BG076097	zinc finger, DHHC domain containing 7	2.09	0.0924
AV056903	RIKEN cDNA 0610010I17 gene	2.09	0.0924
AV104054	mRNA decapping enzyme	2.09	0.0924
BG065084	reticulocalbin	2.08	0.0924
BG064641	RIKEN cDNA 2610511E03 gene	2.08	0.0924
BG066356	microfibrillar-associated protein 1	2.08	0.0924
BG063524	Mus musculus transcribed sequences	2.08	0.0924
BG063182	RIKEN cDNA 9130415E20 gene	2.08	0.0924
BG063933	dolichyl-phosphate (UDP-N-acetylglucosamine) acetylglucosaminephosphotransferase 1 (GlcNAc-1-P transferase)	2.08	0.0924
BG064646	serine hydroxymethyl transferase 2 (mitochondrial)	2.07	0.0924
BG075534	hypothetical protein LOC232406	2.07	0.0924
BG070440	cullin 1	2.07	0.0924
AW543947	EST	2.06	0.0924
BG063485	RIKEN cDNA 1500003O22 gene	2.06	0.0924
BG063974	ribophorin I	2.06	0.0924
BG065224	RIKEN cDNA 2310012M18 gene	2.06	0.0924
BG064070	ARP3 actin-related protein 3 homolog (yeast)	2.06	0.0924
BG063512	ubiquitin-conjugating enzyme E2R 2	2.06	0.0924
BG076282	discoidin, CUB and LCCL domain containing 1	2.06	0.0924
BG065282	expressed sequence AU016693	2.05	0.0924
AW539497	RIKEN cDNA 4930564D15 gene	2.05	0.0924
AV065493	EST	2.05	0.0924

AA199386	RIKEN cDNA 4432417N03 gene	2.05	0.0924
BG065523	N-ethylmaleimide sensitive fusion protein attachment protein alpha	2.05	0.0924
BG064450	expressed sequence AI256840	2.05	0.0924
BG065330	eukaryotic translation initiation factor 2B, subunit 4 delta	2.05	0.0924
BG065876	LUC7-like 2 (S. cerevisiae)	2.05	0.0924
BG065149	RIKEN cDNA 2410002K23 gene	2.04	0.0924
BG068179	Mus musculus transcribed sequences	2.04	0.0924
AV048499	RIKEN cDNA 1810005K13 gene	2.04	0.0924
BG066352	beta-transducin repeat containing protein	2.04	0.0924
BG069907	RAB5A, member RAS oncogene family	2.04	0.0924
BG064030	coagulation factor III	2.03	0.0924
BG067215	LPS-induced TN factor	2.03	0.0924
BG066201	mitogen activated protein kinase kinase 2	2.03	0.0924
BG065188	glypican 3	2.03	0.0924
BG072587	degenerative spermatocyte homolog (Drosophila)	2.03	0.0924
AV039735	testis specific protein kinase 1	2.03	0.0924
BG063020	RIKEN cDNA 9330177P20 gene	2.03	0.0924
AW558672	EST	2.02	0.0924
BG066562	proteasome (prosome, macropain) 26S subunit, non-ATPase, 7	2.02	0.0924
BG066690	RIKEN cDNA 0610033H09 gene	2.02	0.0924
AV095217	BCL2-associated athanogene 5	2.02	0.0924
BG065042	EST	2.01	0.0924
AV041013	RIKEN cDNA 1110039B18 gene	2.01	0.0924
BG064645	RIKEN cDNA 0610006K04 gene	2.01	0.0924
BG065325	O-linked N-acetylglucosamine (GlcNAc) transferase (UDP-N-acetylglucosamine:polypeptide-N-acetylglucosaminyl transferase)	2.01	0.0924
BG066522	Mus musculus transcribed sequences	2.01	0.0924
BG065141	RIKEN cDNA 2610318G08 gene	2.01	0.0924
BG066430	sprouty protein with EVH-1 domain 2, related sequence	2.00	0.0924
BG075109	syntaxin 5A	2.00	0.0924
BG063256	Mus musculus transcribed sequences	2.00	0.0924
BG065331	meiosis-specific nuclear structural protein 1	2.00	0.0924
BG069402	integrin beta 1 binding protein 1	2.00	0.0924
BG063236	RIKEN cDNA 2210403N08 gene	2.00	0.0924
BG064209	yolk sac gene 2	2.00	0.0924
AV140088	cyclin D1	2.00	0.0924
BG064114	RIKEN cDNA E030019A03 gene	2.00	0.0924
BG065510	RIKEN cDNA 2810421I24 gene	1.99	0.0924
AV077858	RIKEN cDNA 2810453H10 gene	1.99	0.0924
BG063183	DNA segment, Chr 5, Wayne State University 150, expressed	1.99	0.0924
BG065277	heterogeneous nuclear ribonucleoprotein M	1.99	0.0924
BG065283	ARP1 actin-related protein 1 homolog A (yeast)	1.99	0.0924
BG063898	complement receptor related protein	1.99	0.0924
BG066055	major vault protein	1.99	0.0924
BG064627	RIKEN cDNA 1110014J01 gene	1.99	0.0924
BG066375	adaptor-related protein complex 3, mu 1 subunit	1.99	0.0924
BG075333	selected mouse cDNA on the X	1.99	0.0924
BG063682	RIKEN cDNA 1110007A10 gene	1.99	0.0924
BG067781	F-box and leucine-rich repeat protein 11	1.99	0.0924
C76157	expressed sequence AI643885	1.99	0.0924
BG064980	EST	1.99	0.0924
BG066355	stromal cell derived factor 4	1.99	0.0924

AV113740	RIKEN cDNA 6330577E15 gene	1.99	0.0924
BG066677	RIKEN cDNA 9630033F20 gene	1.98	0.0924
BG073969	RIKEN cDNA 2210402M20 gene	1.98	0.0924
AA020573	angiopoietin 2	1.98	0.0924
BG068052	Mus musculus transcribed sequences	1.98	0.0924
AV104126	hypoxanthine guanine phosphoribosyl transferase	1.98	0.0924
AI838708	RIKEN cDNA 1110005F07 gene	1.98	0.0924
BG069861	craniofacial development protein 1	1.98	0.0924
BG067341	EST	1.97	0.0924
BG076344	Mus musculus 12 days embryo spinal ganglion cDNA, RIKEN full-length enriched library, clone:D130032D18 product:unclassifiable, full insert sequence	1.97	0.0924
BG064814	chaperonin subunit 3 (gamma)	1.97	0.0924
AV060628	RIKEN cDNA 1810007D17 gene	1.97	0.0924
BG064685	RIKEN cDNA 6330504P12 gene	1.97	0.0924
BG065019	RIKEN cDNA 1200014P03 gene	1.97	0.0924
BG063999	solute carrier family 28 (sodium-coupled nucleoside transporter), member 2	1.97	0.0924
BG065310	expressed sequence C87777	1.97	0.0924
AW538329	sperm associated antigen 7	1.96	0.0924
BG064090	hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase (trifunctional protein), beta subunit	1.96	0.1416
BG066399	Mus musculus transcribed sequence with weak similarity to protein ref:NP_081764.1 (M.musculus) RIKEN cDNA 5730493B19 [Mus musculus]	1.96	0.1416
AV149853	dehydrogenase/reductase (SDR family) member 1	1.96	0.1416
BG065262	glutaminyl-tRNA synthetase	1.96	0.1416
AV095087	3-oxoacid CoA transferase	1.96	0.1416
BG063781	ring finger protein 2	1.96	0.1416
BG064110	ring finger protein 128	1.96	0.1416
BG065598	RIKEN cDNA 1110061O04 gene	1.95	0.1416
BG066549	ubiquitin-conjugating enzyme E2L 3	1.95	0.1416
BG063891	ubiquitously transcribed tetratricopeptide repeat gene, X chromosome	1.95	0.1416
BG063242	tropomodulin 3	1.95	0.1416
BG065219	cathepsin L	1.95	0.1416
AV054878	RIKEN cDNA 1810033A06 gene	1.95	0.1416
BG065140	carnitine deficiency-associated gene expressed in ventricle 3	1.95	0.1416
AV084534	RIKEN cDNA D130038B21 gene	1.95	0.1416
BG064662	protein phosphatase 4, regulatory subunit 1	1.95	0.1416
BG064342	Mus musculus cDNA clone MGC:67182 IMAGE:6823459, complete cds	1.94	0.1416
AV140090	Mus musculus transcribed sequences	1.94	0.1416
AV016078	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 2	1.94	0.1416
AW537693	EST	1.94	0.1416
BG064355	RIKEN cDNA 1300004G08 gene	1.94	0.1416
BG063460	expressed sequence AA959601	1.94	0.1416
AV084595	RIKEN cDNA 1110018B13 gene	1.94	0.1416
AV095203	replication protein A2	1.94	0.1416
BG063477	RIKEN cDNA 9430029K10 gene	1.94	0.1416
BG066544	Mus musculus molossinus unknown mRNA	1.94	0.1416
C88185	Mus musculus mRNA for mKIAA1335 protein	1.94	0.1416
BG064540	mannose-6-phosphate receptor, cation dependent	1.93	0.1416
BG076206	Bernardinelli-Seip congenital lipodystrophy 2 homolog (human)	1.93	0.1416
AV093565	RIKEN cDNA 2310042M24 gene	1.93	0.1416
BG064310	solute carrier family 35, member A4	1.93	0.1416

AV005994	oxoglutarate dehydrogenase (lipoamide)	1.93	0.1416
BG063279	RIKEN cDNA 2810410P22 gene	1.93	0.1416
BG066465	EST	1.93	0.1416
AV005782	actin related protein 2/3 complex, subunit 3	1.93	0.1416
BG073559	signal recognition particle 54	1.93	0.1416
BG064056	Treacher Collins Franceschetti syndrome 1, homolog	1.93	0.1416
BG064353	protein (peptidyl-prolyl cis/trans isomerase) NIMA-interacting 1	1.92	0.1416
BG063282	triple functional domain (PTPRF interacting)	1.92	0.1416
BG076218	PET112-like (yeast)	1.92	0.1416
AV083619	RIKEN cDNA 2010107H07 gene	1.92	0.1416
BG070027	RIKEN cDNA 5730591C18 gene	1.92	0.1416
AI838414	karyopherin (importin) alpha 1	1.92	0.1416
BG076349	ATP synthase, H+ transporting, mitochondrial F1 complex, epsilon subunit	1.92	0.1416
BG067315	RIKEN cDNA 1700048E23 gene	1.92	0.1416
BG067628	actin related protein 2/3 complex, subunit 5	1.92	0.1416
BG065155	nucleolar protein 5A	1.91	0.1416
AV084293	MIC2 (monoclonal Imperial Cancer Research Fund 2)-like 1	1.91	0.1416
BG066680	cold shock domain protein A	1.91	0.1416
BG067472	Btg3 associated nuclear protein	1.91	0.1416
AV095022	voltage-dependent anion channel 1	1.91	0.1416
AI838336	Mus musculus, clone MGC:31065 IMAGE:4035973, mRNA, complete cds	1.91	0.1416
BG064171	intergral membrane protein 1	1.91	0.1416
AV077941	RIKEN cDNA 1700021F05 gene	1.91	0.1416
BG064451	low-density lipoprotein receptor-related protein 10	1.90	0.1416
AV078127	high mobility group nucleosomal binding domain 1	1.90	0.1416
C77692	EST	1.90	0.1416
BG067401	Mus musculus, Similar to paraneoplastic antigen MA2, clone MGC:27613 IMAGE:4504201, mRNA, complete cds	1.90	0.1416
BG070485	RIKEN cDNA 5730555F13 gene	1.90	0.1416
BG064268	ATP-binding cassette, sub-family B (MDR/TAP), member 6	1.89	0.1416
AA153319	high mobility group AT-hook 1	1.89	0.1416
BG063825	DNA segment, Chr 4, ERATO Doi 786, expressed	1.89	0.1416
BG063010	Mus musculus transcribed sequences	1.89	0.1416
BG063454	ring finger protein 13	1.89	0.1416
BG064998	leucyl-tRNA synthetase	1.89	0.1416
BG063924	N-myc downstream regulated 3	1.89	0.1416
AV005017	sulfotransferase family 4A, member 1	1.89	0.1416
AV093789	chloride channel, nucleotide-sensitive, 1A	1.89	0.1416
BG063203	DNA segment, Chr 17, Wayne State University 155, expressed	1.88	0.1416
BG067091	phosphatidylinositol glycan, class B	1.88	0.1416
BG070120	RIKEN cDNA 2700088M22 gene	1.88	0.1416
BG064089	ELOVL family member 6, elongation of long chain fatty acids (yeast)	1.88	0.1416
BG065647	DNA segment, Chr 12, ERATO Doi 7, expressed	1.88	0.1416
AV060061	RIKEN cDNA 5730437N04 gene	1.88	0.1416
BG063566	RIKEN cDNA 5730438N18 gene	1.87	0.1416
AV049746	RIKEN cDNA 1300003P13 gene	1.87	0.1416
BG064702	RIKEN cDNA 2210412K09 gene	1.87	0.1416
BG063461	adrenomedullin	1.87	0.1416
AV073989	RIKEN cDNA 2310046G15 gene	1.87	0.1416
BG070402	Williams-Beuren syndrome chromosome region 1 homolog (human)	1.87	0.1416
BG064309	adaptor protein complex AP-2, alpha 1 subunit	1.87	0.1416
BG063214	eukaryotic translation initiation factor 3, subunit 10 (theta)	1.87	0.1416

BG065576	RIKEN cDNA 2900097C17 gene	1.87	0.1416
AV006318	EST	1.87	0.1416
BG065220	cathepsin L	1.87	0.1416
BG076338	F-box only protein 21	1.86	0.1416
BG067874	Janus kinase 1	1.86	0.1416
AV022510	serine racemase	1.86	0.1416
BG064584	translin	1.86	0.1416
AV104455	DEAD (Asp-Glu-Ala-Asp) box polypeptide 18	1.86	0.1416
BG069896	RIKEN cDNA 5730445M16 gene	1.86	0.1416
AV140597	RIKEN cDNA 2210008F15 gene	1.86	0.1416
AV059227	fractured callus expressed transcript 1	1.86	0.1416
AV141201	aldehyde dehydrogenase family 1, subfamily A2	1.85	0.1416
BG067067	translocase of inner mitochondrial membrane 9 homolog (yeast)	1.85	0.1416
BG068192	hypothetical protein 5930437A14	1.85	0.1416
BG068563	transforming growth factor beta 1 induced transcript 4	1.85	0.1416
AV057109	EST	1.85	0.1416
AV104100	DNA segment, Chr 8, ERATO Doi 319, expressed	1.85	0.1416
BG064683	neural precursor cell expressed, developmentally down-regulated gene 8	1.85	0.1416
BG070241	DNA segment, Chr 1, ERATO Doi 396, expressed	1.85	0.1416
BG064235	RIKEN cDNA 1300002F13 gene	1.85	0.1416
AI835993	RIKEN cDNA C030026E19 gene	1.85	0.1416
AV088039	RIKEN cDNA 4921531G14 gene	1.84	0.1416
BG065519	RIKEN cDNA C030036P15 gene	1.84	0.1416
BG065226	nuclear receptor coactivator 4	1.84	0.1416
BG065306	p53 apoptosis effector related to Pmp22	1.83	0.1416
BG063055	expressed sequence AA407930	1.83	0.1416
AV083103	leucine zipper-EF-hand containing transmembrane protein 1	1.83	0.1416
BG064311	mitochondrial ribosomal protein L12	1.83	0.1416
AV090113	EST	1.83	0.1416
AV081223	RIKEN cDNA 1200009B18 gene	1.83	0.1416
BG064981	nuclear factor of kappa light chain gene enhancer in B-cells inhibitor, alpha	1.83	0.1416
BG067422	kinesin 2	1.83	0.1416
AU043075	ADP-ribosylation factor interacting protein 2	1.83	0.1416
BG065284	hypothetical protein MGC11722	1.83	0.1416
BG063998	general transcription factor III A	1.82	0.1416
BG071103	copine I	1.82	0.1416
BG067730	RIKEN cDNA C430041I18 gene	1.82	0.1416
BG065603	cytochrome c oxidase subunit IV isoform 1	1.82	0.1416
AV093552	ATX1 (antioxidant protein 1) homolog 1 (yeast)	1.82	0.1416
BG065295	secretory carrier membrane protein 2	1.82	0.1416
AV094940	solute carrier family 25 (mitochondrial carrier; oxoglutarate carrier), member 11	1.82	0.1416
AV088357	EST	1.82	0.1416
BG063945	Mus musculus transcribed sequence with weak similarity to protein pir:I58401 (M.musculus) I58401 protein-tyrosine kinase (EC 2.7.1.112) JAK3 - mouse	1.82	0.1416
BG069722	RB1-inducible coiled-coil 1	1.82	0.1416
AV050758	growth hormone receptor	1.82	0.1416
BG064094	RIKEN cDNA 5730494N06 gene	1.81	0.1416
BG074286	RIKEN cDNA 5730427N09 gene	1.81	0.1416
AV140576	non-metastatic cells 7, protein expressed in	1.81	0.1416
AV114158	RIKEN cDNA 2610029K21 gene	1.81	0.1416

BG064350	actinin, alpha 1	1.81	0.1416
AW544446	RIKEN cDNA 2600001P13 gene	1.81	0.1416
BG064389	actin related protein 2/3 complex, subunit 1B	1.81	0.1416
AW544876	RIKEN cDNA 5730434I03 gene	1.81	0.1416
BG064258	RIKEN cDNA 2310022A04 gene	1.81	0.1416
BG066353	radical fringe gene homolog (Drosophila)	1.80	0.1416
BG067441	RIKEN cDNA 1810043M20 gene	1.80	0.1416
BG064289	cDNA sequence BC031407	1.80	0.1416
BG063527	RAB geranylgeranyl transferase, b subunit	1.80	0.1416
AV083113	RIKEN cDNA 2410015K21 gene	1.80	0.1416
BG064866	phosphoribosyl pyrophosphate synthetase 1	1.80	0.1416
BG063025	CUG triplet repeat, RNA binding protein 1	1.80	0.1416
BG070451	CCR4-NOT transcription complex, subunit 7	1.80	0.1416
AV093801	mitochondrial ribosomal protein 63	1.80	0.1416
BG072356	RIKEN cDNA 2410015M20 gene	1.79	0.1416
BG063343	7-dehydrocholesterol reductase	1.79	0.1416
BG063229	RIKEN cDNA 3110001I22 gene	1.79	0.1416
BG063141	chronic myelogenous leukemia tumor antigen 66	1.79	0.1416
BG066682	Rho interacting protein 3	1.79	0.1416
BG064164	DNA segment, Chr 13, Wayne State University 123, expressed	1.79	0.1416
BG066288	Mus musculus transcribed sequences	1.79	0.1416
AW822422	mitogen activated protein kinase kinase 1	1.79	0.1416
BG066071	coenzyme Q3 homolog, methyltransferase (yeast)	1.79	0.1416
BG067938	small membrane protein 1	1.79	0.1416
BG063064	tripartite motif protein 8	1.79	0.1416
AV016341	ring finger protein 41	1.79	0.1416
BG065403	ribulose-5-phosphate-3-epimerase	1.78	0.1416
BG075934	transaldolase 1	1.78	0.1416
AV009978	serine hydroxymethyl transferase 2 (mitochondrial)	1.78	0.1416
AV041527	RIKEN cDNA 2600001J17 gene	1.78	0.1416
BG067823	puromycin-sensitive aminopeptidase	1.78	0.1416
AU040509	fetal Alzheimer antigen	1.78	0.1416
BG069798	RIKEN cDNA 2610204K14 gene	1.78	0.1416
BG064129	golgi SNAP receptor complex member 1	1.78	0.1416
BG067180	Mus musculus, Similar to hypothetical protein FLJ10379, clone IMAGE:1446778, mRNA	1.78	0.1416
AA408954	dihydrolipoamide S-acetyltransferase (E2 component of pyruvate dehydrogenase complex)	1.78	0.1983
AW545614	EST	1.78	0.1983
BG064075	methionine adenosyltransferase II, alpha	1.78	0.1983
AV133971	Ras-GTPase-activating protein (GAP<120>) SH3-domain binding protein 2	1.78	0.1983
BG065646	KH-type splicing regulatory protein	1.77	0.1983
BG067558	RIKEN cDNA 5530600P05 gene	1.77	0.1983
BG063184	RIKEN cDNA 0610042C05 gene	1.77	0.1983
AI840761	phosphatase and tensin homolog	1.77	0.1983
BG074629	ATP-binding cassette, sub-family E (OABP), member 1	1.77	0.1983
BG063323	growth factor receptor bound protein 2-associated protein 1	1.77	0.1983
BG064562	actin related protein 2/3 complex, subunit 4	1.77	0.1983
AI851026	RIKEN cDNA 2810013M15 gene	1.77	0.1983
BG065296	expressed sequence C77668	1.77	0.1983
BG065333	splicing factor 3b, subunit 2	1.77	0.1983
BG076492	aquarius	1.77	0.1983

BG065870	DNA segment, Chr 19, ERATO Doi 144, expressed	1.76	0.1983
BG065018	RIKEN cDNA 2310001H12 gene	1.76	0.1983
AV113559	EST	1.76	0.1983
BG068030	Mus musculus cDNA clone IMAGE:6410591, partial cds	1.76	0.1983
BG064631	timeless homolog (Drosophila)	1.76	0.1983
BG066621	RIKEN cDNA 1810010L20 gene	1.76	0.1983
AA116216	cytochrome P450, family 27, subfamily a, polypeptide 1	1.76	0.1983
BG076217	cleft lip and palate associated transmembrane protein 1	1.76	0.1983
BG063917	SMC4 structural maintenance of chromosomes 4-like 1 (yeast)	1.76	0.1983
BG064374	ubiquitin specific protease 15	1.76	0.1983
BG064023	RIKEN cDNA B230312B02 gene	1.76	0.1983
BG068383	transcription factor A, mitochondrial	1.76	0.1983
BG063832	estrogen related receptor, alpha	1.76	0.1983
AV064931	RIKEN cDNA 2010012P02 gene	1.75	0.1983
AV133825	aspartyl aminopeptidase	1.75	0.1983
BG065547	splicing factor 3a, subunit 3, 60kDa	1.75	0.1983
AV072193	thioesterase superfamily member 2	1.75	0.1983
BG065271	RIKEN cDNA 2410002O22 gene	1.75	0.1983
BG075930	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 7	1.74	0.1983
BG064698	catenin src	1.74	0.1983
BG064071	beta-glucuronidase	1.74	0.1983
BG067612	glucose phosphate isomerase 1	1.74	0.1983
AV088602	WD repeat domain 23	1.74	0.1983
AV140823	casein kinase II, alpha 2, polypeptide	1.74	0.1983
AA116865	mannoside acetylglucosaminyltransferase 1	1.74	0.1983
BG064537	MAP/microtubule affinity-regulating kinase 2	1.74	0.1983
AV093665	EST	1.74	0.1983
BG076052	dolichol-phosphate (beta-D) mannosyltransferase 2	1.74	0.1983
BG065272	high mobility group AT-hook 1	1.73	0.1983
BG064361	G protein-coupled receptor, family C, group 5, member C	1.73	0.1983
AA105153	neurofibromatosis 2	1.73	0.1983
AV113098	gap junction membrane channel protein alpha 1	1.73	0.1983
BG067993	EST	1.73	0.2453
BG064107	RIKEN cDNA 6030426L16 gene	1.73	0.2453
BG065205	death associated protein 3	1.73	0.2453
AV093395	small nuclear ribonucleoprotein N	1.73	0.2453
BG065664	RIKEN cDNA 2810004N23 gene	1.73	0.2453
AV078244	RIKEN cDNA 0610038L10 gene	1.73	0.2453
BG064699	proteasome (prosome, macropain) 26S subunit, ATPase 2	1.73	0.2453
BG064528	RIKEN cDNA 9930104H07 gene	1.73	0.2453
AV094501	RIKEN cDNA 1110027L01 gene	1.72	0.2453
AV095421	ubiquitin-conjugating enzyme E2B, RAD6 homology (S. cerevisiae)	1.72	0.2453
BG076119	small inducible cytokine subfamily E, member 1	1.72	0.2453
BG064304	chaperonin subunit 8 (theta)	1.72	0.2453
BG067656	R3H domain (binds single-stranded nucleic acids)	1.72	0.2453
AA124251	PCTAIRE-motif protein kinase 3	1.72	0.2453
BG066439	nuclease sensitive element binding protein 1	1.72	0.2453
BG064117	heterogeneous nuclear ribonucleoprotein A2/B1	1.72	0.2453
BG063846	cation-transporting ATPase	1.72	0.2453
BG073223	gelsolin	1.72	0.2453
AV060561	RIKEN cDNA 1110055A02 gene	1.72	0.2453
BG065035	chaperonin subunit 7 (eta)	1.72	0.2453

BG064368	Mki67 (FHA domain) interacting nucleolar phosphoprotein	1.72	0.2453
AA163696	interferon regulatory factor 3	1.72	0.2453
BG062988	WD repeat domain 9	1.72	0.2453
BG070285	enoyl Coenzyme A hydratase domain containing 1	1.72	0.2453
AW542372	S100 calcium binding protein A13	1.72	0.2453
BG070033	glucocorticoid induced transcript 1	1.72	0.2453
BG069761	RIKEN cDNA 2810409H07 gene	1.71	0.2453
AV088008	succinate-Coenzyme A ligase, ADP-forming, beta subunit	1.71	0.2453
AV016274	actin-binding LIM protein 1	1.71	0.2453
BG070417	RIKEN cDNA 2410018D16 gene	1.71	0.2453
BG076213	RIKEN cDNA 0610006I08 gene	1.71	0.2453
BG064552	keratin complex 1, acidic, gene 18	1.71	0.2453
BG066599	jumonji	1.71	0.2453
AV006223	gelsolin	1.71	0.2453
AV012912	aldehyde dehydrogenase family 6, subfamily A1	1.71	0.2453
AI840758	DNA segment, Chr 12, ERATO Doi 771, expressed	1.71	0.2453
AA137979	zinc finger protein 422	1.71	0.2453
BG064084	armadillo repeat containing protein	1.70	0.2453
BG076111	RIKEN cDNA 0610041L09 gene	1.70	0.2453
BG063186	DNA segment, Chr 5, Wayne State University 152, expressed	1.70	0.2453
BG066448	serine/threonine kinase receptor associated protein	1.70	0.2453
BG067333	RIKEN cDNA 5730409F23 gene	1.70	0.2453
AV088085	IK cytokine	1.70	0.2453
BG063912	Mus musculus transcribed sequences	1.70	0.2453
BG064721	RIKEN cDNA 2610529C04 gene	1.70	0.2453
AV041383	suppressor of K+ transport defect 3	1.70	0.2453
BG069939	poly A binding protein, cytoplasmic 4	1.70	0.2453
AV043121	phosphohistidine phosphatase	1.70	0.2453
BG065004	RIKEN cDNA 6230400O18 gene	1.70	0.2453
AV033189	RIKEN cDNA 1110061A19 gene	1.70	0.2453
AV093751	mitochondrial ribosomal protein L40	1.69	0.2453
BG076101	coatomer protein complex, subunit epsilon	1.69	0.2453
BI076577	EST	1.69	0.2453
BG065324	neural-salient serine/arginine-rich	1.69	0.2453
BG063253	heterogeneous nuclear ribonucleoproteins methyltransferase-like 2 (S. cerevisiae)	1.69	0.2453
AV053221	nucleosome assembly protein 1-like 1	1.69	0.2453
BG065663	mitochondrial ribosomal protein L2	1.69	0.2453
AV056089	Alg5 homolog (S. cerevisiae)	1.69	0.2453
BG063785	DNA segment, Chr 13, Wayne State University 177, expressed	1.68	0.2453
BG063966	mitochondrial ribosomal protein L32	1.68	0.3691
AV095178	Mus musculus transcribed sequences	1.68	0.3691
AV095121	FK506 binding protein 8	1.68	0.3691
BG063065	Mus musculus transcribed sequences	1.68	0.3691
BG065555	Wilms' tumour 1-associating protein	1.68	0.3691
AA217849	LIM domain binding 1	1.68	0.3691
AV083150	transmembrane 4 superfamily member 13	1.68	0.3691
AA162148	RIKEN cDNA 2810453H10 gene	1.68	0.3691
BG064359	ubiquitin-conjugating enzyme E2R 2	1.68	0.3691
BG065524	preimplantation protein 3	1.67	0.3691
BG065052	receptor-like tyrosine kinase	1.67	0.3691
BG064634	RNA polymerase 1-3	1.67	0.3691

BG064769	chaperonin subunit 5 (epsilon)	1.67	0.3691
AV141239	RIKEN cDNA 2810037C14 gene	1.67	0.3691
BG066298	RIKEN cDNA 2310022K01 gene	1.67	0.3691
BG075884	calpain, small subunit 1	1.67	0.3691
AV061385	Mus musculus, Similar to protein kinase, lysine deficient 1, clone IMAGE:4193361, mRNA, partial cds	1.67	0.3691
BG071286	RIKEN cDNA 1810037I17 gene	1.67	0.3691
AV057014	RIKEN cDNA 1810044A24 gene	1.66	0.3691
BG064812	chaperonin subunit 3 (gamma)	1.66	0.3691
AV084514	blocked early in transport 1 homolog (S. cerevisiae)-like	1.66	0.3691
BG066438	glia maturation factor, beta	1.66	0.3691
BG063453	polymyositis/scleroderma autoantigen 2	1.66	0.3691
BG067098	RIKEN cDNA 2310063P06 gene	1.66	0.3691
BG069764	RIKEN cDNA 2810411G23 gene	1.66	0.3691
AV140189	RIKEN cDNA 0610040B21 gene	1.66	0.3691
BG074161	RIKEN cDNA 2310075C12 gene	1.66	0.3691
BG063691	RIKEN cDNA 2600002E23 gene	1.66	0.3691
BG064440	copine III	1.66	0.3691
BG066349	cDNA sequence BC002199	1.66	0.3691
AV083198	glucosidase, beta; acid	1.65	0.3691
AV016287	DNA segment, Chr 10, ERATO Doi 73, expressed	1.65	0.3691
AV081396	EST	1.65	0.3691
AV025761	RIKEN cDNA 1200015G06 gene	1.65	0.3691
AV015845	DNA segment, Chr 11, Lothar Hennighausen 2, expressed	1.65	0.3691
BG064547	RIKEN cDNA 2610528A17 gene	1.65	0.3691
AV077859	RIKEN cDNA 1700047I17 gene	1.65	0.3691
AA111239	cytochrome b-5	1.64	0.3691
BG065173	RIKEN cDNA 1700022N24 gene	1.64	0.3691
AI385696	raf-related oncogene	1.64	0.3691
AV095061	AHA1, activator of heat shock 90kDa protein ATPase homolog 1 (yeast)	1.64	0.3691
BG063105	TAP binding protein	1.64	0.3691
BG067267	expressed sequence AI847934	1.64	0.3691
AI839764	PTEN induced putative kinase 1	1.64	0.3691
BG064992	SEC14-like 4 (S. cerevisiae)	1.64	0.3691
BG067896	cornichon homolog (Drosophila)	1.64	0.3691
AV011563	discs, large homolog 1 (Drosophila)	1.64	0.3691
AV000529	enoyl coenzyme A hydratase 1, peroxisomal	1.64	0.3691
BG067793	RIKEN cDNA 2010004P11 gene	1.64	0.3691
BG063897	RAN binding protein 9	1.63	0.3691
AW538992	proteasome (prosome, macropain) 26S subunit, non-ATPase, 14	1.63	0.3691
BG065317	hypothetical protein LOC233805	1.63	0.3691
AW544238	EST	1.63	0.3691
AV133940	guanine nucleotide binding protein (G protein), gamma 10	1.63	0.3691
AA137889	quininoid dihydropteridine reductase	1.63	0.3691
AI854104	Mus musculus, clone MGC:37981 IMAGE:5137303, mRNA, complete cds	1.63	0.3691
AW537712	microspherule protein 1	1.63	0.3691
AV093026	RIKEN cDNA 2310076O14 gene	1.62	0.3691
AV109368	ring finger protein 8	1.62	0.3691
AV053766	RIKEN cDNA 2510006C20 gene	1.62	0.3691
BG063133	nuclear factor of activated T-cells, cytoplasmic 3	1.62	0.3691
BG063969	phosphatidic acid phosphatase type 2B	1.62	0.3691
BG070328	smt3-specific isopeptidase 1	1.62	0.3691

AV103747	RIKEN cDNA 2810014D17 gene	1.62	0.4750
AV005828	L-3-hydroxyacyl-Coenzyme A dehydrogenase, short chain	1.62	0.4750
AV040818	RIKEN cDNA 1700013N18 gene	1.62	0.4750
AV016857	expressed sequence AW212394	1.62	0.4750
AV066141	EST	1.62	0.4750
AV050264	RIKEN cDNA 1810004I06 gene	1.62	0.4750
BG063690	tetracycline transporter-like protein	1.62	0.4750
BG063237	guanine nucleotide binding protein, alpha q polypeptide	1.62	0.4750
BG066248	interferon gamma inducible protein 30	1.62	0.4750
BG063273	phosphoribosyl pyrophosphate amidotransferase	1.61	0.4750
BG067968	ring finger protein 25	1.61	0.4750
AV135842	cDNA sequence BC028768	1.61	0.4750
BG064275	Mus musculus, clone IMAGE:5322989, mRNA	1.61	0.4750
AV083461	ADP-ribosylation factor interacting protein 2	1.61	0.4750
AV066108	translocase of outer mitochondrial membrane 22 homolog (yeast)	1.61	0.4750
BG069886	splicing factor 3b, subunit 4	1.61	0.4750
AI838745	procollagen, type I, alpha 1	1.61	0.4750
AV082117	Sin3-associated polypeptide 18	1.61	0.4750
BG067642	RIKEN cDNA 4930579A11 gene	1.60	0.4750
BG066431	RIKEN cDNA 5730589K01 gene	1.60	0.4750
AA105196	proteasome (prosome, macropain) subunit, alpha type 1	1.60	0.4750
BG069990	Bcl2-associated athanogene 1	1.60	0.4750
AV003763	COP9 (constitutive photomorphogenic) homolog, subunit 5 (Arabidopsis thaliana)	1.60	0.4750
AV083599	RIKEN cDNA 1110011C06 gene	1.60	0.4750
BG064975	sorting nexin 9	1.59	0.4750
BG069172	RIKEN cDNA 3110018K12 gene	1.59	0.4750
BG076353	Mus musculus transcribed sequences	1.59	0.4750
BG066697	hematological and neurological expressed sequence 1	1.59	0.4750
BG063927	chloride intracellular channel 4 (mitochondrial)	1.59	0.4750
AV112909	apoptosis inhibitor 5	1.59	0.4750
BG064295	LIM and SH3 protein 1	1.59	0.4750
BG070019	RIKEN cDNA 2010203O07 gene	1.59	0.4750
BG067754	pleckstrin homology, Sec7 and coiled-coil domains 2	1.59	0.4750
AA049883	methylthioadenosine phosphorylase	1.59	0.4750
AV113382	EST	1.58	0.4750
AV072054	E26 avian leukemia oncogene 2, 3' domain	1.58	0.4750
BG070403	Mus musculus transcribed sequence with weak similarity to protein ref:NP_081764.1 (M.musculus) RIKEN cDNA 5730493B19 [Mus musculus]	1.58	0.4750
AV032250	opioid growth factor receptor	1.58	0.4750
AV077840	cysteine and glycine-rich protein 1	1.58	0.4750
AV086128	regulator of G-protein signaling 19 interacting protein 1	1.58	0.4750
AV140307	EST	1.58	0.4750
BG063961	mannosidase 1, alpha	1.58	0.4750
BG075611	RIKEN cDNA 2810450M21 gene	1.58	0.4750
BG064508	EST	1.58	0.4750
BG067323	Mus musculus transcribed sequences	1.58	0.4750
BG065198	cDNA sequence BC030867	1.58	0.4750
BG064197	Mus musculus, clone IMAGE:5345295, mRNA	1.58	0.4750
BG064193	eukaryotic translation initiation factor 3, subunit 4 (delta)	1.58	0.4750
BG064520	START domain containing 7	1.57	0.5848
BG064299	RIKEN cDNA 2610027L16 gene	1.57	0.5848

AV140371	NTF2-related export protein 1	1.57	0.5848
AV015310	RIKEN cDNA 3230402E02 gene	1.57	0.5848
BG064602	RIKEN cDNA 1110033A15 gene	1.57	0.5848
BG065413	branched chain ketoacid dehydrogenase kinase	1.56	0.5848
BG075935	cDNA sequence BC033596	1.56	0.5848
BG064823	phosphoglycerate mutase 1	1.56	0.5848
BG074870	zinc finger protein 106	1.56	0.5848
BG072138	RIKEN cDNA 0610033L19 gene	1.55	0.5848
AV086862	Mus musculus transcribed sequence with weak similarity to protein ref:NP_079268.1 (H.sapiens) hypothetical protein FLJ12547 [Homo sapiens]	1.55	0.5848
BG067731	RIKEN cDNA 3110001D03 gene	1.55	0.5848
BG064593	karyopherin (importin) alpha 2	1.55	0.5848
BG066047	phosphoribosyl pyrophosphate synthetase-associated protein 2	1.55	0.5848
BG067250	autophagy 5-like (S. cerevisiae)	1.54	0.5848
BG065184	bromodomain containing 8	1.54	0.5848
BG073451	RIKEN cDNA 2010003J03 gene	1.54	0.5848
BG074445	integrin linked kinase	1.54	0.5848
BG065518	solute carrier family 25 (mitochondrial carrier; peroxisomal membrane protein), member 17	1.54	0.5848
BG075453	cyclin-dependent kinase 4	1.54	0.5848
BG069742	calcyclin binding protein	1.54	0.5848
AW539380	EST	1.54	0.5848
BG064677	transient receptor potential cation channel, subfamily C, member 4 associated protein	1.54	0.5848
BG067449	high mobility group box transcription factor 1	1.53	0.5848
BG065254	peroxisomal trans-2-enoyl-CoA reductase	1.53	0.5848
AV028917	EST	1.53	0.5848
BG065225	solute carrier family 35, member B1	1.53	0.5848
AA139010	cold shock domain protein A	1.53	0.5848
BG068834	RIKEN cDNA 2610024G14 gene	1.53	0.5848
BG064215	trans-acting transcription factor 1	1.52	0.5848
BG063131	RIKEN cDNA 2610301I15 gene	1.52	0.5848
AV140227	sperm specific antigen 1	1.52	0.5848
BG064748	xylosyltransferase II	1.52	0.5848
BG066027	proteasome (prosome, macropain) subunit, alpha type 3	1.52	0.5848
AV028532	acyl-Coenzyme A dehydrogenase, short/branched chain	1.52	0.5848
BG065421	spectrin SH3 domain binding protein 1	1.52	0.5848
BG068195	ATP-binding cassette, sub-family E (OABP), member 1	1.52	0.5848
BG067414	DNA segment, Chr 15, ERATO Doi 785, expressed	1.51	0.5848
AV056632	RIKEN cDNA 1810042B05 gene	1.51	0.5848
AW544184	EST	1.51	0.5848
BG065504	SNF2 histone linker PHD RING helicase	1.51	0.5848
AV008708	RAB5C, member RAS oncogene family	1.51	0.5848
AV103703	3-hydroxy-3-methylglutaryl-Coenzyme A lyase	1.51	0.5848
BG064555	NADH dehydrogenase (ubiquinone) Fe-S protein 8	1.51	0.5848
BG069603	retinoblastoma binding protein 7	1.51	0.5848
AV086656	interferon gamma inducible protein	1.51	0.5848
BG064679	3-phosphoglycerate dehydrogenase	1.51	0.5848
BG067613	RIKEN cDNA 4432409D24 gene	1.51	0.5848
W09528	adaptor-related protein complex 3, delta subunit	1.51	0.5848
AW558366	EST	1.51	0.5848
W59350	paired-like homeodomain transcription factor 2	1.50	0.5848

BG070291	RIKEN cDNA 6230416A05 gene	1.50	0.5848
AV104389	voltage-dependent anion channel 3	1.50	0.5848
BG065511	translocase of inner mitochondrial membrane 23 homolog (yeast)	1.50	0.5848
BG064255	Mus musculus mRNA for mKIAA1321 protein	1.50	0.5848
BG074635	NADH dehydrogenase (ubiquinone) Fe-S protein 2	1.50	0.5848
BG063947	sorting nexin 15	1.50	0.5848
AV031953	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex 10	1.50	0.5848
AV094680	ubiquitin specific protease 31	1.50	0.5848
AV058770	proteasome (prosome, macropain) subunit, beta type 2	1.50	0.5848
AV048407	Sjogren syndrome antigen B	1.49	0.5848
BG076043	DEAD (Asp-Glu-Ala-Asp) box polypeptide 27	1.49	0.5848
AV036817	START domain containing 10	1.49	0.5848
BG065154	kinetochore associated 1	1.49	0.5848
BG065135	RIKEN cDNA 1110014N23 gene	1.49	0.5848
AV029709	protein C receptor, endothelial	1.49	0.5848
BG069883	basic leucine zipper and W2 domains 1	1.49	0.5848
AV039918	EST	1.49	0.5848
BG063286	DNA segment, Chr 5, Brigham & Women's Genetics 1524 expressed	1.49	0.5848
BG064592	diptheria toxin resistance protein required for diphthamide biosynthesis (Saccharomyces)-like 2	1.49	0.7770
BG063544	DEAD (Asp-Glu-Ala-Asp) box polypeptide 18	1.49	0.7770
AV029890	RIKEN cDNA 6620401M08 gene	1.49	0.7770
BG064883	ADP-ribosylation factor-like 1	1.49	0.7770
AV095056	RIKEN cDNA 3010027G13 gene	1.48	0.7770
BG064468	DNA segment, Chr 3, ERATO Doi 330, expressed	1.48	0.7770
BG076311	suppressor of Ty 6 homolog (S. cerevisiae)	1.48	0.7770
AW537561	secreted acidic cysteine rich glycoprotein	1.48	0.7770
BG064952	splicing factor, arginine/serine-rich 3 (SRp20)	1.48	0.7770
BG066552	RIKEN cDNA D530048A03 gene	1.48	0.7770
AI414506	histone 1, H1c	1.47	0.7770
BG067276	RIKEN cDNA 9130213B05 gene	1.47	0.7770
AU041657	Mus musculus transcribed sequences	1.47	0.7770
AW538074	RIKEN cDNA 2700025J07 gene	1.47	0.7770
AV095084	mitochondrial ribosomal protein L15	1.47	0.7770
BG064327	RAS-related C3 botulinum substrate 1	1.47	0.7770
BG068824	choline/ethanolaminephosphotransferase 1	1.47	0.7770
BG067873	poly (A) polymerase alpha	1.47	0.7770
BG062982	mitchondrial ribosomal protein S7	1.46	0.7770
AV140114	EST	1.46	0.7770
AA776162	calcium channel, voltage-dependent, L type, alpha 1B subunit	1.46	0.7770
AV083408	calcium binding atopy-related autoantigen 1	1.46	0.7770
BG074386	Mus musculus mRNA similar to chromosome 20 open reading frame 116 (cDNA clone IMAGE:5057945)	1.46	0.7770
BG073064	spectrin alpha 2	1.46	0.7770
BG065299	interleukin enhancer binding factor 2	1.46	0.7770
AV140342	cDNA sequence BC004012	1.46	0.7770
BG076165	adenylate kinase 2	1.45	0.7770
BG068322	RIKEN cDNA 2400003N08 gene	1.45	0.7770
AV054545	EST	1.45	0.7770
BG076500	phosphofructokinase, muscle	1.44	0.7770
AA108563	dodecenoyl-Coenzyme A delta isomerase (3,2 trans-enoyl-Coenyme A isomerase)	1.44	0.7770

BG075034	histone deacetylase 3	1.44	0.7770
AV006363	aldehyde dehydrogenase family 6, subfamily A1	1.44	0.7770
BG076373	chemokine (C-C motif) ligand 27	1.44	0.7770
AA144244	v-crk sarcoma virus CT10 oncogene homolog (avian)-like	1.44	0.7770
BG065186	PDGFA associated protein 1	1.44	0.7770
AW536804	EST	1.43	0.7770
AV088347	basic leucine zipper and W2 domains 1	1.43	0.7770
BG068320	Mus musculus transcribed sequences	1.43	0.7770
BG066827	enoyl Coenzyme A hydratase, short chain, 1, mitochondrial	1.43	0.7770
BG066580	desmoglein 2	1.43	0.7770
AV095176	prion protein interacting protein 1	1.43	0.7770
AV004247	RIKEN cDNA 0610040D20 gene	1.43	0.7770
AA140026	polymerase (RNA) II (DNA directed) polypeptide G	1.43	0.7770
AV109345	RIKEN cDNA 1110011K10 gene	1.42	0.7770
BG063987	annexin A11	1.42	0.7770
AW558451	reticulon 3	1.42	0.7770
BG064474	ferritin light chain 1	1.42	0.7770
AA154325	RAN binding protein 2	1.42	0.7770
BG064655	galactokinase 1	1.42	0.7770
AW545215	prenylated SNARE protein	1.42	0.7770
AV000555	pyruvate kinase, muscle	1.41	0.7770
AA162940	eukaryotic translation initiation factor 4E binding protein 2	1.41	0.7770
BI076582	EST	1.41	0.7770
BG065252	RNA-binding region (RNP1, RRM) containing 2	1.40	0.7770
BG068203	ubiquitously transcribed tetratricopeptide repeat gene, X chromosome	1.40	0.7770
BG065480	coatomer protein complex, subunit zeta 1	1.40	0.7770
AV171867	CD 81 antigen	1.39	0.7770
BG065167	ash2 (absent, small, or homeotic)-like (Drosophila)	1.39	0.7770
BG064807	ceroid-lipofuscinosis, neuronal 2	1.39	0.9719
AV141381	RIKEN cDNA 2810410M20 gene	1.39	0.9719
BG065259	cytochrome b-5	1.38	0.9719
AV040272	phosphorylated adaptor for RNA export	1.38	0.9719
BG076018	Mus musculus, Similar to thyroid hormone receptor-associated protein, 150 kDa subunit, clone MGC:56927 IMAGE:6314114, mRNA, complete cds	1.38	0.9719
BG065133	chaperonin subunit 4 (delta)	1.38	0.9719
AV103672	Trk-fused gene	1.38	0.9719
AW543826	RAB2, member RAS oncogene family	1.37	0.9719
BG075972	RAN, member RAS oncogene family	1.37	0.9719
AV092823	ribosomal protein L29	1.37	0.9719
AV084455	dolichyl-phosphate mannosyltransferase polypeptide 3	1.36	0.9719
AW701842	Tial1 cytotoxic granule-associated RNA binding protein-like 1	1.36	0.9719
AW545321	EST	1.36	0.9719
AV220488	tumor necrosis factor receptor superfamily, member 11b (osteoprotegerin)	1.36	0.9719
AV056021	NADH dehydrogenase (ubiquinone) 1 beta subcomplex 8	1.36	0.9719
BG067101	nucleobindin	1.36	0.9719
BG075290	RIKEN cDNA 4833421E05 gene	1.35	0.9719
BG070121	RIKEN cDNA 1500004O14 gene	1.35	0.9719
AV061755	hypoxia induced gene 1	1.34	0.9719
AV060291	mitochondrial ribosomal protein S18A	1.34	0.9719
AV141401	RIKEN cDNA 2810410P22 gene	1.34	0.9719
AV094473	zona pellucida glycoprotein 3	1.34	0.9719
AV006094	ribosomal protein L8	1.33	0.9719

BG064613	small acidic protein	1.33	0.9719
AW544139	EST	1.33	0.9719
AV053955	RIKEN cDNA 3110023E09 gene	1.33	0.9719
AU022405	CCAAT/enhancer binding protein (C/EBP), gamma	1.32	0.9719
BG063275	cDNA sequence BC030906	1.32	0.9719
AV055515	high mobility group box 1	1.32	0.9719
AV123148	RIKEN cDNA 1110002H14 gene	1.32	0.9719
AV030294	apolipoprotein E	1.32	0.9719
AV140213	splicing factor, arginine/serine-rich 3 (SRp20)	1.32	0.9719
BG075353	RIKEN cDNA 1110013H04 gene	1.31	0.9719
AV070814	RIKEN cDNA 2010107H07 gene	1.31	0.9719
AV064965	EST	1.31	0.9719
AV082112	alcohol dehydrogenase 1 (class I)	1.29	0.9719
BG072169	splicing factor 3b, subunit 2	1.29	0.9719
AV073515	Mus musculus transcribed sequences	1.29	0.9719
AV093404	RIKEN cDNA 2400001E08 gene	1.29	0.9719
BG069860	RIKEN cDNA 3110020O18 gene	1.25	0.9719
BG076118	expressed sequence AI314180	1.24	0.9719
BE135129	EST	1.24	0.9719