

Supplemental Table S1

AMH Regulated Genes

Genes that are present in at least 1 of 2 conditions, have greater than 100 expression signal in at least 1 of 2 conditions, have a 2 fold change from control to at least one treatment and are significantly different in at least 1 of 2 conditions. The microarray raw signal is presented for control and AMH.

** Bold genes have a higher expression with MIS treatment when compared to control

Apoptosis

Common	Control	AMH	Genbank	Description
Dapk1	142	399	AA818353	death associated protein kinase 1 (predicted)
Ddx42	91	192	BM390256	DEAD (Asp-Glu-Ala-Asp) box polypeptide 42
<i>Birc5</i>	245	58	NM_022274	baculoviral IAP repeat-containing 5 (survivin)
<i>Cbl27</i>	118	55	AF275151	androgen receptor-related apoptosis-associated
<i>Emp2</i>	220	63	BE112998	epithelial membrane protein 2
<i>Ddx24</i>	763	66	AW252511	DEAD (Asp-Glu-Ala-Asp) box polypeptide 24
<i>Ddx3x</i>	225	77	BF391513	DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, X-I
<i>Dhx36</i>	187	17	BF404389	DEAH (Asp-Glu-Ala-His) box polypeptide 36
<i>LOC290671</i>	740	188	BM390197	similar to novel cell death-regulatory protein

Cell Cycle

Common	Control	AMH	Genbank	Description
<i>Trp53rk</i>	305	86	AI711481	TP53 regulating kinase (predicted) /// TP53
	267	51	AA945153	Similar to zinc finger, HIT domain containing 1;

Cytoskeleton/ECM

Common	Control	AMH	Genbank	Description
Eva	164	275	BI282616	epithelial V-like antigen (predicted)
Pip2	561	1178	BM385031	proteolipid protein 2
<i>Lmna</i>	145	50	NM_021755	lamin A
<i>Mapre1</i>	326	49	U75920	microtubule-associated protein, RP/EB family
<i>LOC286890</i>	429	71	BI295970	tropomyosin isoform 6
<i>LOC286890</i>	525	73	BI295970	tropomyosin isoform 6
<i>MPL3</i>	234	57	AI233190	microtubule-associated proteins 1A/1B light chain 3
<i>Tpm1</i>	234	54	AF372216	tropomyosin 1, alpha
<i>Pfn2</i>	213	74	AF228737	profilin II
<i>LOC286890</i>	389	83	AF053361	tropomyosin isoform 6
<i>Tekt1</i>	208	78	NM_053508	tektin 1
<i>Actn1</i>	296	77	NM_031005	actinin, alpha 1
<i>Adrm1</i>	171	61	NM_031708	adhesion regulating molecule 1
<i>Cfl1</i>	1901	426	BG666614	cofilin 1
<i>Coro1b</i>	346	142	NM_019222	coronin, actin-binding protein, 1B
<i>Obrgrp</i>	103	31	NM_020099	synonym: Ob-Rgrp; Rattus norvegicus OB-receptor
<i>Col1a1</i>	3847	488	BI285575	collagen, type 1, alpha 1
<i>LOC304447</i>	2156	263	BI285502	similar to myosin, light polypeptide 6, alkali, smooth
<i>Actr1a</i>	146	51	BI294346	ARP1 actin-related protein 1 homolog A (yeast)
<i>Arpc2</i>	742	178	AI070323	actin related protein 2/3 complex, subunit 2
<i>Coro1c</i>	211	88	BE120171	coronin, actin binding protein 1C (predicted)
<i>Aplp2</i>	817	222	M31322	amyloid beta (A4) precursor-like protein 2
<i>Mesdc2</i>	145	33	AI013798	mesoderm development candidate 2 (predicted)
<i>Myr2</i>	101	40	NM_023092	unconventional myosin Myr2 I heavy chain
<i>Rdx</i>	390	111	BI297296	radixin
<i>Rdx</i>	143	18	BF565167	radixin
<i>SC2</i>	777	169	BI282960	synaptic glycoprotein SC2
<i>Spnb2</i>	170	84	BF392456	spectrin beta 2

<i>Spnb2</i>	267	102	BF559566	Spectrin beta 2
<i>Tmsb10</i>	1609	89	NM_021261	thymosin, beta 10

Development

Common	Control	AMH	Genbank	Description
<i>Lgl1</i>	79	206	AI175861	late gestation lung protein 1
<i>Plac9</i>	62	69	BI276313	placenta-specific 9 (predicted)
<i>IAG2</i>	339	100	NM_053946	implantation-associated protein
<i>Dscr1</i>	128	47	AI170193	Down syndrome critical region homolog 1 (human)
<i>Sp17</i>	221	49	NM_053482	sperm autoantigenic protein 17
<i>Cops7a</i>	283	72	BE110772	COP9 (constitutive photomorphogenic) homolog, discs, large homolog 1 (Drosophila)
<i>Dlgh1</i>	105	36	NM_012788	muscleblind-like 2 (predicted)
<i>Mbnl2</i>	110	5	AI180361	myotrophin
<i>Mtpn</i>	391	91	BG667380	estrous-specific protein, 250 kDa
<i>LOC246270</i>	677	108	AI105044	similar to hematopoietic progenitor protein
<i>LOC500727</i>	111	20	BI293502	Sjogren's syndrome nuclear autoantigen 1
---	472	198	BF281133	Sprouty protein with EVH-1 domain 1, related
---	205	48	BF388903	DiGeorge syndrome critical region gene 14
---	113	57	BM386296	

Electron Transport

Common	Control	AMH	Genbank	Description
<i>Cyp51</i>	574	929	NM_012941	cytochrome P450, subfamily 51
<i>Fdx1</i>	508	1081	NM_017126	ferredoxin 1
<i>Hpgd</i>	30	91	AA848820	NAD-dependent 15-hydroxyprostaglandin
<i>Cyp2u1</i>	91	207	BF392959	cytochrome P450, family 2, subfamily u,
<i>Mto1</i>	83	200	BM386301	mitochondrial translation optimization 1 homolog
<i>Cycs</i>	666	210	NM_012839	cytochrome c, somatic
<i>Cyba</i>	363	125	AI232788	cytochrome b558 alpha-subunit
<i>Cox7b</i>	2444	679	AA866477	cytochrome c oxidase subunit VIIIb
<i>Ndufa5</i>	247	55	NM_012985	NADH dehydrogenase (ubiquinone) 1 alpha

Growth Factor/Cytokines/Chemokines

Common	Control	AMH	Genbank	Description
<i>Gdf1</i>	46	119	BI289525	growth differentiation factor 1 (predicted)
<i>Vegf</i>	347	705	AI175732	vascular endothelial growth factor
<i>Csf1</i>	176	220	AW535553	colony stimulating factor 1(macrophage)
<i>Agpt2</i>	64	181	BI275292	angiopoietin-2
<i>Slpa</i>	261	78	AF180526	septin-like protein
<i>Fgfr1</i>	241	68	S54008	Fibroblast growth factor receptor 1
<i>Bmp15</i>	131	22	NM_021670	bone morphogenetic protein 15
<i>Emp3</i>	857	366	NM_030847	epithelial membrane protein 3
<i>Gdf9</i>	1729	386	NM_021672	growth differentiation factor 9
<i>Ccl21b</i>	201	41	BI282920	chemokine (C-C motif) ligand 21b (serine)
<i>Ccl7</i>	250	100	BF419899	chemokine (C-C motif) ligand 7
<i>Crim1</i>	174	67	BI289620	cysteine-rich motor neuron 1 (predicted)
<i>Mif</i>	1630	153	NM_031051	macrophage migration inhibitory factor
<i>Fstl</i>	370	76	NM_024369	follicle-stimulating factor-like

Golgi

Common	Control	AMH	Genbank	Description
<i>Ttgn1</i>	77	319	AW917192	trans-golgi network protein 1

Hs3st1	96	130	AF177430	heparan sulfate (glucosamine) 3-O-
<i>Rnp24</i>	438	121	NM_031722	coated vesicle membrane protein
<i>Gmx33</i>	152	59	NM_023977	trans-Golgi protein GMx33
<i>Arf5</i>	264	90	NM_024149	ADP-ribosylation factor 5
<i>Bet1l</i>	127	17	NM_019368	blocked early in transport 1 homolog (<i>S. cerevisiae</i>)-
<i>Mclc</i>	1174	398	AB052921	Mid-1-related chloride channel 1
<i>Ap1s1</i>	295	74	AA955775	adaptor protein complex AP-1, sigma 1 (predicted)
<i>Copz1</i>	404	47	BF406339	coatamer protein complex, subunit zeta 1
<i>Stx5a</i>	251	58	BI296446	syntaxin 5a
<i>Trappc1</i>	456	120	BE112892	trafficking protein particle complex 1 (predicted)
<i>Lgals5</i>	306	87	NM_012976	lectin, galactose binding, soluble 5
<i>Lgals9</i>	157	27	U72741	lectin, galactose binding, soluble 9
<i>B3gnt7</i>	101	33	BE098162	UDP-GlcNAc:betaGal beta-1,3-N-
<i>LOC502017 ///</i>	388	141	AI179780	similar to Dolichol-phosphate mannosyltransferase
<i>RGD1307160</i>	204	92	BF283388	similar to golgi-specific brefeldin A-resistance

Immune Response

Common	Control	AMH	Genbank	Description
<i>Bcl10</i>	360	683	NM_031328	B-cell CLL/lymphoma 10
<i>Cd68</i>	59	139	AI177761	CD68 antigen (predicted)
<i>Ly6b</i>	149	44	NM_020103	Ly6-C antigen gene
<i>Scye1</i>	235	42	AI454911	endothelial monocyte activating polypeptide 2
---	114	32	AW534002	B-cell CLL/lymphoma 7A (predicted)

Metabolism / Transport

Common	Control	AMH	Genbank	Description
<i>Ptgis</i>	259	497	NM_031557	prostaglandin I2 synthase
	63	80	AI639241	Similar to Ubiquitin carboxyl-terminal hydrolase
<i>Asns</i>	86	246	U07202	asparagine synthetase
<i>Bach</i>	138	213	D88891	brain acyl-CoA hydrolase
<i>Bcat1</i>	117	292	AI102790	branched chain aminotransferase 1, cytosolic
<i>Gpx2</i>	158	482	AA800587	glutathione peroxidase 2
<i>Hsd3b1</i>	225	1076	NM_017265	hydroxy-delta-5-steroid dehydrogenase, 3 beta-
<i>Kpna1</i>	103	155	AI101822	karyopherin alpha 1 (importin alpha 5)
<i>Comtd1</i>	144	392	AW251225	catechol-O-methyltransferase domain
<i>Kcne2</i>	146	355	AW920063	potassium voltage-gated channel, Isk-related
<i>Nmt2</i>	55	412	AA900781	N-myristoyltransferase 2
<i>Nid67</i>	144	298	AF313411	putative small membrane protein NID67
<i>Pex13</i>	820	1143	AI012951	peroxisomal biogenesis factor 13 (predicted)
<i>Pfkip</i>	212	513	BM389769	Phosphofructokinase, platelet
<i>Phax</i>	1010	1255	AI044239	phosphorylated adaptor for RNA export
<i>Scyl1</i>	267	438	AI180441	SCY1-like 1 (<i>S. cerevisiae</i>) (predicted)
<i>Sec6</i>	296	400	AA851443	RSec6 protein
<i>Slc39a1</i>	97	109	NM_133315	solute carrier family 39 (iron-regulated
<i>Star</i>	55	118	AB006007	steroidogenic acute regulatory protein
<i>Star</i>	85	235	NM_031558	steroidogenic acute regulatory protein
<i>Dpysl2</i>	195	449	BE118404	dihydropyrimidinase-like 2
<i>Hbb</i>	414	47	X05080	hemoglobin beta chain complex
<i>Sord</i>	267	80	NM_017052	sorbitol dehydrogenase
<i>Ephx1</i>	161	63	NM_012844	epoxide hydrolase 1
<i>Prps1</i>	358	93	M29392	phosphoribosyl pyrophosphate synthetase 1
<i>Glns</i>	123	39	BI296610	glutamine synthetase 1
<i>LOC191574</i>	173	33	M61937	3-alpha-hydroxysteroid dehydrogenase
<i>Adk</i>	242	86	U90340	adenosine kinase

<i>Vdac1</i>	164	42	AF268467	voltage-dependent anion channel 1
<i>Apoe</i>	2746	972	J02582	Rat apolipoprotein E gene
<i>Gtrap3-18</i>	305	70	NM_023972	glutamate transporter EAAC1 interacting protein
	251	102	BF561717	Similar to pyruvate dehydrogenase (LOC306640),
<i>Rbp1</i>	1288	487	NM_012733	retinol binding protein 1
<i>Ap2s1</i>	560	92	NM_022952	clathrin-associated protein 17
<i>Atp5g1</i>	931	181	NM_017311	ATP synthase, H ⁺ transporting, mitochondrial F0
<i>Atp5g2</i>	1779	210	AI170772	ATP synthase, H ⁺ transporting, mitochondrial F0
<i>Atp5jd</i>	1752	448	NM_019383	ATP synthase subunit d
<i>Atp6s1</i>	441	206	NM_031785	ATPase, H ⁺ transporting, lysosomal (vacuolar
<i>Ckb</i>	857	197	M14400	creatine kinase, brain
<i>Coq7</i>	280	136	U46149	demethyl-Q 7
<i>Ddah1</i>	553	186	NM_022297	Rattus norvegicus dimethylarginine
<i>Ech1</i>	920	299	NM_022594	enoyl coenzyme A hydratase 1
<i>Ensa</i>	385	125	BI289922	endosulfine alpha
<i>Ensa</i>	168	38	NM_021842	endosulfine alpha
<i>Fen1</i>	215	122	NM_053430	Flap structure-specific endonuclease 1
<i>Fkbp1a</i>	316	99	NM_053308	FK506-binding protein 1a
<i>Fkbp4</i>	465	219	BE113154	FK506 binding protein 4 (59 kDa)
<i>Fxyd1</i>	214	52	NM_031648	FXYD domain-containing ion transport regulator 1
<i>Fyn</i>	246	51	NM_012755	fyn proto-oncogene
<i>Gaa</i>	140	43	BF404337	glucosidase, alpha; acid (Pompe disease, glycogen
<i>Gb3</i>	196	62	NM_022240	Gb3 synthase
<i>Gmpr</i>	299	99	NM_057188	guanosine monophosphate reductase
<i>Gpx4</i>	1068	356	NM_017165	glutathione peroxidase 4
<i>Gstm3</i>	180	72	NM_031154	glutathione S-transferase, mu type 3 (Yb3)
<i>Gstp2</i>	2147	789	X02904	glutathione S-transferase, pi 2
<i>Hba1</i>	2691	223	AI179404	Similar to hemoglobin alpha chain (LOC367986),
<i>Hba1</i>	2893	233	AI179404	Similar to hemoglobin alpha chain (LOC367986),
<i>Hba1</i>	1282	276	AI577319	hemoglobin, alpha 1
<i>Hbb</i>	1264	72	NM_033234	Rattus norvegicus hemoglobin beta chain complex
<i>Hsd17b10</i>	982	260	NM_031682	hydroxysteroid (17-beta) dehydrogenase 10
<i>Hspbp1</i>	169	49	AF187860	hsp70-interacting protein
<i>Idi1</i>	578	157	NM_053539	isopentenyl-diphosphate delta isomerase
<i>Kcne2</i>	105	47	NM_133603	potassium voltage-gated channel, Isk-related
<i>KRP2</i>	107	19	NM_134472	Rattus norvegicus kinesin-related protein 2 (KRP2)
<i>Laptm4a</i>	2401	646	AW525776	lysosomal-associated protein transmembrane 4
<i>LOC191574</i>	154	49	BF545626	3-alpha-hydroxysteroid dehydrogenase
<i>Acp6</i>	260	33	BF555852	acid phosphatase 6, lysophosphatidic (predicted)
<i>Arih2</i>	114	34	AW918630	ariadne homolog 2 (Drosophila) (predicted)
<i>Arl2bp</i>	111	52	BF567478	ADP-ribosylation factor-like 2 binding protein
<i>Arl6ip4</i>	158	78	BE101624	ADP-ribosylation factor-like 6 interacting protein 4
<i>Asna1</i>	262	111	AI406558	arsA arsenite transporter, ATP-binding, homolog 1
<i>Atp6v0a2</i>	200	60	BE110564	ATPase, H ⁺ transporting, lysosomal V0 subunit a
<i>Dtymk</i>	449	169	AW141143	deoxythymidylate kinase (predicted)
<i>Exosc5</i>	164	63	AA943578	exosome component 5 (predicted)
<i>G2an</i>	175	69	BM389337	alpha glucosidase 2, alpha neutral subunit
<i>Galnt2</i>	291	72	BE111638	UDP-N-acetyl-alpha-D-galactosamine:polypeptide
<i>Gars</i>	110	41	AW507352	glycyl-tRNA synthetase (predicted) /// similar to
<i>Ipo7</i>	421	130	BM390183	importin 7 (predicted)
<i>Kpnb3</i>	691	336	BI280339	karyopherin (importin) beta 3 (predicted)
<i>Mgl</i>	107	25	NM_022393	macrophage galactose N-acetyl-galactosamine
<i>Mgst3</i>	293	109	AA892234	mitochondrial glutathione S-transferase 3 (predicted)
<i>Mrpl35</i>	363	144	BF408394	mitochondrial ribosomal protein L35 (predicted)
<i>Mrps18c</i>	145	35	AI071722	mitochondrial ribosomal protein S18C (predicted)
<i>Mrps23</i>	570	201	AI411153	mitochondrial ribosomal protein S23 (predicted)

<i>Ncbp2</i>	238	79	AI136699	nuclear cap binding protein subunit 2 (predicted)
<i>Nedd4a</i>	650	105	BI286685	neural precursor cell expressed, developmentally
<i>Nusap1</i>	668	267	AI711233	nucleolar and spindle associated protein 1
<i>Orp150</i>	180	58	BI282904	oxygen regulated protein (150kD)
<i>Pafah1b3</i>	391	142	NM_053654	platelet-activating factor acetylhydrolase, isoform
<i>Pex19</i>	113	42	AW141617	peroxisome biogenesis factor 19 (predicted)
<i>Pfkm</i>	103	19	BI291434	phosphofructokinase, muscle
<i>Phex</i>	162	61	NM_013004	phosphate regulating gene with homologies
<i>Prps2</i>	113	51	M17259	phosphoribosyl pyrophosphate synthetase 2
<i>Qdpr</i>	486	155	NM_022390	quinoid dihydropteridine reductase
<i>Rae1</i>	113	28	BF419215	RAE1 RNA export 1 homolog (<i>S. pombe</i>)
<i>Raly</i>	350	147	BM389226	hnRNP-associated with lethal yellow (predicted)
<i>Sec22a</i>	232	40	NM_057147	SEC22 vesicle trafficking protein-like 2
<i>Sec3l1</i>	124	28	BF404853	SEC3-like 1 (<i>S. cerevisiae</i>) (predicted)
<i>Sepw1</i>	153	17	NM_013027	selenoprotein W, muscle 1
<i>Slc4a2</i>	146	45	NM_017048	solute carrier family 4, member 2
<i>Thop1</i>	209	111	M61142	thimet oligopeptidase 1
<i>TOM40</i>	163	71	AA944181	Similar to Probable mitochondrial import receptor
<i>Treh</i>	464	139	AA850780	trehalase
<i>Ttc1</i>	265	30	BM387763	tetratricopeptide repeat domain 1
<i>Ttc11</i>	404	122	AA892378	tetratricopeptide repeat domain 11 (predicted)
<i>Ung</i>	695	345	AA848420	uracil-DNA glycosylase (predicted)
<i>Wbp4</i>	177	32	BG663444	WW domain binding protein 4 (formin binding
<i>Z49858</i>	272	59	NM_022533	plasmolipin
<i>Arf1</i>	899	175	NM_022518	ADP-ribosylation factor 1
<i>Prps1</i>	358	93	M29392	phosphoribosyl pyrophosphate synthetase 1
<i>LOC499528</i>	743	53	BF403931	similar to uracil-DNA glycosylase 2
<i>LOC502642</i>	1333	218	BI285703	similar to Selenoprotein H
<i>RGD:1303221</i>	377	135	BI291292	peptidylprolyl isomerase C
<i>RGD:1303295</i>	1964	315	BG378926	S100 calcium binding protein A11 (calizzarin)
<i>RGD1306617</i>	132	23	AW916358	similar to Serine palmitoyltransferase 1

Proteolysis

Common	Control	AMH	Genbank	Description
<i>Ubc7</i>	406.3	108.9	AF099093	ubiquitin-conjugating enzyme UBC7
Ctsc	410	1354	AW920064	Cathepsin C
Senp5_	118	270	BE105606	cathepsin D
<i>Ctsd</i>	692	264	NM_134334	membrane-bound transcription factor protease,
<i>Mbtps1</i>	770	352	NM_053569	proteasome (prosome, macropain) subunit,
<i>Psm3</i>	1700	604	NM_017280	proteasome (prosome, macropain) subunit, beta
<i>Psm1</i>	1713	508	NM_053590	proteasome (prosome, macropain) subunit, beta
<i>Psm9</i>	337	92	AI599350	SUMO/sentrin specific protease 5 ///
<i>Ube2g2</i>	175	75	BI282191	ubiquitin-conjugating enzyme E2G 2 (predicted)
<i>Ube2n</i>	1277	300	BI294702	ubiquitin-conjugating enzyme E2N
<i>Uchl1</i>	1986	261	NM_017237	ubiquitin carboxy-terminal hydrolase L1
<i>Ufd1l</i>	171	62	NM_053418	ubiquitin fusion degradation 1-like
<i>LOC360990</i>	110	57	BF394201	similar to ubiquitin specific protease 34
<i>LOC499945</i>	704	153	AW142658	similar to ubiquitin-conjugating enzyme E2
---	255	85	BI288780	Ubiquitin specific protease 7 (herpes virus-

Receptors

Common	Control	AMH	Genbank	Description
Cd36l2	83	332	NM_054001	CD36 antigen (collagen type I receptor
Il12rb2	37	50	AW526895	Interleukin 12 receptor, beta 2

<i>Vldlr</i>	233	520	AA849857	very low density lipoprotein receptor
---	23	68	AW253907	Transmembrane 9 superfamily protein member 4
<i>Acvr1</i>	144	68	BM389711	activin type I receptor
<i>Fgfr1</i>	241	68	S54008	Fibroblast growth factor receptor 1
<i>Grin1a</i>	255	57	BG664035	glutamate receptor, ionotropic
<i>Lamr1</i>	4982	697	NM_017138	laminin receptor 1 (67kD, ribosomal protein SA)
<i>Nr1h2</i>	328	109	AI169222	nuclear receptor subfamily 1, group H, member 2
<i>Pmpcb</i>	570	163	NM_022395	mitochondrial processing peptidase beta
<i>Scarb1</i>	125	37	AF071495	scavenger receptor class B, member 1
<i>Srprb</i>	217	64	BF407425	signal recognition particle receptor, B subunit
<i>Fgfr1</i>	241	68	S54008	Fibroblast growth factor receptor 1
---	178	89	BI275978	Transmembrane 9 superfamily protein member

Signaling

Common	Control	AMH	Genbank	Description
<i>RGD1308120</i>	552	1317	BI274192	similar to toll-associated serine protease
<i>LOC502916</i>	72	238	AI170076	similar to RAS-like, estrogen-regulated
<i>LOC499956</i>	104	270	BG372998	similar to Uridine-cytidine kinase 1-like 1
<i>Ptdsr</i>	260	352	AI232697	phosphatidylserine receptor (predicted)
<i>Riok2</i>	69	165	BG371773	RIO kinase 2 (yeast) (predicted)
<i>Rasd1</i>	328	854	AF239157	RAS, dexamethasone-induced 1
<i>Raf1</i>	88	137	BF405684	murine leukemia viral (v-raf-1) oncogene
<i>Csnk1a1</i>	277	645	AI176867	casein kinase 1, alpha 1
<i>Itga6</i>	50	115	AI137931	Integrin, alpha 6
<i>Mrgprb4</i>	56	144	BF550033	MAS-related G protein-coupled receptor,
<i>Ndrg2</i>	439	1103	NM_133583	N-myc downstream-regulated gene 2
<i>Snx7</i>	145	339	AA997003	sorting nexin 7 (predicted)
<i>Pepp2</i>	211	506	AI009219	phosphoinositol 3-phosphate-binding
<i>RGD1307679</i>	140	33	AI501557	similar to ATP/GTP-binding protein (predicted)
<i>MGC105830</i>	206	88	AI711306	similar to Ras-related protein Rab-1B
<i>Rgs2</i>	221	54	AF321837	regulator of G-protein signaling protein 2
	109	38	AA996576	Similar to RAB5B, member RAS oncogene
<i>Akt1</i>	230	65	NM_033230	v-akt murine thymoma viral oncogene homolog
<i>Jak2</i>	200	85	NM_031514	Janus kinase 2
<i>Gucy1a3</i>	132	52	M57405	guanylate cyclase 1, soluble, alpha 3
<i>Arha2</i>	260	69	NM_057132	plysia ras-related homolog A2
<i>Ppm1a</i>	166	55	NM_017038	protein phosphatase 1A, magnesium
<i>Ppp2r1a</i>	513	235	AA800669	protein phosphatase 2 (formerly 2A), regulatory
<i>Ppp4c</i>	130	42	AA957050	protein phosphatase 4 (formerly X), catalytic
<i>Pik4cb</i>	148	81	NM_031083	phosphatidylinositol 4-kinase
<i>Pius</i>	865	159	NM_021660	inositol hexaphosphate kinase 2
<i>Camk2g</i>	274	38	NM_133605	calcium/calmodulin-dependent protein kinase)
<i>Csnk1d</i>	365	119	L07578	casein kinase 1, delta
<i>Csnk2b</i>	1022	452	BF281311	casein kinase II beta subunit
<i>Calm3</i>	331	169	AI411316	calmodulin 3
<i>Nvp3</i>	142	28	NM_017356	neural visinin-like Ca ²⁺ -binding protein type 3
<i>Stip1</i>	693	188	BI283691	stress-induced-phosphoprotein 1
<i>Arhgap8</i>	152	55	AW252517	Rho GTPase activating protein 8 (predicted)
<i>Ppp5c</i>	127	31	NM_031729	protein phosphatase 5, catalytic subunit
<i>Rab11b</i>	270	34	D01046	RAB11B, member RAS oncogene family
<i>Rgs2</i>	221	54	AF321837	regulator of G-protein signaling protein 2
	109	38	AA996576	Similar to RAB5B, member RAS oncogene
<i>Akt1</i>	230	65	NM_033230	v-akt murine thymoma viral oncogene homolog
<i>Jak2</i>	200	85	NM_031514	Janus kinase 2
<i>Gucy1a3</i>	132	52	M57405	guanylate cyclase 1, soluble, alpha 3

<i>Arha2</i>	260	69	NM_057132	plysia ras-related homolog A2
<i>Ppm1a</i>	166	55	NM_017038	protein phosphatase 1A, magnesium
<i>Anp32a</i>	232	67	NM_012903	acidic nuclear phosphoprotein 32 family,
<i>Arpp19</i>	180	80	AW918228	cyclic AMP phosphoprotein, 19 kDa
<i>Arrb2</i>	206	55	BF285345	arrestin, beta 2
<i>Axin2</i>	120	25	NM_024355	axin2
<i>Bambi</i>	972	356	AF387513	BMP and activin membrane-bound inhibitor,
<i>Avpi1</i>	139	40	AI010260	arginine vasopressin-induced 1
<i>Rhoc</i>	328	110	AA891940	ras homolog gene family, member C
<i>Fkbp8</i>	302	176	BI274519	FK506 binding protein 8 (predicted)
<i>Gkap1</i>	284	75	BE112067	G kinase anchoring protein 1 (predicted)
<i>Il6st</i>	156	56	BG663025	Interleukin 6 signal transducer
<i>Map3k1</i>	954	243	NM_053887	mitogen activated protein kinase kinase kinase
<i>Map3k3</i>	123	53	AA925300	mitogen activated protein kinase kinase kinase
<i>Mtus1</i>	304	154	BF284182	mitochondrial tumor suppressor 1
<i>Rab13</i>	186	63	AW253722	RAB13
<i>Rab3a</i>	212	87	BF389910	RAB3A, member RAS oncogene family
<i>Rab4b</i>	101	25	NM_017355	ras-related GTP-binding protein 4b
<i>Rabac1</i>	590	103	NM_031774	Rab acceptor 1 (prenylated)
<i>Pld1</i>	466	167	AB003171	phospholipase D1
<i>Psen2</i>	200	45	AB004454	presenilin-2
<i>Rgs19ip1</i>	110	29	NM_053341	regulator of G-protein signaling 19 interacting
<i>Ppp5c</i>	127	31	NM_031729	protein phosphatase 5, catalytic subunit
<i>Rab11b</i>	270	34	D01046	RAB11B, member RAS oncogene family
	288	84	S75280	70 kda heat shock protein precursor
<i>Ifitm3l</i>	3529	659	BI285494	interferon induced transmembrane protein 3-
<i>RGD:1303075</i>	1244	157	BI285700	heat shock 90kDa protein 1, beta
<i>RGD:1303136</i>	317	97	AI144819	zinc responsive protein ZD10B /// zinc

Translation

Common	Control	AMH	Genbank	Description
<i>Drb1</i>	183	302	BI289591	developmentally regulated RNA-binding
<i>Rpl14</i>	3602	832	AA874811	ribosomal protein L14
<i>Rpl24</i>	4144	639	BI297634	ribosomal protein L24
<i>Rpl36</i>	132	24	AI009003	ribosomal protein L36
<i>Rpl36a</i>	4997	476	AW142090	ribosomal protein L36a (predicted)
<i>Rplm2</i>	100	24	AA848353	Similar to mitochondrial ribosomal protein L37
<i>Rps10</i>	4461	1095	NM_031109	ribosomal protein S10
<i>Rps24</i>	8130	1761	BG375811	ribosomal protein S24
<i>Rps9</i>	5148	1226	AA799768	ribosomal protein S9
<i>Arf1</i>	899	175	NM_022518	ADP-ribosylation factor 1
<i>Prps1</i>	358	93	M29392	phosphoribosyl pyrophosphate synthetase 1
	728	202	BG372903	Similar to RNA-binding region (RNP1, RRM)
	632	188	AI102612	Similar to DAZ associated protein 2; deleted in
<i>Eif2b3</i>	1002	371	NM_133609	eukaryotic translation initiation factor 2B,
<i>Eif5a</i>	1295	547	BI283681	eukaryotic translation initiation factor 5A
<i>Rplp2</i>	4873	794	AW919054	Ribosomal protein, large P2
<i>Srpr</i>	686	132	BM391232	signal recognition particle receptor ('docking
<i>Drap1</i>	380	86	BI296428	Dr1 associated protein 1 (negative cofactor 2
<i>Eif2s3x</i>	202	61	BG662620	eukaryotic translation initiation factor 2, subunit
<i>Eif3s8</i>	107	29	AI502930	eukaryotic translation initiation factor 3, subunit
<i>Eif4g1</i>	380	137	AI170773	eukaryotic translation initiation factor 4 gamma,
<i>Rbm9</i>	361	95	BE111095	RNA binding motif protein 9 (predicted)
<i>Rnps1</i>	320	113	BG375343	ribonucleic acid binding protein S1 (predicted)
<i>Sf3b2</i>	123	53	BE098910	splicing factor 3b, subunit 2 (predicted)

<i>Tufm</i>	183	19	AI763950	Tu translation elongation factor, mitochondrial
<i>U2af114</i>	235	47	BM391897	U2 small nuclear RNA auxiliary factor 1-like 4
<i>Snurf</i>	316	62	NM_130738	small nuclear ribonucleoprotein-associated
<i>LOC292030</i>	440	46	AI176503	similar to snRNP core protein SMX5d
---	249	51	BF414649	Mitochondrial ribosomal protein L52 (predicted)

Transcription

Common	Control	AMH	Genbank	Description
<i>RGD1306721</i>	172	350	BI274548	similar to helicase-like protein NHL isoform
<i>Zfp191</i>	167	297	BF284504	zinc finger protein 191
<i>c-fos</i>	120	369	BF415939	c-fos oncogene
<i>Foxd4</i>	53	124	AA799832	forkhead box D4
<i>Irf3</i>	236	542	AA893384	interferon regulatory factor 3
<i>Irf6</i>	111	241	BF410603	interferon regulatory factor 6 (predicted)
<i>Tcf8</i>	471	1011	BG381660	transcription factor 8
<i>Nfyc</i>	552	934	BI296061	nuclear transcription factor-Y gamma
<i>Sox15</i>	404	443	AI009685	SRY-box containing gene 15 (predicted)
<i>Tle2</i>	42	110	AI175907	transducin-like enhancer of split 2, homolog of
---	140	45	AI178375	Zinc finger protein 212 (predicted)
<i>RGD:1303139</i>	200	21	AI059254	zinc finger protein 313
<i>H3f3b</i>	4013	934	AI177503	H3 histone, family 3B
<i>Tfpt</i>	117	40	AB029495	TCF3 (E2A) fusion partner (in childhood
	128	13	BE115519	Similar to sox-4 protein - mouse (LOC364712),
	891	224	AI137136	Similar to ASF1 anti-silencing function 1
<i>Nfkbia</i>	897	139	AW672589	nuclear factor of kappa light chain gene
<i>Cited2</i>	346	96	NM_053698	Cbp/p300-interacting transactivator, with
<i>Gata4</i>	471	244	L22761	GATA binding protein 4
<i>Tsnax</i>	173	50	AF262357	translin-associated factor X
<i>Rnf4</i>	284	112	AY050655	ring finger protein 4
<i>Znf292</i>	336	131	BF388585	Similar to zinc-finger protein (LOC313144),
<i>Asb15</i>	239	70	AI706673	ankyrin repeat and SOCS box-containing
<i>Ath55</i>	130	39	AF277899	adapter protein ATH-55
<i>Btg2</i>	122	25	BI288701	B-cell translocation gene 2, anti-proliferative
<i>Gtf2i</i>	187	73	AI715835	general transcription factor II I
<i>Hdac1</i>	289	47	AI180339	histone deacetylase 1
<i>Ighmbp2</i>	101	33	NM_031586	immunoglobulin mu binding protein 2
<i>Scand1</i>	270	47	BM386654	SCAN domain-containing 1 (predicted)
<i>Btf3</i>	3300	1089	BG666659	basic transcription factor 3 (predicted)
<i>Cbx1</i>	274	56	BF389675	chromobox homolog 1 (Drosophila HP1 beta)
<i>Dnajb1</i>	397	164	BM384926	DnaJ (Hsp40) homolog, subfamily B, member
<i>Foxo1a</i>	210	30	BI295511	forkhead box O1A
<i>Hnrpa2b1</i>	502	59	BG666358	heterogeneous nuclear ribonucleoprotein
<i>Hsp105</i>	305	80	BF525282	heat shock protein 105 (predicted)
<i>Madh5</i>	111	18	BE111416	SMAD, mothers against DPP homolog 5
<i>Mxd4</i>	191	35	BI274201	Max dimerization protein 4 (predicted)
<i>Tceal8</i>	552	210	AI230334	transcription elongation factor A (SII)-like 8
<i>TCEB2</i>	1631	659	NM_031129	transcription elongation factor B (SIII)
<i>Tcf4</i>	421	179	NM_053369	transcription factor 4
<i>Nfix</i>	218	81	BF420722	nuclear factor I/X
<i>Nono</i>	540	257	BF555394	non-POU domain containing, octamer-binding
<i>Nucb</i>	372	122	Z36277	nucleobindin
<i>Peg3</i>	225	87	BE104676	paternally expressed 3 (predicted)
<i>Phb</i>	997	278	BI282863	prohibitin
<i>Pold2</i>	405	177	AI102751	polymerase (DNA directed), delta 2, regulatory
<i>Polr2i</i>	625	148	BG373075	polymerase (RNA) II (DNA directed)

<i>Polr2j</i>	703	220	AW530341	polymerase (RNA) II (DNA directed)
<i>Recc1</i>	666	240	BM391856	replication factor C
<i>Rfc3</i>	503	161	AI103093	replication factor C (activator 1) 3 (predicted)
<i>Sin3a</i>	159	35	BE116983	transcriptional regulator, SIN3A (yeast)
<i>Sirt6</i>	191	102	AW525725	sirtuin 6 (silent mating type information)
<i>Smarca4</i>	205	88	BE111847	SWI/SNF related, matrix associated, actin
<i>Sqstm1</i>	682	253	BG663093	sequestosome 1
<i>Thrap6</i>	200	46	AI008698	thyroid hormone receptor associated protein 6
<i>Usf1</i>	193	62	NM_031777	upstream transcription factor 1
<i>LOC362085</i>	234	56	AI548388	similar to helix-loop-helix protein NOHLH
---	167	73	AI710341	Zinc finger protein 316 (predicted)

Misc/Unknown

Common	Control	AMH	Genbank	Description
	118	194	BG670294	Transcribed sequence with moderate
<i>Fbxw9</i>	78	171	AI407555	F-box and WD-40 domain protein 9
<i>Mta1</i>	143	49	AJ132046	metastasis associated 1
<i>Sp17</i>	221	49	NM_053482	sperm autoantigenic protein 17
<i>Mki67ip</i>	228	25	BG667615	spermatogenesis-related protein (Srp)
<i>Abi1</i>	417	111	NM_024397	eps8 binding protein (e3B1), alternatively
<i>Cdtw1</i>	499	94	NM_134395	P11 protein
<i>Cln3</i>	357	97	BI285912	Cln3p
<i>Fau</i>	5341	1530	AI177362	Finkel-Biskis-Reilly murine sarcoma
<i>Mox2</i>	223	87	AA924563	Antigen identified by monoclonal antibody
<i>Nipsnap1</i>	327	40	BI289807	4-nitrophenylphosphatase domain and non-
<i>P34</i>	114	33	NM_134398	p34 protein
<i>Prcc</i>	152	45	BG669807	papillary renal cell carcinoma (translocation-
<i>Ptcd2</i>	167	73	BM386015	pentatricopeptide repeat domain 2 (predicted)
<i>Scoc</i>	111	38	AI029749	short coiled-coil protein (predicted)
<i>Sdbcag84</i>	602	199	AI228649	serologically defined breast cancer antigen 84
<i>Torid</i>	1166	248	NM_134390	TORID
<i>Tssc4</i>	169	79	BI282086	tumor-suppressing subchromosomal
<i>Vof16</i>	247	67	BE107282	ischemia related factor vof-16

ESTs

Common	Control	AMH	Genbank	Description
<i>LOC286991</i>	48	71	AF057564	Rattus norvegicus putative retrovirus-
<i>LOC292486</i>	87	165	BI290029	similar to Aig1 protein
<i>LOC294948</i>	226	294	BI295562	similar to armadillo repeat-containing
<i>LOC295457</i>	263	483	AI229905	similar to RIKEN cDNA 1500009M05
<i>LOC297504</i>	56	149	AI556447	similar to mKIAA0212 protein
<i>LOC300284</i>	506	647	AI145871	similar to RIKEN cDNA 4833435D08 /// similar to
<i>LOC310877</i>	94	225	BM384466	TRAF2 binding protein
<i>LOC314997</i>	78	184	BE097018	similar to mKIAA0493 protein
<i>LOC317181</i>	110	410	AA818334	similar to Sushi-repeat containing protein
<i>LOC361110</i>	373	498	AA945898	hypothetical protein
<i>LOC363306 ///</i>	101	273	AI412781	hypothetical protein LOC363306 /// similar to RIKEN
<i>LOC363495</i>	130	342	AA944562	similar to AI448196 protein
<i>LOC498087</i>	13	88	BF415134	similar to stefin A2
<i>LOC498362</i>	95	219	AA818153	LOC498362
<i>LOC498703</i>	104	216	BI277805	similar to mKIAA1931 protein
<i>LOC499055</i>	84	201	AA964600	similar to chromosome 6 open reading
<i>LOC500671</i>	235	521	AI102249	similar to chromosome 14 open reading
<i>MGC94262</i>	265	569	BF283704	Similar to RIKEN cDNA 2010200I23

<i>MGC94555</i>	96	228	BF397529	intimal thickness-related receptor
<i>MGC94686</i>	971	1175	BF285068	similar to RIKEN cDNA 2810413N20
<i>RGD:1303214</i>	128	343	AI410096	similar to 2310044H10Rik protein
<i>RGD1305288</i>	244	576	AI010721	similar to chromosome 14 open reading
<i>RGD1307449</i>	222	303	AA850714	similar to RIKEN cDNA 4930429M06Rik
<i>RGD1307752</i>	1009	1924	AI409756	similar to RIKEN cDNA 1110008F13
<i>RGD1309615</i>	98	113	AI058976	similar to uroplakin IIIb (predicted)
<i>RGD1309779</i>	364	839	BF547020	similar to ENSANGP00000021391
<i>RGD1309957</i>	54	70	BM391844	similar to Hypothetical WD-repeat protein
<i>RGD1311166</i>	74	145	AA997097	similar to RIKEN cDNA 2810417J12 gene
---	165	369	BI277433	Transcribed locus, moderately similar to
---	201	448	BI303641	Similar to dJ862K6.2.2 (splicing factor,
---	69	213	BM389061	Transcribed locus
---	184	226	H31887	Similar to RIKEN cDNA 1700037H04
---	149	315	AI579645	Transcribed locus
---	162	336	AI009334	ADP-ribosylhydrolase like 2 (predicted)
---	53	110	AI228076	Transcribed locus
---	295	635	AI031032	Transcribed locus, weakly similar to
---	180	433	BM382988	Transcribed locus
---	73	162	AI233709	Transcribed locus
---	90	117	BF393881	---
---	3336	4409	AI710284	---
---	111	250	BF416285	Transcribed locus
---	46	95	BF419655	---
---	95	241	AI102061	CDNA clone IMAGE:7313785
---	31	47	BF409997	Transcribed locus
---	47	77	BI300335	---
---	81	221	AI598976	Transcribed locus
---	302	435	BF396950	---
---	52	106	AI501237	---
---	550	1120	BE110241	---
---	125	321	BI294763	---
---	69	97	BI284837	Transcribed locus
---	94	288	BE102740	Similar to A830059I20Rik protein
---	83	171	BI275261	---
---	46	131	BE116018	Transcribed locus, strongly similar to
---	108	249	AW523502	---
---	71	176	BM389322	Transcribed locus
---	37	129	AI072678	---
---	53	112	BE098785	Transcribed locus, moderately similar to
---	147	280	AW536039	---
---	27	178	AI576907	---
---	128	364	AI412335	Cytotoxic granule-associated RNA binding
---	92	236	BM385955	Transcribed locus
---	483	643	AI059054	---
---	85	96	AI071877	Transcribed locus
---	97	241	BE105150	---
---	129	162	BE102803	Eukaryotic translation initiation factor 5A2
---	38	111	AI070651	Transcribed locus
---	57	186	BI273721	Transcribed locus
---	85	173	AI043947	---
---	95	214	AI576469	Transcribed locus
---	101	163	AI715326	---
---	192	246	AI715121	Similar to RB-associated KRAB repressor
---	87	147	AI071210	---
<i>AW522302</i>	56	62	---	CDNA clone MGC:95146 IMAGE:7129361

---	63	132	AW522166	Transcribed locus
---	37	84	AI170755	Transcribed locus, strongly similar to
---	130	284	BI289475	---
---	70	168	BF283381	Transcribed locus
---	103	206	AA799676	---
---	29	114	BF399329	---
---	1265	1575	BI303277	---
---	114	261	BG371591	Transcribed locus
---	70	177	AI029637	Transcribed locus
---	94	189	BI292315	Transcribed locus
---	64	185	BE110640	Transcribed locus
---	36	63	AI146247	Transcribed locus
---	34	110	AA957929	---
---	83	254	BI277836	---
---	37	38	AW523958	Transcribed locus
---	53	120	AI228600	Transcribed locus, moderately similar to
---	99	174	AI179766	---
---	47	66	BF412220	---
---	46	110	H34760	Transcribed locus
---	100	176	BI282914	---
---	73	145	BG380184	---
---	46	122	AI548369	---
---	48	142	BE108093	Transcribed locus
---	201	430	BE098186	---
---	124	157	BI275309	Transcribed locus
---	31	49	AA893160	---
---	59	172	BE103179	Transcribed locus
---	52	57	AI071102	Transcribed locus
---	122	42	AW525690	Similar to RIKEN cDNA 4930584N22
LOC288913	503	107	X62277	similar to LEYDIG CELL TUMOR 10 KD
LOC288913	208	86	BI279696	similar to LEYDIG CELL TUMOR 10 KD
LOC288925	518	139	AI599071	similar to cDNA sequence BC056474
LOC289471	432	167	AA964538	similar to Hel308 protein
LOC290877	302	90	BM383043	similar to hypothetical protein MGC20579
LOC292588	544	133	BI279788	similar to Ubiquitin-conjugating enzyme E2S
LOC293863	490	122	BI274583	similar to Eso3 protein
LOC298684	594	164	AI599839	similar to Mrpl20 protein
LOC300027	104	58	BI278547	similar to high density lipoprotein-binding
LOC301123	632	182	AA818971	Similar to RE70703p-like protein
LOC301124	839	349	AA849634	similar to QIL1
LOC304809	409	154	BM383996	similar to PLU1
LOC305350	154	75	H33102	similar to Mitochondrial carrier triple repeat 1
LOC306254	335	115	AW532414	similar to polybromo-1
LOC307029	225	48	BG665671	similar to WAC
LOC314162	106	19	AA900261	similar to C330016H24Rik protein /// similar to
LOC360494	141	44	BG673166	similar to RIKEN cDNA 0610007P22
LOC360810	238	45	BE106064	similar to RIKEN cDNA A930018B01
LOC361128	162	59	BI284988	similar to TR4 orphan receptor associated
LOC362304	454	100	BI296681	similar to ORC5-related protein
LOC362626	135	6	BE096504	similar to hypothetical protein dJ465N24.2.1
LOC362934	2163	694	AI233210	similar to lymphocyte antigen 6 complex, locus
LOC363190	179	46	BM388658	similar to Ubr2 protein
LOC363289	791	234	BI293662	similar to RIKEN cDNA 1810059A23
LOC365361	177	70	AI410415	similar to RIKEN cDNA 4930404J24
LOC497920	479	105	AI105202	LOC497920
LOC498030	569	236	AI172459	similar to anaphase promoting complex

<i>LOC498824</i>	426	104	AI170561	similar to WAC
<i>LOC498964</i>	233	69	AA998459	similar to SPIRE2 protein
<i>LOC498989</i>	3913	1562	BG664827	similar to Ab2-143
<i>LOC499318</i>	1038	185	BM388445	<i>LOC499318</i>
<i>LOC499391</i>	306	66	BM384085	similar to gem (nuclear organelle) associated
<i>LOC499428</i>	188	58	AI716904	<i>LOC499428</i>
<i>LOC499567</i>	596	280	BI280802	<i>LOC499567</i>
<i>LOC499780</i>	118	20	BG669070	similar to Hypothetical UPF0184 protein
<i>LOC500555</i>	98	22	BM387829	similar to PS1D protein
<i>LOC500575</i>	243	66	AI408842	similar to DNA segment, Chr 4, ERATO Doi
<i>LOC500855</i>	527	192	BF289183	hypothetical protein <i>LOC500855</i>
<i>LOC500993</i>	106	27	BI290002	similar to hypothetical protein FLJ20010
<i>LOC501702</i>	1127	409	AW917547	similar to Prr6 protein
<i>MGC72638</i>	733	267	AI412117	Unknown (protein for <i>MGC:72638</i>)
<i>MGC72942</i>	1694	262	AA944393	Similar to CG6105-PA (<i>LOC300677</i>), mRNA
<i>MGC93766</i>	108	20	BF409560	similar to RIKEN cDNA 1810013B01
<i>MGC94600</i>	257	69	AI454858	scotin
<i>MGC94720</i>	144	14	AW533685	similar to hypothetical protein <i>MGC2574</i>
<i>MGC94752</i>	576	182	BF397012	similar to RIKEN cDNA 2600001P13
<i>RGD:1302952</i>	1143	200	BG669198	COP9 signalosome subunit 4
<i>RGD:1302994</i>	202	26	BI296168	proliferation-associated 2G4, 38kDa
<i>RGD:1303002</i>	256	49	BF282468	COP9 constitutive photomorphogenic homolog
<i>RGD:1303117</i>	129	52	BF405050	hypothetical <i>LOC292764</i>
<i>RGD1304576</i>	265	142	BG380336	similar to Hypothetical protein <i>MGC25614</i>
<i>RGD1304593</i>	88	46	BE111839	similar to expressed sequence C77668
<i>RGD1304977</i>	162	52	BE111736	similar to mKIAA0023 protein (predicted)
<i>RGD1305133</i>	652	165	BE116128	similar to Ab2-008 (predicted)
<i>RGD1305492</i>	438	89	BG670404	similar to RIKEN cDNA 1700034P14 (predicted)
<i>RGD1305695</i>	210	64	BF417956	similar to RIKEN cDNA 2700023B17 (predicted)
<i>RGD1305713</i>	144	48	BI288945	similar to RIKEN cDNA 3110040N11 (predicted)
<i>RGD1305781</i>	116	35	BI278874	similar to mKIAA0431 protein (predicted)
<i>RGD1306067</i>	168	54	BF522436	similar to chromosome 20 open reading frame 6
<i>RGD1306103</i>	174	68	BE102146	similar to RIKEN cDNA 2610017G09 (predicted)
<i>RGD1306288</i>	122	23	BF284879	similar to hypothetical protein FLJ14360
<i>RGD1306377</i>	195	44	BI288146	similar to prostate cancer antigen-1 (predicted)
<i>RGD1306495</i>	163	42	AW144176	similar to EST AA792894 (predicted)
<i>RGD1306583</i>	254	51	AA819224	similar to RIKEN cDNA 2410002O22 gene
<i>RGD1307423</i>	568	143	H31931	similar to RIKEN cDNA 1810014L12 (predicted)
<i>RGD1307479</i>	116	41	BG372657	similar to KIAA1521 protein (predicted)
<i>RGD1307791</i>	209	21	BF407856	similar to hypothetical protein FLJ10342
<i>RGD1308082</i>	309	115	BI279855	similar to px19-like protein (predicted)
<i>RGD1308134</i>	335	119	BM390489	similar to RIKEN cDNA 1110020A23 (predicted)
<i>RGD1308331</i>	144	69	BI294789	similar to Trithorax homolog 2 (Mixed lineage)
<i>RGD1308383</i>	429	165	AI232948	similar to 2900070E19Rik protein (predicted)
<i>RGD1308635</i>	185	30	BG379301	similar to CG12379-PA (predicted)
<i>RGD1308696</i>	158	50	BF400209	similar to hypothetical protein D11Ert497e
<i>RGD1308750</i>	146	51	BM387790	similar to DNA segment, Chr 19, Brigham &
<i>RGD1308772</i>	130	35	BF552813	similar to KIAA0564 protein (predicted)
<i>RGD1308795</i>	289	93	AW143311	similar to hypothetical protein FLJ12994
<i>RGD1309025</i>	248	47	AI102954	similar to hypothetical protein FLJ20003
<i>RGD1309054</i>	256	80	AI231159	similar to FKSG26 protein (predicted)
<i>RGD1309199</i>	390	53	AI101392	similar to CBF1 interacting corepressor
<i>RGD1309319</i>	211	41	BF416979	similar to SPRY domain-containing SOCS box
<i>RGD1309550</i>	167	74	BI295047	similar to hypothetical protein D12Ert771e
<i>RGD1309691</i>	655	111	AA894259	similar to RIKEN cDNA 2010110M21 (predicted)
<i>RGD1309735</i>	346	78	BI278208	similar to CG14977-PA (predicted)

<i>RGD1309986</i>	104	27	AI236185	similar to CG9135-PA (predicted)
<i>RGD1309986</i>	107	27	AA848942	similar to CG9135-PA (predicted)
<i>RGD1310643</i>	119	31	BF560281	similar to HEF-like protein (predicted)
<i>RGD1310660</i>	243	60	AI406304	similar to RIKEN cDNA 2700038C09
<i>RGD1310810</i>	268	90	BG377386	similar to RIKEN cDNA 4930444A02 (predicted)
<i>RGD1310861</i>	318	100	BM386571	similar to RIKEN cDNA 1500011H22
<i>RGD1310922</i>	130	26	H34199	similar to chromosome 16 open reading frame
<i>RGD1311016</i>	131	39	C06752	similar to RIKEN cDNA 9130427A09 (predicted)
<i>RGD1311409</i>	244	101	BF399333	similar to B430201G11Rik protein (predicted)
<i>RGD1311463</i>	145	37	AW526652	similar to RIKEN cDNA 2700007P21 (predicted)
<i>RGD1311622</i>	164	76	BI287209	similar to RIKEN cDNA 1110063F24 (predicted)
<i>RGD1311813</i>	275	42	AW528213	similar to RIKEN cDNA 2610020H15
---	241	113	BE110614	Transcribed locus
---	977	331	AA799526	---
---	930	192	BG374451	---
---	303	127	BE117558	Transcribed locus
---	110	38	AI227832	---
---	270	75	AI235284	Transcribed locus, weakly similar to
---	298	84	BF554893	---
---	255	84	AA800232	Transcribed locus, strongly similar to
---	625	237	BM389079	Transcribed locus
---	584	103	AA800242	---
---	258	78	BI283851	---
---	295	106	BG376761	---
---	121	53	AI102576	Transcribed locus
---	197	66	AI237047	CDNA clone IMAGE:7365681
---	317	47	AI045904	---
---	165	30	AA850698	Similar to RIKEN cDNA 4921526F01 gene
---	290	73	BG376309	Similar to 5330440M15Rik protein
---	361	96	AW531530	Transcribed locus
---	304	141	AI230320	Transcribed locus
---	1787	710	AI228978	LRRGT00193
---	459	155	AI406842	---
---	584	169	AW919569	---
---	1932	571	AI103917	---
---	183	43	BF408438	Transcribed locus
---	175	53	AI385171	Transcribed locus, strongly similar to
---	988	265	BM384701	---
---	150	45	BF409812	Transcribed locus
---	117	39	AI070593	Origin recognition complex, subunit 6-like (<i>S. cerevisiae</i>)
---	96	39	BE113300	Transcribed locus
---	209	72	BM386385	Transcribed locus
---	212	50	BI295869	Transcribed locus
---	305	87	BE104535	Transcribed locus
---	117	43	BF417096	---
---	262	100	BE115859	Transcribed locus
---	104	11	BE111879	---
---	906	175	BF396269	---
---	111	37	AI716098	Transcribed locus
---	116	29	BF396301	---
---	859	283	AW252020	Similar to hypothetical protein FLJ34512
---	250	90	AW916148	Transcribed locus
---	133	53	BE115821	---
---	132	52	AI178542	Transcribed locus
---	233	72	BE108751	Transcribed locus, moderately similar to
---	161	59	AW531791	Transcribed locus

---	256	57	BI294859	Similar to CHCHD4 protein
---	133	10	BE110067	Transcribed locus
---	237	93	AI136740	Similar to mKIAA0978 protein
---	578	169	AW523199	---
---	117	46	BG664988	Similar to LanC-like protein 2
---	120	59	BI289371	---
---	157	64	BI294693	---
---	323	111	BG377563	---
---	205	91	AI045069	---
---	129	34	BF549788	COP9 (constitutive photomorphogenic)
---	566	125	BI303856	---
---	408	152	BI282024	---
---	211	94	AW434329	---
---	141	48	BM390235	---
---	309	108	BI288731	---
---	167	90	BI283388	P55 mRNA for p55 protein
---	841	159	AI008409	LOC499304
---	117	54	BM390922	Transcribed locus
---	546	113	AW525862	---
---	298	134	BM389412	---
---	354	55	BF420467	---
---	373	141	AW534352	Transcribed locus
---	118	18	AI112211	Transcribed locus
---	488	142	AA956982	Transcribed locus
---	433	128	BE118116	Transcribed locus, moderately similar to
---	120	33	BI276113	---
---	156	75	BG670858	Transcribed locus
---	67	54	AI176506	Necdin-like 2 (predicted)
---	142	71	AW524670	Similar to 4921517L17Rik protein (predicted)
---	285	53	AW921279	---
---	38	35	BF404567	---
---	115	10	BE111618	---
---	130	56	BF412429	Transcribed locus
---	302	67	BF564825	Transcribed locus
---	117	41	H34328	---
---	111	96	BE101139	---
---	109	27	BI285806	Transcribed locus
---	208	74	BF398673	Transcribed locus
---	102	27	AW534457	---