

Gene Symbol	Gene Name	Start	Stop	Non-Synonymous Polymorphism
<i>Sdcbp2</i>	Syndecan binding protein (syntenin) 2	141,891,232	141,919,905	I82V
<i>SnpH</i>	Syntaphilin	141,921,547	141,961,697	A411T, 415_420*
<i>Rad21ll1</i>	RAD21-like 1 (S. pombe)	141,984,729	142,009,665	
<i>LOC100363280</i>	mCG140681-like	142,022,959	142,030,458	
<i>RGD1564048</i>	Similar to Protein C20orf46	142,043961	142,047,717	
<i>LOC689852</i>	Similar to Proteasome inhibitor PI31 subunit	142,058,695	142,083,908	
<i>LOC100363380</i>	Hypothetical LOC100363380	142,139,020	142,143,826	
<i>Rspo4</i>	R-spondin family, member 4	142,185,028	142,216,015	
<i>Angpt4</i>	Angiopoietin 4	142,249,115	142,282,307	
<i>Fam110a</i>	Family with sequence similarity 110, member A	142,326,013	142,328,572	
<i>LOC689884</i>	Hypothetical protein LOC689884	142,335,923	142,336,396	
<i>LOC100363434</i>	Ribosomal protein S29-like	142,339,596	142,341,169	
<i>RGD1304644</i>	Similar to RIKEN cDNA 2310046K01	142,360,661	142,365,285	
<i>Scrt2</i>	Scratch homolog 2, zinc finger protein (Drosophila)	142,434,272	142,445,984	
<i>Srxn1</i>	Sulfiredoxin 1 homolog (S. cerevisiae)	142,457,352	142,462,725	
<i>Tcf15</i>	Transcription factor 15	142,491,664	142,497,446	
<i>Csnk2a1</i>	Casein kinase 2, alpha 1 polypeptide	142,564,754	142,609,311	
<i>Tbc1d20</i>	TBC1 domain family, member 20	142,623,713	142,640,197	
<i>Rbck1</i>	RanBP-type and C3HC4-type zinc finger containing 1	142,644,156	142,660,799	
<i>Trib3</i>	Tribbles homolog 3 (Drosophila)	142,664,641	142,670,135	
<i>Nrsn2</i>	Neurensin 2	142,692,988	142,702,131	
<i>Sox12</i>	SRY (sex determining region Y)-box 12	142,714,836	142,715,855	
<i>Zcchc3</i>	Zinc finger, CCHC domain containing 3	142,727,648	142,730,465	
<i>LOC502684</i>	Hypothetical protein LOC502684	142,745,094	142,764,314	
<i>Defb23</i>	Defensin beta 23	142,780,126	142,784,338	
<i>Defb20</i>	Defensin beta 20	142,804,804	142,807,427	
<i>Defb22</i>	Defensin beta 22	142,813,671	142,817,950	
<i>Defb26</i>	Defensin beta 26	142,834,066	142,837,469	
<i>Defb28</i>	Defensin beta 28	142,838,348	142,853,944	
<i>LOC690064</i>	Similar to 40S ribosomal protein S10	142,853,462	142,853,996	
<i>Defb29</i>	Defensin beta 29	142,860,674	142,865,955	
<i>Defb19</i>	Defensin beta 19	142,903,282	142,905,194	
<i>Defb21</i>	Defensin beta 21	142,910,151	142,911,465	
<i>Defb24</i>	Defensin beta 24	142,913,877	142,920,010	
<i>Defb27</i>	Defensin beta 27	142,932,437	142,937,373	
<i>Defb36</i>	Defensin beta 36	142,964,483	142,959,997	
<i>Defb25</i>	Defensin beta 25	142,972,019	142,972,859	
<i>Rem1</i>	RAS-like GTP binding 1	142,976,928	142,985,368	
<i>H13</i>	Histocompatibility 13	143,020,612	143,056,203	
<i>Mcts2</i>	Malignant T cell amplified sequence 2	143,038,079	143,039,285	
<i>Id1</i>	Inhibitor of DNA binding 1	143,086,162	143,087,289	
<i>LOC499921</i>	Similar to high mobility group protein 1	143,095,429	143,096,094	
<i>Cox4i2</i>	Cytochrome c oxidase subunit IV isoform 2	143,103,348	143,114,236	
<i>Bcl2ll1</i>	Bcl2-like1	143,129,087	143,180,199	
<i>LOC100363271</i>	Ribosomal protein S2-like	143,149,520	143,150,401	
<i>Tpx2</i>	TPX2, microtubule-associated, homolog	143,194,067	143,236,185	

	( <i>Xenopus laevis</i> )			
<i>Mylk2</i>	Myosin light chain kinase 2	143,252,183	143,263,849	
<i>Foxs1</i>	Forkhead box S1	143,272,507	143,273,776	
<i>Dusp15</i>	Dual specificity phosphatase 15	143,285,894	143,294,571	
<i>Tll9</i>	Tubulin tyrosine ligase-like family, member 9	143,304,937	143,351,359	
<i>Pdrg1</i>	p53 and DNA damage regulated 1	143,353,054	143,359,223	
<i>Xkr7</i>	XK, Kell blood group complex subunit-related family, member 7	143,376,730	143,400,522	
<i>RGD1305202</i>	Similar to Protein C20orf160	143,409,027	143,423,744	
<i>Hck</i>	Hemopoietic cell kinase	143,447,697	143,490,281	
<i>Tm9sf4</i>	Transmembrane 9 superfamily protein member 4	143,502,896	143,557,285	
<i>Tspyl3</i>	TSPY-like 3	143,574,208	143,576,284	
<i>Plagl2</i>	Pleiomorphic adenoma gene-like 2	143,578,877	143,592,055	
<i>Pofut1</i>	Protein O-fucosyltransferase 1	143,592,269	143,614,466	
<i>LOC690246</i>	Similar to 60S ribosomal protein L27a	143,631,638	143,632,082	
<i>LOC366233</i>	Similar to 60S ribosomal protein L21	143,636,966	143,637,446	
<i>Kif3b</i>	Kinesin family member 3B	143,642,175	143,681,902	
<i>LOC690274</i>	Hypothetical protein LOC690274	143,695,573	143,700,082	
<i>RGD1561878</i>	Similar to mKIAA0978 protein	143,703,295	143,767,523	
<i>RGD1563510</i>	Similar to RIKEN cDNA 8430427H17 gene	143,774,195	143,904,844	
<i>Commd7</i>	COMM domain containing 7	143,997,788	144,012,407	
<i>Dnmt3b</i>	DNA (cytosine-5-)-methyltransferase 3 beta	144,030,737	144,069,265	
<i>LOC690309</i>	Similar to DNA methyltransferase 3B	144,080,177	144,112,035	
<i>LOC689804</i>	Similar to Alpha-enolase (2-phospho-D-glycerate hydro-lyase) (Non-neural enolase) (Enolase 1)	144,109,924	144,111,554	
<i>Mapre1</i>	Microtubule-associated protein, RP/EB family member 1	144,120,532	144,148,856	
<i>RGD1560257</i>	Similar to hypothetical protein A630008I04	144,161,795	144,225,579	
<i>Efcab8</i>	EF-hand calcium binding domain 8	144,163,986	144,169,818	
<i>Spag4l</i>	Sperm associated antigen 4-like	144,236,963	144,257,526	S10L
<i>Bpil1</i>	Bactericidal/permeability-increasing protein-like 1	144,260,247	144,279,234	
<i>Bpil3</i>	Bactericidal/permeability-increasing protein-like 3	144,293,297	144,297,498	
<i>Rya3</i>	Antimicrobial peptide RYA3	144,303,258	144,317,875	
<i>RY2G5</i>	Potential ligand-binding protein	144,325,761	144,350,230	
<i>LOC100359775</i>	Splunc6-like	144,367,912	144,380,189	
<i>Psp</i>	Parotid secretory protein	144,395,541	144,403,499	
<i>Smbg</i>	Neonatal submandibular gland protein B	144,423,417	144,435,625	
<i>LOC690402</i>	Similar to Short palate, lung and nasal epithelium carcinoma-associated protein 3 homolog precursor	144,511,823	144,521,745	
<i>Plunc</i>	Palate, lung, and nasal epithelium associated	144,529,855	144,535,598	
<i>LOC690426</i>	Similar to NIMA (never in mitosis gene a)-related kinase 2	144,536,781	144,546,511	
<i>RGD1559748</i>	Similar to Palate lung and nasal carcinoma-like protein precursor	144,548,148	144,554,452	
<i>RGD1563047</i>	Similar to von Ebner minor salivary gland protein	144,601,201	144,635,308	M352T
<i>LOC690479</i>	Hypothetical protein LOC690479	144,638,920	144,652,523	E196D, N205S,

<i>LOC690486</i>	Similar to 60S ribosomal protein L7	144,659,980	144,660,754	P308L, I319M
<i>LOC690497</i>	Similar to MORF-related gene X	144,712,002	144,712,695	D196E, S205N, L308P, M319I
<i>LOC690507</i>	Similar to Vomeromodulin	144,723,203	144,733,928	
<i>LOC690521</i>	Similar to HMG-1 (High mobility group protein B1)	144,762,561	144,763,202	
<i>Cdk5rap1</i>	CDK5 regulatory subunit associated protein 1	144,803,213	144,840,056	
<i>Snta1</i>	Syntrophin, acidic 1	144,843,678	144,874,238	
<i>Cbfa2t2</i>	Core-binding factor, runt domain, alpha subunit 2; translocated to, 2	144,904,533	145,007,851	
<i>LOC690027</i>	Similar to spermine synthase	144,911,210	144,912,792	
<i>LOC683008</i>	Similar to spermine synthase	144,911,661	144,912,847	
<i>LOC100360105</i>	Zinc finger, FYVE domain containing 21	144,981,179	144,999,578	
<i>Necab3</i>	N-terminal EF-hand calcium binding protein 3	145,017,420	145,031,905	162_163**
<i>RGD1561517</i>	Similar to chromosome 20 open reading frame 144	145,022,077	145,023,268	
<i>E2f1</i>	E2F transcription factor 1	145,032,489	145,043,729	
<i>Pxmp4</i>	Peroxisomal membrane protein 4	145,061,123	145,078,370	
<i>LOC296300</i>	Similar to zinc finger protein 341	145,086,839	145,105,846	
<i>LOC100360150</i>	Eukaryotic translation elongation factor 1 alpha 2	145,106,442	145,114,354	
<i>Zfp341</i>	Zinc finger protein 341	145,108,413	145,124,023	
<i>LOC100359642</i>	rCG37275-like	145,138,905	145,176,471	
<i>Chmp4b</i>	Chromatin modifying protein 4B	145,178,263	145,179,851	
<i>LOC690589</i>	Similar to 60S ribosomal protein L7a	145,187,694	145,204,782	
<i>LOC690597</i>	Similar to 60S ribosomal protein L38	145,254,907	145,255,116	
<i>Raly</i>	RNA binding protein, autoantigenic	145,275,832	145,337,808	
<i>LOC100360250</i>	Hypothetical LOC100360250	145,327,005	145,327,215	
<i>Eif2s2</i>	Eukaryotic translation initiation factor 2, subunit 2 beta	145,346,392	145,367,117	
<i>Asip</i>	Agouti signaling protein	145,445,175	145,536,831	36_44*
<i>LOC100360304</i>	Hypothetical LOC100360304	145,467,378	145,467,743	
<i>Ahey</i>	Adenosylhomocysteinase	145,544,834	145,560,058	
<i>LOC366235</i>	Similar to 60S ribosomal protein L12	145,587,354	145,587,927	
<i>LOC690622</i>	Hypothetical protein LOC690622	145,621,455	145,622,913	
<i>Itch</i>	Itchy E3 ubiquitin protein ligase homolog (mouse)	145,644,315	145,707,190	
<i>Dynlrb1</i>	Dynein light chain roadblock-type 1	145,718,890	145,740,187	
<i>Map1lc3a</i>	Microtubule-associated protein 1 light chain 3 alpha	145,758,939	145,760,532	
<i>Pigu</i>	Phosphatidylinositol glycan anchor biosynthesis, class U	145,760,693	145,841,916	
<i>Tp53inp2</i>	Tumor protein p53 inducible nuclear protein 2	145,878,005	145,886,088	
<i>Ncoa6</i>	Nuclear receptor coactivator 6	145,886,874	145,957,928	258_263*
<i>Ggt7</i>	Gamma-glutamyltransferase 7	145,987,531	146,010,922	
<i>Acss2</i>	Acyl-CoA synthetase short-chain family member 2	146,013,995	146,057,119	
<i>Gss</i>	Glutathione synthetase	146,057,517	146,087,820	K16E
<i>Myh7b</i>	Myosin, heavy chain 7B, cardiac muscle, beta	146,115,687	146,139,441	
<i>Trpc4ap</i>	Transient receptor potential cation channel, subfamily C, member 4 associated protein	146,139,493	146,206,625	Y166C

<i>LOC690264</i>	Similar to Glyceraldehyde-3-phosphate dehydrogenase	146,189,074	146,190,106	
<i>Edem2</i>	ER degradation enhancer, mannosidase alpha-like 2	146,215,243	146,241,062	
<i>Procr</i>	Protein C receptor, endothelial	146,268,567	146,273,718	
<i>LOC100360401</i>	Hypothetical LOC100360401	146,284,682	146,285,087	
<i>Cep250</i>	Centrosomal protein 250kDa	146,378,670	146,407,642	M387V
<i>LOC100359643</i>	mCG58586-like	146,411,621	146,412,464	
<i>Ergic3</i>	ERGIC and golgi 3	146,416,599	146,426,325	
<i>Fer1l4</i>	Fer-1-like 4 (C. elegans)	146,427,611	146,463,147	H467R, A623S
<i>Spag4</i>	Sperm associated antigen 4	146,472,609	146,476,953	
<i>Rbm12</i>	RNA binding motif protein 12	146,504,101	146,521,424	771_777**
<i>LOC362250</i>	Similar to Glyceraldehyde-3-phosphate dehydrogenase	146,527,591	146,528,570	
<i>Nfs1</i>	NFS1 nitrogen fixation 1 homolog (S. cerevisiae)	146,528,820	146,551,156	
<i>Romo1</i>	Reactive oxygen species modulator 1	146,551,220	146,552,820	
<i>LOC100360432</i>	RNA-binding region containing protein 2-like	146,554,528	146,554,855	
<i>Rbm39</i>	RNA binding motif protein 39	146,555,202	146,587,650	
<i>Phf20</i>	PHD finger protein 20	146,601,763	146,707,185	
<i>Scand1</i>	SCAN domain-containing 1	146,710,153	146,711,017	
<i>LOC100360625</i>	rCG37452-like	146,710,451	146,711,796	
<i>RGD1311678</i>	Similar to 4921517L17Rik protein	146,726,507	146,793,519	
<i>LOC679618</i>	Similar to Ferritin light chain 1 (Ferritin L subunit 1)	146,806,878	146,821,365	
<i>LOC679637</i>	Hypothetical protein LOC679637	146,851,544	146,854,442	
<i>Epb4.111</i>	Erythrocyte protein band 4.1-like 1	146,876,451	146,944,603	D1091G, 852_854*
<i>RGD1311066</i>	Similar to RIKEN cDNA 0610011L14 gene	146,962,602	146,983,950	K184E
<i>Dlgap4</i>	Discs, large homolog-associated protein 4 (Drosophila)	147,081,222	147,176,024	
<i>Myl9</i>	Myosin, light chain 9, regulatory	147,190,252	147,193,865	
<i>RGD1564927</i>	Similar to TGF $\beta$ -induced factor 2	147,239,123	147,254,254	
<i>RGD1560115</i>	Similar to TGF $\beta$ -induced factor 2	147,254,612	147,257,397	
<i>RGD1307752</i>	Similar to RIKEN cDNA 1110008F13	147,266,788	147,276,798	
<i>Sla2</i>	Src-like-adaptor 2	147,277,668	147,290,729	
<i>LOC679863</i>	Similar to N-myc downstream regulated gene 3	147,298,239	147,320,575	
<i>LOC679885</i>	Similar to N-myc downstream regulated gene 3	147,402,020	147,422,644	
<i>Ndr3</i>	N-myc downstream regulated gene 3	147,454,138	147,571,926	
<i>LOC679915</i>	Similar to 40S ribosomal protein S2	147,573,852	147,575,831	
<i>Dsn1</i>	DSN1, MIND kinetochore complex component, homolog	147,575,110	147,586,968	
<i>LOC311578</i>	Hypothetical protein LOC311578	147,596,447	147,667,671	R1151Q, T1252P, T1261A
<i>RGD1561343</i>	Similar to C20orf118	147,675,172	147,687,339	
<i>Samhd1</i>	SAM domain and HD domain, 1	147,689,421	147,727,429	96_97**
<i>Rbl1</i>	Retinoblastoma-like 1 (p107)	147,734,622	147,796,630	G1018R
<i>LOC100360777</i>	Hypothetical protein LOC100360777	147,804,746	147,976,705	
<i>LOC100360178</i>	mCG6121-like	147,835,752	147,976,273	
<i>Rpn2</i>	Ribophorin II	147,976,544	148,023,743	
<i>Ghrh</i>	Growth hormone releasing hormone	148,027,235	148,046,352	
<i>Manbal</i>	Mannosidase, beta A, lysosomal-like	148,066,721	148,096,306	
<i>Src</i>	v-src sarcoma viral oncogene homolog	148,157,256	148,170,524	

<i>Blcap</i>	Bladder cancer associated protein homolog (human)	148,265,615	148,275,959	
<i>Nnat</i>	Neuronatin	148,269,404	148,271,781	
<i>Ctnnb1</i>	Catenin, beta like 1	148,440,757	148,602,378	
<i>LOC680040</i>	Similar to brain protein 44-like	148,462,608	148,463,497	
<i>RGD1305725</i>	Similar to chromosome 20 open reading frame 102	148,624,668	148,651,409	
<i>RGD1561297</i>	Similar to Rpl7a protein	148,651,424	148,665,266	
<i>RGD1562582</i>	Similar to KIAA0406-like protein	148,692,148	148,720,469	
<i>Rprd1b</i>	Regulation of nuclear pre-mRNA domain containing 1B	148,736,594	148,783,743	
<i>Tgm2</i>	Transglutaminase 2, C polypeptide	148,832,866	148,862,385	Q29E
<i>RGD1563354</i>	Similar to hypothetical protein D630003M21	148,911,549	148,936,434	E588D, G743R
<i>Bpi</i>	Bactericidal/permeability-increasing protein	148,970,965	148,998,795	
<i>Lbp</i>	Lipopolysaccharide binding protein	149,016,605	149,043,530	