

311412	Anapc1	anaphase promoting complex subunit 1	GO:0005680	anaphase-promoting complex
360643	Cdc27	cell division cycle 27 homolog (S. cerevisiae)	GO:0005680	anaphase-promoting complex
498030	Anapc11,RGD1561880	anaphase promoting complex subunit 11	GO:0005680	anaphase-promoting complex
114634	Six1	SIX homeobox 1	GO:0048856	anatomical structure development
299138	Six4	SIX homeobox 4	GO:0048856	anatomical structure development
304729	Gli2	GLI family zinc finger 2	GO:0048856	anatomical structure development
305858	Otx2	orthodenticle homeobox 2	GO:0048856	anatomical structure development
83469	Lrp4,Megf7	low density lipoprotein receptor-related protein 4	GO:0048856	anatomical structure development
25099	Foxa2,Hnf3b	forkhead box A2	GO:0048646	anatomical structure formation involved in morphogenesis
25431	Dlx51,RDLX	distal-less homeobox 5	GO:0048646	anatomical structure formation involved in morphogenesis
25495	Nog	noggin	GO:0048646	anatomical structure formation involved in morphogenesis
294503	Nodal	nodal homolog (mouse)	GO:0048646	anatomical structure formation involved in morphogenesis
304729	Gli2	GLI family zinc finger 2	GO:0048646	anatomical structure formation involved in morphogenesis
85272	BMP-7,Bmp7	bone morphogenetic protein 7	GO:0048646	anatomical structure formation involved in morphogenesis
25099	Foxa2,Hnf3b	forkhead box A2	GO:0009653	anatomical structure morphogenesis
25231	Hnf6,Onecut1	one cut homeobox 1	GO:0009653	anatomical structure morphogenesis
25267	APDGF,PDGF,PDGFR,PDGFR,PDGfra	platelet derived growth factor receptor, alpha polypeptide	GO:0009653	anatomical structure morphogenesis
29424	Hd2,Hdh,htt	huntingtin	GO:0009653	anatomical structure morphogenesis
24779	MGC93554,Slc4a1	solute carrier family 4 (anion exchanger), member 1	GO:0030506	ankyrin binding
497815	Nrcam	neuronal cell adhesion molecule	GO:0030506	ankyrin binding
65207	Rh50,Rhag	Rh-associated glycoprotein	GO:0030506	ankyrin binding
294503	Nodal	nodal homolog (mouse)	GO:0009948	anterior/posterior axis specification
316400	Pgap1	post-GPI attachment to proteins 1	GO:0009948	anterior/posterior axis specification
362065	Gpr177,Wls	G protein-coupled receptor 177	GO:0009948	anterior/posterior axis specification
498299	Lefty1,RGD1561867	left right determination factor 1	GO:0009948	anterior/posterior axis specification
282581	Fzd6	frizzled homolog 6 (Drosophila)	GO:0016327	apicolateral plasma membrane
292994	Tjp1,ZO-1	tight junction protein 1	GO:0016327	apicolateral plasma membrane
312563	Prickle2	prickle homolog 2 (Drosophila)	GO:0016327	apicolateral plasma membrane
65180	Kcnd2,Kv4.2,RK5,Shal1	potassium voltage-gated channel, Shal-related subfamily, member 2	GO:0005250	A-type (transient outward) potassium channel activity
65195	Kcnd3,Kv4.3	potassium voltage-gated channel, Shal-related subfamily, member 3	GO:0005250	A-type (transient outward) potassium channel activity
25459	Ac2-008,Hmg1,Hmgb11,MG	high mobility group box 1	GO:0006288	base-excision repair; DNA ligation
29395	Hmg2,Hmgb2,MGC108899,N	high mobility group box 2	GO:0006288	base-excision repair; DNA ligation
24316	D1a,Drd-1,Drd11,Drd1a	dopamine receptor D1A	GO:0007610	behavior
24398	Gls,Glut,RATGLUT	glutaminase	GO:0007610	behavior
25248	Cnr11,SKR6R	cannabinoid receptor 1 (brain)	GO:0007610	behavior
289584	RGD1564808,Usp46	ubiquitin specific peptidase 46	GO:0007610	behavior
29415	Edg5,GPCR18,Gpcr13,H218,S	sphingosine-1-phosphate receptor 2	GO:0007610	behavior
29424	Hd2,Hdh,htt	huntingtin	GO:0007610	behavior
57302	CB2,Cnr2	cannabinoid receptor 2 (macrophage)	GO:0007610	behavior
84587	Plcl1	phospholipase C-like 1	GO:0007610	behavior
25376	Ambn	ameloblastin	GO:0031214	biomineral tissue development
288718	Tfip11	tuftelin interacting protein 11	GO:0031214	biomineral tissue development
56782	Pgs,SG,SGn	serglycin	GO:0031214	biomineral tissue development
114122	Cspg2,Vcan	versican	GO:0005509	calcium ion binding
116742	Cnr5,Pcdha13	protocadherin alpha 13	GO:0005509	calcium ion binding
117048	Cdh17	cadherin 17	GO:0005509	calcium ion binding
117087	Stim2	stromal interaction molecule 2	GO:0005509	calcium ion binding
170808	CL-2',Capn8,Clis4,nCL-2	calpain 8	GO:0005509	calcium ion binding
191571	Fat3	FAT tumor suppressor homolog 3 (Drosophila)	GO:0005509	calcium ion binding
192204	Ehd4,MGC91469,Past2	EH-domain containing 4	GO:0005509	calcium ion binding
192248	Cdh13,Cdht,MGC93172,T-ca	cadherin 13	GO:0005509	calcium ion binding
24215	Atp2b2,PMCA2	ATPase, Ca++ transporting, plasma membrane 2	GO:0005509	calcium ion binding
24918	Stat5,Stat5a	signal transducer and activator of transcription 5A	GO:0005509	calcium ion binding
25673	Anx5,Anxa5,LCS,MGC93655	annexin A5	GO:0005509	calcium ion binding

25696	Vldlr	very low density lipoprotein receptor	GO:0005509	calcium ion binding
25742	MGC93559,S100P,S100b	S100 calcium binding protein B	GO:0005509	calcium ion binding
266807	Duox1	dual oxidase 1	GO:0005509	calcium ion binding
287156	Miro2,Rhot2	ras homolog gene family, member T2	GO:0005509	calcium ion binding
289280	Efcab2,RGD1308593	EF-hand calcium binding domain 2	GO:0005509	calcium ion binding
289733	Pla2g3	phospholipase A2, group III	GO:0005509	calcium ion binding
290527	Anxa11	annexin A11	GO:0005509	calcium ion binding
29154	Capn2	calpain 2	GO:0005509	calcium ion binding
29163	Cdh9	cadherin 9	GO:0005509	calcium ion binding
29182	Cdh22	cadherin 22	GO:0005509	calcium ion binding
29216	Lrp2	low density lipoprotein-related protein 2	GO:0005509	calcium ion binding
29218	Rcn2	reticulocalbin 2, EF-hand calcium binding domain	GO:0005509	calcium ion binding
29219	MGC105443,Snca	synuclein, alpha (non A4 component of amyloid precursor)	GO:0005509	calcium ion binding
292401	Smoc2	SPARC related modular calcium binding 2	GO:0005509	calcium ion binding
292734	Ltbp4	latent transforming growth factor beta binding protein 4	GO:0005509	calcium ion binding
29359	PLA2GX,Pla2g10,sPLA2-X	phospholipase A2, group X	GO:0005509	calcium ion binding
294410	Aa2-166,Man1a,Man1a1	mannosidase, alpha, class 1A, member 1	GO:0005509	calcium ion binding
29693	Atp2a2,Serca2,Sercall	ATPase, Ca++ transporting, cardiac muscle, slow twitch 2	GO:0005509	calcium ion binding
29748	Ppp3r1	protein phosphatase 3, regulatory subunit B, alpha isoform	GO:0005509	calcium ion binding
298579	MGC108956,Pla2g2d	phospholipase A2, group IID	GO:0005509	calcium ion binding
299117	Nin	ninein (GSK3B interacting protein)	GO:0005509	calcium ion binding
300719	Cib2,MGC109329	calcium and integrin binding family member 2	GO:0005509	calcium ion binding
302248	NID-2,Nid2	nidogen 2	GO:0005509	calcium ion binding
305604	Efemp1,T16	EGF-containing fibulin-like extracellular matrix protein 1	GO:0005509	calcium ion binding
310269	RGD1307225	similar to MEGF6	GO:0005509	calcium ion binding
311332	Dll4	delta-like 4 (Drosophila)	GO:0005509	calcium ion binding
311562	Apba2bp,Necab3	N-terminal EF-hand calcium binding protein 3	GO:0005509	calcium ion binding
361466	RGD1310121,Tppp	tubulin polymerization promoting protein	GO:0005509	calcium ion binding
361467	Aytl2,Lpcat1,RGD1311599	lysophosphatidylcholine acyltransferase 1	GO:0005509	calcium ion binding
361618	Stim1	stromal interaction molecule 1	GO:0005509	calcium ion binding
362039	Pla2g12a	phospholipase A2, group XIIA	GO:0005509	calcium ion binding
362107	Aif1,RGD1305081	allograft inflammatory factor 1-like	GO:0005509	calcium ion binding
363122	Ppp2r3a	protein phosphatase 2 (formerly 2A), regulatory subunit B", alpha	GO:0005509	calcium ion binding
366891	Caps22	calcyphosine 2	GO:0005509	calcium ion binding
393085	Pcdha1,rCNRv01	protocadherin alpha 1	GO:0005509	calcium ion binding
393088	Pcdha6,rCNRv06	protocadherin alpha 6	GO:0005509	calcium ion binding
393089	Pcdha7,rCNRv07	protocadherin alpha 7	GO:0005509	calcium ion binding
393090	Pcdha9,rCNRv09	protocadherin alpha 9	GO:0005509	calcium ion binding
408218	Capn11	calpain 11	GO:0005509	calcium ion binding
498328	Pkd2,RGD1559992	polycystic kidney disease 2 homolog (human)	GO:0005509	calcium ion binding
498456	RGD1562356,Sntn	sentan, cilia apical structure protein	GO:0005509	calcium ion binding
499847	Prrg4,RGD1560542	proline rich Gla (G-carboxylglutamic acid) 4 (transmembrane)	GO:0005509	calcium ion binding
500705	LOC500705	similar to chromosome 14 open reading frame 143	GO:0005509	calcium ion binding
501203	RGD1309537,Rlc-a	similar to Myosin regulatory light chain 2-A, smooth muscle isoform (Myosin RLC-A)	GO:0005509	calcium ion binding
50685	Mrlc2,Mrlcb,Myf12b,Myf2b	myosin, light chain 12B, regulatory	GO:0005509	calcium ion binding
54248	Dagk,Dgkb	diacylglycerol kinase, beta	GO:0005509	calcium ion binding
553106	Ncald	neurocalcin delta	GO:0005509	calcium ion binding
58982	Cspg3,Ncan	neurocan	GO:0005509	calcium ion binding
59107	Ltbp1	latent transforming growth factor beta binding protein 1	GO:0005509	calcium ion binding
63836	Actn4	actinin alpha 4	GO:0005509	calcium ion binding
64152	Chp1,Wrch2	calcium binding protein p22	GO:0005509	calcium ion binding
64366	Calu,Cbp50,MGC124555,Rcn	calumenin	GO:0005509	calcium ion binding
79210	Frp,Fstl,Fstl1,MGC93410	folistatin-like 1	GO:0005509	calcium ion binding
81707	Mmp14,Mt1-mmp	matrix metalloproteinase 14 (membrane-inserted)	GO:0005509	calcium ion binding

83469	Lrp4,Megf7	low density lipoprotein receptor-related protein 4	GO:0005509	calcium ion binding
83470	Bmp1	bone morphogenetic protein 1	GO:0005509	calcium ion binding
84010	Dll1	delta-like 1 (Drosophila)	GO:0005509	calcium ion binding
84587	Plcl1	phospholipase C-like 1	GO:0005509	calcium ion binding
24883	Wt1	Wilms tumor 1	GO:0043010	camera-type eye development
288821	Neurod4	neurogenic differentiation 4	GO:0043010	camera-type eye development
29458	Neurod1	neurogenic differentiation 1	GO:0043010	camera-type eye development
307724	RGD1311099,Rpgrip1l	Rpgrip1-like	GO:0043010	camera-type eye development
497991	Med1,RGD1559552	mediator complex subunit 1	GO:0043010	camera-type eye development
680102	Mab21l2	mab-21-like 2 (C. elegans)	GO:0043010	camera-type eye development
688394	Mab21l1	mab-21-like 1 (C. elegans)	GO:0043010	camera-type eye development
25248	Cnr11,SKR6R	cannabinoid receptor 1 (brain)	GO:0004949	cannabinoid receptor activity
57302	CB2,Cnr2	cannabinoid receptor 2 (macrophage)	GO:0004949	cannabinoid receptor activity
114494	Ccna2,MGC156527	cyclin A2	04110	Cell cycle
140583	Chek1	CHK1 checkpoint homolog (S. pombe)	04110	Cell cycle
24842	MGC112612,Trp53,Trp53,p53	tumor protein p53	04110	Cell cycle
25164	Cdkn2b,p15	cyclin-dependent kinase inhibitor 2B (p15, inhibits CDK4)	04110	Cell cycle
25576	14-3-3e1,MGC93547,Ywhah	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, eta polypeptide	04110	Cell cycle
25729	CYCLE,Ccne,Ccne1	cyclin E1	04110	Cell cycle
291689	Cdc23	CDC23 (cell division cycle 23, yeast, homolog)	04110	Cell cycle
296137	Bub1	budding uninhibited by benzimidazoles 1 homolog (S. cerevisiae)	04110	Cell cycle
29728	Mcm4,Mcm4	minichromosome maintenance complex component 4	04110	Cell cycle
308937	MGC105683,Wee1	wee 1 homolog (S. pombe)	04110	Cell cycle
311412	Anapc1	anaphase promoting complex subunit 1	04110	Cell cycle
312538	Mcm2	minichromosome maintenance complex component 2	04110	Cell cycle
314856	Mdm2	Mdm2 p53 binding protein homolog (mouse)	04110	Cell cycle
315958	Stag1	stromal antigen 1	04110	Cell cycle
360643	Cdc27	cell division cycle 27 homolog (S. cerevisiae)	04110	Cell cycle
360908	Cdc7	cell division cycle 7 homolog (S. cerevisiae)	04110	Cell cycle
361178	MGC112830	similar to transcription factor	04110	Cell cycle
362485	Ccne2	cyclin E2	04110	Cell cycle
399489	E2f1	E2F transcription factor 1	04110	Cell cycle
498030	Anapc11,RGD1561880	anaphase promoting complex subunit 11	04110	Cell cycle
54244	RTS2,CBP,Crebbp,RSTS	CREB binding protein	04110	Cell cycle
56011	Ywhab	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, beta polypeptide	04110	Cell cycle
81758	Rb2,Rbl2	retinoblastoma-like 2	04110	Cell cycle
81809	Tgfb2	transforming growth factor, beta 2	04110	Cell cycle
94201	Cdk4	cyclin-dependent kinase 4	04110	Cell cycle
25099	Foxa2,Hnf3b	forkhead box A2	GO:0021533	cell differentiation in hindbrain
25495	Nog	noggin	GO:0021533	cell differentiation in hindbrain
24215	Atp2b2,PMCA2	ATPase, Ca++ transporting, plasma membrane 2	GO:0000902	cell morphogenesis
24224	Bcl-2,Bcl2	B-cell CLL/lymphoma 2	GO:0000902	cell morphogenesis
25055	Chole,Chole2,LAL1,Lip1,Lipa	lipase A, lysosomal acid, cholesterol esterase	GO:0000902	cell morphogenesis
25459	Ac2-008,Hmg1,Hmgb11,MGC112830	high mobility group box 1	GO:0000902	cell morphogenesis
293016	Map7,Mtap7	microtubule-associated protein 7	GO:0000902	cell morphogenesis
301555	Cul3,MGC189292	cullin 3	GO:0000902	cell morphogenesis
303836	Bcl6	B-cell CLL/lymphoma 6	GO:0000902	cell morphogenesis
361295	Ss18	synovial sarcoma translocation, Chromosome 18	GO:0000902	cell morphogenesis
362202	Epb4.2,Epb42	erythrocyte membrane protein band 4.2	GO:0000902	cell morphogenesis
81649	CRK1,CSBP,CSPB1,Csbp1,Csbp1	mitogen activated protein kinase 14	GO:0000902	cell morphogenesis
81809	Tgfb2	transforming growth factor, beta 2	GO:0000902	cell morphogenesis
24493	IL-1 alpha,Il1a	interleukin 1 alpha	GO:0034605	cellular response to heat
25317	Fgf1,HBGF-1,HBGF1	fibroblast growth factor 1	GO:0034605	cellular response to heat
26296	Tcfec,Tfec	transcription factor EC	GO:0034605	cellular response to heat

29474	Coro1b	coronin, actin-binding protein, 1B	GO:0005856	cytoskeleton
29489	Dnch1,Dnchc1,Dync1h1	dynein cytoplasmic 1 heavy chain 1	GO:0005856	cytoskeleton
29648	Nudc,Silg92,c15	nuclear distribution gene C homolog (A. nidulans)	GO:0005856	cytoskeleton
296655	Stom	stomatin	GO:0005856	cytoskeleton
300963	Cep63,MGC114577	centrosomal protein 63	GO:0005856	cytoskeleton
302934	Ppl	periplakin	GO:0005856	cytoskeleton
304733	Epb4.1I5,Epb41I5,MGC1095	erythrocyte protein band 4.1-like 5	GO:0005856	cytoskeleton
304816	Lmod1	leiomodlin 1 (smooth muscle)	GO:0005856	cytoskeleton
306281	Ptpn20	protein tyrosine phosphatase, non-receptor type 20	GO:0005856	cytoskeleton
310392	Slc7a11	solute carrier family 7 (cationic amino acid transporter, y+ system), member 11	GO:0005856	cytoskeleton
310745	Dclre1b,MGC114481	DNA cross-link repair 1B, PSO2 homolog (S. cerevisiae)	GO:0005856	cytoskeleton
313672	Kaz,LOC313672,MGC105638	kazrin	GO:0005856	cytoskeleton
314848	Lrrc10	leucine-rich repeat-containing 10	GO:0005856	cytoskeleton
315655	MGC95168,Rdx	radixin	GO:0005856	cytoskeleton
315670	Elmod1,RGD1564186	ELMO/CED-12 domain containing 1	GO:0005856	cytoskeleton
360820	Pxn	paxillin	GO:0005856	cytoskeleton
360854	Arpc5,MGC116419	actin related protein 2/3 complex, subunit 5	GO:0005856	cytoskeleton
360950	Wdr1	WD repeat domain 1	GO:0005856	cytoskeleton
361251	Elmo1	engulfment and cell motility 1	GO:0005856	cytoskeleton
361532	MGC105900,Sirt2	sirtuin (silent mating type information regulation 2 homolog) 2 (S. cerevisiae)	GO:0005856	cytoskeleton
361618	Stim1	stromal interaction molecule 1	GO:0005856	cytoskeleton
367171	Map4,Mtap4	microtubule-associated protein 4	GO:0005856	cytoskeleton
500419	Fam82b,MGC112702	family with sequence similarity 82, member B	GO:0005856	cytoskeleton
54348	Spak,Stk39	serine/threonine kinase 39, STE20/SPS1 homolog (yeast)	GO:0005856	cytoskeleton
64845	Geph,Gphn	gephyrin	GO:0005856	cytoskeleton
65038	Inpp1,Ship2	inositol polyphosphate phosphatase-like 1	GO:0005856	cytoskeleton
691149	Capza12	capping protein (actin filament) muscle Z-line, alpha 1	GO:0005856	cytoskeleton
81655	Dncli2,Dync1li2,Lic2,MGC108	dynein, cytoplasmic 1 light intermediate chain 2	GO:0005856	cytoskeleton
81818	Vim	vimentin	GO:0005856	cytoskeleton
83527	Dbnl,Sh3p7	drebrin-like	GO:0005856	cytoskeleton
84014	MGC108645,Ralbp1	ralA binding protein 1	GO:0005856	cytoskeleton
84598	Jak1	Janus kinase 1	GO:0005856	cytoskeleton
85265	Jub,MGC93830	jub, ajuba homolog (Xenopus laevis)	GO:0005856	cytoskeleton
282827	Aip,XAP2	aryl-hydrocarbon receptor-interacting protein	GO:0044445	cytosolic part
50658	Mapk9,SAPK	mitogen-activated protein kinase 9	GO:0044445	cytosolic part
59293	Camki2,Gaip1,MGC108699,R	regulator of G-protein signaling 19	GO:0044445	cytosolic part
81649	CRK1,CSBP,CSPB1,Csbp1,Csb	mitogen activated protein kinase 14	GO:0044445	cytosolic part
25439	F2r,MGC93622,Par1,TRGPC	coagulation factor II (thrombin) receptor	GO:0016265	death
25505	P2XMR,P2rx1	purinergic receptor P2X, ligand-gated ion channel, 1	GO:0016265	death
25549	MNAT,Slc18a2,VMAT2	solute carrier family 18 (vesicular monoamine), member 2	GO:0016265	death
307350	Afg3l2,MGC109579	AFG3(ATPase family gene 3)-like 2 (yeast)	GO:0016265	death
25459	Ac2-008,Hmg1,Hmgb11,MGC	high mobility group box 1	GO:0008301	DNA bending activity
29395	Hmg2,Hmgb2,MGC108899,N	high mobility group box 2	GO:0008301	DNA bending activity
79237	Hex,Hhex	hematopoietically expressed homeobox	GO:0008301	DNA bending activity
24842	MGC112612,Tp53,Trp53,p53	tumor protein p53	GO:0042771	DNA damage response; signal transduction by p53 class mediator res
315639	Usp28	ubiquitin specific peptidase 28	GO:0042771	DNA damage response; signal transduction by p53 class mediator res
361594	Aen,Isg20l1,RGD1305051	apoptosis enhancing nuclease	GO:0042771	DNA damage response; signal transduction by p53 class mediator res
680611	Bcl32	B-cell CLL/lymphoma 3	GO:0042771	DNA damage response; signal transduction by p53 class mediator res
25099	Foxa2,Hnf3b	forkhead box A2	GO:0021904	dorsal/ventral neural tube patterning
304486	RGD1566266,Tctn1	tectonic family member 1	GO:0021904	dorsal/ventral neural tube patterning
304729	Gli2	GLI family zinc finger 2	GO:0021904	dorsal/ventral neural tube patterning
291906	Aktip,Fts,MGC109405	AKT interacting protein	GO:0045022	early endosome to late endosome transport
304286	Lmtk2	lemur tyrosine kinase 2	GO:0045022	early endosome to late endosome transport
306548	Hook3	hook homolog 3 (Drosophila)	GO:0045022	early endosome to late endosome transport

64088	Snx16	sorting nexin 16	GO:0045022	early endosome to late endosome transport
304729	Gli2	GLI family zinc finger 2	GO:0048566	embryonic digestive tract development
307740	Sal1	sal-like 1 (Drosophila)	GO:0048566	embryonic digestive tract development
313860	RGD1311939,Sgk493	protein kinase-like protein Sgk493	GO:0048566	embryonic digestive tract development
24695	PLP,Pthlh	parathyroid hormone-like hormone	GO:0001958	endochondral ossification
25431	Dlx51,RDLX	distal-less homeobox 5	GO:0001958	endochondral ossification
312952	Impad1,RGD1306455	inositol monophosphatase domain containing 1	GO:0001958	endochondral ossification
64824	Nab1	Ngfi-A binding protein 1	GO:0001958	endochondral ossification
89804	Tek,Tie-2,Tie2	TEK tyrosine kinase, endothelial	GO:0001958	endochondral ossification
192204	Ehd4,MGC91469,Past2	EH-domain containing 4	GO:0032456	endocytic recycling
304286	Lmtk2	lemur tyrosine kinase 2	GO:0032456	endocytic recycling
360725	Snx4	sorting nexin 4	GO:0032456	endocytic recycling
25696	Vldlr	very low density lipoprotein receptor	GO:0006897	endocytosis
305974	RGD1306539,Scara5	scavenger receptor class A, member 5 (putative)	GO:0006897	endocytosis
310097	Snag1,Snx18	sorting nexin 18	GO:0006897	endocytosis
312052	Steap2	six transmembrane epithelial antigen of the prostate 2	GO:0006897	endocytosis
312694	MGC114570,Necap1,RGD1306539	NECAP endocytosis associated 1	GO:0006897	endocytosis
360202	Sal1,Sblf,Ston1	stonin 1	GO:0006897	endocytosis
54190	Rabep1	rabaptin, RAB GTPase binding effector protein 1	GO:0006897	endocytosis
64678	Tfrc,Trfr	transferrin receptor	GO:0006897	endocytosis
65038	Inpp1,Ship2	inositol polyphosphate phosphatase-like 1	GO:0006897	endocytosis
65168	MGC94592,Scamp2	secretory carrier membrane protein 2	GO:0006897	endocytosis
83469	Lrp4,Megf7	low density lipoprotein receptor-related protein 4	GO:0006897	endocytosis
83527	Dbnl,Sh3p7	drebrin-like	GO:0006897	endocytosis
84014	MGC108645,Ralbp1	ralA binding protein 1	GO:0006897	endocytosis
24695	PLP,Pthlh	parathyroid hormone-like hormone	GO:0007492	endoderm development
25231	Hnf6,Onecut1	one cut homeobox 1	GO:0007492	endoderm development
25640	Hnf1b,LF-B3,MGC93549,Tcf2	HNF1 homeobox B	GO:0007492	endoderm development
294503	Nodal	nodal homolog (mouse)	GO:0007492	endoderm development
299907	Ext1	exostoses (multiple) 1	GO:0007492	endoderm development
304733	Epb4.1l5,Epb41l5,MGC10955	erythrocyte protein band 4.1-like 5	GO:0007492	endoderm development
305858	Otx2	orthodenticle homeobox 2	GO:0007492	endoderm development
312936	Sox17	SRY (sex determining region Y)-box 17	GO:0007492	endoderm development
79237	Hex,Hhex	hematopoietically expressed homeobox	GO:0007492	endoderm development
116644	Nsp,Rtn1	reticulon 1	GO:0005789	endoplasmic reticulum membrane
140945	Rtn3	reticulon 3	GO:0005789	endoplasmic reticulum membrane
170907	Serinc5,Tpo1	serine incorporator 5	GO:0005789	endoplasmic reticulum membrane
24224	Bcl-2,Bcl2	B-cell CLL/lymphoma 2	GO:0005789	endoplasmic reticulum membrane
24297	CYPD45,Cyp1a2,P-450d,RAT1	cytochrome P450, family 1, subfamily a, polypeptide 2	GO:0005789	endoplasmic reticulum membrane
24316	D1a,Drd-1,Drd11,Drd1a	dopamine receptor D1A	GO:0005789	endoplasmic reticulum membrane
24392	Cx43,Gja1,MGC93610	gap junction protein, alpha 1	GO:0005789	endoplasmic reticulum membrane
246074	Scd1	stearoyl-Coenzyme A desaturase 1	GO:0005789	endoplasmic reticulum membrane
246211	Cca2,Hsd3b7	hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 7	GO:0005789	endoplasmic reticulum membrane
24950	MGC156498,S5AR 1,Srd5a1	steroid-5-alpha-reductase, alpha polypeptide 1 (3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha 1)	GO:0005789	endoplasmic reticulum membrane
252900	Dgat2,MGC108863	diacylglycerol O-acyltransferase homolog 2 (mouse)	GO:0005789	endoplasmic reticulum membrane
25427	Cyp51,Cyp51a1,MGC93630,F	cytochrome P450, family 51	GO:0005789	endoplasmic reticulum membrane
25672	MCR,Mlr,Nr3c2	nuclear receptor subfamily 3, group C, member 2	GO:0005789	endoplasmic reticulum membrane
25675	3H3M,Hmgcr	3-hydroxy-3-methylglutaryl-Coenzyme A reductase	GO:0005789	endoplasmic reticulum membrane
286900	Sels,sg2	selenoprotein S	GO:0005789	endoplasmic reticulum membrane
286954	Ugt2b172,2B1,Udpgr2,Ugt2	UDP glucuronosyltransferase 2 family, polypeptide B1	GO:0005789	endoplasmic reticulum membrane
29230	Sqle	squalene epoxidase	GO:0005789	endoplasmic reticulum membrane
29336	Oprs1,Sigmar1	sigma non-opioid intracellular receptor 1	GO:0005789	endoplasmic reticulum membrane
29347	Faah	fatty acid amide hydrolase	GO:0005789	endoplasmic reticulum membrane
293939	Erlin1,RGD1307058,Spfh1	ER lipid raft associated 1	GO:0005789	endoplasmic reticulum membrane

295457	Cisd2,RGD1566242	CDGSH iron sulfur domain 2	GO:0005789	endoplasmic reticulum membrane
296394	Dpm1	dolichyl-phosphate mannosyltransferase polypeptide 1, catalytic subunit	GO:0005789	endoplasmic reticulum membrane
29693	Atp2a2,Serca2,Sercall	ATPase, Ca++ transporting, cardiac muscle, slow twitch 2	GO:0005789	endoplasmic reticulum membrane
303565	G6pc3	glucose 6 phosphatase, catalytic, 3	GO:0005789	endoplasmic reticulum membrane
304881	MGC72610,Tor1aip2	torsin A interacting protein 2	GO:0005789	endoplasmic reticulum membrane
305166	Agpat9,MGC114395	1-acylglycerol-3-phosphate O-acyltransferase 9	GO:0005789	endoplasmic reticulum membrane
309449	Elovl3	elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 3	GO:0005789	endoplasmic reticulum membrane
310506	Ppm1l	protein phosphatase 1 (formerly 2C)-like	GO:0005789	endoplasmic reticulum membrane
310773	Cept1,MGC95031	choline/ethanolamine phosphotransferase 1	GO:0005789	endoplasmic reticulum membrane
311562	Apba2bp,Necab3	N-terminal EF-hand calcium binding protein 3	GO:0005789	endoplasmic reticulum membrane
312495	Cyp26b1	cytochrome P450, family 26, subfamily b, polypeptide 1	GO:0005789	endoplasmic reticulum membrane
313231	Alg2	asparagine-linked glycosylation 2, alpha-1,3-mannosyltransferase homolog (S. cerevisiae)	GO:0005789	endoplasmic reticulum membrane
313706	RGD1309588,Ubiad1	UbiA prenyltransferase domain containing 1	GO:0005789	endoplasmic reticulum membrane
314648	Ncln,RGD1309355	nicalin homolog (zebrafish)	GO:0005789	endoplasmic reticulum membrane
315435	Panx1,px1	Pannexin 1	GO:0005789	endoplasmic reticulum membrane
360953	Stx18	syntaxin 18	GO:0005789	endoplasmic reticulum membrane
361233	Ssr1	signal sequence receptor, alpha	GO:0005789	endoplasmic reticulum membrane
361319	Spink5	serine peptidase inhibitor, Kazal type 5	GO:0005789	endoplasmic reticulum membrane
361467	Ayt12,Lpcat1,RGD1311599	lysophosphatidylcholine acyltransferase 1	GO:0005789	endoplasmic reticulum membrane
361523	CYP11B2,Cyp2b2,Cype	cytochrome P450, family 2, subfamily b, polypeptide 2	GO:0005789	endoplasmic reticulum membrane
361527	MGC109410,Pld3	phospholipase D family, member 3	GO:0005789	endoplasmic reticulum membrane
361618	Stim1	stromal interaction molecule 1	GO:0005789	endoplasmic reticulum membrane
361895	Elovl7	ELOVL family member 7, elongation of long chain fatty acids (yeast)	GO:0005789	endoplasmic reticulum membrane
362031	Alg14,RGD1312003	asparagine-linked glycosylation 14 homolog (S. cerevisiae)	GO:0005789	endoplasmic reticulum membrane
362521	RGD1305703,Tmem38b	transmembrane protein 38B	GO:0005789	endoplasmic reticulum membrane
373544	Ermp1,Fxna	endoplasmic reticulum metalloproteinase 1	GO:0005789	endoplasmic reticulum membrane
502782	Pigy,Prey	phosphatidylinositol glycan anchor biosynthesis, class Y	GO:0005789	endoplasmic reticulum membrane
64001	Cyb5,Cyb5a,MGC108694	cytochrome b5 type A (microsomal)	GO:0005789	endoplasmic reticulum membrane
64154	Gosr2	golgi SNAP receptor complex member 2	GO:0005789	endoplasmic reticulum membrane
681578	Rnf13	ring finger protein 13	GO:0005789	endoplasmic reticulum membrane
80881	RAMP4,Serp1	stress-associated endoplasmic reticulum protein 1	GO:0005789	endoplasmic reticulum membrane
81678	Itpr2	inositol 1,4,5-triphosphate receptor, type 2	GO:0005789	endoplasmic reticulum membrane
81681	Lss	lanosterol synthase (2,3-oxidosqualene-lanosterol cyclase)	GO:0005789	endoplasmic reticulum membrane
81784	Ssr3	signal sequence receptor, gamma	GO:0005789	endoplasmic reticulum membrane
83790	Cyp2c23	cytochrome P450, family 2, subfamily c, polypeptide 23	GO:0005789	endoplasmic reticulum membrane
83808	MGC93327,Ugt2b12,Ugt2b1	UDP glucuronosyltransferase 2 family, polypeptide B36	GO:0005789	endoplasmic reticulum membrane
84016	Grip1	glutamate receptor interacting protein 1	GO:0005789	endoplasmic reticulum membrane
84508	Adrg34,Kf1,Rnf103,Zfp103	ring finger protein 103	GO:0005789	endoplasmic reticulum membrane
89868	Lztr2,Rgpr,Sec16b	SEC16 homolog B (S. cerevisiae)	GO:0005789	endoplasmic reticulum membrane
309449	Elovl3	elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 3	GO:0009922	fatty acid elongase activity
361895	Elovl7	ELOVL family member 7, elongation of long chain fatty acids (yeast)	GO:0009922	fatty acid elongase activity
116466	Wnt2b	wingless-type MMTV integration site family, member 2B	GO:0021871	forebrain regionalization
316400	Pgap1	post-GPI attachment to proteins 1	GO:0021871	forebrain regionalization
24842	MGC112612,Tp53,Trp53,p53	tumor protein p53	GO:0007369	gastrulation
29424	Hd2,Hdh,Htt	huntingtin	GO:0007369	gastrulation
294503	Nodal	nodal homolog (mouse)	GO:0007369	gastrulation
299907	Ext1	exostoses (multiple) 1	GO:0007369	gastrulation
301555	Cul3,MGC189292	cullin 3	GO:0007369	gastrulation
170911	MGC116320,Pik3ca	phosphoinositide-3-kinase, catalytic, alpha polypeptide	GO:0006006	glucose metabolic process
24849	MGC156639,Tpi,Tpi1	triosephosphate isomerase 1	GO:0006006	glucose metabolic process
25231	Hnf6,Onecut1	one cut homeobox 1	GO:0006006	glucose metabolic process
25620	Crem,Icer	cAMP responsive element modulator	GO:0006006	glucose metabolic process
29358	MGC109393,NPY-1,Npy1r	neuropeptide Y receptor Y1	GO:0006006	glucose metabolic process
298655	H6pd	hexose-6-phosphate dehydrogenase (glucose 1-dehydrogenase)	GO:0006006	glucose metabolic process

65038	Inpp1,Ship2	inositol polyphosphate phosphatase-like 1	GO:0006006	glucose metabolic process
80881	RAMP4,Serp1	stress-associated endoplasmic reticulum protein 1	GO:0006006	glucose metabolic process
81649	CRK1,CSPB,CSPB1,Csdp1,Cst	mitogen activated protein kinase 14	GO:0006006	glucose metabolic process
83535	Kcnj11,Kir6.2	potassium inwardly rectifying channel, subfamily J, member 11	GO:0006006	glucose metabolic process
24377	G6pd,G6pdx	glucose-6-phosphate dehydrogenase	GO:0004345	glucose-6-phosphate dehydrogenase activity
298655	H6pd	hexose-6-phosphate dehydrogenase (glucose 1-dehydrogenase)	GO:0004345	glucose-6-phosphate dehydrogenase activity
25211	Lysz,Lyz,Lyz1,Lyz21	lysozyme 2	GO:0000137	Golgi cis cisterna
311562	Apba2bp,Necab3	N-terminal EF-hand calcium binding protein 3	GO:0000137	Golgi cis cisterna
94338	Smpd3,cca1	sphingomyelin phosphodiesterase 3, neutral membrane	GO:0000137	Golgi cis cisterna
25238	Adrbk1,BARK1,GRK-2,Grk2	adrenergic, beta, receptor kinase 1	GO:0004703	G-protein coupled receptor kinase activity
59075	Gprk5,Grk5,MGC93405	G protein-coupled receptor kinase 5	GO:0004703	G-protein coupled receptor kinase activity
59076	Gprk6,Grk6	G protein-coupled receptor kinase 6	GO:0004703	G-protein coupled receptor kinase activity
81760	Grk1,Rhok	G protein-coupled receptor kinase 1	GO:0004703	G-protein coupled receptor kinase activity
24415	Grm2	glutamate receptor, metabotropic 2	GO:0001641	group II metabotropic glutamate receptor activity
24416	Grm3,mGluR3	glutamate receptor, metabotropic 3	GO:0001641	group II metabotropic glutamate receptor activity
292155	Hs2st1	heparan sulfate 2-O-sulfotransferase 1	GO:0015014	heparan sulfate proteoglycan biosynthetic process; polysaccharide c
299907	Ext1	exostoses (multiple) 1	GO:0015014	heparan sulfate proteoglycan biosynthetic process; polysaccharide c
25640	Hnf1b,LF-B3,MGC93549,Tcf2	HNF1 homeobox B	GO:0061017	hepatoblast differentiation
79237	Hex,Hhex	hematopoietically expressed homeobox	GO:0061017	hepatoblast differentiation
114500	Gbx2	gastrulation brain homeobox 2	GO:0030902	hindbrain development
25640	Hnf1b,LF-B3,MGC93549,Tcf2	HNF1 homeobox B	GO:0030902	hindbrain development
29458	Neurod1	neurogenic differentiation 1	GO:0030902	hindbrain development
304729	Gli2	GLI family zinc finger 2	GO:0030902	hindbrain development
81809	Tgfb2	transforming growth factor, beta 2	GO:0030902	hindbrain development
500538	Byb1,Cbfa,Dbpb,Ef1a,Msy1,I	Y box binding protein 1	GO:0071204	histone pre-mRNA 3'end processing complex
681062	MGC187387,Slbp	stem-loop binding protein	GO:0071204	histone pre-mRNA 3'end processing complex
29216	Lrp2	low density lipoprotein-related protein 2	GO:0046879	hormone secretion
292734	Ltbp4	latent transforming growth factor beta binding protein 4	GO:0046879	hormone secretion
294075	Gpr120	G protein-coupled receptor 120	GO:0046879	hormone secretion
25386	AQP-2,Aqp2,MGC156502,aq	aquaporin 2 (collecting duct)	GO:0006972	hyperosmotic response
29323	MGC93507,Rosit,Slc6a18,Xtr	solute carrier family 6, member 18	GO:0006972	hyperosmotic response
81676	Hnmt,MGC105411	histamine N-methyltransferase	GO:0006972	hyperosmotic response
83629	Bsc2,Nkcc1,Slc12a2	solute carrier family 12 (sodium/potassium/chloride transporters), member 2	GO:0006972	hyperosmotic response
252961	Tank	TRAF family member-associated NFKB activator	GO:0007249	I-kappaB kinase/NF-kappaB cascade
310877	Ab2-389,T2bp,Tifa	TRAF-interacting protein with forkhead-associated domain	GO:0007249	I-kappaB kinase/NF-kappaB cascade
313588	Snip1	Smad nuclear interacting protein 1	GO:0007249	I-kappaB kinase/NF-kappaB cascade
680611	Bcl32	B-cell CLL/lymphoma 3	GO:0007249	I-kappaB kinase/NF-kappaB cascade
24237	C6	complement component 6	GO:0001701	in utero embryonic development
24326	ENDOR,Ednra1,Eta,RATEND	endothelin receptor type A	GO:0001701	in utero embryonic development
24392	Cx43,Gja1,MGC93610	gap junction protein, alpha 1	GO:0001701	in utero embryonic development
24629	Pdgfrb	platelet derived growth factor receptor, beta polypeptide	GO:0001701	in utero embryonic development
24842	MGC112612,Tp53,Trp53,p53	tumor protein p53	GO:0001701	in utero embryonic development
24851	Alpha-tm,Tma2,Tmsa,Tpm1	tropomyosin 1, alpha	GO:0001701	in utero embryonic development
25099	Foxa2,Hnf3b	forkhead box A2	GO:0001701	in utero embryonic development
25237	Acvr1,MGC91691,R-3,R3,SE	activin A receptor type II-like 1	GO:0001701	in utero embryonic development
25267	APDGFR,PDGFACE,Pdgfra	platelet derived growth factor receptor, alpha polypeptide	GO:0001701	in utero embryonic development
25484	MYR5,Myo1e,Myr3	myosin IE	GO:0001701	in utero embryonic development
25495	Nog	noggin	GO:0001701	in utero embryonic development
293960	Zfand5,Zfp216	zinc finger, AN1-type domain 5	GO:0001701	in utero embryonic development
294503	Nodal	nodal homolog (mouse)	GO:0001701	in utero embryonic development
29591	MGC93659,Tgfr1	transforming growth factor, beta receptor 1	GO:0001701	in utero embryonic development
29610	Tgfr3,betaglycan	transforming growth factor, beta receptor III	GO:0001701	in utero embryonic development
301555	Cul3,MGC189292	cullin 3	GO:0001701	in utero embryonic development
303586	Wnt9b	wingless-type MMTV integration site family, member 9B	GO:0001701	in utero embryonic development

304486	RGD1566266,Tctn1	tectonic family member 1	GO:0001701	in utero embryonic development
304729	Gli2	GLI family zinc finger 2	GO:0001701	in utero embryonic development
304733	Epb4.1I5,Epb41I5,MGC1095	erythrocyte protein band 4.1-like 5	GO:0001701	in utero embryonic development
307724	RGD1311099,Rpgrip1l	Rpgrip1-like	GO:0001701	in utero embryonic development
308523	Tshz3,Zfp537	teashirt zinc finger homeobox 3	GO:0001701	in utero embryonic development
309871	Prdm1	PR domain containing 1, with ZNF domain	GO:0001701	in utero embryonic development
314930	FOG-2,Zfpm2	zinc finger protein, multitype 2	GO:0001701	in utero embryonic development
361103	Rai17,Zmiz1	zinc finger, MIZ-type containing 1	GO:0001701	in utero embryonic development
497991	Med1,RGD1559552	mediator complex subunit 1	GO:0001701	in utero embryonic development
499966	RGD1564823,Xrcc2	X-ray repair complementing defective repair in Chinese hamster cells 2	GO:0001701	in utero embryonic development
500538	Byb1,Cbfa,Dbpb,Ef1a,Msy1,l	Y box binding protein 1	GO:0001701	in utero embryonic development
64188	Mafg	v-maf musculoaponeurotic fibrosarcoma oncogene homolog G (avian)	GO:0001701	in utero embryonic development
65165	MGC72390,Rnp24,Tmed2	transmembrane emp24 domain trafficking protein 2	GO:0001701	in utero embryonic development
94202	Pcptp1,Ptprr	protein tyrosine phosphatase, receptor type, R	GO:0001701	in utero embryonic development
25369	A2ar,ADENO,Adora2a,Adora	adenosine A2a receptor	GO:0031558	induction of apoptosis in response to chemical stimulus
50658	Mapk9,SAPK	mitogen-activated protein kinase 9	GO:0031558	induction of apoptosis in response to chemical stimulus
114634	Six1	SIX homeobox 1	GO:0048839	inner ear development
24215	Atp2b2,PMCA2	ATPase, Ca++ transporting, plasma membrane 2	GO:0048839	inner ear development
24629	Pdgfrb	platelet derived growth factor receptor, beta polypeptide	GO:0048839	inner ear development
25267	APDGFR,PDGFACE,Pdgfra	platelet derived growth factor receptor, alpha polypeptide	GO:0048839	inner ear development
81809	Tgfb2	transforming growth factor, beta 2	GO:0048839	inner ear development
84010	Dll1	delta-like 1 (Drosophila)	GO:0048839	inner ear development
294504	Pp,Ppa1,Pyp	pyrophosphatase (inorganic) 1	GO:0004427	inorganic diphosphatase activity
361663	Lhpp,MGC95092	phospholysine phosphohistidine inorganic pyrophosphate phosphatase	GO:0004427	inorganic diphosphatase activity
114506	Ank,Ankh	ankylosis, progressive homolog (mouse)	GO:0005887	integral to plasma membrane
117100	Prot,Slc6a7	solute carrier family 6 (neurotransmitter transporter, L-proline), member 7	GO:0005887	integral to plasma membrane
24392	Cx43,Gja1,MGC93610	gap junction protein, alpha 1	GO:0005887	integral to plasma membrane
24414	Gprc1a,Grm1	glutamate receptor, metabotropic 1	GO:0005887	integral to plasma membrane
24415	Grm2	glutamate receptor, metabotropic 2	GO:0005887	integral to plasma membrane
24629	Pdgfrb	platelet derived growth factor receptor, beta polypeptide	GO:0005887	integral to plasma membrane
24779	MGC93554,Slc4a1	solute carrier family 4 (anion exchanger), member 1	GO:0005887	integral to plasma membrane
24827	RATTGFAA,TGFAA,Tgfa	transforming growth factor alpha	GO:0005887	integral to plasma membrane
25237	Acvrl1,MGC91691,R-3,R3,SE	activin A receptor type II-like 1	GO:0005887	integral to plasma membrane
25267	APDGFR,PDGFACE,Pdgfra	platelet derived growth factor receptor, alpha polypeptide	GO:0005887	integral to plasma membrane
25293	AQP-4,AQP4.M23,Aqp4,MIM	aquaporin 4	GO:0005887	integral to plasma membrane
289546	Desc4,RGD1306446	similar to RIKEN cDNA 9930032O22 gene	GO:0005887	integral to plasma membrane
292949	Perp	PERP, TP53 apoptosis effector	GO:0005887	integral to plasma membrane
29323	MGC93507,Rosit,Slc6a18,Xtr	solute carrier family 6, member 18	GO:0005887	integral to plasma membrane
29600	Atp2b4,PMCA4	ATPase, Ca++ transporting, plasma membrane 4	GO:0005887	integral to plasma membrane
29610	Tgfrb3,betaglycan	transforming growth factor, beta receptor III	GO:0005887	integral to plasma membrane
296655	Stom	stomatin	GO:0005887	integral to plasma membrane
29705	Gabra1	gamma-aminobutyric acid (GABA) A receptor, alpha 1	GO:0005887	integral to plasma membrane
300186	Ali1,Amigo2	adhesion molecule with Ig like domain 2	GO:0005887	integral to plasma membrane
305974	RGD1306539,Scara5	scavenger receptor class A, member 5 (putative)	GO:0005887	integral to plasma membrane
310836	ABCR,Abca4	ATP-binding cassette, subfamily A (ABC1), member 4	GO:0005887	integral to plasma membrane
361618	Stim1	stromal interaction molecule 1	GO:0005887	integral to plasma membrane
362326	MGC109305,Tm4sf12,Tspan	tetraspanin 12	GO:0005887	integral to plasma membrane
393089	Pcdha7,rCNRv07	protocadherin alpha 7	GO:0005887	integral to plasma membrane
393091	Pcdhac1,rCNRvc1	protocadherin alpha subfamily C, 1	GO:0005887	integral to plasma membrane
501925	Slc2a9	solute carrier family 2 (facilitated glucose transporter), member 9	GO:0005887	integral to plasma membrane
65180	Kcnd2,Kv4.2,RK5,Shal1	potassium voltage-gated channel, Shal-related subfamily, member 2	GO:0005887	integral to plasma membrane
65195	Kcnd3,Kv4.3	potassium voltage-gated channel, Shal-related subfamily, member 3	GO:0005887	integral to plasma membrane
685781	Ddr2,Tyro10	discoidin domain receptor tyrosine kinase 2	GO:0005887	integral to plasma membrane
79123	Accn2,Asic1	amiloride-sensitive cation channel 2, neuronal	GO:0005887	integral to plasma membrane

79208	Els1,Epha5	EphA5	GO:0005887	integral to plasma membrane
79212	Gabt1,Slc6a1	solute carrier family 6 (neurotransmitter transporter, GABA), member 1	GO:0005887	integral to plasma membrane
89804	Tek,Tie-2,Tie2	TEK tyrosine kinase, endothelial	GO:0005887	integral to plasma membrane
114634	Six1	SIX homeobox 1	GO:0001822	kidney development
24224	Bcl-2,Bcl2	B-cell CLL/lymphoma 2	GO:0001822	kidney development
24629	Pdgfrb	platelet derived growth factor receptor, beta polypeptide	GO:0001822	kidney development
24883	Wt1	Wilms tumor 1	GO:0001822	kidney development
25484	MYR5,Myo1e,Myr3	myosin IE	GO:0001822	kidney development
25640	Hnf1b,LF-B3,MGC93549,Tcf2	HNF1 homeobox B	GO:0001822	kidney development
29591	MGC93659,Tgfr1	transforming growth factor, beta receptor 1	GO:0001822	kidney development
303586	Wnt9b	wingless-type MMTV integration site family, member 9B	GO:0001822	kidney development
304729	Gli2	GLI family zinc finger 2	GO:0001822	kidney development
307724	RGD1311099,Rpgrip1l	Rpgrip1-like	GO:0001822	kidney development
307740	Sall1	sal-like 1 (Drosophila)	GO:0001822	kidney development
498328	Pkd2,RGD155992	polycystic kidney disease 2 homolog (human)	GO:0001822	kidney development
81638	AT12,Agtr12,AT1B,AT3,AT4A	angiotensin II receptor, type 1b	GO:0001822	kidney development
81809	Tgfb2	transforming growth factor, beta 2	GO:0001822	kidney development
83469	Lrp4,Megf7	low density lipoprotein receptor-related protein 4	GO:0001822	kidney development
85272	BMP-7,Bmp7	bone morphogenetic protein 7	GO:0001822	kidney development
303586	Wnt9b	wingless-type MMTV integration site family, member 9B	GO:0060993	kidney morphogenesis
308523	Tshz3,Zfp537	teashirt zinc finger homeobox 3	GO:0060993	kidney morphogenesis
117553	Uba3,Ube1c	ubiquitin-like modifier activating enzyme 3	GO:0016922	ligand-dependent nuclear receptor binding
289810	C1d1,MGC188504,RGD15601	C1D nuclear receptor co-repressor	GO:0016922	ligand-dependent nuclear receptor binding
306764	Nsd1	nuclear receptor binding SET domain protein 1	GO:0016922	ligand-dependent nuclear receptor binding
497991	Med1,RGD1559552	mediator complex subunit 1	GO:0016922	ligand-dependent nuclear receptor binding
25495	Nog	noggin	GO:0060173	limb development
29279	Meox2	mesenchyme homeobox 2	GO:0060173	limb development
307740	Sall1	sal-like 1 (Drosophila)	GO:0060173	limb development
309444	Fbxw4	F-box and WD repeat domain containing 4	GO:0060173	limb development
24316	D1a,Drd-1,Drd11,Drd1a	dopamine receptor D1A	GO:0060292	long term synaptic depression
25558	ANC18HA,Munc18-1,NSEC1A	syntaxin binding protein 1	GO:0060292	long term synaptic depression
84550	Nckx2,Slc24a2	solute carrier family 24 (sodium/potassium/calcium exchanger), member 2	GO:0060292	long term synaptic depression
24316	D1a,Drd-1,Drd11,Drd1a	dopamine receptor D1A	GO:0060291	long-term synaptic potentiation
29219	MGC105443,Snca	synuclein, alpha (non A4 component of amyloid precursor)	GO:0060291	long-term synaptic potentiation
84550	Nckx2,Slc24a2	solute carrier family 24 (sodium/potassium/calcium exchanger), member 2	GO:0060291	long-term synaptic potentiation
25099	Foxa2,Hnf3b	forkhead box A2	GO:0060487	lung epithelial cell differentiation
29748	Ppp3r1	protein phosphatase 3, regulatory subunit B, alpha isoform	GO:0060487	lung epithelial cell differentiation
114494	Ccna2,MGC156527	cyclin A2	GO:0001940	male pronucleus
117526	MGC93994,TFIID,Tbp	TATA box binding protein	GO:0001940	male pronucleus
170851	Map2k1,Mek1	mitogen activated protein kinase kinase 1	GO:0004708	MAP kinase kinase activity
24827	RATTGFAA,TGFAA,Tgfa	transforming growth factor alpha	GO:0004708	MAP kinase kinase activity
303200	Map2k3	mitogen activated protein kinase kinase 3	GO:0004708	MAP kinase kinase activity
313121	Map3k7,Tak1	mitogen activated protein kinase kinase 7	GO:0004708	MAP kinase kinase activity
170851	Map2k1,Mek1	mitogen activated protein kinase kinase 1	05218	Melanoma
170911	MGC116320,Pik3ca	phosphoinositide-3-kinase, catalytic, alpha polypeptide	05218	Melanoma
24482	Igf1	insulin-like growth factor 1	05218	Melanoma
24629	Pdgfrb	platelet derived growth factor receptor, beta polypeptide	05218	Melanoma
24842	MGC112612,Tp53,Trp53,p53	tumor protein p53	05218	Melanoma
25267	APDGFR,PDGFACE,Pdgfra	platelet derived growth factor receptor, alpha polypeptide	05218	Melanoma
25317	Fgf1,HBGF-1,HBGF1	fibroblast growth factor 1	05218	Melanoma
314856	Mdm2	Mdm2 p53 binding protein homolog (mouse)	05218	Melanoma
399489	E2f1	E2F transcription factor 1	05218	Melanoma
94201	Cdk4	cyclin-dependent kinase 4	05218	Melanoma
24237	C6	complement component 6	GO:0005579	membrane attack complex

29288	C8a	complement component 8, alpha polypeptide	GO:0005579	membrane attack complex
313421	C8b	complement component 8, beta polypeptide	GO:0005579	membrane attack complex
25640	Hnf1b,LF-B3,MGC93549,Tcf2	HNF1 homeobox B	GO:0072181	mesonephric duct formation
303586	Wnt9b	wingless-type MMTV integration site family, member 9B	GO:0072181	mesonephric duct formation
25640	Hnf1b,LF-B3,MGC93549,Tcf2	HNF1 homeobox B	GO:0072164	mesonephric tubule development
303586	Wnt9b	wingless-type MMTV integration site family, member 9B	GO:0072164	mesonephric tubule development
24224	Bcl-2,Bcl2	B-cell CLL/lymphoma 2	GO:0001656	metanephros development
24592	Nf1	neurofibromin 1	GO:0001656	metanephros development
24883	Wt1	Wilms tumor 1	GO:0001656	metanephros development
294981	Spry1	sprouty homolog 1, antagonist of FGF signaling (Drosophila)	GO:0001656	metanephros development
308523	Tshz3,Zfp537	teashirt zinc finger homeobox 3	GO:0001656	metanephros development
364786	RGD1564327	similar to integrin alpha 8	GO:0001656	metanephros development
85272	BMP-7,Bmp7	bone morphogenetic protein 7	GO:0001656	metanephros development
291441	RGD1310784,Ska1	spindle and kinetochore associated complex subunit 1	GO:0000090	mitotic anaphase
296284	Kif3b	kinesin family member 3B	GO:0000090	mitotic anaphase
301555	Cul3,MGC189292	cullin 3	GO:0000090	mitotic anaphase
29344	Berg36,Brf11,ERF1,TIS11b,Zf	zinc finger protein 36, C3H type-like 1	GO:0006402	mRNA catabolic process
298533	Eif2c4	eukaryotic translation initiation factor 2C, 4	GO:0006402	mRNA catabolic process
361215	Auh	AU RNA binding protein/enoyl-coenzyme A hydratase	GO:0006402	mRNA catabolic process
24261	Acrb,Chrn1,RNACRB1	cholinergic receptor, nicotinic, beta 1 (muscle)	GO:0006936	muscle contraction
24316	D1a,Drd-1,Drd11,Drd1a	dopamine receptor D1A	GO:0006936	muscle contraction
24851	Alpha-tm,Tma2,Tmsa,Tpm1	tropomyosin 1, alpha	GO:0006936	muscle contraction
25687	Cald1	caldesmon 1	GO:0006936	muscle contraction
288057	Mylk	myosin light chain kinase	GO:0006936	muscle contraction
304816	Lmod1	leiomodin 1 (smooth muscle)	GO:0006936	muscle contraction
305679	Vcl	vinculin	GO:0006936	muscle contraction
360820	Pxn	paxillin	GO:0006936	muscle contraction
50685	Mrlc2,Mrlcb,Myl12b,Mylc2b	myosin, light chain 12B, regulatory	GO:0006936	muscle contraction
24261	Acrb,Chrn1,RNACRB1	cholinergic receptor, nicotinic, beta 1 (muscle)	GO:0048747	muscle fiber development
307350	Afg3l2,MGC109579	AFG3(ATPase family gene 3)-like 2 (yeast)	GO:0048747	muscle fiber development
58942	Cacnb4	calcium channel, voltage-dependent, beta 4 subunit	GO:0048747	muscle fiber development
170851	Map2k1,Mek1	mitogen activated protein kinase kinase 1	GO:0002756	MyD88-independent toll-like receptor signaling pathway
299827	Tbk1	TANK-binding kinase 1	GO:0002756	MyD88-independent toll-like receptor signaling pathway
303200	Map2k3	mitogen activated protein kinase kinase 3	GO:0002756	MyD88-independent toll-like receptor signaling pathway
306886	Ripk1	receptor (TNFRSF)-interacting serine-threonine kinase 1	GO:0002756	MyD88-independent toll-like receptor signaling pathway
313121	Map3k7,Tak1	mitogen activated protein kinase kinase kinase 7	GO:0002756	MyD88-independent toll-like receptor signaling pathway
315305	Atf-1,Atf1	activating transcription factor 1	GO:0002756	MyD88-independent toll-like receptor signaling pathway
364867	Ticam2	toll-like receptor adaptor molecule 2	GO:0002756	MyD88-independent toll-like receptor signaling pathway
50658	Mapk9,SAPK	mitogen-activated protein kinase 9	GO:0002756	MyD88-independent toll-like receptor signaling pathway
81649	CRK1,CSBP,CSPB1,Csbp1,Csb	mitogen activated protein kinase 14	GO:0002756	MyD88-independent toll-like receptor signaling pathway
84351	AIM-1,IKK2,Ikbkb	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta	GO:0002756	MyD88-independent toll-like receptor signaling pathway
116654	ALR2,Exoc4,Sec8,Sec8l1	exocyst complex component 4	GO:0043209	myelin sheath
170907	Serinc5,Tpo1	serine incorporator 5	GO:0043209	myelin sheath
24224	Bcl-2,Bcl2	B-cell CLL/lymphoma 2	GO:0043209	myelin sheath
24950	MGC156498,S5AR 1,Srd5a1	steroid-5-alpha-reductase, alpha polypeptide 1 (3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha 1)	GO:0043209	myelin sheath
25356	Cntn2,TAG-1,TAG-564,TAG1	contactin 2 (axonal)	GO:0043209	myelin sheath
64521	Tspan-2,Tspan2	tetraspanin 2	GO:0043209	myelin sheath
81678	Itpr2	inositol 1,4,5-triphosphate receptor, type 2	GO:0043209	myelin sheath
114634	Six1	SIX homeobox 1	GO:0051451	myoblast migration
299138	Six4	SIX homeobox 4	GO:0051451	myoblast migration
192126	DIP1/2,Dab2ip	DAB2 interacting protein	GO:0035414	negative regulation of catenin import into nucleus
299611	Apc2	adenomatosis polyposis coli 2	GO:0035414	negative regulation of catenin import into nucleus
58868	Fzd1	frizzled homolog 1 (Drosophila)	GO:0035414	negative regulation of catenin import into nucleus
192181	PC,PCLP-1,Podxl,podocalyxin	podocalyxin-like	GO:0007162	negative regulation of cell adhesion

192248	Cdh13,Cdht,MGC93172,T-ca	cadherin 13
25237	Acvr11,MGC91691,R-3,R3,SE	activin A receptor type II-like 1
314028	Cbll1	Cas-Br-M (murine) ecotropic retroviral transforming sequence-like 1
81686	Mmp2	matrix metalloproteinase 2
24592	Nf1	neurofibromin 1
303836	Bcl6	B-cell CLL/lymphoma 6
313339	Acer2,Asah3l	alkaline ceramidase 2
24695	PLP,Pthlh	parathyroid hormone-like hormone
304729	Gli2	GLI family zinc finger 2
305604	Efemp1,T16	EGF-containing fibulin-like extracellular matrix protein 1
192126	DIP1/2,Dab2ip	DAB2 interacting protein
24592	Nf1	neurofibromin 1
24842	MGC112612,Trp53,Trp53,p53	tumor protein p53
25008	Lta,Tnfb	lymphotoxin alpha (TNF superfamily, member 1)
304074	Morc3,Zcwc3	MORC family CW-type zinc finger 3
25237	Acvr11,MGC91691,R-3,R3,SE	activin A receptor type II-like 1
81707	Mmp14,Mt1-mmp	matrix metalloproteinase 14 (membrane-inserted)
192126	DIP1/2,Dab2ip	DAB2 interacting protein
24592	Nf1	neurofibromin 1
25675	3H3M,Hmgcr	3-hydroxy-3-methylglutaryl-Coenzyme A reductase
294981	Spry1	sprouty homolog 1, antagonist of FGF signaling (Drosophila)
361813	MGC109574,Stk38	serine/threonine kinase 38
65038	Inpp1,Ship2	inositol polyphosphate phosphatase-like 1
85272	BMP-7,Bmp7	bone morphogenetic protein 7
25248	Cnr11,SKR6R	cannabinoid receptor 1 (brain)
57302	CB2,Cnr2	cannabinoid receptor 2 (macrophage)
114514	Clasp2	cytoplasmic linker associated protein 2
25152	Map1a,Mtap1a	microtubule-associated protein 1A
29456	Map1b,Mtap1b	microtubule-associated protein 1B
367171	Map4,Mtap4	microtubule-associated protein 4
58964	Nm23-R6,Nme6	non-metastatic cells 6, protein expressed in (nucleoside-diphosphate kinase)
85272	BMP-7,Bmp7	bone morphogenetic protein 7
24592	Nf1	neurofibromin 1
79123	Accn2,Asic1	amiloride-sensitive cation channel 2, neuronal
24592	Nf1	neurofibromin 1
29246	Scip,Stmn3	stathmin-like 3
287543	Edp1,Tnfaip1	tumor necrosis factor, alpha-induced protein 1 (endothelial)
293497	Kctd13	potassium channel tetramerisation domain containing 13
301555	Cul3,MGC189292	cullin 3
303836	Bcl6	B-cell CLL/lymphoma 6
25558	ANC18HA,Munc18-1,NSEC1A	syntaxin binding protein 1
57302	CB2,Cnr2	cannabinoid receptor 2 (macrophage)
79212	Gab1,Slc6a1	solute carrier family 6 (neurotransmitter transporter, GABA), member 1
288905	IL27ra	interleukin 27 receptor, alpha
303836	Bcl6	B-cell CLL/lymphoma 6
171458	Impk,lpk2,lpmk	inositol polyphosphate multikinase
304486	RGD1566266,Tctn1	tectonic family member 1
313121	Map3k7,Tak1	mitogen activated protein kinase kinase kinase 7
64044	Casp8	caspase 8
116658	Axcam,Big-2,Cntn4	contactin 4
170845	NUDE2,Ndel1,Nudel	nudE nuclear distribution gene E homolog (A. nidulans)-like 1
25097	Pld2,Pldc	phospholipase D2
25356	Cntn2,TAG-1,TAG-564,TAG1	contactin 2 (axonal)
25459	Ac2-008,Hmg1,Hmgb11,MG1	high mobility group box 1

GO:0007162	negative regulation of cell adhesion
GO:0007162	negative regulation of cell adhesion
GO:0007162	negative regulation of cell adhesion
GO:0007162	negative regulation of cell adhesion
GO:0001953	negative regulation of cell-matrix adhesion
GO:0001953	negative regulation of cell-matrix adhesion
GO:0001953	negative regulation of cell-matrix adhesion
GO:0032331	negative regulation of chondrocyte differentiation
GO:0032331	negative regulation of chondrocyte differentiation
GO:0032331	negative regulation of chondrocyte differentiation
GO:0048147	negative regulation of fibroblast proliferation
GO:0048147	negative regulation of fibroblast proliferation
GO:0048147	negative regulation of fibroblast proliferation
GO:0048147	negative regulation of fibroblast proliferation
GO:0051895	negative regulation of focal adhesion assembly
GO:0051895	negative regulation of focal adhesion assembly
GO:0043407	negative regulation of MAP kinase activity
GO:0043407	negative regulation of MAP kinase activity
GO:0043407	negative regulation of MAP kinase activity
GO:0043407	negative regulation of MAP kinase activity
GO:0043407	negative regulation of MAP kinase activity
GO:0043407	negative regulation of MAP kinase activity
GO:0033004	negative regulation of mast cell activation
GO:0033004	negative regulation of mast cell activation
GO:0007026	negative regulation of microtubule depolymerization
GO:0007026	negative regulation of microtubule depolymerization
GO:0007026	negative regulation of microtubule depolymerization
GO:0007026	negative regulation of microtubule depolymerization
GO:0045839	negative regulation of mitosis
GO:0045839	negative regulation of mitosis
GO:0046929	negative regulation of neurotransmitter secretion
GO:0046929	negative regulation of neurotransmitter secretion
GO:0035021	negative regulation of Rac protein signal transduction
GO:0035021	negative regulation of Rac protein signal transduction
GO:0035024	negative regulation of Rho protein signal transduction
GO:0035024	negative regulation of Rho protein signal transduction
GO:0035024	negative regulation of Rho protein signal transduction
GO:0035024	negative regulation of Rho protein signal transduction
GO:0032229	negative regulation of synaptic transmission; GABAergic
GO:0032229	negative regulation of synaptic transmission; GABAergic
GO:0032229	negative regulation of synaptic transmission; GABAergic
GO:0002829	negative regulation of type 2 immune response
GO:0002829	negative regulation of type 2 immune response
GO:0001841	neural tube formation
GO:0001841	neural tube formation
GO:0001841	neural tube formation
GO:0001841	neural tube formation
GO:0031175	neuron projection development
GO:0031175	neuron projection development
GO:0031175	neuron projection development
GO:0031175	neuron projection development
GO:0031175	neuron projection development

29246	Sclip,Stmn3	stathmin-like 3	GO:0031175	neuron projection development
304537	Ccdc64,RGD1310292	coiled-coil domain containing 64	GO:0031175	neuron projection development
312563	Prickle2	prickle homolog 2 (Drosophila)	GO:0031175	neuron projection development
360827	Ulk1	Unc-51 like kinase 1 (C. elegans)	GO:0031175	neuron projection development
50658	Mapk9,SAPK	mitogen-activated protein kinase 9	GO:0031175	neuron projection development
81515	Lyn	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	GO:0031175	neuron projection development
497815	Nrcam	neuronal cell adhesion molecule	GO:0019227	neuronal action potential propagation
58942	Cacnb4	calcium channel, voltage-dependent, beta 4 subunit	GO:0019227	neuronal action potential propagation
81574	Scn1a	sodium channel, voltage-gated, type I, alpha	GO:0019227	neuronal action potential propagation
140595	Gir,Gpr83	G protein-coupled receptor 83	GO:0004983	neuropeptide Y receptor activity
29358	MGC109393,NPY-1,Npy1r	neuropeptide Y receptor Y1	GO:0004983	neuropeptide Y receptor activity
500157	RGD1560028	similar to RIKEN cDNA C130060K24 gene	GO:0004983	neuropeptide Y receptor activity
24224	Bcl-2,Bcl2	B-cell CLL/lymphoma 2	GO:0048599	oocyte development
25196	Inhbb	inhibin beta-B	GO:0048599	oocyte development
114634	Six1	SIX homeobox 1	GO:0001759	organ induction
25317	Fgf1,HBGF-1,HBGF1	fibroblast growth factor 1	GO:0001759	organ induction
294981	Spry1	sprouty homolog 1, antagonist of FGF signaling (Drosophila)	GO:0001759	organ induction
314850	Frs2	fibroblast growth factor receptor substrate 2	GO:0001759	organ induction
29358	MGC109393,NPY-1,Npy1r	neuropeptide Y receptor Y1	GO:0003151	outflow tract morphogenesis
296787	MGC189535,Sema3c	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3C	GO:0003151	outflow tract morphogenesis
312936	Sox17	SRY (sex determining region Y)-box 17	GO:0003151	outflow tract morphogenesis
58868	Fzd1	frizzled homolog 1 (Drosophila)	GO:0003151	outflow tract morphogenesis
140583	Chek1	CHK1 checkpoint homolog (S. pombe)	04115	p53 signaling pathway
24482	Igf1	insulin-like growth factor 1	04115	p53 signaling pathway
24842	MGC112612,Tp53,Trp53,p53	tumor protein p53	04115	p53 signaling pathway
25729	CYCLE,Ccne,Ccne1	cyclin E1	04115	p53 signaling pathway
29157	Ccng2	cyclin G2	04115	p53 signaling pathway
292949	Perp	PERP, TP53 apoptosis effector	04115	p53 signaling pathway
300514	Ei24,MGC112713	etoposide induced 2.4 mRNA	04115	p53 signaling pathway
314856	Mdm2	Mdm2 p53 binding protein homolog (mouse)	04115	p53 signaling pathway
360860	Cop1,MGC109175,RGD1304	ring finger and WD repeat domain 2	04115	p53 signaling pathway
362485	Ccne2	cyclin E2	04115	p53 signaling pathway
64044	Casp8	caspase 8	04115	p53 signaling pathway
64394	PAG608,Wig1,Zmat3	zinc finger, matrin type 3	04115	p53 signaling pathway
83628	Cd82,Kai1	Cd82 molecule	04115	p53 signaling pathway
94201	Cdk4	cyclin-dependent kinase 4	04115	p53 signaling pathway
29610	Tgfbr3,betaglycan	transforming growth factor, beta receptor III	GO:0060389	pathway-restricted SMAD protein phosphorylation
81809	Tgfb2	transforming growth factor, beta 2	GO:0060389	pathway-restricted SMAD protein phosphorylation
85272	BMP-7,Bmp7	bone morphogenetic protein 7	GO:0060389	pathway-restricted SMAD protein phosphorylation
24377	G6pd,G6pdx	glucose-6-phosphate dehydrogenase	GO:0006098	pentose-phosphate shunt
24849	MGC156639,Tpi,Tpi1	triosephosphate isomerase 1	GO:0006098	pentose-phosphate shunt
298655	H6pd	hexose-6-phosphate dehydrogenase (glucose 1-dehydrogenase)	GO:0006098	pentose-phosphate shunt
362383	Rpia	ribose 5-phosphate isomerase A	GO:0006098	pentose-phosphate shunt
501157	Rpe2,MGC124653	ribulose-5-phosphate-3-epimerase	GO:0006098	pentose-phosphate shunt
362383	Rpia	ribose 5-phosphate isomerase A	GO:0009052	pentose-phosphate shunt; non-oxidative branch
501157	Rpe2,MGC124653	ribulose-5-phosphate-3-epimerase	GO:0009052	pentose-phosphate shunt; non-oxidative branch
171305	Clk3	CDC-like kinase 3	GO:0018108	peptidyl-tyrosine phosphorylation
24629	Pdgfrb	platelet derived growth factor receptor, beta polypeptide	GO:0018108	peptidyl-tyrosine phosphorylation
24918	Stat5,Stat5a	signal transducer and activator of transcription 5A	GO:0018108	peptidyl-tyrosine phosphorylation
25267	APDGF,PDGF,PDGFRA,Pdgfra	platelet derived growth factor receptor, alpha polypeptide	GO:0018108	peptidyl-tyrosine phosphorylation
305604	Efemp1,T16	EGF-containing fibulin-like extracellular matrix protein 1	GO:0018108	peptidyl-tyrosine phosphorylation
308937	MGC105683,Wee1	wee 1 homolog (S. pombe)	GO:0018108	peptidyl-tyrosine phosphorylation
360820	Pxn	paxillin	GO:0018108	peptidyl-tyrosine phosphorylation
365842	Clk2	CDC-like kinase 2	GO:0018108	peptidyl-tyrosine phosphorylation

24316	D1a,Drd-1,Drd11,Drd1a	dopamine receptor D1A	GO:0051281	positive regulation of release of sequestered calcium ion into cytosol
24326	ENDOR,Ednra1,Eta,RATEND	endothelin receptor type A	GO:0051281	positive regulation of release of sequestered calcium ion into cytosol
25439	F2r,MGC93622,Par1,TRGPC	coagulation factor II (thrombin) receptor	GO:0051281	positive regulation of release of sequestered calcium ion into cytosol
29219	MGC105443,Snca	synuclein, alpha (non A4 component of amyloid precursor)	GO:0051281	positive regulation of release of sequestered calcium ion into cytosol
24224	Bcl-2,Bcl2	B-cell CLL/lymphoma 2	GO:0014911	positive regulation of smooth muscle cell migration
24482	Igf1	insulin-like growth factor 1	GO:0014911	positive regulation of smooth muscle cell migration
25205	Ac1055,Gp130,Il-6rb,Il6st	interleukin 6 signal transducer	GO:0014911	positive regulation of smooth muscle cell migration
25459	Ac2-008,Hmg1,Hmgb11,MGT	high mobility group box 1	GO:0014911	positive regulation of smooth muscle cell migration
25584	F31,MGC93621	coagulation factor III (thromboplastin, tissue factor)	GO:0014911	positive regulation of smooth muscle cell migration
114901	Argbp2,Sorbs2	sorbin and SH3 domain containing 2	GO:0014069	postsynaptic density
116654	ALR2,Exoc4,Sec8,Sec8l1	exocyst complex component 4	GO:0014069	postsynaptic density
171093	CortBP1,ProSAP1,Shank2,Sp	SH3 and multiple ankyrin repeat domains 2	GO:0014069	postsynaptic density
24414	Gprc1a,Grm1	glutamate receptor, metabotropic 1	GO:0014069	postsynaptic density
24416	Grm3,mGluR3	glutamate receptor, metabotropic 3	GO:0014069	postsynaptic density
24592	Nf1	neurofibromin 1	GO:0014069	postsynaptic density
25369	A2ar,ADENO,Adora2a,Adora	adenosine A2a receptor	GO:0014069	postsynaptic density
25687	Cald1	caldesmon 1	GO:0014069	postsynaptic density
293056	Cpeb1	cytoplasmic polyadenylation element binding protein 1	GO:0014069	postsynaptic density
29456	Map1b,Mtap1b	microtubule-associated protein 1B	GO:0014069	postsynaptic density
29629	GluA4,GluR-D,GluR4,Gria4	glutamate receptor, ionotropic, AMPA 4	GO:0014069	postsynaptic density
59312	Prosap2,Shank3	SH3 and multiple ankyrin repeat domains 3	GO:0014069	postsynaptic density
60355	Nsf	N-ethylmaleimide-sensitive factor	GO:0014069	postsynaptic density
65180	Kcnd2,Kv4.2,RK5,Shal1	potassium voltage-gated channel, Shal-related subfamily, member 2	GO:0014069	postsynaptic density
79220	Grid2	glutamate receptor, ionotropic, delta 2	GO:0014069	postsynaptic density
81515	Lyn	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	GO:0014069	postsynaptic density
83527	Dbnl,Sh3p7	drebrin-like	GO:0014069	postsynaptic density
84016	Grip1	glutamate receptor interacting protein 1	GO:0014069	postsynaptic density
170851	Map2k1,Mek1	mitogen activated protein kinase kinase 1	05020	Prion diseases
24237	C6	complement component 6	05020	Prion diseases
24493	IL-1 alpha,Il1a	interleukin 1 alpha	05020	Prion diseases
288280	Ncam2,OCAM-GPI,Ocam	neural cell adhesion molecule 2	05020	Prion diseases
298288	C8a	complement component 8, alpha polypeptide	05020	Prion diseases
313421	C8b	complement component 8, beta polypeptide	05020	Prion diseases
362634	C1qc,C1qg,MGC105681	complement component 1, q subcomponent, C chain	05020	Prion diseases
114494	Ccna2,MGC156527	cyclin A2	04914	Progesterone-mediated oocyte maturation
170851	Map2k1,Mek1	mitogen activated protein kinase kinase 1	04914	Progesterone-mediated oocyte maturation
170911	MGC116320,Pik3ca	phosphoinositide-3-kinase, catalytic, alpha polypeptide	04914	Progesterone-mediated oocyte maturation
24482	Igf1	insulin-like growth factor 1	04914	Progesterone-mediated oocyte maturation
25154	Pgr	progesterone receptor	04914	Progesterone-mediated oocyte maturation
291689	Cdc23	CDC23 (cell division cycle 23, yeast, homolog)	04914	Progesterone-mediated oocyte maturation
293056	Cpeb1	cytoplasmic polyadenylation element binding protein 1	04914	Progesterone-mediated oocyte maturation
29513	MGC124619,Mapk13,Prkm1	mitogen activated protein kinase 13	04914	Progesterone-mediated oocyte maturation
296137	Bub1	budding uninhibited by benzimidazoles 1 homolog (S. cerevisiae)	04914	Progesterone-mediated oocyte maturation
299331	Hsp86,Hsp90,Hsp90aa1,Hspx	heat shock protein 90, alpha (cytosolic), class A member 1	04914	Progesterone-mediated oocyte maturation
311412	Anapc1	anaphase promoting complex subunit 1	04914	Progesterone-mediated oocyte maturation
360643	Cdc27	cell division cycle 27 homolog (S. cerevisiae)	04914	Progesterone-mediated oocyte maturation
498030	Anapc11,RGD1561880	anaphase promoting complex subunit 11	04914	Progesterone-mediated oocyte maturation
50658	Mapk9,SAPK	mitogen-activated protein kinase 9	04914	Progesterone-mediated oocyte maturation
81649	CRK1,CSBP,CSPB1,Csbp1,Csb	mitogen activated protein kinase 14	04914	Progesterone-mediated oocyte maturation
170851	Map2k1,Mek1	mitogen activated protein kinase kinase 1	05215	Prostate cancer
170911	MGC116320,Pik3ca	phosphoinositide-3-kinase, catalytic, alpha polypeptide	05215	Prostate cancer
24224	Bcl-2,Bcl2	B-cell CLL/lymphoma 2	05215	Prostate cancer
24482	Igf1	insulin-like growth factor 1	05215	Prostate cancer
24629	Pdgfrb	platelet derived growth factor receptor, beta polypeptide	05215	Prostate cancer

24326	ENDOR,Ednra1,Eta,RATEND	endothelin receptor type A	GO:0004872	receptor activity
24414	Gprc1a,Grm1	glutamate receptor, metabotropic 1	GO:0004872	receptor activity
24415	Grm2	glutamate receptor, metabotropic 2	GO:0004872	receptor activity
24416	Grm3,mGluR3	glutamate receptor, metabotropic 3	GO:0004872	receptor activity
246116	Ptpn4	protein tyrosine phosphatase, non-receptor type 4	GO:0004872	receptor activity
24629	Pdgfrb	platelet derived growth factor receptor, beta polypeptide	GO:0004872	receptor activity
24684	MGC105486,Prlr,RATPRLR	prolactin receptor	GO:0004872	receptor activity
24934	Klrk1,NKG2D,Nkrp2	killer cell lectin-like receptor subfamily K, member 1	GO:0004872	receptor activity
25110	Cd94,Klr1d1	killer cell lectin-like receptor, subfamily D, member 1	GO:0004872	receptor activity
25205	Ac1055,Gp130,Il-6rb,Il6st	interleukin 6 signal transducer	GO:0004872	receptor activity
25237	Acvr11,MGC91691,R-3,R3,SE	activin A receptor type II-like 1	GO:0004872	receptor activity
25248	Cnr11,SKR6R	cannabinoid receptor 1 (brain)	GO:0004872	receptor activity
25267	APDGFR,PDGFACE,Pdgfra	platelet derived growth factor receptor, alpha polypeptide	GO:0004872	receptor activity
25369	A2ar,ADENO,Adora2a,Adora	adenosine A2a receptor	GO:0004872	receptor activity
25439	F2r,MGC93622,Par1,TRGPC	coagulation factor II (thrombin) receptor	GO:0004872	receptor activity
25505	P2XMR,P2rx1	purinergic receptor P2X, ligand-gated ion channel, 1	GO:0004872	receptor activity
25605	Hcrtr2	hypocretin (orexin) receptor 2	GO:0004872	receptor activity
25672	MCR,Mlr,Nr3c2	nuclear receptor subfamily 3, group C, member 2	GO:0004872	receptor activity
25696	Vldlr	very low density lipoprotein receptor	GO:0004872	receptor activity
25711	GCC,Gucy2c	guanylate cyclase 2C	GO:0004872	receptor activity
25747	PPAR,Ppara	peroxisome proliferator activated receptor alpha	GO:0004872	receptor activity
286981	Vom2r32	vomeroneasal 2 receptor, 32	GO:0004872	receptor activity
288905	Il27ra	interleukin 27 receptor, alpha	GO:0004872	receptor activity
289810	C1d1,MGC188504,RGD1560	C1D nuclear receptor co-repressor	GO:0004872	receptor activity
29216	Lrp2	low density lipoprotein-related protein 2	GO:0004872	receptor activity
29336	Oprs1,Sigmar1	sigma non-opioid intracellular receptor 1	GO:0004872	receptor activity
293546	Gprc5b	G protein-coupled receptor, family C, group 5, member B	GO:0004872	receptor activity
29358	MGC109393,NPY-1,Npy1r	neuropeptide Y receptor Y1	GO:0004872	receptor activity
294043	Sorcs3	sortilin-related VPS10 domain containing receptor 3	GO:0004872	receptor activity
294075	Gpr120	G protein-coupled receptor 120	GO:0004872	receptor activity
29415	Edg5,GPCR18,Gpcr13,H218,	sphingosine-1-phosphate receptor 2	GO:0004872	receptor activity
29591	MGC93659,Tgfr1	transforming growth factor, beta receptor 1	GO:0004872	receptor activity
29629	GluA4,GluR-D,GluR4,Gria4	glutamate receptor, ionotropic, AMPA 4	GO:0004872	receptor activity
29636	F2r12,PAR3	coagulation factor II (thrombin) receptor-like 2	GO:0004872	receptor activity
296787	MGC189535,Sema3c	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3C	GO:0004872	receptor activity
29705	Gabra1	gamma-aminobutyric acid (GABA) A receptor, alpha 1	GO:0004872	receptor activity
298944	Gpr22	G protein-coupled receptor 22	GO:0004872	receptor activity
299802	Gpr49,Lgr5	leucine rich repeat containing G protein coupled receptor 5	GO:0004872	receptor activity
300950	RGD1562307,Spsb4	splA/ryanodine receptor domain and SOCS box containing 4	GO:0004872	receptor activity
301372	Gpr45	G protein-coupled receptor 45	GO:0004872	receptor activity
304157	Nrip1,RIP140	nuclear receptor interacting protein 1	GO:0004872	receptor activity
305880	Lrp10,MGC124814	low-density lipoprotein receptor-related protein 10	GO:0004872	receptor activity
306764	Nsd1	nuclear receptor binding SET domain protein 1	GO:0004872	receptor activity
306790	Sema4d	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain,	GO:0004872	receptor activity
306886	Ripk1	receptor (TNFRSF)-interacting serine-threonine kinase 1	GO:0004872	receptor activity
311384	Sema6d	sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6D	GO:0004872	receptor activity
311730	Gpr155	G protein-coupled receptor 155	GO:0004872	receptor activity
311857	Gpr107	G protein-coupled receptor 107	GO:0004872	receptor activity
311911	Gpr211,Rabgap1	RAB GTPase activating protein 1	GO:0004872	receptor activity
314850	Frs2	fibroblast growth factor receptor substrate 2	GO:0004872	receptor activity
315217	Plxnb2	plexin B2	GO:0004872	receptor activity
315548	MGC124867,Srpr	signal recognition particle receptor ('docking protein')	GO:0004872	receptor activity
316256	Tnfrsf21	tumor necrosis factor receptor superfamily, member 21	GO:0004872	receptor activity
360417	Ptpqr,rPTP-GMC1	protein tyrosine phosphatase, receptor type, Q	GO:0004872	receptor activity

360697	Ifngr2	interferon gamma receptor 2	GO:0004872	receptor activity
361233	Ssr1	signal sequence receptor, alpha	GO:0004872	receptor activity
361764	Sema4g	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain,	GO:0004872	receptor activity
362384	RGD1305230,Reep1	receptor accessory protein 1	GO:0004872	receptor activity
362393	Antxr1	anthrax toxin receptor 1	GO:0004872	receptor activity
363013	RGD1305625,Tmem123	transmembrane protein 123	GO:0004872	receptor activity
364786	RGD1564327	similar to integrin alpha 8	GO:0004872	receptor activity
365755	RGD1560053,Tbl1xr1	transducin (beta)-like 1 X-linked receptor 1	GO:0004872	receptor activity
393085	Pcdha1,rCNRv01	protocadherin alpha 1	GO:0004872	receptor activity
393088	Pcdha6,rCNRv06	protocadherin alpha 6	GO:0004872	receptor activity
393089	Pcdha7,rCNRv07	protocadherin alpha 7	GO:0004872	receptor activity
393090	Pcdha9,rCNRv09	protocadherin alpha 9	GO:0004872	receptor activity
444986	Crf2-s1,Il22ra2	interleukin 22 receptor, alpha 2	GO:0004872	receptor activity
497991	Med1,RGD1559552	mediator complex subunit 1	GO:0004872	receptor activity
499264	Apob48r,RGD1565169	apolipoprotein B48 receptor	GO:0004872	receptor activity
57302	CB2,Cnr2	cannabinoid receptor 2 (macrophage)	GO:0004872	receptor activity
59076	Gprk6,Grk6	G protein-coupled receptor kinase 6	GO:0004872	receptor activity
60669	Cmklr1	chemokine-like receptor 1	GO:0004872	receptor activity
64020	Gpr85,MGC105281,Srep2	G protein-coupled receptor 85	GO:0004872	receptor activity
64154	Gosr2	golgi SNAP receptor complex member 2	GO:0004872	receptor activity
64678	Tfrc,Trfr	transferrin receptor	GO:0004872	receptor activity
78958	Bcam,Lu	basal cell adhesion molecule	GO:0004872	receptor activity
79208	Els1,Epha5	EphA5	GO:0004872	receptor activity
79220	Grid2	glutamate receptor, ionotropic, delta 2	GO:0004872	receptor activity
81638	AT12,Agtr12,AT1B,AT3,AT<s	angiotensin II receptor, type 1b	GO:0004872	receptor activity
83469	Lrp4,Megf7	low density lipoprotein receptor-related protein 4	GO:0004872	receptor activity
84016	Grip1	glutamate receptor interacting protein 1	GO:0004872	receptor activity
84422	Gfra3	GDNF family receptor alpha 3	GO:0004872	receptor activity
89804	Tek,Tie-2,Tie2	TEK tyrosine kinase, endothelial	GO:0004872	receptor activity
94202	Pcptp1,Ptprr	protein tyrosine phosphatase, receptor type, R	GO:0004872	receptor activity
295457	Cisd2,RGD1566242	CDGSH iron sulfur domain 2	GO:0010506	regulation of autophagy
360827	Ulk1	Unc-51 like kinase 1 (C. elegans)	GO:0010506	regulation of autophagy
117020	Mcf2l,Ost,mcf 2l	MCF.2 cell line derived transforming sequence-like	GO:0050790	regulation of catalytic activity
117514	MGC94673,Txnip,Vdup1	thioredoxin interacting protein	GO:0050790	regulation of catalytic activity
24224	Bcl-2,Bcl2	B-cell CLL/lymphoma 2	GO:0050790	regulation of catalytic activity
24679	MGC116401,Prkar2b,RATDN	protein kinase, cAMP dependent regulatory, type II beta	GO:0050790	regulation of catalytic activity
24842	MGC112612,Tp53,Trp53,p53	tumor protein p53	GO:0050790	regulation of catalytic activity
25459	Ac2-008,Hmg1,Hmgb11,MG	high mobility group box 1	GO:0050790	regulation of catalytic activity
25729	CYCLE,Ccne,Ccne1	cyclin E1	GO:0050790	regulation of catalytic activity
259237	Dock9,Trg	dedicator of cytokinesis 9	GO:0050790	regulation of catalytic activity
282838	Gm2a	GM2 ganglioside activator	GO:0050790	regulation of catalytic activity
287418	Arhgef15	Rho guanine nucleotide exchange factor (GEF) 15	GO:0050790	regulation of catalytic activity
299331	Hsp86,Hsp90,Hsp90aa1,Hsp	heat shock protein 90, alpha (cytosolic), class A member 1	GO:0050790	regulation of catalytic activity
304109	Tiam1	T-cell lymphoma invasion and metastasis 1	GO:0050790	regulation of catalytic activity
304537	Ccdc64,RGD1310292	coiled-coil domain containing 64	GO:0050790	regulation of catalytic activity
361396	RGD1311587,Ranbp10	RAN binding protein 10	GO:0050790	regulation of catalytic activity
362485	Ccne2	cyclin E2	GO:0050790	regulation of catalytic activity
58961	Azin1,Oazi,Oazin	antizyme inhibitor 1	GO:0050790	regulation of catalytic activity
81821	Dgkz	diacylglycerol kinase zeta	GO:0050790	regulation of catalytic activity
24224	Bcl-2,Bcl2	B-cell CLL/lymphoma 2	GO:0001952	regulation of cell-matrix adhesion
24592	Nf1	neurofibromin 1	GO:0001952	regulation of cell-matrix adhesion
25231	Hnf6,Onecut1	one cut homeobox 1	GO:0001952	regulation of cell-matrix adhesion
303200	Map2k3	mitogen activated protein kinase kinase 3	GO:0042035	regulation of cytokine biosynthetic process
303212	Zfp287,Znf287	zinc finger protein 287	GO:0042035	regulation of cytokine biosynthetic process

192204	Ehd4,MGC91469,Past2	EH-domain containing 4	GO:0030100	regulation of endocytosis
192248	Cdh13,Cdht,MGC93172,T-ca	cadherin 13	GO:0030100	regulation of endocytosis
287709	Rab5c	RAB5C, member RAS oncogene family	GO:0030100	regulation of endocytosis
314349	RGD1311502,Ston2	stonin 2	GO:0030100	regulation of endocytosis
64531	Omp25,Synj2bp	synaptojanin 2 binding protein	GO:0030100	regulation of endocytosis
114090	Egr2,Krox20	early growth response 2	GO:0048168	regulation of neuronal synaptic plasticity
25356	Cntn2,TAG-1,TAG-564,TAG1,	contactin 2 (axonal)	GO:0048168	regulation of neuronal synaptic plasticity
25393	ALPBRE,Bcan	brevican	GO:0048168	regulation of neuronal synaptic plasticity
25742	MGC93559,S100P,S100b	S100 calcium binding protein B	GO:0048168	regulation of neuronal synaptic plasticity
29219	MGC105443,Snca	synuclein, alpha (non A4 component of amyloid precursor)	GO:0048168	regulation of neuronal synaptic plasticity
293056	Cpeb1	cytoplasmic polyadenylation element binding protein 1	GO:0048168	regulation of neuronal synaptic plasticity
291309	Usp6nl	USP6 N-terminal like	GO:0032313	regulation of Rab GTPase activity
295446	RGD1307816,Tbck,Tbckl	TBC1 domain containing kinase	GO:0032313	regulation of Rab GTPase activity
311911	Gpr211,Rabgap1	RAB GTPase activating protein 1	GO:0032313	regulation of Rab GTPase activity
313234	Tbc1d2	TBC1 domain family, member 2	GO:0032313	regulation of Rab GTPase activity
315880	RGD1307436,Tbc1d2b	TBC1 domain family, member 2B	GO:0032313	regulation of Rab GTPase activity
360956	MGC124676,SRF-2,Tbc1d14	TBC1 domain family, member 14	GO:0032313	regulation of Rab GTPase activity
361227	Tbc1d7	TBC1 domain family, member 7	GO:0032313	regulation of Rab GTPase activity
361697	RGD1311490,Tbc1d10c	TBC1 domain family, member 10C	GO:0032313	regulation of Rab GTPase activity
140583	Chek1	CHK1 checkpoint homolog (S. pombe)	GO:0033261	regulation of S phase
360908	Cdc7	cell division cycle 7 homolog (S. cerevisiae)	GO:0033261	regulation of S phase
54244	RTS2,CBP,Crebbp,RSTS	CREB binding protein	GO:0033261	regulation of S phase
681062	MGC187387,Slbp	stem-loop binding protein	GO:0033261	regulation of S phase
24592	Nf1	neurofibromin 1	GO:0032228	regulation of synaptic transmission; GABAergic
25248	Cnr11,SKR6R	cannabinoid receptor 1 (brain)	GO:0032228	regulation of synaptic transmission; GABAergic
289584	RGD1564808,Usp46	ubiquitin specific peptidase 46	GO:0032228	regulation of synaptic transmission; GABAergic
24414	Gprc1a,Grm1	glutamate receptor, metabotropic 1	GO:0051966	regulation of synaptic transmission; glutamatergic
24415	Grm2	glutamate receptor, metabotropic 2	GO:0051966	regulation of synaptic transmission; glutamatergic
25248	Cnr11,SKR6R	cannabinoid receptor 1 (brain)	GO:0051966	regulation of synaptic transmission; glutamatergic
313978	E2f6	E2F transcription factor 6	GO:0000083	regulation of transcription involved in G1/S phase of mitotic cell cycle
315666	Npat	nuclear protein, ataxia-telangiectasia locus	GO:0000083	regulation of transcription involved in G1/S phase of mitotic cell cycle
117526	MGC93994,TFIID,Tbp	TATA box binding protein	GO:0070491	repressing transcription factor binding
25336	CBF-B,CBFB,MGC108654,Nfy	nuclear transcription factor-Y beta	GO:0070491	repressing transcription factor binding
25459	Ac2-008,Hmg1,Hmgb11,MG	high mobility group box 1	GO:0070491	repressing transcription factor binding
300266	Cbx5	chromobox homolog 5 (HP1 alpha homolog, Drosophila)	GO:0070491	repressing transcription factor binding
79237	Hex,Hhex	hematopoietically expressed homeobox	GO:0070491	repressing transcription factor binding
24224	Bcl-2,Bcl2	B-cell CLL/lymphoma 2	GO:0031000	response to caffeine
24842	MGC112612,Tp53,Trp53,p53	tumor protein p53	GO:0031000	response to caffeine
25369	A2ar,ADENO,Adora2a,Adora	adenosine A2a receptor	GO:0031000	response to caffeine
25615	HSPG2,Sdc2	syndecan 2	GO:0031000	response to caffeine
24356	Ets-11,Ets1,Etoncb,MGC124	v-ets erythroblastosis virus E26 oncogene homolog 1 (avian)	GO:0034616	response to laminar fluid shear stress
290834	Adam9,MDC9	ADAM metallopeptidase domain 9 (meltrin gamma)	GO:0034616	response to laminar fluid shear stress
81809	Tgfb2	transforming growth factor, beta 2	GO:0034616	response to laminar fluid shear stress
24629	Pdgfrb	platelet derived growth factor receptor, beta polypeptide	GO:0032526	response to retinoic acid
24842	MGC112612,Tp53,Trp53,p53	tumor protein p53	GO:0032526	response to retinoic acid
29216	Lrp2	low density lipoprotein-related protein 2	GO:0032526	response to retinoic acid
293016	Map7,Mtap7	microtubule-associated protein 7	GO:0032526	response to retinoic acid
312890	Gdap1	ganglioside-induced differentiation-associated-protein 1	GO:0032526	response to retinoic acid
313339	Acer2,Asah3l	alkaline ceramidase 2	GO:0032526	response to retinoic acid
365842	Clk2	CDC-like kinase 2	GO:0032526	response to retinoic acid
414065	Nanog	Nanog homeobox	GO:0032526	response to retinoic acid
498299	Lefty1,RGD1561867	left right determination factor 1	GO:0032526	response to retinoic acid
64678	Tfrc,Trfr	transferrin receptor	GO:0032526	response to retinoic acid
81809	Tgfb2	transforming growth factor, beta 2	GO:0032526	response to retinoic acid

89804	Tek,Tie-2,Tie2	TEK tyrosine kinase, endothelial	GO:0032526	response to retinoic acid
24224	Bcl-2,Bcl2	B-cell CLL/lymphoma 2	GO:0009636	response to toxin
24629	Pdgfrb	platelet derived growth factor receptor, beta polypeptide	GO:0009636	response to toxin
25549	MNAT,Slc18a2,VMAT2	solute carrier family 18 (vesicular monoamine), member 2	GO:0009636	response to toxin
25711	GCC,Gucy2c	guanylate cyclase 2C	GO:0009636	response to toxin
29542	HCCNP,Pbp,Pebp1,Rkip	phosphatidylethanolamine binding protein 1	GO:0009636	response to toxin
29591	MGC93659,Tgfb1	transforming growth factor, beta receptor 1	GO:0009636	response to toxin
310392	Slc7a11	solute carrier family 7 (cationic amino acid transporter, y+ system), member 11	GO:0009636	response to toxin
314856	Mdm2	Mdm2 p53 binding protein homolog (mouse)	GO:0009636	response to toxin
50658	Mapk9,SAPK	mitogen-activated protein kinase 9	GO:0009636	response to toxin
78956	Nav1.7,PN1,Scn2a1,Scn9a	sodium channel, voltage-gated, type IX, alpha	GO:0009636	response to toxin
79212	Gabt1,Slc6a1	solute carrier family 6 (neurotransmitter transporter, GABA), member 1	GO:0009636	response to toxin
81515	Lyn	v-src-1 Yamaguchi sarcoma viral related oncogene homolog	GO:0009636	response to toxin
84351	AIM-1,IKK2,Ikbkb	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta	GO:0009636	response to toxin
94201	Cdk4	cyclin-dependent kinase 4	GO:0009636	response to toxin
304157	Nrip1,RIP140	nuclear receptor interacting protein 1	GO:0042974	retinoic acid receptor binding
306764	Nsd1	nuclear receptor binding SET domain protein 1	GO:0042974	retinoic acid receptor binding
497991	Med1,RGD1559552	mediator complex subunit 1	GO:0042974	retinoic acid receptor binding
499420	Hrmt1l1,Prmt2	protein arginine methyltransferase 2	GO:0042974	retinoic acid receptor binding
25317	Fgf1,HBGF-1,HBGF1	fibroblast growth factor 1	GO:0048155	S100 alpha binding
290527	Anxa11	annexin A11	GO:0048155	S100 alpha binding
29693	Atp2a2,Serca2,Sercaf1	ATPase, Ca++ transporting, cardiac muscle, slow twitch 2	GO:0048155	S100 alpha binding
24629	Pdgfrb	platelet derived growth factor receptor, beta polypeptide	GO:0048705	skeletal system morphogenesis
25267	APDGF,PDGF,PDGFRA	platelet derived growth factor receptor, alpha polypeptide	GO:0048705	skeletal system morphogenesis
292041	Wwox	WW domain-containing oxidoreductase	GO:0048705	skeletal system morphogenesis
293960	Zfand5,Zfp216	zinc finger, AN1-type domain 5	GO:0048705	skeletal system morphogenesis
29591	MGC93659,Tgfb1	transforming growth factor, beta receptor 1	GO:0048705	skeletal system morphogenesis
303399	Tbx4	T-box 4	GO:0048705	skeletal system morphogenesis
311130	Prkra	protein kinase, interferon inducible double stranded RNA dependent activator	GO:0048705	skeletal system morphogenesis
81686	Mmp2	matrix metalloproteinase 2	GO:0048705	skeletal system morphogenesis
25099	Foxa2,Hnf3b	forkhead box A2	GO:0046332	SMAD binding
25237	Acvrl1,MGC91691,R-3,R3,SE	activin A receptor type II-like 1	GO:0046332	SMAD binding
29591	MGC93659,Tgfb1	transforming growth factor, beta receptor 1	GO:0046332	SMAD binding
29610	Tgfb1,etgaglycan	transforming growth factor, beta receptor III	GO:0046332	SMAD binding
300054	Foxh1	forkhead box H1	GO:0046332	SMAD binding
303614	RGD1310067,Smurf2	SMAD specific E3 ubiquitin protein ligase 2	GO:0046332	SMAD binding
54244	RTS2,CBP,Crebbp,RSTS	CREB binding protein	GO:0046332	SMAD binding
24592	Nf1	neurofibromin 1	GO:0048745	smooth muscle tissue development
24629	Pdgfrb	platelet derived growth factor receptor, beta polypeptide	GO:0048745	smooth muscle tissue development
293960	Zfand5,Zfp216	zinc finger, AN1-type domain 5	GO:0048745	smooth muscle tissue development
308523	Tshz3,Zfp537	teashirt zinc finger homeobox 3	GO:0048745	smooth muscle tissue development
304733	Epb4.1l5,Epb4.1l5,MGC1095	erythrocyte protein band 4.1-like 5	GO:0032525	somite rostral/caudal axis specification
65165	MGC72390,Rnp24,Tmed2	transmembrane emp24 domain trafficking protein 2	GO:0032525	somite rostral/caudal axis specification
304729	Gli2	GLI family zinc finger 2	GO:0007382	specification of segmental identity; maxillary segment
307724	RGD1311099,Rpgrip1l	Rpgrip1-like	GO:0007382	specification of segmental identity; maxillary segment
191574	Akr1c14,Akr1c9	aldo-keto reductase family 1, member C14	GO:0016229	steroid dehydrogenase activity
289456	Dhrs8,Hsd17b11,MGC93725	hydroxysteroid (17-beta) dehydrogenase 11	GO:0016229	steroid dehydrogenase activity
299511	Rdh2,RoDHII	retinol dehydrogenase 2	GO:0016229	steroid dehydrogenase activity
25154	Pgr	progesterone receptor	GO:0043401	steroid hormone mediated signaling pathway
25672	MCR,Mlr,Nr3c2	nuclear receptor subfamily 3, group C, member 2	GO:0043401	steroid hormone mediated signaling pathway
25747	PPAR,Ppara	peroxisome proliferator activated receptor alpha	GO:0043401	steroid hormone mediated signaling pathway
85272	BMP-7,Bmp7	bone morphogenetic protein 7	GO:0043401	steroid hormone mediated signaling pathway
287543	Edp1,Tnfaip1	tumor necrosis factor, alpha-induced protein 1 (endothelial)	GO:0043149	stress fiber assembly
293497	Kctd13	potassium channel tetramerisation domain containing 13	GO:0043149	stress fiber assembly

289175	MGC124887,Slc19a2	solute carrier family 19 (thiamine transporter), member 2	GO:0006810	transport
289883	LRRG00120,MGC95001,Tme	transmembrane emp24 protein transport domain containing 5	GO:0006810	transport
29336	Oprs1,Sigmar1	sigma non-opioid intracellular receptor 1	GO:0006810	transport
29489	Dnch1,Dnchc1,Dync1h1	dynein cytoplasmic 1 heavy chain 1	GO:0006810	transport
303879	Osta,Ostalpa,RGD1311100	organic solute transporter alpha	GO:0006810	transport
305502	RGD1306319,Tmed4	transmembrane emp24 protein transport domain containing 4	GO:0006810	transport
306809	Bicd2	bicaudal D homolog 2 (Drosophila)	GO:0006810	transport
310836	ABCR,Abca4	ATP-binding cassette, subfamily A (ABC1), member 4	GO:0006810	transport
314543	CED-6,Gulp1	GULP, engulfment adaptor PTB domain containing 1	GO:0006810	transport
315047	Laptm4b	lysosomal protein transmembrane 4 beta	GO:0006810	transport
315548	MGC124867,Srpr	signal recognition particle receptor ('docking protein')	GO:0006810	transport
360668	RGD1563123,Sec14l1	SEC14-like 1 (S. cerevisiae)	GO:0006810	transport
360726	Fyttd1,RGD1306899	forty-two-three domain containing 1	GO:0006810	transport
361207	MGC95048,RGD1307627,Tm	transmembrane emp24 protein transport domain containing 9	GO:0006810	transport
364052	Pea15,Pea15a	phosphoprotein enriched in astrocytes 15A	GO:0006810	transport
499529	Aqdq,Ndufs4	NADH dehydrogenase (ubiquinone) Fe-S protein 4	GO:0006810	transport
64001	Cyb5,Cyb5a,MGC108694	cytochrome b5 type A (microsomal)	GO:0006810	transport
65165	MGC72390,Rnp24,Tmed2	transmembrane emp24 domain trafficking protein 2	GO:0006810	transport
81655	Dncli2,Dync1li2,Lic2,MGC108	dynein, cytoplasmic 1 light intermediate chain 2	GO:0006810	transport
81738	Nup98	nucleoporin 98	GO:0006810	transport
83842	Crot	carnitine O-octanoyltransferase	GO:0006810	transport
84014	MGC108645,Ralbp1	ralA binding protein 1	GO:0006810	transport
84356	ALDR,Abcd2	ATP-binding cassette, subfamily D (ALD), member 2	GO:0006810	transport
85254	Cdw92,Ctl1,Slc44a1	solute carrier family 44, member 1	GO:0006810	transport
294503	Nodal	nodal homolog (mouse)	GO:0001831	trophectodermal cellular morphogenesis
301555	Cul3,MGC189292	cullin 3	GO:0001831	trophectodermal cellular morphogenesis
171565	Amsh,Stambp	Stam binding protein	GO:0004221	ubiquitin thiolesterase activity
289584	RGD1564808,Usp46	ubiquitin specific peptidase 46	GO:0004221	ubiquitin thiolesterase activity
295425	Usp53	ubiquitin specific peptidase 53	GO:0004221	ubiquitin thiolesterase activity
297593	Usp5	ubiquitin specific peptidase 5 (isopeptidase T)	GO:0004221	ubiquitin thiolesterase activity
308896	Usp47	ubiquitin specific peptidase 47	GO:0004221	ubiquitin thiolesterase activity
310306	Usp13	ubiquitin specific protease 13 (isopeptidase T-3)	GO:0004221	ubiquitin thiolesterase activity
310677	Otud7b,RGD1308111	OTU domain containing 7B	GO:0004221	ubiquitin thiolesterase activity
310960	Usp33	ubiquitin specific peptidase 33	GO:0004221	ubiquitin thiolesterase activity
312688	Usp18	ubiquitin specific peptidase 18	GO:0004221	ubiquitin thiolesterase activity
315639	Usp28	ubiquitin specific peptidase 28	GO:0004221	ubiquitin thiolesterase activity
316211	Usp492,RGD1310513	ubiquitin specific peptidase 49	GO:0004221	ubiquitin thiolesterase activity
361495	Usp29	ubiquitin specific peptidase 29	GO:0004221	ubiquitin thiolesterase activity
60331	Atxn3,Rsca3	ataxin 3	GO:0004221	ubiquitin thiolesterase activity
688466	MGC187584,Usp21	ubiquitin specific peptidase 21	GO:0004221	ubiquitin thiolesterase activity
114634	Six1	SIX homeobox 1	GO:0001657	ureteric bud development
24224	Bcl-2,Bcl2	B-cell CLL/lymphoma 2	GO:0001657	ureteric bud development
24883	Wt1	Wilms tumor 1	GO:0001657	ureteric bud development
25495	Nog	noggin	GO:0001657	ureteric bud development
294981	Spry1	sprouty homolog 1, antagonist of FGF signaling (Drosophila)	GO:0001657	ureteric bud development
307740	Sal1	sal-like 1 (Drosophila)	GO:0001657	ureteric bud development
308523	Tshz3,Zfp537	teashirt zinc finger homeobox 3	GO:0001657	ureteric bud development
309888	MGC189161,Sim1	single-minded homolog 1 (Drosophila)	GO:0001657	ureteric bud development
85272	BMP-7,Bmp7	bone morphogenetic protein 7	GO:0001657	ureteric bud development
25495	Nog	noggin	GO:0060676	ureteric bud formation
292155	Hs2st1	heparan sulfate 2-O-sulfotransferase 1	GO:0060676	ureteric bud formation
24950	MGC156498,S5AR 1,Srd5a1	steroid-5-alpha-reductase, alpha polypeptide 1 (3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha 1)	GO:0001655	urogenital system development
25495	Nog	noggin	GO:0001655	urogenital system development
294071	Hells,Tbc1d12	helicase, lymphoid specific	GO:0001655	urogenital system development

24482	Igf1	insulin-like growth factor 1	GO:0030104	water homeostasis
25293	AQP-4,AQP4.M23,Aqp4,MIM	aquaporin 4	GO:0030104	water homeostasis
25321	GHRHREC,Ghrhr	growth hormone releasing hormone receptor	GO:0030104	water homeostasis
25386	AQP-2,Aqp2,MGC156502,aq	aquaporin 2 (collecting duct)	GO:0030104	water homeostasis
100158232	MGC188133,Zfp9	zinc finger protein 9	GO:0008270	zinc ion binding
100188944	MGC188259,Pnkd	paroxysmal nonkinesigenic dyskinesia	GO:0008270	zinc ion binding
100302405	Zinki	Arg3.1/Arc mRNA-binding zinc finger protein	GO:0008270	zinc ion binding
114090	Egr2,Krox20	early growth response 2	GO:0008270	zinc ion binding
114636	Zyx	zyxin	GO:0008270	zinc ion binding
114845	Bklf,Klf3,Tef-2	Kruppel-like factor 3 (basic)	GO:0008270	zinc ion binding
114901	Argbp2,Sorbs2	sorbin and SH3 domain containing 2	GO:0008270	zinc ion binding
115768	Zfp37	zinc finger protein 37	GO:0008270	zinc ion binding
116665	Arp2,Rere	arginine-glutamic acid dipeptide (RE) repeats	GO:0008270	zinc ion binding
170902	Giot2,Zfp347	zinc finger protein 347	GO:0008270	zinc ion binding
246279	Zfp180,rKr1	zinc finger protein 180	GO:0008270	zinc ion binding
246282	Zfp91	zinc finger protein 91	GO:0008270	zinc ion binding
24842	MGC112612,Tp53,Trp53,p53	tumor protein p53	GO:0008270	zinc ion binding
24883	Wt1	Wilms tumor 1	GO:0008270	zinc ion binding
25154	Pgr	progesterone receptor	GO:0008270	zinc ion binding
25281	NUCZINK,Nup153	nucleoporin 153	GO:0008270	zinc ion binding
252961	Tank	TRAF family member-associated NFKB activator	GO:0008270	zinc ion binding
25505	P2XMR,P2rx1	purinergic receptor P2X, ligand-gated ion channel, 1	GO:0008270	zinc ion binding
25672	MCR,Mlr,Nr3c2	nuclear receptor subfamily 3, group C, member 2	GO:0008270	zinc ion binding
25742	MGC93559,S100P,S100b	S100 calcium binding protein B	GO:0008270	zinc ion binding
25747	PPAR,Ppara	peroxisome proliferator activated receptor alpha	GO:0008270	zinc ion binding
286979	Kzf-2,Kzf2,Zfp455	zinc finger protein 455	GO:0008270	zinc ion binding
287275	Sec24a	SEC24 family, member A (S. cerevisiae)	GO:0008270	zinc ion binding
288105	RGD1560387,Zbtb20	zinc finger and BTB domain containing 20	GO:0008270	zinc ion binding
288256	Cryz1	crystallin, zeta (quinone reductase)-like 1	GO:0008270	zinc ion binding
288308	Rnf160,Zfp294,Znf294	ring finger protein 160	GO:0008270	zinc ion binding
288489	RGD1562875,Rbak	RB-associated KRAB zinc finger	GO:0008270	zinc ion binding
288661	Zcchc8	zinc finger, CCHC domain containing 8	GO:0008270	zinc ion binding
289138	RGD1304982	similar to RIKEN cDNA 2810025M15	GO:0008270	zinc ion binding
289717	ADA2B,MGC189538,RGD156	transcriptional adaptor 2 (ADA2 homolog, yeast)-beta	GO:0008270	zinc ion binding
289736	Morc2,Morc2a,Zcwc1	MORC family CW-type zinc finger 2	GO:0008270	zinc ion binding
290741	Dctd	dCMP deaminase	GO:0008270	zinc ion binding
290834	Adam9,MDC9	ADAM metallopeptidase domain 9 (meltrin gamma)	GO:0008270	zinc ion binding
291259	BS69,MGC72621,Zmynd11	zinc finger, MYND domain containing 11	GO:0008270	zinc ion binding
29150	Matr3,P130/MAT3	matrin 3	GO:0008270	zinc ion binding
291819	Ca7,Car7	carbonic anhydrase 7	GO:0008270	zinc ion binding
292188	Ibrdc1,Rnf217	ring finger protein 217	GO:0008270	zinc ion binding
29219	MGC105443,Snca	synuclein, alpha (non A4 component of amyloid precursor)	GO:0008270	zinc ion binding
292583	Rfpl4,Rfpl4a	ret finger protein-like 4A	GO:0008270	zinc ion binding
293067	MGC94805,Za20d3,Zfand6,z	zinc finger, AN1-type domain 6	GO:0008270	zinc ion binding
293294	Trim6	tripartite motif-containing 6	GO:0008270	zinc ion binding
29344	Berg36,Brf11,ERF1,TIS11b,Zi	zinc finger protein 36, C3H type-like 1	GO:0008270	zinc ion binding
293561	Rnf152	ring finger protein 152	GO:0008270	zinc ion binding
293783	Lpxn,MGC108942	leupaxin	GO:0008270	zinc ion binding
293960	Zfand5,Zfp216	zinc finger, AN1-type domain 5	GO:0008270	zinc ion binding
294429	RGD1560047,Ranbp2	RAN binding protein 2	GO:0008270	zinc ion binding
296281	Plagl2	pleiomorphic adenoma gene-like 2	GO:0008270	zinc ion binding
296653	Phf19	PHD finger protein 19	GO:0008270	zinc ion binding
296988	MGC94941,Mkrn1	makorin ring finger protein 1	GO:0008270	zinc ion binding
297065	Zfp282,Znf282	zinc finger protein 282	GO:0008270	zinc ion binding

297593	Usp5	ubiquitin specific peptidase 5 (isopeptidase T)	GO:0008270	zinc ion binding
297804	MGC94626,Plag1	pleiomorphic adenoma gene 1	GO:0008270	zinc ion binding
298084	Zbtb5	zinc finger and BTB domain containing 5	GO:0008270	zinc ion binding
299002	G2e3,RGD1310263	G2/M-phase specific E3 ubiquitin ligase	GO:0008270	zinc ion binding
299510	RGD1306532,Zbtb39	zinc finger and BTB domain containing 39	GO:0008270	zinc ion binding
299957	MGC114542,Nsmce2,RGD13	non-SMC element 2, MMS21 homolog (S. cerevisiae)	GO:0008270	zinc ion binding
300474	Adamts15	ADAM metalloproteinase with thrombospondin type 1 motif, 15	GO:0008270	zinc ion binding
300659	Rnf26	ring finger protein 26	GO:0008270	zinc ion binding
300756	Arih1	ariadne ubiquitin-conjugating enzyme E2 binding protein homolog 1 (Drosophila)	GO:0008270	zinc ion binding
300996	Rbm5	RNA binding motif protein 5	GO:0008270	zinc ion binding
301674	Fbxo11,Vit1	F-box protein 11	GO:0008270	zinc ion binding
302946	Glis2	GLIS family zinc finger 2	GO:0008270	zinc ion binding
303068	Adam19,Sox301	a disintegrin and metalloproteinase domain 19 (meltrin beta)	GO:0008270	zinc ion binding
303212	Zfp287,Znf287	zinc finger protein 287	GO:0008270	zinc ion binding
303226	Zfp535,Zkscan6,Znf18	zinc finger protein 18	GO:0008270	zinc ion binding
303836	Bcl6	B-cell CLL/lymphoma 6	GO:0008270	zinc ion binding
304010	Zbtb11	zinc finger and BTB domain containing 11	GO:0008270	zinc ion binding
304074	Morc3,Zcwc3	MORC family CW-type zinc finger 3	GO:0008270	zinc ion binding
304271	Rnf6	ring finger protein (C3H2C3 type) 6	GO:0008270	zinc ion binding
304337	Zfp68	zinc finger protein 68	GO:0008270	zinc ion binding
304655	Zswim4	zinc finger, SWIM-type containing 4	GO:0008270	zinc ion binding
304729	Gli2	GLI family zinc finger 2	GO:0008270	zinc ion binding
306764	Nsd1	nuclear receptor binding SET domain protein 1	GO:0008270	zinc ion binding
306765	Zfp346	zinc finger protein 346	GO:0008270	zinc ion binding
306814	Phf2	PHD finger protein 2	GO:0008270	zinc ion binding
306819	Aof1	amine oxidase (flavin containing) domain 1	GO:0008270	zinc ion binding
306840	MGC93823,Sirt5	sirtuin (silent mating type information regulation 2 homolog) 5 (S. cerevisiae)	GO:0008270	zinc ion binding
306974	Zfp192	zinc finger protein 192	GO:0008270	zinc ion binding
307251	RGD1560744,Rnf165	ring finger protein 165	GO:0008270	zinc ion binding
307271	Mex3c,Rkhd2	mex-3 homolog C (C. elegans)	GO:0008270	zinc ion binding
307348	Spire1	spire homolog 1 (Drosophila)	GO:0008270	zinc ion binding
307362	Znf532	zinc finger protein 532	GO:0008270	zinc ion binding
307604	Elac1	elaC homolog 1 (E. coli)	GO:0008270	zinc ion binding
307740	Sall1	sal-like 1 (Drosophila)	GO:0008270	zinc ion binding
308266	Zc3h12d	zinc finger CCCH type containing 12D	GO:0008270	zinc ion binding
308283	Fbxo30,MGC94907	F-box protein 30	GO:0008270	zinc ion binding
308337	RGD1565545,Znf865	zinc finger protein 865	GO:0008270	zinc ion binding
308361	RGD1565029,Zfp329	zinc finger protein 329	GO:0008270	zinc ion binding
308523	Tshz3,Zfp537	teashirt zinc finger homeobox 3	GO:0008270	zinc ion binding
308669	Herc2	hect domain and RLD 2	GO:0008270	zinc ion binding
308787	Adamts13	ADAMTS-like 3	GO:0008270	zinc ion binding
309331	Uhrf2	ubiquitin-like with PHD and ring finger domains 2	GO:0008270	zinc ion binding
309544	Rbm20	RNA binding motif protein 20	GO:0008270	zinc ion binding
309613	MGC189499,Ng35,Zbtb12	Ng35 pseudogene	GO:0008270	zinc ion binding
309871	Prdm1	PR domain containing 1, with ZNF domain	GO:0008270	zinc ion binding
310306	Usp13	ubiquitin specific protease 13 (isopeptidase T-3)	GO:0008270	zinc ion binding
310658	Pogz	pogo transposable element with ZNF domain	GO:0008270	zinc ion binding
310677	Otud7b,RGD1308111	OTU domain containing 7B	GO:0008270	zinc ion binding
310960	Usp33	ubiquitin specific peptidase 33	GO:0008270	zinc ion binding
311508	Gzf1,RGD1562321,Zfp336	GDNF-inducible zinc finger protein 1	GO:0008270	zinc ion binding
311866	Lrsam1,RGD1564403	leucine rich repeat and sterile alpha motif containing 1	GO:0008270	zinc ion binding
311910	Zbtb26	zinc finger and BTB domain containing 26	GO:0008270	zinc ion binding
312154	Ing3,MGC112729	inhibitor of growth family, member 3	GO:0008270	zinc ion binding
312563	Prickle2	prickle homolog 2 (Drosophila)	GO:0008270	zinc ion binding

313166	Nfx1	nuclear transcription factor, X-box binding 1	GO:0008270	zinc ion binding
313219	Zfp189	zinc finger protein 189	GO:0008270	zinc ion binding
313236	Trim14	tripartite motif-containing 14	GO:0008270	zinc ion binding
313264	MGC109467,Trim32	tripartite motif-containing 32	GO:0008270	zinc ion binding
313477	Zfyve9	zinc finger, FYVE domain containing 9	GO:0008270	zinc ion binding
313539	Jmjd2a,Kdm4a	lysine (K)-specific demethylase 4A	GO:0008270	zinc ion binding
314028	Cbll1	Cas-Br-M (murine) ecotropic retroviral transforming sequence-like 1	GO:0008270	zinc ion binding
314265	Zfyve26	zinc finger, FYVE domain containing 26	GO:0008270	zinc ion binding
314584	RGD1308729,Zfp563	zinc finger protein 563	GO:0008270	zinc ion binding
314586	Znf124,Znf763	zinc finger protein 763	GO:0008270	zinc ion binding
314587	KRIM-1,Krim1,Zfp472	zinc finger protein 472	GO:0008270	zinc ion binding
314764	Eea1	early endosome antigen 1	GO:0008270	zinc ion binding
314855	Cpm	carboxypeptidase M	GO:0008270	zinc ion binding
314856	Mdm2	Mdm2 p53 binding protein homolog (mouse)	GO:0008270	zinc ion binding
314930	FOG-2,Zfpm2	zinc finger protein, multitype 2	GO:0008270	zinc ion binding
315210	Brd1	bromodomain containing 1	GO:0008270	zinc ion binding
316211	Usp492,RGD1310513	ubiquitin specific peptidase 49	GO:0008270	zinc ion binding
316599	LRRGT00071,Usp40	ubiquitin specific peptidase 40	GO:0008270	zinc ion binding
360534	Trim11	tripartite motif-containing 11	GO:0008270	zinc ion binding
360550	MGC94192,Phf23	PHD finger protein 23	GO:0008270	zinc ion binding
360772	MGC94876,RGD1310991,Zfa	zinc finger, AN1-type domain 2A	GO:0008270	zinc ion binding
360820	Pxn	paxillin	GO:0008270	zinc ion binding
360896	Esrrg,errg	estrogen-related receptor gamma	GO:0008270	zinc ion binding
360958	Ablim2	actin binding LIM protein family, member 2	GO:0008270	zinc ion binding
360967	MGC109455,Rnf185	ring finger protein 185	GO:0008270	zinc ion binding
361088	RGD1564706,Rnf219	ring finger protein 219	GO:0008270	zinc ion binding
361095	Zic5	Zic family member 5 (odd-paired homolog, Drosophila)	GO:0008270	zinc ion binding
361103	Rai17,Zmiz1	zinc finger, MIZ-type containing 1	GO:0008270	zinc ion binding
361508	Mzf1,Zfp98	myeloid zinc finger 1	GO:0008270	zinc ion binding
361532	MGC105900,Sirt2	sirtuin (silent mating type information regulation 2 homolog) 2 (S. cerevisiae)	GO:0008270	zinc ion binding
361784	HTEX-6,Tctex6,Znrd1	zinc ribbon domain containing, 1	GO:0008270	zinc ion binding
361970	Trim2	tripartite motif-containing 2	GO:0008270	zinc ion binding
362061	Cryz	crystallin, zeta	GO:0008270	zinc ion binding
362078	Ehmt1	euchromatic histone-lysine N-methyltransferase 1	GO:0008270	zinc ion binding
362154	MGC95079,Zc3h15	zinc finger CCCH-type containing 15	GO:0008270	zinc ion binding
362176	Lmo2,MGC124678	LIM domain only 2	GO:0008270	zinc ion binding
362229	Xrn2	5'-3' exoribonuclease 2	GO:0008270	zinc ion binding
362300	Agap3,Centg3	ArfGAP with GTPase domain, ankyrin repeat and PH domain 3	GO:0008270	zinc ion binding
362484	Plekhf2	pleckstrin homology domain containing, family F (with FYVE domain) member 2	GO:0008270	zinc ion binding
362591	Mtf1	metal-regulatory transcription factor 1	GO:0008270	zinc ion binding
362900	Rnf19,Rnf19a	ring finger protein 19A	GO:0008270	zinc ion binding
363170	MGC189403,Zfp167,Znf167	zinc finger protein 167	GO:0008270	zinc ion binding
363185	Foxp4	forkhead box P4	GO:0008270	zinc ion binding
364910	Sall3	sal-like 3 (Drosophila)	GO:0008270	zinc ion binding
365176	RGD1310536,Zfp787,Znf787	zinc finger protein 787	GO:0008270	zinc ion binding
365213	Nanos2,RGD1562436	nanos homolog 2 (Drosophila)	GO:0008270	zinc ion binding
365751	Rnf29,Trim55	tripartite motif-containing 55	GO:0008270	zinc ion binding
365813	RGD1311956,Trim59	tripartite motif-containing 59	GO:0008270	zinc ion binding
366889	Zdhhc17	zinc finger, DHHC-type containing 17	GO:0008270	zinc ion binding
366894	PAP-II,Trhde	thyrotropin-releasing hormone degrading enzyme	GO:0008270	zinc ion binding
367167	Traip	TRAF-interacting protein	GO:0008270	zinc ion binding
368062	Ankib1	ankyrin repeat and IBR domain containing 1	GO:0008270	zinc ion binding
497923	RGD1561950,Zfp286,Znf286	zinc finger protein 286A	GO:0008270	zinc ion binding
498030	Anapc11,RGD1561880	anaphase promoting complex subunit 11	GO:0008270	zinc ion binding

498425	Zrsr1	zinc finger (CCCH type), RNA binding motif and serine/arginine rich 1	GO:0008270	zinc ion binding
499309	RGD1560108	similar to RIKEN cDNA 2700081O15	GO:0008270	zinc ion binding
499425	Zfp365,Znf365	zinc finger protein 365	GO:0008270	zinc ion binding
499566	Car13,MGC189444,RGD1560108	carbonic anhydrase 13	GO:0008270	zinc ion binding
499900	LOC499900	similar to Zinc finger protein 133	GO:0008270	zinc ion binding
500030	Phf14,RGD1563764	PHD finger protein 14	GO:0008270	zinc ion binding
500057	RGD1560157,Zfp800	zinc finger protein 800	GO:0008270	zinc ion binding
500636	RGD1561737,Rnf144,Rnf144	ring finger protein 144A	GO:0008270	zinc ion binding
58821	Zfp265,Zis,Znf265,Zranb2	zinc finger, RAN-binding domain containing 2	GO:0008270	zinc ion binding
59312	Prosap2,Shank3	SH3 and multiple ankyrin repeat domains 3	GO:0008270	zinc ion binding
64394	PAG608,Wig1,Zmat3	zinc finger, matrin type 3	GO:0008270	zinc ion binding
679898	Zmat22	zinc finger, matrin type 2	GO:0008270	zinc ion binding
680424	Pex10	peroxisomal biogenesis factor 10	GO:0008270	zinc ion binding
681578	Rnf13	ring finger protein 13	GO:0008270	zinc ion binding
684961	MGC188207,Zmat4	zinc finger, matrin type 4	GO:0008270	zinc ion binding
685144	Sec24c	SEC24 family, member C (S. cerevisiae)	GO:0008270	zinc ion binding
685384	MGC188174,Rnf180	ring finger protein 180	GO:0008270	zinc ion binding
690419	Zfp709l1	zinc finger protein 709-like 1	GO:0008270	zinc ion binding
79240	HMR,Ngfi-b,Nr4a1,Nur77	nuclear receptor subfamily 4, group A, member 1	GO:0008270	zinc ion binding
81686	Mmp2	matrix metalloproteinase 2	GO:0008270	zinc ion binding
81707	Mmp14,Mt1-mmp	matrix metalloproteinase 14 (membrane-inserted)	GO:0008270	zinc ion binding
83470	Bmp1	bone morphogenetic protein 1	GO:0008270	zinc ion binding
83801	Ptms,ZnBP	parathymosin	GO:0008270	zinc ion binding
84508	Adrg34,Kf1,Rnf103,Zfp103	ring finger protein 103	GO:0008270	zinc ion binding
84556	Rim1,Rims1	regulating synaptic membrane exocytosis 1	GO:0008270	zinc ion binding
85265	Jub,MGC93830	jub, ajuba homolog (Xenopus laevis)	GO:0008270	zinc ion binding
94196	MGC72355,Rnf138,Rsd4,Trif	ring finger protein 138	GO:0008270	zinc ion binding