



Read Count All : Averaged read count of all samples from Naive and CFA
 Read Count Naive : Mean FPKM of four control group samples
 Read Count CFA : Mean FPKM of four CFA-injected group samples
 FC : Fold change (CFA/Naive)
 LFC : Log(fold change)
 FDR : False Discovery Rate corrected p value

- Group code**
- 1 : Exclusively Pain gene
 - 2 : Exclusively Sensory neuronal genes
 - 3 : Exclusively TRPV1 lineage genes
 - 4 : Common genes between Pain genes and sensory neuronal genes
 - 5 : Common genes between Sensory neuronal genes and TRPV1 lineage genes
 - 6 : Common genes between Pain genes and TRPV1 lineage genes
 - 7 : Common genes among Pain genes and Sensory neuronal genes and TRPV1 lineage genes

Entire candidate genes (2320)

Differentially regulated candidate genes (622)

Feature.ID	All	Naive	CFA	FC	LFC	p Value	FDR	gene_symbol	gene_name	group
ENSRNOG00000043341	64.83	64.17	65.49	1.02	0.03	0.937142	1.3110052M02R	RIKEN cDNA 3110052M02 gene [Source:MGI Symbol;Acc:MGI:1920479]		2
ENSRNOG00000005935	5530.64	5105.96	5955.32	1.17	0.22	0.003503	0.023723973	A3galat2	alpha 1,3-galactosyltransferase 2 [Source:RGD Symbol;Acc:727913]	5
ENSRNOG00000000967	4107.21	4204.84	4009.58	0.95	-0.07	0.393695	0.711690705	Aacs	acetoacetyl-CoA synthetase [Source:RGD Symbol;Acc:708522]	2
ENSRNOG000000011861	43.00	34.97	51.03	1.46	0.55	0.04369	0.168028571	Aadat	aminoadipate aminotransferase [Source:RGD Symbol;Acc:2948]	2
ENSRNOG000000004378	1118.11	969.43	1266.79	1.31	0.39	4.12E-05	0.00055069	Abca5	ATP-binding cassette, subfamily A (ABC1), member 5 [Source:RGD Symbol;Acc:628661]	3
ENSRNOG000000017993	665.66	686.82	644.50	0.94	-0.09	0.42427	0.74467731	Abcb10	ATP-binding cassette, subfamily B (MDR/TAP), member 10 [Source:RGD Symbol;Acc:1311222]	2
ENSRNOG000000022719	16.66	19.16	14.15	0.74	-0.44	0.26498	0.566386429	Abcb1b	ATP-binding cassette, subfamily B (MDR/TAP), member 1B [Source:RGD Symbol;Acc:3318]	1
ENSRNOG000000029207	81.32	89.52	73.12	0.82	-0.29	0.201341	0.479886968	Abcb4	ATP-binding cassette, subfamily B (MDR/TAP), member 4 [Source:RGD Symbol;Acc:620248]	2
ENSRNOG000000002948	208.10	222.49	193.70	0.87	-0.20	0.215614	0.500346973	Abcc3	ATP-binding cassette, subfamily C (CFTR/MRP), member 3 [Source:RGD Symbol;Acc:71101]	1
ENSRNOG000000010064	506.70	449.84	563.56	1.25	0.33	0.006543	0.039388868	Abcc4	ATP-binding cassette, subfamily C (CFTR/MRP), member 4 [Source:RGD Symbol;Acc:620266]	1
ENSRNOG000000005420	53.15	57.32	48.99	0.85	-0.23	0.325056	0.637312831	Abcc8	ATP-binding cassette, subfamily G (WHITE), member 8 [Source:RGD Symbol;Acc:620300]	3
ENSRNOG000000012073	892.04	891.33	892.74	1.00	0.00	0.943909	1	Abhd14b	abhydrolase domain containing 14b [Source:RGD Symbol;Acc:1359649]	2
ENSRNOG000000000221	708.22	629.06	787.38	1.25	0.32	0.008395	0.023133558	Abhd5	abhydrolase domain containing 5 [Source:RGD Symbol;Acc:1303237]	2
ENSRNOG000000031325	1673.41	1571.02	1775.79	1.13	0.18	0.048754	0.181913843	Abi1	abl-interactor 1 [Source:RGD Symbol;Acc:621008]	2
ENSRNOG000000022216	7256.26	6824.93	7687.60	1.13	0.17	0.020126	0.094377927	Abr	active BCR-related [Source:RGD Symbol;Acc:1306279]	2
ENSRNOG000000037815	702.90	726.39	679.41	0.94	-0.10	0.361849	0.677817636	Acad10	acyl-CoA dehydrogenase family, member 10 [Source:RGD Symbol;Acc:1310159]	2
ENSRNOG000000022307	1888.17	1920.43	1855.90	0.97	-0.05	0.577101	0.859985648	Acap3	ArfGAP with coiled-coil, ankyrin repeat and PH domains 3 [Source:RGD Symbol;Acc:1310711]	2
ENSRNOG000000003108	1388.84	1482.21	1295.47	0.87	-0.19	0.034011	0.139535118	Acbd4	acyl-CoA binding domain containing 4 [Source:RGD Symbol;Acc:1308404]	2
ENSRNOG000000031665	100.49	140.83	60.16	0.43	-1.23	6.82E-09	2.03E-07	Ace2	angiotensin I converting enzyme 2 [Source:RGD Symbol;Acc:728890]	1
ENSRNOG000000050841	9485.97	9402.31	9569.64	1.02	0.03	0.742819	0.977229637	Ache	acetylcholinesterase [Source:MGI Symbol;Acc:MGI:87876]	1
ENSRNOG000000013533	4091.68	4462.51	3720.85	0.83	-0.26	0.000863	0.007550917	Acin1	apoptotic chromatin condensation inducer 1 [Source:RGD Symbol;Acc:1311945]	2
ENSRNOG000000016924	14854.69	14488.50	15220.87	1.05	0.07	0.327314	0.63970781	Acly	ATP citrate lyase [Source:RGD Symbol;Acc:2018]	2
ENSRNOG000000011820	929.07	808.51	1049.63	1.30	0.38	0.000173	0.001947931	Acpp	acid phosphatase, prostate [Source:RGD Symbol;Acc:2023]	7
ENSRNOG000000010633	2933.95	2963.36	2904.54	0.98	-0.03	0.68157	0.93853967	Acsl1	acyl-CoA synthetase long-chain family member 1 [Source:RGD Symbol;Acc:2015]	1
ENSRNOG000000001408	1074.75	1105.15	1044.35	0.94	-0.08	0.401522	0.720863301	Act16b	actin-like 6B [Source:RGD Symbol;Acc:1307763]	5
ENSRNOG000000004309	639.69	704.42	574.97	0.82	-0.29	0.010232	0.055972087	Actn1	actinin, alpha 1 [Source:RGD Symbol;Acc:70907]	5
ENSRNOG000000010265	502.25	590.34	414.16	0.70	-0.51	4.17E-05	0.000561872	Ada	adenosine deaminase [Source:RGD Symbol;Acc:2031]	1
ENSRNOG000000002753	6505.93	5908.96	7102.90	1.20	0.27	0.000297	0.003085686	Adam11	ADAM metalloproteinase domain 11 [Source:RGD Symbol;Acc:1307515]	5
ENSRNOG000000017518	0.41	0.29	0.53	1.81	0.86	1	1	Adam5	a disintegrin and metalloproteinase domain 5 [Source:RGD Symbol;Acc:621471]	5
ENSRNOG000000017897	149.70	165.06	134.34	0.81	-0.30	0.099583	0.301706444	Adam8	ADAM metalloproteinase domain 8 [Source:RGD Symbol;Acc:1306394]	2
ENSRNOG000000016812	215.46	175.05	255.88	1.46	0.55	0.000747	0.006705079	Adamts16	ADAM metalloproteinase with thrombospondin type 1 motif, 16 [Source:RGD Symbol;Acc:1310046]	3
ENSRNOG000000027463	201.83	191.75	211.91	1.11	0.14	0.406473	0.725969514	Adamts3	ADAM metalloproteinase with thrombospondin type 1, motif 3 [Source:RGD Symbol;Acc:1310750]	1
ENSRNOG000000001606	780.84	776.34	785.35	1.01	0.02	0.800375	1	Adamts5	ADAM metalloproteinase with thrombospondin type 1 motif, 5 [Source:RGD Symbol;Acc:735196]	2
ENSRNOG000000023257	319.36	351.70	287.02	0.82	-0.29	0.037406	0.149953538	Adamts9	ADAM metalloproteinase with thrombospondin type 1 motif, 9 [Source:RGD Symbol;Acc:1306889]	2
ENSRNOG000000042650	1275.95	1224.02	1327.88	1.08	0.12	0.205181	0.485787762	Adc	arginine decarboxylase [Source:MGI Symbol;Acc:MGI:2442093]	2
ENSRNOG000000008276	257.65	255.64	259.67	1.02	0.02	0.777587	0.997098686	Adcy1	adenylate cyclase 1 [brain] [Source:RGD Symbol;Acc:1309318]	1
ENSRNOG000000002229	1391.03	1294.74	1487.33	1.15	0.20	0.024389	0.10968243	Adcy5	adenylate cyclase 5 [Source:RGD Symbol;Acc:71014]	4
ENSRNOG000000014776	742.33	685.59	799.07	1.17	0.22	0.032954	0.136345675	Adcy7	adenylate cyclase 7 [Source:RGD Symbol;Acc:619966]	1
ENSRNOG000000004890	318.92	289.76	348.08	1.20	0.26	0.026203	0.218177192	Adcy8	adenylate cyclase 8 (brain) [Source:RGD Symbol;Acc:2036]	1
ENSRNOG000000049882	2074.96	1771.92	2378.00	1.34	0.42	5.79E-07	1.21E-05	Adcyap1	adenylate cyclase activating polypeptide 1 [Source:RGD Symbol;Acc:2037]	4
ENSRNOG000000012098	88.77	83.29	94.24	1.13	0.18	0.439975	0.759021555	Adcyap1r1	adenylate cyclase activating polypeptide 1 receptor 1 [Source:RGD Symbol;Acc:2038]	1
ENSRNOG000000012325	2972.14	2831.67	3112.61	1.10	0.14	0.106668	0.316451314	Adk	adenosine kinase [Source:RGD Symbol;Acc:2046]	5
ENSRNOG000000027030	82.45	101.27	63.63	0.63	-0.67	0.002615	0.01881695	Adm	adrenomedullin [Source:RGD Symbol;Acc:2047]	1
ENSRNOG000000003442	2306.80	2085.13	2528.46	1.21	0.28	0.000543	0.005128808	Adora1	adenosine A1 receptor [Source:RGD Symbol;Acc:2048]	1
ENSRNOG00000001302	581.43	554.65	608.21	1.10	0.13	0.248405	0.544465746	Adora2a	adenosine A2a receptor [Source:RGD Symbol;Acc:2049]	1
ENSRNOG000000002922	150.05	133.85	166.26	1.24	0.31	0.103524	0.310056721	Adora2b	adenosine A2b receptor [Source:RGD Symbol;Acc:2050]	6
ENSRNOG000000015788	0.12	0.24	0.00	0.00	#NAME?	0.964516	1	Adora3	adenosine A3 receptor [Source:RGD Symbol;Acc:2051]	1
ENSRNOG000000009522	15.45	13.45	17.44	1.30	0.37	0.339664	0.65324136	Adra1a	adrenoceptor alpha 1A [Source:RGD Symbol;Acc:2055]	1
ENSRNOG000000021256	42.33	52.03	32.63	0.63	-0.67	0.010167	0.061793271	Adra1d	adrenoceptor alpha 1D [Source:RGD Symbol;Acc:62064]	1
ENSRNOG000000047545	291.10	308.21	274.00	0.89	-0.17	0.256584	0.555500256	Adra2a	adrenoceptor alpha 2A [Source:RGD Symbol;Acc:2056]	1
ENSRNOG000000013887	5.31	5.56	5.06	0.91	-0.13	0.848127	1	Adra2b	adrenoceptor alpha 2B [Source:RGD Symbol;Acc:2057]	3
ENSRNOG000000009299	1015.55	1070.17	960.92	0.90	-0.16	0.116556	0.335972952	Adra2c	adrenoceptor alpha 2C [Source:RGD Symbol;Acc:2058]	1
ENSRNOG000000017002	27.38	29.63	25.12	0.85	-0.24	0.446383	0.76372228	Adrb1	adrenoceptor beta 1 [Source:RGD Symbol;Acc:2059]	6
ENSRNOG000000019217	69.86	78.23	61.50	0.79	-0.35	0.12698	0.353934303	Adrb2	adrenoceptor beta 2, surface [Source:RGD Symbol;Acc:2060]	1
ENSRNOG000000012674	1.95	3.21	0.69	0.21	-2.22	0.045732	0.173253203	Adrb3	adrenoceptor beta 3 [Source:RGD Symbol;Acc:2061]	1
ENSRNOG000000018985	3770.27	3823.14	3717.40	0.97	-0.04	0.627944	0.898736834	Adrbk1	adrenergic, beta, receptor kinase 1 [Source:RGD Symbol;Acc:2062]	7
ENSRNOG000000023333	63.85	42.41	85.30	2.01	1.01	2.47E-05	0.000353225	Aff2	AF4/FMR2 family, member 2 [Source:RGD Symbol;Acc:1565592]	5
ENSRNOG000000018830	580.92	487.11	674.72	1.39	0.47	3.91E-05	0.000530519	Aff3	AF4/FMR2 family, member 3 [Source:RGD Symbol;Acc:1308527]	2
ENSRNOG000000000439	147.26	185.81	108.70	0.59	-0.77	2.74E-05	0.000386703	Ager	advanced glycosylation end product-specific receptor [Source:RGD Symbol;Acc:69258]	2
ENSRNOG000000015619	2833.07	2528.15	3137.99	1.24	0.31	0.000126	0.001476363	Agfg1	ArfGAP with FG repeats 1 [Source:RGD Symbol;Acc:1560041]	1
ENSRNOG000000001404	1045.78	1099.09	992.47	0.90	-0.15	0.131748	0.363357587	Agfg2	ArfGAP with FG repeats 2 [Source:RGD Symbol;Acc:1306590]	2
ENSRNOG000000011509	760.95	726.95	794.96	1.09	0.13	0.22235	0.510122405	Agk	acylglycerol kinase [Source:RGD Symbol;Acc:1562046]	2
ENSRNOG000000025596	39.08	34.98	43.19	1.23	0.30	0.281854	0.587752671	Ago4	argonate RISC catalytic component 4 [Source:RGD Symbol;Acc:1304583]	2
ENSRNOG000000000437	4613.43	4755.16	4471.71	0.94	-0.09	0.276791	0.581939135	Agpat1	1-acylglycerol-3-phosphate O-acyltransferase 1 [Source:RGD Symbol;Acc:1303287]	1
ENSRNOG000000017731	2246.13	2111.05	2381.21	1.13	0.17	0.045076	0.171519816	Agpat4	1-acylglycerol-3-phosphate O-acyltransferase 4 [Source:RGD Symbol;Acc:619916]	2
ENSRNOG000000039001	16.00	18.24	13.77	0.76	-0.41	0.283955	0.588978428	Agpr	agouti related neuropeptide [Source:RGD Symbol;Acc:2068]	1
ENSRNOG000000018445	708.20	410.01	1006.39	2.45	1.30	2.53E-30	3.25E-28	Agt	angiotensinogen (serpin peptidase inhibitor, clade A, member 8) [Source:RGD Symbol;Acc:2069]	2
ENSRNOG000000018346	107.50	132.18	82.83	0.63	-0.67	0.000699	0.006350763	Agtr1a	angiotensin II receptor, type 1a [Source:RGD Symbol;Acc:2070]	7
ENSRNOG000000010640	10.57	12.08	9.06	0.75	-0.41	0.418908	0.739278588	Agtr1b	angiotensin II receptor, type 1b [Source:RGD Symbol;Acc:2071]	1
ENSRNOG000000050006	9.43	17.68	1.18	0.07	-3.90	1.15E-10	4.44E-09	Agtr2	angiotensin II receptor, type 2 [Source:RGD Symbol;Acc:2072]	2
ENSRNOG000000014721	25.99	26.36	25.63	0.97	-0.04	0.841829	1	Ahrr	aryl-hydrocarbon receptor repressor [Source:RGD Symbol;Acc:1559857]	3
ENSRNOG000000001213	0.12	0.24	0.00	0.00	#NAME?	0.964517	1	Aire	autoimmune regulator [Source:RGD Symbol;Acc:1311139]	3
ENSRNOG000000004578</										

ENSRNOG00000000167	388.01	694.45	81.57	0.12	-3.09	4.59E-93	2.47E-90	Alas2	aminolevulinata, delta-, synthase 2 [Source:RGD Symbol;Acc:2084]	2
ENSRNOG000000008683	566.96	544.03	589.90	1.08	0.12	0.337976	0.652067319	Ak1	anaplastic lymphoma receptor tyrosine kinase [Source:RGD Symbol;Acc:628622]	2
ENSRNOG000000027037	89.23	127.19	51.27	0.40	-1.31	3.98E-09	1.25E-07	Alox12	arachidonate 12-lipoxygenase [Source:RGD Symbol;Acc:1311159]	1
ENSRNOG000000012972	62.16	95.97	28.36	0.30	-1.76	3.30E-12	1.46E-10	Alox5	arachidonate 5-lipoxygenase [Source:RGD Symbol;Acc:2096]	1
ENSRNOG000000007984	302.02	255.46	348.58	1.36	0.45	0.001264	0.010262799	Amer1	APC membrane recruitment protein 1 [Source:RGD Symbol;Acc:1560322]	2
ENSRNOG000000022166	11.26	12.28	10.23	0.83	-0.26	0.632085	0.90185806	Ammecr1	Alport syndrome, mental retardation, midface hypoplasia and elliptocytosis chromosomal region gene 1	2
ENSRNOG000000003776	1.20	1.40	1.01	0.72	-0.47	0.919341		Amtn	amelotin [Source:RGD Symbol;Acc:1592356]	2
ENSRNOG0000000036686	1847.97	1946.04	1749.90	0.90	-0.15	0.071272	0.238407975	Anap11	anaphase promoting complex subunit 11 [Source:RGD Symbol;Acc:1561880]	2
ENSRNOG000000043032	13.30	14.96	11.64	0.78	-0.36	0.377518	0.693419285	Ang	angiogenin, ribonuclease, RNase A family, 5 [Source:RGD Symbol;Acc:1594539]	3
ENSRNOG000000020411	4805.13	4181.18	5429.08	1.30	0.38	7.25E-07	1.48E-05	Ank3	ankyrin 3, node of Ranvier (ankyrin G) [Source:RGD Symbol;Acc:620157]	2
ENSRNOG000000016622	200.30	197.11	203.50	1.03	0.05	0.853906		Ank2	ankyrin repeat, family A (RFXANK-like), 2 [Source:RGD Symbol;Acc:1303108]	2
ENSRNOG000000013618	832.57	909.58	755.55	0.83	-0.27	0.010645	0.057541054	Ankrd10	ankyrin repeat domain 10 [Source:RGD Symbol;Acc:1310501]	2
ENSRNOG000000012733	1268.30	1167.83	1368.77	1.17	0.23	0.014472	0.072976038	Ankrd12	ankyrin repeat domain 12 [Source:RGD Symbol;Acc:1310118]	2
ENSRNOG000000014742	1237.98	1294.31	1181.65	0.91	-0.13	0.175058	0.439253173	Ankrd13b	ankyrin repeat domain 13B [Source:RGD Symbol;Acc:1564005]	2
ENSRNOG000000028247	2483.68	2567.49	2399.86	0.93	-0.10	0.244632	0.538949053	Ankrd13d	ankyrin repeat domain 13 family, member D [Source:RGD Symbol;Acc:1309156]	2
ENSRNOG000000006759	183.55	178.25	188.84	1.06	0.08	0.580662	0.863202321	Ankrd24	ankyrin repeat domain 24 [Source:RGD Symbol;Acc:1311385]	2
ENSRNOG000000007110	675.02	616.81	733.23	1.19	0.25	0.025136	0.11195299	Ankrd6	ankyrin repeat domain 6 [Source:RGD Symbol;Acc:1583731]	2
ENSRNOG000000024870	323.83	268.54	379.11	1.41	0.50	0.00054	0.005114007	Anks1b	ankyrin repeat and sterile alpha motif domain containing 1B [Source:RGD Symbol;Acc:1565556]	5
ENSRNOG000000023309	545.93	544.66	547.20	1.00	0.01	0.94433		Anks6	ankyrin repeat and sterile alpha motif domain containing 6 [Source:RGD Symbol;Acc:3334]	2
ENSRNOG000000019052	1437.02	1532.24	1341.79	0.88	-0.19	0.037905	0.151441409	Ankzf1	ankyrin repeat and zinc finger domain containing 1 [Source:RGD Symbol;Acc:1359242]	2
ENSRNOG000000020865	455.45	486.53	424.37	0.87	-0.20	0.162321	0.417968407	Ano1	anoctamin 1, calcium activated chloride channel [Source:RGD Symbol;Acc:1310786]	1
ENSRNOG000000004731	1836.83	1237.92	2435.73	1.97	0.98	6.45E-30	8.12E-28	Ano3	anoctamin 3 [Source:RGD Symbol;Acc:1308873]	5
ENSRNOG000000017469	1132.94	1461.25	804.63	0.55	-0.86	1.91E-19	1.43E-17	Anxa1	annexin A1 [Source:RGD Symbol;Acc:2118]	1
ENSRNOG000000010984	5125.10	5364.68	4885.53	0.91	-0.13	0.084555	0.269319591	Anxa11	annexin A11 [Source:RGD Symbol;Acc:1309911]	5
ENSRNOG000000010362	31361.93	30333.06	32390.79	1.07	0.09	0.277314	0.582503478	Anxa2	annexin A2 [Source:RGD Symbol;Acc:621170]	1
ENSRNOG000000014453	43840.44	43662.08	44018.79	1.01	0.01	0.927508		Anxa5	annexin A5 [Source:RGD Symbol;Acc:2120]	5
ENSRNOG000000024492	2575.14	2281.03	2869.25	1.26	0.33	5.95E-05	0.000770851	Ap1ar	adaptor-related protein complex 1 associated regulatory protein [Source:RGD Symbol;Acc:1311435]	2
ENSRNOG000000010624	2010.06	1850.21	2169.91	1.17	0.23	0.006838	0.040699573	Ap3b1	adaptor-related protein complex 3, beta 1 subunit [Source:RGD Symbol;Acc:1310256]	2
ENSRNOG000000001353	383.33	416.77	349.89	0.84	-0.25	0.06344	0.220187086	Ap4m1	adaptor-related protein complex 4, mu 1 subunit [Source:RGD Symbol;Acc:1310233]	2
ENSRNOG000000014928	4587.39	3911.22	5263.56	1.35	0.43	1.30E-08	3.67E-07	Apba1	amyloid beta (A4) precursor protein-binding, family A, member 1 [Source:RGD Symbol;Acc:620844]	2
ENSRNOG000000005542	23.29	16.99	29.59	1.74	0.80	0.025825	0.114246354	Apob	apolipoprotein B [Source:RGD Symbol;Acc:2129]	5
ENSRNOG000000018454	209263.33	215598.24	#####	0.94	-0.09	0.492928	0.797735523	Apoe	apolipoprotein E [Source:RGD Symbol;Acc:2138]	1
ENSRNOG000000023122	17.90	29.91	5.89	0.20	-2.34	3.89E-09	1.22E-07	Apo11a	apolipoprotein L 11a [Source:RGD Symbol;Acc:1309798]	2
ENSRNOG000000006997	34285.55	33689.18	34881.92	1.04	0.05	0.53645	0.83315454	App	amyloid beta (A4) precursor protein [Source:RGD Symbol;Acc:2139]	1
ENSRNOG000000008174	1517.79	1440.28	1595.29	1.11	0.15	0.109995	0.323717798	App2	adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper containing 2 [Source:RGD Symbol;Acc:1310786]	5
ENSRNOG000000011648	4294.05	4878.81	3709.29	0.76	-0.40	0.94E-07	1.06E-05	Aqp4	aquaporin 1 [Source:RGD Symbol;Acc:2141]	2
ENSRNOG000000016043	1140.15	78.70	2201.59	27.98	4.81	0		Aqp4	aquaporin 4 [Source:RGD Symbol;Acc:2143]	1
ENSRNOG000000019555	2129.59	2476.91	1782.26	0.72	-0.47	1.97E-08	5.38E-07	Arap1	ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 1 [Source:RGD Symbol;Acc:1310385]	2
ENSRNOG0000000046472	1918.29	1954.75	1881.83	0.96	-0.05	0.510776	0.811910972	Arfgap3	ADP-ribosylation factor GTPase activating protein 3 [Source:RGD Symbol;Acc:1560066]	2
ENSRNOG000000024142	2059.94	2164.31	1955.57	0.90	-0.15	0.075901	0.24946578	Arglu1	arginine and glutamate rich 1 [Source:RGD Symbol;Acc:1310061]	2
ENSRNOG000000013836	1384.12	1377.24	1390.99	1.01	0.01	0.882748		Arhgap17	Rho GTPase activating protein 17 [Source:RGD Symbol;Acc:628767]	2
ENSRNOG000000008659	2176.27	1908.93	2443.60	1.28	0.36	1.69E-05	0.000250593	Arhgap21	Rho GTPase activating protein 21 [Source:RGD Symbol;Acc:1311028]	2
ENSRNOG000000024728	1346.06	1365.26	1326.86	0.97	-0.04	0.657665	0.921449365	Arhgap22	Rho GTPase activating protein 22 [Source:RGD Symbol;Acc:1307237]	2
ENSRNOG000000013920	125.54	109.43	141.65	1.29	0.37	0.059481	0.210260243	Arhgap26	Rho GTPase activating protein 26 [Source:RGD Symbol;Acc:1310923]	5
ENSRNOG000000017065	1629.97	1277.23	1982.71	1.55	0.63	3.88E-13	1.91E-11	Arhgap28	Rho GTPase activating protein 28 [Source:RGD Symbol;Acc:1559882]	5
ENSRNOG000000024677	371.27	379.41	363.13	0.96	-0.06	0.688749	0.943449877	Arhgap33	Rho GTPase activating protein 33 [Source:RGD Symbol;Acc:2318374]	2
ENSRNOG000000016566	2565.90	2666.00	2465.80	0.92	-0.11	0.18111	0.448761812	Arhgap39	Rho GTPase activating protein 39 [Source:RGD Symbol;Acc:1593158]	2
ENSRNOG000000020130	2170.46	2444.53	1896.40	0.78	-0.37	1.15E-05	0.000176937	Arhgef1	Rho guanine nucleotide exchange factor (GEF) 1 [Source:RGD Symbol;Acc:620951]	2
ENSRNOG000000028090	1236.23	1189.51	1282.96	1.08	-0.11	0.213521	0.497840296	Arhgef18	rho/rac guanine nucleotide exchange factor (GEF) 18 [Source:RGD Symbol;Acc:1311448]	2
ENSRNOG000000016544	1436.75	1447.12	1426.38	0.99	-0.02	0.851956		Arhgef28	Rho guanine nucleotide exchange factor (GEF) 28 [Source:RGD Symbol;Acc:1307061]	2
ENSRNOG000000021433	162.88	167.09	158.66	0.95	-0.07	0.668602	0.929033555	Arhgef39	Rho guanine nucleotide exchange factor (GEF) 39 [Source:RGD Symbol;Acc:1310376]	2
ENSRNOG000000019677	190.85	199.14	182.56	0.92	-0.13	0.420708	0.740766435	Arid3b	AT rich interactive domain 3B (Bright like) [Source:RGD Symbol;Acc:1306335]	2
ENSRNOG000000015382	238.24	264.73	211.74	0.80	-0.32	0.039512	0.155868026	Arid5a	AT rich interactive domain 5A (Mrf1 like) [Source:RGD Symbol;Acc:1311041]	2
ENSRNOG000000045948	982.43	1005.98	958.87	0.95	-0.02	0.437487	0.756676059	Arl10	ADP-ribosylation factor-like 10 [Source:RGD Symbol;Acc:1303298]	2
ENSRNOG000000020770	194.59	227.22	161.96	0.71	-0.49	0.005547	0.034537854	Arl4d	ADP-ribosylation factor-like 4D [Source:RGD Symbol;Acc:1306875]	5
ENSRNOG000000018714	181.97	152.02	211.93	1.39	0.48	0.004295	0.027983151	Arl5b	ADP-ribosylation factor-like 5B [Source:RGD Symbol;Acc:1305569]	1
ENSRNOG000000043128	1004.33	998.59	1010.06	1.01	0.02	0.884343		Armc4	armadillo repeat containing, X-linked 4 [Source:MGJ Symbol;Acc:MGJ:2147887]	2
ENSRNOG000000037707	411.02	441.69	380.35	0.86	-0.22	0.099639	0.301773706	Armc6	armadillo repeat containing, X-linked 6 [Source:RGD Symbol;Acc:1359303]	2
ENSRNOG0000000001830	16.98	9.34	24.61	2.63	1.40	0.000312	0.003221778	Arnt	aryl hydrocarbon receptor nuclear translocator-like 2 [Source:RGD Symbol;Acc:620230]	2
ENSRNOG000000000991	2922.86	3321.98	2523.73	0.76	-0.40	6.84E-07	1.41E-05	Arpc1b	actin related protein 2/3 complex, subunit 1B [Source:RGD Symbol;Acc:2155]	2
ENSRNOG000000028062	4998.69	4897.99	5099.39	1.04	0.06	0.489316	0.793581022	Arpc5	actin related protein 2/3 complex, subunit 5 [Source:RGD Symbol;Acc:1311791]	2
ENSRNOG000000030404	661.42	586.75	739.10	1.25	0.33	0.002756	0.019567495	Arrr1	arrestin, beta 1 [Source:RGD Symbol;Acc:2156]	1
ENSRNOG000000019308	922.22	964.44	880.01	0.91	-0.13	0.197405	0.474377586	Arrr2	arrestin, beta 2 [Source:RGD Symbol;Acc:2157]	1
ENSRNOG000000007622	1893.20	2003.68	1782.73	0.89	-0.17	0.047316	0.17756936	Arrrd1	arrestin domain containing 1 [Source:RGD Symbol;Acc:1309961]	2
ENSRNOG000000019009	704.75	819.70	589.79	0.72	-0.47	2.21E-05	0.0003318926	Arrrd2	arrestin domain containing 2 [Source:RGD Symbol;Acc:1309659]	2
ENSRNOG000000019842	17.74	22.78	12.69	0.56	-0.84	0.024955	0.111451289	Artn	artemin [Source:RGD Symbol;Acc:621427]	1
ENSRNOG000000031493	50.24	51.64	48.84	0.95	-0.08	0.743479	0.977510678	Ascl4	achaete-scute family bHLH transcription factor 4 [Source:RGD Symbol;Acc:1307533]	3
ENSRNOG000000005115	29.73	34.38	25.08	0.73	-0.46	0.152262	0.402276476	Asf1b	anti-silencing function 1B histone chaperone [Source:RGD Symbol;Acc:1304918]	2
ENSRNOG000000018789	9400.06	9168.90	9631.21	1.05	0.07	0.331329	0.644270512	Asic1	acid-sensing (proton-gated) ion channel 1 [Source:RGD Symbol;Acc:17062]	1
ENSRNOG000000007019	315.14	306.90	323.37	1.05	0.08	0.552294	0.838350771	Asic2	acid-sensing (proton-gated) ion channel 2 [Source:RGD Symbol;Acc:2017]	6
ENSRNOG000000008380	10241.76	10176.46	10307.06	1.01	0.02	0.779313	0.998033954	Asic3	acid-sensing (proton-gated) ion channel 3 [Source:RGD Symbol;Acc:708578]	1
ENSRNOG000000009093	1436.33	1499.79	1372.87	0.92	-0.13	0.139124	0.37766537	Asl	argininosuccinate lyase [Source:RGD Symbol;Acc:619974]	2
ENSRNOG000000008837	1147.56	1119.52	1175.61	1.05	0.07	0.512406	0.813076113	Ass1	argininosuccinate synthase 1 [Source:RGD Symbol;Acc:2163]	5
ENSRNOG00000001808	554.82	561.72	547.92	0.98	-0.04	0.714536	0.958583104	Asun	asunder, spermatogenesis regulator [Source:RGD Symbol;Acc:1592236]	2
ENSRNOG000000005036	373.48	332.48	414.48	1.25	0.32	0.022182	0.101657304	Atad2b	ATPase family, AAA domain containing 2B [Source:RGD Symbol;Acc:1566199]	2
ENSRNOG000000021903	116.26	111.79	120.72	1.08	0.11	0.546508	0.833646025	Atad5	ATPase family, AAA domain containing 5 [Source:RGD Symbol;Acc:1561464]	

ENSRNOG000000048522	1.97	2.09	1.85	0.89	-0.18	1	1	Avpr1b	arginine vasopressin receptor 1B [Source:RGD Symbol;Acc:61886]	1
ENSRNOG000000037270	13.53	9.31	17.75	1.91	0.93	0.021191	0.098274171	Avpr2	arginine vasopressin receptor 2 [Source:RGD Symbol;Acc:2186]	1
ENSRNOG000000009267	1468.81	1375.76	1561.86	1.14	0.18	0.048045	0.179588725	B3gnt2	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 2 [Source:RGD Symbol;Acc:1310077]	3
ENSRNOG000000008283	1738.13	1708.49	1767.77	1.03	0.05	0.051247	0.837379337	B4gal5	UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 5 [Source:RGD Symbol;Acc:1310062]	2
ENSRNOG000000006170	81.41	67.22	95.60	1.42	0.51	0.015954	0.078989219	Bach2	BTB and CNC homology 1, basic leucine zipper transcription factor 2 [Source:RGD Symbol;Acc:1562865]	2
ENSRNOG000000021147	1292.37	1328.56	1256.19	0.95	-0.08	0.374527	0.690762511	Bad	BCL2-associated agonist of cell death [Source:RGD Symbol;Acc:620103]	3
ENSRNOG000000008277	3031.42	3008.18	3054.66	1.02	0.02	0.804828		Bag1	BCL2-associated athanogene [Source:RGD Symbol;Acc:1305203]	2
ENSRNOG000000012709	310.68	302.66	318.70	1.05	0.07	0.628256	0.898999742	Bag2	Bcl2-associated athanogene 2 [Source:RGD Symbol;Acc:1585173]	5
ENSRNOG000000010428	735.06	743.57	726.55	0.98	-0.03	0.800623		Bahd1	bromo adjacent homology domain containing 1 [Source:RGD Symbol;Acc:1563127]	1
ENSRNOG000000012215	38.05	37.29	38.81	1.04	0.06	0.841955		Baiap2l2	BAI1-associated protein 2-like 2 [Source:RGD Symbol;Acc:1595091]	5
ENSRNOG000000016066	401.77	392.15	411.40	1.05	0.07	0.699104	0.94767667	Bambi	BMP and activin membrane-bound inhibitor [Source:RGD Symbol;Acc:621831]	1
ENSRNOG000000019140	1010.29	931.80	1088.78	1.17	0.22	0.020755	0.096701141	Banp	Btg3 associated nuclear protein [Source:RGD Symbol;Acc:1307464]	2
ENSRNOG000000020876	723.57	790.38	656.76	0.83	-0.27	0.014869	0.074637342	Bax	Bcl2-associated X protein [Source:RGD Symbol;Acc:2192]	2
ENSRNOG000000006828	153.01	164.42	141.60	0.86	-0.22	0.2529	0.550357561	Baz1a	bromodomain adjacent to zinc finger domain, 1A [Source:RGD Symbol;Acc:1306199]	2
ENSRNOG0000000048217	153.47	178.67	128.27	0.72	-0.48	0.009187	0.051582328	Bbc3	Bcl-2 binding component 3 [Source:RGD Symbol;Acc:631434]	2
ENSRNOG000000026171	1301.28	1282.69	1319.88	1.03	0.04	0.652623	0.917568787	Bbs4	Bardet-Biedl syndrome 4 [Source:RGD Symbol;Acc:1309134]	1
ENSRNOG000000007127	292.00	279.06	304.94	1.09	0.13	0.454549	0.77095117	Bbs5	Bardet-Biedl syndrome 5 [Source:RGD Symbol;Acc:1310718]	2
ENSRNOG000000015189	488.48	484.66	492.31	1.02	0.02	0.863991		Bbs9	Bardet-Biedl syndrome 9 [Source:RGD Symbol;Acc:1308472]	2
ENSRNOG000000020956	2305.39	2498.84	2111.95	0.85	-0.24	0.00367	0.024612766	Bcat2	branched chain amino acid transaminase 2, mitochondrial [Source:RGD Symbol;Acc:68948]	2
ENSRNOG000000007049	81.26	79.55	82.97	1.04	0.06	0.759811	0.987007509	Bcl11a	B-cell CLL/lymphoma 11A (zinc finger protein) [Source:RGD Symbol;Acc:1309923]	3
ENSRNOG000000028632	4.56	5.45	3.67	0.67	-0.57	0.391619	0.708973988	Bcl2l14	Bcl2-like 14 (apoptosis facilitator) [Source:RGD Symbol;Acc:1562777]	5
ENSRNOG000000043416	275.94	292.25	259.62	0.89	-0.17	0.266592	0.568213558	Bcl3	B-cell CLL/lymphoma 3 [Source:RGD Symbol;Acc:1589465]	2
ENSRNOG000000004488	1.84	2.77	0.91	0.33	-1.61	0.131323	0.362484496	Bdkrb1	bradykinin receptor B1 [Source:RGD Symbol;Acc:620401]	1
ENSRNOG000000047300	177.98	156.17	199.79	1.28	0.36	0.031417	0.131640175	Bdkrb2	bradykinin receptor B2 [Source:RGD Symbol;Acc:2201]	1
ENSRNOG000000047466	626.10	488.66	763.54	1.56	0.64	6.35E-08	1.57E-06	Bdnf	brain-derived neurotrophic factor [Source:RGD Symbol;Acc:2202]	6
ENSRNOG000000032019	28.70	22.41	34.98	1.56	0.64	0.036545	0.147401975	Bend4	BEN domain containing 4 [Source:RGD Symbol;Acc:1307318]	2
ENSRNOG000000013165	1015.20	1072.74	957.65	0.89	-0.16	0.094446	0.291418556	Bet1l	Bet1 golgi vesicular membrane trafficking protein-like [Source:RGD Symbol;Acc:71051]	2
ENSRNOG000000032729	4252.27	4163.20	4341.35	1.04	0.06	0.485737	0.790276032	Bex2	brain expressed X-linked 2 [Source:RGD Symbol;Acc:1564466]	2
ENSRNOG000000028608	164.10	165.18	163.02	0.99	-0.02	0.886077		Bex4	brain expressed, X-linked 4 [Source:RGD Symbol;Acc:1564479]	5
ENSRNOG000000022232	79.85	76.11	83.60	1.10	0.14	0.58142	0.863544806	Bhlh9	basic helix-loop-helix family, member a9 [Source:RGD Symbol;Acc:1311234]	1
ENSRNOG000000021745	19.14	25.20	13.09	0.52	-0.94	0.007943	0.045835421	Bhlhe22	basic helix-loop-helix family, member e22 [Source:RGD Symbol;Acc:1305451]	5
ENSRNOG000000010312	0.13	0.00	0.27	Inf	Inf	1		Bhlhe23	basic helix-loop-helix family, member e23 [Source:RGD Symbol;Acc:1559760]	3
ENSRNOG000000048961	497.20	463.83	530.58	1.14	0.19	0.122832	0.346367889	Bhlhe41	basic helix-loop-helix family, member e41 [Source:RGD Symbol;Acc:70900]	2
ENSRNOG000000012439	1471.02	1374.80	1567.24	1.14	0.19	0.040383	0.15847476	Bid	BH3 interacting domain death agonist [Source:RGD Symbol;Acc:620160]	5
ENSRNOG000000050819	98.26	111.61	84.91	0.76	-0.39	0.063211	0.219677728	Birc5	baculoviral IAP repeat-containing 5 [Source:RGD Symbol;Acc:70499]	2
ENSRNOG000000037160	719.08	668.52	769.63	1.15	0.20	0.06769	0.229884814	Bloc1s6	biogenesis of lysosomal organelles complex-1, subunit 6, pallidin [Source:RGD Symbol;Acc:1310208]	1
ENSRNOG000000024410	909.75	925.71	893.79	0.97	-0.05	0.661125	0.923921811	Blnrb	biliverdin reductase B (flavin reductase (NADPH)) [Source:RGD Symbol;Acc:1306080]	2
ENSRNOG000000002984	13.13	15.71	10.56	0.67	-0.57	0.130702	0.361434753	Bmp15	bone morphogenetic protein 15 [Source:RGD Symbol;Acc:70990]	3
ENSRNOG000000030155	4.14	5.40	2.87	0.53	-0.91	0.186324	0.457422413	Bmp8a	bone morphogenetic protein 8a [Source:RGD Symbol;Acc:1585858]	3
ENSRNOG000000019770	11.49	7.99	14.99	1.88	0.91	0.037313	0.149723704	Bnc1	basonuclin 1 [Source:RGD Symbol;Acc:1309042]	3
ENSRNOG000000010790	553.86	556.77	550.94	0.99	-0.02	0.873296		Bnip2	BCL2/adenovirus E1B interacting protein 2 [Source:RGD Symbol;Acc:1308944]	2
ENSRNOG000000002041	749.12	950.59	547.66	0.58	-0.80	5.96E-13	2.88E-11	Boc	BOC cell adhesion associated, oncogene regulated [Source:RGD Symbol;Acc:1304550]	2
ENSRNOG000000018214	1714.75	1770.63	1658.87	0.94	-0.09	0.262772	0.569432467	Bok	BCL2-related ovarian killer [Source:RGD Symbol;Acc:70984]	2
ENSRNOG000000010133	2379.61	2503.37	2255.86	0.90	-0.15	0.061669	0.216103036	Bpgm	2,3-bisphosphoglycerate mutase [Source:RGD Symbol;Acc:735018]	2
ENSRNOG000000046497	1713.08	1767.05	1659.11	0.94	-0.09	0.347892	0.664310515	Brap	BRCA1 associated protein [Source:RGD Symbol;Acc:1586551]	2
ENSRNOG000000020701	113.83	115.61	112.06	0.97	-0.05	0.811699		Brcal	breast cancer 1, early onset [Source:RGD Symbol;Acc:2218]	2
ENSRNOG000000015676	1910.10	1962.92	1857.28	0.95	-0.08	0.334244	0.647541313	Brd9	bromodomain containing 9 [Source:RGD Symbol;Acc:1307359]	2
ENSRNOG000000020703	1.69	2.20	1.19	0.54	-0.88	0.540711	0.83315454	Brdt	bromodomain, testis-specific [Source:RGD Symbol;Acc:1306678]	2
ENSRNOG00000001009	905.66	985.72	825.59	0.84	-0.26	0.013127	0.067648955	Bri3	brain protein 13 [Source:RGD Symbol;Acc:1309187]	2
ENSRNOG000000005592	1037.15	917.80	1156.50	1.26	0.33	0.00076	0.006797579	Bripn2	bone morphogenetic protein/retinoic acid inducible neural-specific 2 [Source:RGD Symbol;Acc:708419]	2
ENSRNOG000000028641	192.96	196.81	189.11	0.96	-0.06	0.804486		Bripf3	bromodomain and PHD finger containing, 3 [Source:RGD Symbol;Acc:1306868]	2
ENSRNOG000000023370	662.65	769.69	555.62	0.72	-0.47	2.27E-05	0.000327621	Bst2	bone marrow stromal cell antigen 2 [Source:RGD Symbol;Acc:727849]	2
ENSRNOG000000042163	184.02	204.50	163.53	0.80	-0.32	0.055276	0.19945387	Btdb19	BTB (POZ) domain containing 19 [Source:RGD Symbol;Acc:2320259]	2
ENSRNOG000000002728	25.99	24.49	27.50	1.12	0.17	0.586095	0.866721217	Btc	betacellulin [Source:RGD Symbol;Acc:620275]	3
ENSRNOG000000016912	1297.05	1306.80	1287.29	0.99	-0.02	0.730786	0.969208326	Btf3	basic transcription factor 3 [Source:RGD Symbol;Acc:1308095]	2
ENSRNOG000000033000	296.23	363.90	228.55	0.63	-0.67	5.18E-06	8.64E-05	Btg2	BTG family, member 2 [Source:RGD Symbol;Acc:2225]	4
ENSRNOG00000001555	517.11	505.20	529.03	1.05	0.07	0.648523	0.914614398	Btg3	BTG family, member 3 [Source:RGD Symbol;Acc:2226]	3
ENSRNOG000000032778	109.85	125.68	94.01	0.75	-0.42	0.039938	0.157112211	Bub1	BUB1 mitotic checkpoint serine/threonine kinase [Source:RGD Symbol;Acc:1311707]	2
ENSRNOG000000007906	26.96	40.79	13.14	0.32	-1.63	6.34E-07	1.32E-05	Bub1b	BUB1 mitotic checkpoint serine/threonine kinase B [Source:RGD Symbol;Acc:619791]	2
ENSRNOG000000043199	163.71	150.12	177.29	1.18	0.24	0.193139	0.467706823	Bves	blood vessel epidermal substance [Source:RGD Symbol;Acc:1561100]	3
ENSRNOG000000002316	45.74	51.63	39.85	0.77	-0.37	0.184911	0.454732439	C1ql4	complement component 1, q subcomponent-like 4 [Source:RGD Symbol;Acc:1565968]	5
ENSRNOG000000005094	14.97	23.22	6.72	0.29	-1.79	1.73E-05	0.00025472	C1qtnf7	C1q and tumor necrosis factor related protein 7 [Source:RGD Symbol;Acc:1306978]	3
ENSRNOG000000014382	2348.44	2248.42	2448.45	1.09	0.12	0.140399	0.379659296	C2cd5	C2 calcium-dependent domain containing 5 [Source:RGD Symbol;Acc:1304592]	2
ENSRNOG000000047800	104.56	135.78	73.34	0.54	-0.89	7.74E-06	0.000122874	C5ar1	complement component 5a receptor 1 [Source:RGD Symbol;Acc:70553]	1
ENSRNOG000000014787	0.11	0.00	0.22	Inf	Inf	1		C1bp5	calcium binding protein 5 [Source:RGD Symbol;Acc:1308108]	3
ENSRNOG000000046731	3000.57	2675.41	3325.72	1.24	0.31	5.60E-05	0.000730147	Cacna1a	calcium channel, voltage-dependent, P/Q type, alpha 1A subunit [Source:EntrezGene;Acc:25398]	1
ENSRNOG000000004560	3568.69	2986.92	4150.45	1.39	0.47	1.53E-09	5.19E-08	Cacna1b	calcium channel, voltage-dependent, N type, alpha 1B subunit [Source:RGD Symbol;Acc:628852]	6
ENSRNOG000000007090	572.59	550.43	594.75	1.08	0.11	0.034416	0.647579968	Cacna1c	calcium channel, voltage-dependent, L type, alpha 1C subunit [Source:RGD Symbol;Acc:2245]	5
ENSRNOG000000002863	36.44	24.12	48.75	2.02	1.01	0.000472	0.004556098	Cacna1e	calcium channel, voltage-dependent, R type, alpha 1E subunit [Source:RGD Symbol;Acc:2246]	4
ENSRNOG000000002981	213.96	268.73	159.19	0.59	-0.76	6.79E-06	0.000109445	Cacna1g	calcium channel, voltage-dependent, T type, alpha 1G subunit [Source:RGD Symbol;Acc:68942]	1
ENSRNOG000000033893	2816.72	2641.78	2991.65	1.13	0.18	0.025302	0.112398071	Cacna1h	calcium channel, voltage-dependent, T type, alpha 1H subunit [Source:RGD Symbol;Acc:68943]	1
ENSRNOG000000029914	145.92	109.45	182.39	1.67	0.74	6.51E-05	0.000832792	Cacna1i	calcium channel, voltage-dependent, T type, alpha 1I subunit [Source:RGD Symbol;Acc:68944]	5
ENSRNOG000000033531	929.16	643.24	1215.09	1.89	0.92	1.03E-19	7.90E-18	Cacna2d1	calcium channel, voltage-dependent, alpha2/delta subunit 1 [Source:RGD Symbol;Acc:2247]	7
ENSRNOG000000015835	1263.41	1065.32	1461.51	1.37	0.46	4.48E-07	9.62E-06	Cacna2d2	calcium channel, voltage-dependent, alpha 2/delta subunit 2 [Source:RGD Symbol;Acc:631360]	7
ENSRNOG000000031287	3297.65	3206.31	3388.98	1.06	0.08	0.30552	0.614547659	Cacna2d3	calcium channel, voltage-dependent, alpha2/delta subunit 3 [Source:RGD Symbol;Acc:631361]	1
ENSRNOG000000008031	38.97	33.55	44.40	1.32	0.40	0.166982	0.42590367	Cacna2d4	calcium channel, voltage-dependent, alpha 2/delta subunit 4 [Source:RGD Symbol;Acc:1562038]	1
ENSRNOG000000012489	12253.57	12270.00	12237.13	1.00	0.00	0.989928		Cacnb3	calcium channel, voltage-dependent, beta 3 subunit [Source:RGD Symbol;Acc:2248]	6
ENSRNOG000000006226	379.35	344.42	414.27	1.00	0.27	0.046526	0.17539782	Cacng2	calcium channel, voltage-dependent, gamma subunit 2 [Source:RGD Symbol;Acc:71095]	1
ENSRNOG000000018778	3467.77	3253.46	3682.08	1.13	0.18	0.02285	0.104106101	Cadml	cell adhesion molecule 1 [Source:RGD Symbol;Acc:1310999]	1
ENSRNOG000000007456	740.19	669.16	811.21	1.21	0.28	0.012138	0.06366283	Calb1	calbindin 1 [Source:RGD Symbol;Acc:69340]	5
ENSRNOG000000011130	25411.29	21733.71	29088.87	1.34	0.42	4.01E-07	8.64E-06	Calca	calcitonin-related polypeptide alpha [Source:RGD Symbol;Acc:2254]	1
ENSRNOG000000011074	3511.27	2989.16	4033.39	1.35	0.43	1.19E-07	2.82E-06	Calcb	calcitonin-related polypeptide, beta [Source:RGD Symbol;Acc:620997]	5
ENSRNOG000000004622	198.28	202.83	193.74	0.96	-0.07	0.678542	0.936240882	Calcr	calcitonin receptor-like [Source:RGD Symbol;Acc:2255]	1
ENSRNOG000000004060	84284.23	76541.55	90206.90	1.20	0.27	0.007468	0.043695793	Calm2	calmod	

ENSRNOG00000024277	127.12	147.41	106.82	0.72	-0.46	0.011783	0.062238272	Card11	caspase recruitment domain family, member 11 [Source:RGD Symbol;Acc:2323211]	5
ENSRNOG00000047367	156.48	174.13	138.84	0.80	-0.33	0.069857	0.235190477	Card14	caspase recruitment domain family, member 14 [Source:RGD Symbol;Acc:1591135]	2
ENSRNOG00000002610	3051.32	3105.96	2996.69	0.96	-0.05	0.467833	0.780237584	Carhsp1	calcium regulated heat stable protein 1 [Source:RGD Symbol;Acc:708415]	5
ENSRNOG00000017712	46.32	55.25	37.40	0.68	-0.56	0.036112	0.146130505	Cartpt	CART prepropeptide [Source:RGD Symbol;Acc:2272]	3
ENSRNOG00000037304	14.96	14.58	15.34	1.05	0.07	0.967708	1	Casc5	cancer susceptibility candidate 5 [Source:RGD Symbol;Acc:1307498]	2
ENSRNOG00000003195	6616.91	6476.12	6757.71	1.04	0.06	0.367175	0.683256511	Caskin1	CASK interacting protein 1 [Source:RGD Symbol;Acc:620191]	7
ENSRNOG00000007372	72.83	92.50	53.15	0.57	-0.80	0.000404	0.004004803	Casp1	caspase 1 [Source:RGD Symbol;Acc:2274]	2
ENSRNOG000000002265	141.29	105.64	176.95	1.67	0.74	5.24E-05	0.000689834	Casr	calcium-sensing receptor [Source:RGD Symbol;Acc:2277]	3
ENSRNOG00000013474	924.06	876.30	971.82	1.11	0.15	0.114627	0.332512371	Cas21	castor zinc finger 1 [Source:RGD Symbol;Acc:1563533]	1
ENSRNOG00000008364	4674.63	4172.26	5177.00	1.24	0.31	4.39E-05	0.000588296	Cat	catalase [Source:RGD Symbol;Acc:2279]	2
ENSRNOG00000001982	345.70	300.97	390.43	1.30	0.38	0.005647	0.034840401	Cblb	Cbl proto-oncogene B, E3 ubiquitin protein ligase [Source:RGD Symbol;Acc:620535]	5
ENSRNOG000000000010	149.96	144.62	155.30	1.07	0.10	0.614519	0.887248619	Cbln1	cerebellin 1 precursor [Source:RGD Symbol;Acc:1562813]	2
ENSRNOG000000047848	19.36	18.75	19.97	1.07	0.09	0.821184	1	Cbr1	carbonyl reductase 1 [Source:RGD Symbol;Acc:2286]	2
ENSRNOG00000001701	217.28	223.39	211.17	0.95	-0.08	0.614275	0.887022943	Cbr3	carbonyl reductase 3 [Source:RGD Symbol;Acc:1309728]	3
ENSRNOG000000015997	190.49	194.24	186.74	0.96	-0.06	0.791038	1	Ccdc106	coiled-coil domain containing 106 [Source:RGD Symbol;Acc:1566222]	5
ENSRNOG000000009433	384.56	373.23	395.90	1.06	0.09	0.535655	0.83315454	Ccdc109b	coiled-coil domain containing 109B [Source:RGD Symbol;Acc:1305326]	2
ENSRNOG000000003559	248.07	237.67	258.48	1.09	0.12	0.424323	0.74470919	Ccdc112	coiled-coil domain containing 112 [Source:RGD Symbol;Acc:1561942]	2
ENSRNOG000000020946	483.53	501.70	465.37	0.93	-0.11	0.357057	0.672307646	Ccdc12	coiled-coil domain containing 12 [Source:RGD Symbol;Acc:1306801]	2
ENSRNOG000000009687	202.59	216.26	188.91	0.87	-0.20	0.237965	0.530704828	Ccdc120	coiled-coil domain containing 120 [Source:RGD Symbol;Acc:1561596]	2
ENSRNOG000000007262	210.11	241.97	178.24	0.74	-0.44	0.007348	0.043145101	Ccdc134	coiled-coil domain containing 134 [Source:RGD Symbol;Acc:1559657]	2
ENSRNOG000000028581	112.54	124.64	100.44	0.81	-0.31	0.125315	0.350725943	Ccdc138	coiled-coil domain containing 138 [Source:RGD Symbol;Acc:1566050]	2
ENSRNOG00000012580	792.12	675.11	909.13	1.35	0.43	3.70E-05	0.000506872	Ccdc141	coiled-coil domain containing 141 [Source:RGD Symbol;Acc:1593250]	2
ENSRNOG000000033445	355.31	319.08	391.53	1.23	0.30	0.03571	0.144850703	Ccdc171	coiled-coil domain containing 171 [Source:RGD Symbol;Acc:1309931]	2
ENSRNOG00000007404	343.25	363.59	322.91	0.89	-0.17	0.230852	0.522387445	Ccdc23	coiled-coil domain containing 23 [Source:RGD Symbol;Acc:1311232]	2
ENSRNOG000000050151	31.56	30.26	32.86	1.09	0.12	0.712364	0.957439891	Ccdc40	coiled-coil domain containing 40 [Source:RGD Symbol;Acc:1592112]	5
ENSRNOG000000002748	651.38	624.70	678.06	1.09	0.12	0.312514	0.623070895	Ccdc43	coiled-coil domain containing 43 [Source:RGD Symbol;Acc:1311298]	2
ENSRNOG000000021381	203.12	208.11	198.13	0.95	-0.07	0.652726	0.917568787	Ccdc68	coiled-coil domain containing 68 [Source:RGD Symbol;Acc:1561424]	5
ENSRNOG000000005713	637.35	578.63	696.06	1.20	0.27	0.021907	0.100773641	Ccdc82	coiled-coil domain containing 82 [Source:RGD Symbol;Acc:1359666]	2
ENSRNOG0000000003374	471.79	433.40	510.18	1.18	0.24	0.053881	0.195896908	Ccdc85a	coiled-coil domain containing 85A [Source:RGD Symbol;Acc:1311700]	2
ENSRNOG000000050233	1278.85	1371.43	1186.27	0.86	-0.21	0.026465	0.116195123	Cchcr1	coiled-coil alpha-helical rod protein 1 [Source:RGD Symbol;Acc:1302992]	1
ENSRNOG000000019321	25.21	26.43	24.00	0.91	-0.14	0.741612	0.976583906	Cck	cholecystokinin [Source:RGD Symbol;Acc:2288]	1
ENSRNOG000000043124	324.25	305.39	343.11	1.12	0.17	0.239963	0.532456505	Cckar	cholecystokinin A receptor [Source:RGD Symbol;Acc:2289]	6
ENSRNOG000000017679	44.36	42.08	46.64	1.11	0.15	0.481302	0.786232286	Cckbr	cholecystokinin B receptor [Source:RGD Symbol;Acc:2290]	6
ENSRNOG0000000021851	1.96	1.51	2.40	1.59	0.67	0.59701	0.873432296	Ccl1	chemokine (C-C motif) ligand 1 [Source:RGD Symbol;Acc:1586495]	3
ENSRNOG000000007159	413.65	342.52	484.77	1.42	0.50	0.000276	0.002916567	Ccl2	chemokine (C-C motif) ligand 2 [Source:RGD Symbol;Acc:3645]	4
ENSRNOG000000011205	1.02	1.78	0.26	1.14	-2.79	0.075778	0.249256206	Ccl3	chemokine (C-C motif) ligand 3 [Source:RGD Symbol;Acc:3647]	4
ENSRNOG000000011406	4.07	4.81	3.33	0.69	-0.53	0.446456	0.763786055	Ccl4	chemokine (C-C motif) ligand 4 [Source:RGD Symbol;Acc:620441]	4
ENSRNOG000000010906	32.36	44.13	20.59	0.47	-1.10	0.000304	0.003148263	Ccl5	chemokine (C-C motif) ligand 5 [Source:RGD Symbol;Acc:69069]	6
ENSRNOG000000015423	52.04	67.67	36.41	0.54	-0.89	0.000395	0.003934452	Ccna2	cyclin A2 [Source:RGD Symbol;Acc:621059]	2
ENSRNOG000000012678	8.99	10.33	7.65	0.74	-0.43	0.396277	0.71505569	Ccnb2	cyclin B2 [Source:RGD Symbol;Acc:1308176]	2
ENSRNOG000000007483	100.04	106.87	93.21	0.87	-0.20	0.346902	0.663084233	Ccnf	cyclin F [Source:RGD Symbol;Acc:67401]	2
ENSRNOG0000000003893	43.70	43.57	43.84	1.01	0.01	1	1	Ccnj1	cyclin J-like [Source:RGD Symbol;Acc:1561384]	2
ENSRNOG000000011586	997.42	1053.33	941.52	0.89	-0.16	0.101116	0.305102713	Ccnl1	cyclin L1 [Source:RGD Symbol;Acc:620864]	2
ENSRNOG000000018691	3032.18	3358.25	2706.11	0.81	-0.31	8.14E-05	0.001008805	Ccnl2	cyclin L2 [Source:RGD Symbol;Acc:1309149]	2
ENSRNOG000000027405	1534.31	1387.41	1681.21	1.21	0.28	0.002123	0.015846826	Ccp110	centriolar coiled coil protein 110kDa [Source:RGD Symbol;Acc:1310509]	2
ENSRNOG000000006715	10.84	19.53	2.14	0.11	-3.19	1.52E-09	5.15E-08	Ccr1	chemokine (C-C motif) receptor 1 [Source:RGD Symbol;Acc:708446]	1
ENSRNOG000000010665	6.11	10.24	1.99	0.19	-2.36	8.31E-05	0.00102678	Ccr7	chemokine (C-C motif) receptor 7 [Source:RGD Symbol;Acc:735151]	1
ENSRNOG000000007523	26.26	22.47	30.05	1.34	0.42	0.17677	0.442238311	Cct6b	chaperonin containing Tcp1, subunit 6B [zeta 2] [Source:RGD Symbol;Acc:1359453]	1
ENSRNOG0000000017819	66.67	84.01	49.34	0.59	-0.77	0.000925	0.007983446	Cd14	CD14 molecule [Source:RGD Symbol;Acc:620588]	2
ENSRNOG000000003298	4.58	5.98	3.19	0.53	-0.91	0.15971	0.414262351	Cd247	Cd247 molecule [Source:RGD Symbol;Acc:2305]	2
ENSRNOG000000016112	157.23	108.04	206.43	1.91	0.93	2.76E-07	6.17E-06	Cd274	CD274 molecule [Source:RGD Symbol;Acc:1566211]	1
ENSRNOG0000000037331	47.92	52.99	42.84	0.81	-0.31	0.192197	0.46612322	Cd33	CD33 molecule [Source:RGD Symbol;Acc:1596020]	2
ENSRNOG000000040108	73.88	104.82	42.94	0.41	-1.29	2.04E-08	5.55E-07	Cd36	CD36 molecule (thrombospondin receptor) [Source:RGD Symbol;Acc:2301]	2
ENSRNOG000000003069	100.76	96.05	105.46	1.10	0.13	0.653474	0.917657744	Cd38	CD38 molecule [Source:RGD Symbol;Acc:2303]	1
ENSRNOG000000016294	360.66	436.73	284.58	0.65	-0.62	1.68E-06	3.15E-05	Cd4	CD4 molecule [Source:RGD Symbol;Acc:2306]	1
ENSRNOG000000018488	27.36	32.53	22.19	0.68	-0.55	0.082259	0.263846592	Cd40	CD40 molecule, TNF receptor superfamily member 5 [Source:RGD Symbol;Acc:619830]	1
ENSRNOG000000006094	2233.40	2086.58	2380.21	1.14	0.19	0.034813	0.14210398	Cd44	CD44 molecule [Source:RGD Symbol;Acc:2307]	5
ENSRNOG00000001964	1091.67	1063.41	1119.93	1.05	0.07	0.419198	0.739588613	Cd47	Cd47 molecule [Source:RGD Symbol;Acc:2308]	5
ENSRNOG000000003927	2812.71	2309.87	3315.54	1.44	0.52	4.20E-10	1.52E-08	Cd55	Cd55 molecule [Source:RGD Symbol;Acc:620651]	3
ENSRNOG000000020884	52.50	54.36	50.63	0.93	-0.10	0.61825	0.890377816	Cd6	CD6 molecule [Source:RGD Symbol;Acc:2312]	5
ENSRNOG000000000047	4313.70	4508.85	4118.55	0.91	-0.13	0.008737	0.275759313	Cd82	CD82 molecule [Source:RGD Symbol;Acc:69070]	5
ENSRNOG000000004489	408.77	508.87	308.66	0.61	-0.72	2.99E-08	7.85E-07	Cd97	CD97 molecule [Source:RGD Symbol;Acc:1305595]	2
ENSRNOG000000027787	33.72	41.96	25.47	0.61	-0.72	0.016838	0.082433639	Cdc6	cell division cycle 6 [Source:RGD Symbol;Acc:1309157]	2
ENSRNOG000000002105	134.21	136.10	132.33	0.97	-0.04	0.808122	1	Cdc7	cell division cycle 7 [Source:RGD Symbol;Acc:1308351]	2
ENSRNOG000000015529	36.25	51.78	20.72	0.40	-1.32	3.45E-06	6.09E-05	Cdca3	cell division cycle associated 3 [Source:RGD Symbol;Acc:1359093]	2
ENSRNOG000000031431	109.59	127.03	92.15	0.73	-0.46	0.023573	0.106754326	Cdca8	cell division cycle associated 8 [Source:RGD Symbol;Acc:1566306]	2
ENSRNOG0000000020151	9777.32	9992.38	9562.26	0.96	-0.06	0.381706	0.697452011	Cdh1	cadherin 1 [Source:RGD Symbol;Acc:69279]	5
ENSRNOG0000000009771	210.19	180.89	239.50	1.32	0.40	0.016325	0.080409897	Cdh10	cadherin 10 [Source:RGD Symbol;Acc:619741]	2
ENSRNOG0000000038337	214.90	173.39	256.42	1.48	0.56	0.000874	0.007610083	Cdh9	cadherin 9, type 2, T1-cadherin [Source:RGD Symbol;Acc:1308343]	5
ENSRNOG000000000632	65.31	86.66	43.96	0.51	-0.98	5.59E-05	0.000729937	Cdk1	cyclin-dependent kinase 1 [Source:RGD Symbol;Acc:2319]	2
ENSRNOG000000022899	476.50	434.07	518.94	1.20	0.26	0.028925	0.124036715	Cdk15	cyclin-dependent kinase 15 [Source:RGD Symbol;Acc:1306205]	5
ENSRNOG000000008017	4069.66	4086.32	4053.00	0.99	-0.01	0.889558	1	Cdk5	cyclin-dependent kinase 5 [Source:RGD Symbol;Acc:70514]	1
ENSRNOG000000021685	426.81	406.11	447.52	1.10	0.14	0.260886	0.561173678	Cdk5r1	cyclin-dependent kinase 5, regulatory subunit 1 (p35) [Source:RGD Symbol;Acc:629472]	1
ENSRNOG000000038720	486.15	442.87	529.43	1.20	0.26	0.037239	0.149539023	Cdk11	cyclin-dependent kinase-like 1 (CDC2-related kinase) [Source:RGD Symbol;Acc:1305080]	3
ENSRNOG000000000521	152.35	151.76	152.94	1.01	0.01	0.977524	1	Cdkn1a	cyclin-dependent kinase inhibitor 1A [Source:RGD Symbol;Acc:69328]	6
ENSRNOG0000000021265	1624.77	1536.68	1712.86	1.11	0.16	0.068021	0.230485856	Cds2	CDP-diacylglycerol synthase (phosphatidate cytidylyltransferase) 2 [Source:RGD Symbol;Acc:6221186]	5
ENSRNOG000000013970	99.06	122.10	76.02	0.62	-0.68	0.001001	0.008540751	Cdt1	chromatin licensing and DNA replication factor 1 [Source:RGD Symbol;Acc:1309211]	2
ENSRNOG0000000032215	173.52	177.54	169.49	0.95	-0.07	0.68955	0.943449877	Cdyl	chromodomain protein, Y-like [Source:RGD Symbol;Acc:1549745]	2
ENSRNOG000000042888	97.49	84.34	110.64	1.31	0.39	0.060473	0.212904686	Cdyl2	chromodomain protein, Y-like 2 [Source:RGD Symbol;Acc:1309548]	2
ENSRNOG000000020578	281.82	308.45	255.19	0.83	-0.27	0.050943	0.18768262	Ceacam1	carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein) [Source:RGD Symbol;Acc:2326]	2
ENSRNOG000000010918	74.46	83.97	64.96	0.77	-0.37	0.106184	0.315629906	Cebpa	CCAAT/enhancer binding protein (C/EBP), alpha [Source:RGD Symbol;Acc:2326]	2
ENSRNOG000000020875	214.44	217.83	211.06	0.97	-0.05	0.865744	1	Celf3	CUGBP, Elav-like family member 3 [Source:RGD Symbol;Acc:1563168]	5
ENSRNOG000000014503	438.05	393.09	483.00	1.23	0.30	0.020661	0.09641366	Celf4	CUGBP, Elav-like family member 4 [Source:RGD Symbol;Acc:1307630]	3
ENSRNOG000000004695	375.19	309.09	441.28	1.43	0.51	0.000117	0.001381131	Celf5	CUGBP, Elav-like family member 5 [Source:RGD Symbol;Acc:1565016]	5
ENSRNOG000000010817	847.10	793.03	901.18	1.14	0.18	0.073826	0.244			

ENSRNOG00000026604	331.77	387.74	275.81	0.71	-0.49	0.000607	0.005624156	Cercam	cerebral endothelial cell adhesion molecule [Source:RGD Symbol;Acc:1304778]	2
ENSRNOG00000013808	14.40	13.53	15.28	1.13	0.18	0.660318	0.923331519	Ces2g	carboxylesterase 2G [Source:RGD Symbol;Acc:1308358]	2
ENSRNOG00000025710	41.65	39.52	43.77	1.11	0.15	0.622381	0.893901042	Ces5a	carboxylesterase 5A [Source:RGD Symbol;Acc:1549717]	3
ENSRNOG00000007923	1097.39	1091.21	1103.57	1.01	0.02	0.956696		Cgref1	cell growth regulator with EF hand domain 1 [Source:RGD Symbol;Acc:620801]	3
ENSRNOG00000001531	330.07	288.03	372.10	1.29	0.37	0.01228	0.064201644	Chac2	ChaC, cation transport regulator homolog 2 (E. coli) [Source:RGD Symbol;Acc:1309120]	2
ENSRNOG00000046479	414.55	444.64	384.47	0.86	-0.21	0.098767	0.300017428	Chaf1a	chromatin assembly factor 1, subunit A (p150) [Source:RGD Symbol;Acc:1590865]	2
ENSRNOG00000009722	2755.22	2815.28	2695.16	0.96	-0.06	0.440213	0.759346741	Chd3	chromodomain helicase DNA binding protein 3 [Source:RGD Symbol;Acc:1311923]	2
ENSRNOG00000011268	938.70	887.41	989.99	1.12	0.16	0.098468	0.29952033	Chd5	chromodomain helicase DNA binding protein 5 [Source:RGD Symbol;Acc:1582725]	2
ENSRNOG00000000818	113.34	101.08	125.59	1.24	0.31	0.134938	0.369983843	Chek1	checkpoint kinase 1 [Source:RGD Symbol;Acc:620545]	2
ENSRNOG000000037430	1554.46	1490.18	1618.73	1.09	0.12	0.181681	0.449275855	Chfr	checkpoint with forkhead and ring finger domains, E3 ubiquitin protein ligase [Source:RGD Symbol;Acc:1	2
ENSRNOG00000003162	1.15	2.31	0.00	0.00	#NAME?	0.005452	0.033907791	Chia	chitinase, acidic [Source:RGD Symbol;Acc:1303058]	3
ENSRNOG00000028072	54.52	69.41	39.64	0.57	-0.81	0.001076	0.009031269	Chit1	chitinase 1 (chitotriosidase) [Source:RGD Symbol;Acc:1305646]	3
ENSRNOG000000016791	1675.35	1607.67	1743.03	1.08	0.12	0.198511	0.47602821	Chka	choline kinase alpha [Source:RGD Symbol;Acc:61944]	2
ENSRNOG00000018385	2.94	4.01	1.88	0.47	-1.09	0.222902	0.511052439	Chrm1	cholinergic receptor, muscarinic 1 [Source:RGD Symbol;Acc:2342]	1
ENSRNOG00000046972	4.09	2.35	5.84	2.49	1.32	0.060813	0.21378037	Chrm2	cholinergic receptor, muscarinic 2 [Source:RGD Symbol;Acc:620023]	1
ENSRNOG000000049410	87.63	80.02	95.24	1.19	0.25	0.241823	0.534610732	Chrm3	cholinergic receptor, muscarinic 3 [Source:RGD Symbol;Acc:2343]	1
ENSRNOG00000017556	158.45	154.44	162.46	1.05	0.07	0.674668	0.932825489	Chrm4	cholinergic receptor, muscarinic 4 [Source:RGD Symbol;Acc:2344]	2
ENSRNOG00000017556	158.45	154.44	162.46	1.05	0.07	0.674668	0.932825489	Chrm4	cholinergic receptor, muscarinic 4 [Source:RGD Symbol;Acc:2344]	4
ENSRNOG00000006397	4.95	4.56	5.34	1.17	0.23	0.737772	0.97447342	Chrm5	cholinergic receptor, muscarinic 5 [Source:RGD Symbol;Acc:620027]	1
ENSRNOG00000011202	141.29	144.23	138.35	0.96	-0.06	0.855977		Chrna4	cholinergic receptor, nicotinic, alpha 4 (neuronal) [Source:RGD Symbol;Acc:2346]	6
ENSRNOG00000013610	217.80	189.47	246.13	1.30	0.38	0.026012	0.114832292	Chrna5	cholinergic receptor, nicotinic, alpha 5 (neuronal) [Source:RGD Symbol;Acc:2347]	1
ENSRNOG00000012283	961.66	839.70	1083.62	1.29	0.37	0.000316	0.003253042	Chrna6	cholinergic receptor, nicotinic, alpha 6 (neuronal) [Source:RGD Symbol;Acc:69281]	1
ENSRNOG00000020778	2379.19	2195.92	2562.46	1.17	0.22	0.004209	0.027505105	Chrnb2	cholinergic receptor, nicotinic, beta 2 (neuronal) [Source:RGD Symbol;Acc:62350]	7
ENSRNOG00000012448	362.60	235.27	489.94	2.08	1.06	2.07E-14	1.17E-12	Chrnb3	cholinergic receptor, nicotinic, beta 3 (neuronal) [Source:RGD Symbol;Acc:621544]	3
ENSRNOG00000014427	446.06	347.54	544.57	1.57	0.65	2.33E-07	5.29E-06	Chrnb4	cholinergic receptor, nicotinic, beta 4 (neuronal) [Source:RGD Symbol;Acc:2351]	1
ENSRNOG000000003777	721.52	715.78	727.26	1.02	0.02	0.920687		Chrne	cholinergic receptor, nicotinic, epsilon (muscle) [Source:RGD Symbol;Acc:2353]	3
ENSRNOG00000022485	778.08	743.13	813.03	1.09	0.13	0.234242	0.526724006	Chuk	conserved helix-loop-helix ubiquitous kinase [Source:RGD Symbol;Acc:1306661]	6
ENSRNOG00000036894	1257.17	1270.79	1243.55	0.98	-0.03	0.711088	0.95627511	Cisd3	CDGSH iron sulfur domain 3 [Source:RGD Symbol;Acc:1559720]	2
ENSRNOG00000046607	15.95	17.31	14.59	0.84	-0.25	0.558166	0.842943624	Cited4	Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 4 [Source:RGD	3
ENSRNOG000000204650	26.58	32.23	20.94	0.65	-0.62	0.043106	0.166540788	Ckap2	Symbl;Acc:620113]	2
ENSRNOG000000026143	49.64	53.79	45.49	0.85	-0.24	0.343835	0.659017542	Ckap2l	cytoskeleton associated protein 2 [Source:RGD Symbol;Acc:1311631]	2
ENSRNOG00000016067	5804.14	5368.85	6239.43	1.16	0.22	0.005034	0.031791186	Ckap5	cytoskeleton associated protein 2-like [Source:RGD Symbol;Acc:1590645]	2
ENSRNOG000000042561	177.02	177.61	176.42	0.99	-0.01	0.972198		Cks1b	cytoskeleton associated protein 5 [Source:RGD Symbol;Acc:1563596]	2
ENSRNOG00000013771	52.61	45.46	59.76	1.31	0.39	0.12607	0.35209846	Clca2	CDC28 protein kinase regulatory subunit 1B [Source:RGD Symbol;Acc:1561797]	2
ENSRNOG000000029889	1.52	1.59	1.44	0.91	-0.14	1		C1ca4	chloride channel accessory 2 [Source:RGD Symbol;Acc:1304894]	3
ENSRNOG00000013334	4.17	5.72	2.63	0.46	-1.12	0.10638	0.315819456	C1ca5	chloride channel accessory 4 [Source:RGD Symbol;Acc:1303234]	3
ENSRNOG000000008345	3150.96	2931.55	3370.36	1.15	0.20	0.009054	0.051039104	C1cn6	chloride channel accessory 5 [Source:RGD Symbol;Acc:621100]	3
ENSRNOG000000003755	2029.83	1785.78	2273.87	1.27	0.35	5.38E-05	0.000705654	C1gn	chloride channel, voltage-sensitive 6 [Source:RGD Symbol;Acc:1305379]	1
ENSRNOG00000025768	3756.38	3538.16	3974.60	1.12	0.17	0.038089	0.151995581	Clk1	calmegin [Source:RGD Symbol;Acc:1592643]	5
ENSRNOG000000020500	887.22	989.87	784.56	0.79	-0.34	0.001056	0.008906827	Clk2	CDC-like kinase 1 [Source:RGD Symbol;Acc:1311469]	2
ENSRNOG000000030126	1984.71	2109.47	1859.95	0.88	-0.18	0.032045	0.133845147	Clk3	CDC-like kinase 2 [Source:RGD Symbol;Acc:1359711]	2
ENSRNOG000000030714	1106.33	1067.75	1144.92	1.07	0.10	0.345708	0.661580652	Clk4	CDC-like kinase 3 [Source:RGD Symbol;Acc:621259]	2
ENSRNOG00000011201	54.44	57.80	51.08	0.88	-0.18	0.492496	0.187623267	Cmnt8	CDC-like kinase 4 [Source:RGD Symbol;Acc:1310274]	2
ENSRNOG00000017582	1.38	1.78	0.97	0.55	-0.87	0.513429	0.813794125	Cnga3	CK1F-like MARVEL transmembrane domain containing 8 [Source:RGD Symbol;Acc:735040]	5
ENSRNOG00000020247	621.15	601.31	640.98	1.07	0.09	0.424126	0.744486799	Cnih2	cyclic nucleotide gated channel alpha 3 [Source:RGD Symbol;Acc:70948]	4
ENSRNOG000000008223	1528.78	1247.01	1810.55	1.45	0.54	1.27E-09	4.33E-08	Cnr1	cornichon family AMPA receptor auxiliary protein 2 [Source:RGD Symbol;Acc:1304930]	5
ENSRNOG000000009260	34.45	45.15	23.76	0.53	-0.93	0.001136	0.009428537	Cnr2	cannabinoid receptor 1 (brain) [Source:RGD Symbol;Acc:2369]	1
ENSRNOG000000006144	264.59	236.73	292.44	1.24	0.30	0.050323	0.187643957	Cntn3	cannabinoid receptor 2 (macrophage) [Source:RGD Symbol;Acc:619713]	1
ENSRNOG000000004281	1322.22	1203.90	1440.54	1.20	0.26	0.005915	0.036261804	Cobl	contactin 3 (plasmacytoma associated) [Source:RGD Symbol;Acc:3253]	2
ENSRNOG000000000545	43.03	68.45	17.60	0.26	-1.96	1.15E-11	4.87E-10	Col10a1	cord-on-bleu WH2 repeat protein [Source:RGD Symbol;Acc:1312002]	2
ENSRNOG000000000463	728.72	891.52	565.91	0.63	-0.66	8.38E-09	1.21E-07	Col11a2	collagen, type X, alpha 1 [Source:RGD Symbol;Acc:2371]	3
ENSRNOG000000014143	654.09	762.18	546.00	0.72	-0.48	1.95E-05	0.000284206	Col24a1	collagen, type XI, alpha 2 [Source:RGD Symbol;Acc:2373]	1
ENSRNOG000000012920	323.14	385.22	261.06	0.68	-0.56	3.41E-05	0.000470214	Col9a1	collagen, type XXIV, alpha 1 [Source:RGD Symbol;Acc:1565539]	2
ENSRNOG00000001889	2760.82	2673.25	2848.39	1.07	0.09	0.255739	0.554126951	Comt	collagen, type IX, alpha 1 [Source:RGD Symbol;Acc:1309425]	1
ENSRNOG000000209571	798.55	821.54	775.56	0.94	-0.08	0.429739	0.748464491	Coq10a	catechol-O-methyltransferase [Source:RGD Symbol;Acc:2379]	1
ENSRNOG000000019430	2356.58	2542.13	2171.03	0.85	-0.23	0.004172	0.02731954	Coro1a	coenzyme Q10 homolog A (S. cerevisiae) [Source:RGD Symbol;Acc:1562447]	1
ENSRNOG000000008901	853.33	771.74	934.92	1.21	0.28	0.006766	0.040418008	Coro2a	coronin, actin binding protein 1A [Source:RGD Symbol;Acc:620009]	2
ENSRNOG00000013439	126.69	109.22	144.16	1.32	0.40	0.034392	0.140765115	Cpn1	coronin, actin binding protein 2A [Source:RGD Symbol;Acc:1309719]	5
ENSRNOG000000043286	1262.14	1246.85	1277.43	1.02	0.03	0.667757	0.92853425	Cpne2	carboxypeptidase N, polypeptide 1 [Source:RGD Symbol;Acc:70931]	7
ENSRNOG000000006298	621.03	495.66	746.39	1.51	0.59	1.25E-07	2.97E-06	Cpne3	copine II [Source:RGD Symbol;Acc:1586036]	5
ENSRNOG000000005222	532.45	515.70	549.19	1.06	0.09	0.412782	0.732083607	Cpne5	copine III [Source:RGD Symbol;Acc:1310178]	5
ENSRNOG00000026128	566.18	531.95	600.40	1.13	0.17	0.14497	0.388670478	Cpne8	copine V [Source:RGD Symbol;Acc:1308021]	5
ENSRNOG00000023077	404.26	391.54	416.98	1.06	0.09	0.459367	0.775315279	Cpne9	copine VIII [Source:RGD Symbol;Acc:1307939]	2
ENSRNOG0000001654	646.43	618.40	674.46	1.09	0.13	0.276176	0.581041775	Cpox	copine family member IX [Source:RGD Symbol;Acc:1309212]	2
ENSRNOG00000000985	281.70	326.19	237.22	0.73	-0.46	0.002114	0.015797536	Cpsf4	coproporphyrinogen oxidase [Source:RGD Symbol;Acc:1311817]	2
ENSRNOG00000013412	356.70	309.54	403.86	1.30	0.38	0.006508	0.039211409	Creb1	cleavage and polyadenylation specific factor 4 [Source:RGD Symbol;Acc:620440]	2
ENSRNOG00000018987	1234.85	1240.01	1229.69	0.99	-0.01	0.910498		Crebzf1	cAMP responsive element binding protein 1 [Source:RGD Symbol;Acc:620218]	1
ENSRNOG000000009414	5674.63	5758.07	5591.19	0.97	-0.04	0.564416	0.848480852	Credl1	CREB/ATF bZIP transcription factor [Source:RGD Symbol;Acc:1565584]	2
ENSRNOG00000012703	8.00	6.09	9.90	1.63	0.70	0.255897	0.554411812	Crh	cysteine-rich with EGF-like domains 1 [Source:RGD Symbol;Acc:1309412]	1
ENSRNOG00000017890	2.43	2.58	2.27	0.88	-0.18	0.890361		Crhbp	corticotropin releasing hormone [Source:RGD Symbol;Acc:620505]	2
ENSRNOG000000004900	44.47	48.41	40.53	0.84	-0.26	0.360991	0.676842259	Crhrl1	corticotropin releasing hormone binding protein [Source:RGD Symbol;Acc:2403]	1
ENSRNOG00000011145	65.48	79.33	51.62	0.65	-0.62	0.00977	0.054163141	Crhr2	corticotropin releasing hormone receptor 1 [Source:RGD Symbol;Acc:61276]	1
ENSRNOG000000005041	12518.95	12853.49	12184.41	0.95	-0.08	0.303691	0.61248951	Crip2	corticotropin releasing hormone receptor 2 [Source:RGD Symbol;Acc:70547]	4
ENSRNOG000000004781	4017.17	3951.94	4082.39	1.03	0.05	0.535961	0.83315454	Crmp1	cysteine-rich protein 2 [Source:RGD Symbol;Acc:1302959]	6
ENSRNOG000000008334	444.00	501.41	386.59	0.77	-0.38	0.003825	0.025521938	Crocc	collapsin response mediator protein 1 [Source:RGD Symbol;Acc:2407]	2
ENSRNOG000000047175	45.19	46.95	43.43	0.93	-0.11	0.66952	0.929745571	Cryaa	ciliary rootlet coiled-coil, rootletin [Source:RGD Symbol;Acc:1305364]	2
ENSRNOG00000026805	0.47	0.24	0.70	2.93	1.55	0.693241	0.943449877	Csf2	crystallin, alpha A [Source:RGD Symbol;Acc:2413]	1
ENSRNOG00000049782	186.35	236.89	135.81	0.57	-0.80	2.78E-06	5.00E-05	Csf2ra	colony stimulating factor 2 (granulocyte-macrophage) [Source:RGD Symbol;Acc:621065]	1
ENSRNOG00000000187	36.73	56.37	17.09	0.30	-1.72	6.52E-09	1.95E-07	Csf2rb	colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage) [Source:RGD	2
ENSRNOG00000019374	3594.12	3594.81	3593.44	1.00	0.00	0.982692		Csk	Symbl;Acc:620189]	1
ENSRNOG00000017106	6197.53	5938.01	6457.06	1.09	0.12	0.111439	0.331992597	Csnk1a1	c-src tyrosine kinase [Source:RGD Symbol;Acc:1308800]	1
ENSRNOG00000013076	1109.60	1137.77	1081.44	0.95	-0.07	0.474205	0.780237584	Csnk1e	casein kinase 1, alpha 1 [Source:RGD Symbol;Acc:71098]	1
ENSRNOG000000021718	628.64	614.68	642.61	1.05	0.06	0.57251	0.855770831	Csp1	casein kinase 1, epsilon [Source:RGD Symbol;Acc:62045]	6
ENSRNOG000000005359	53.36	39.60	67.11	1.69	0.76	0.001979	0.014963694	Csrnp3	centrosome and spindle pole associated protein 1 [Source:RGD Symbol;Acc:1307055]	2
ENSRNOG00000012089	472.10	437.00	507.20	1.16	0.21	0.093995				

ENSRNOG00000002792	2.05	3.09	1.02	0.33	-1.60	0.090923	0.284093942	Cxcl2	chemokine (C-X-C motif) ligand 2 [Source:RGD Symbol;Acc:70069]	3
ENSRNOG000000045764	422.41	367.35	477.48	1.30	0.38	0.003621	0.024343097	Cxcr4	CXCR4 finger protein 4 [Source:RGD Symbol;Acc:69228]	6
ENSRNOG00000003622	134.52	191.46	77.58	0.41	-1.30	1.00E-11	4.30E-10	Cybb	cytochrome b-245, beta polypeptide [Source:RGD Symbol;Acc:620574]	1
ENSRNOG000000000196	1.87	3.03	0.71	0.23	-2.10	0.045844	0.173560443	Cyp19a1	cytochrome P450, family 19, subfamily a, polypeptide 3 [Source:RGD Symbol;Acc:2457]	1
ENSRNOG000000013291	3.21	2.74	3.68	1.34	0.43	0.735929	0.972754823	Cyp2c23	cytochrome P450, family 2, subfamily c, polypeptide 23 [Source:RGD Symbol;Acc:620370]	1
ENSRNOG000000029128	1.36	1.97	0.75	0.38	-1.39	0.227625	0.517377347	Cyp2d5	cytochrome P450, family 2, subfamily d, polypeptide 5 [Source:RGD Symbol;Acc:628630]	1
ENSRNOG000000012458	1.55	2.61	0.49	0.19	-2.41	0.04719	0.177272797	Cyp2e1	cytochrome P450, family 2, subfamily e, polypeptide 1 [Source:RGD Symbol;Acc:2475]	1
ENSRNOG000000042224	505.62	517.48	493.76	0.95	-0.07	0.61834	0.890386313	Cyp2j10	cytochrome P450, family 2, subfamily j, polypeptide 10 [Source:RGD Symbol;Acc:1563215]	2
ENSRNOG000000010519	271.16	287.44	254.88	0.89	-0.17	0.247945	0.543570473	Cyp39a1	cytochrome P450, family 39, subfamily a, polypeptide 1 [Source:RGD Symbol;Acc:1307471]	1
ENSRNOG000000009741	43.24	51.40	35.08	0.68	-0.55	0.038449	0.152922289	Cyp4b1	cytochrome P450, family 4, subfamily b, polypeptide 1 [Source:RGD Symbol;Acc:2480]	2
ENSRNOG000000029478	481.94	503.13	460.75	0.92	-0.13	0.329936	0.642333829	Cyp4f39	cytochrome P450, family 4, subfamily f, polypeptide 39 [Source:RGD Symbol;Acc:1308796]	5
ENSRNOG000000014350	214.57	293.63	135.51	0.46	-1.12	1.03E-11	4.39E-10	Cyrb1	cysteine-rich, angiogenic inducer, 61 [Source:RGD Symbol;Acc:620763]	3
ENSRNOG000000015042	94.05	75.88	112.21	1.48	0.56	0.009441	0.052743153	Cysl2r2	cysteinyl leukotriene receptor 2 [Source:RGD Symbol;Acc:619797]	5
ENSRNOG000000018775	2960.04	2846.23	3073.85	1.08	0.11	0.188067	0.459499944	Cystm1	cysteine-rich transmembrane module containing 1 [Source:RGD Symbol;Acc:2323233]	1
ENSRNOG000000007410	230.03	205.51	254.55	1.24	0.31	0.05052	0.186329228	Dab1	Dab, reelin signal transducer, homolog 1 (Drosophila) [Source:RGD Symbol;Acc:628770]	1
ENSRNOG000000000694	48.57	8.57	88.58	10.34	3.37	1.98E-26	2.17E-24	Dao	D-amino-acid oxidase [Source:RGD Symbol;Acc:621138]	1
ENSRNOG000000018198	2640.99	2537.43	2744.55	1.08	0.11	0.163602	0.420034749	Dapk1	death associated protein kinase 1 [Source:RGD Symbol;Acc:1311629]	5
ENSRNOG000000017332	137.28	181.11	93.45	0.52	-0.95	5.77E-07	1.21E-05	Dapk2	death-associated protein kinase 2 [Source:RGD Symbol;Acc:1304708]	5
ENSRNOG000000020383	2261.69	2411.91	2111.47	0.88	-0.19	0.021992	0.101006354	Dapk3	death-associated protein kinase 3 [Source:RGD Symbol;Acc:621766]	2
ENSRNOG000000050482	19.65	18.63	20.67	1.11	0.15	0.712131	0.949435536	Dbf4	DBF4 zinc finger [Source:RGD Symbol;Acc:1305854]	2
ENSRNOG000000006641	121.08	220.42	21.74	0.10	-3.34	6.54E-49	1.42E-46	Dbh	dopamine beta-hydroxylase (dopamine beta-monoxygenase) [Source:RGD Symbol;Acc:2489]	1
ENSRNOG000000046889	16391.84	15727.10	17056.57	1.08	0.12	0.151987	0.40199761	Dbi	diazepam binding inhibitor (GABA receptor modulator, acyl-CoA binding protein) [Source:RGD Symbol;Acc:2490]	1
ENSRNOG000000014571	2807.17	2637.94	2976.41	1.13	0.17	0.037907	0.151441409	Dbnnd2	dysbindin (dystrobrevin binding protein 1) domain containing 2 [Source:RGD Symbol;Acc:1559521]	2
ENSRNOG000000006885	2.17	0.24	4.11	17.22	4.11	0.001144	0.009471443	Dbx2	developing brain homeobox 2 [Source:RGD Symbol;Acc:1359605]	3
ENSRNOG000000023458	437.25	408.60	465.90	1.14	0.19	0.1431	0.385474569	Dcaf12l1	DBD1 and CUL4 associated factor 12-like 1 [Source:RGD Symbol;Acc:1563873]	3
ENSRNOG000000031533	2.11	3.06	1.16	0.38	-1.39	0.1571	0.410102406	Dcaf12l2	DBD1 and CUL4 associated factor 12-like 2 [Source:RGD Symbol;Acc:1560768]	3
ENSRNOG000000006551	1050.18	1136.76	963.61	0.85	-0.24	0.014792	0.074318807	Dcaf15	DBD1 and CUL4 associated factor 15 [Source:RGD Symbol;Acc:1304881]	2
ENSRNOG000000033026	550.60	643.86	457.34	0.71	-0.49	3.03E-05	0.00422565	Dckl3	doublecortin-like kinase 3 [Source:RGD Symbol;Acc:1309232]	2
ENSRNOG000000047712	217.65	185.07	250.24	1.35	0.44	0.006933	0.04116286	Dcx	doublecortin [Source:RGD Symbol;Acc:620670]	5
ENSRNOG000000039417	3276.16	3279.39	3272.92	1.00	0.00	0.993396	1	Ddda1	DET1 and DBD1 associated 1 [Source:RGD Symbol;Acc:1584153]	2
ENSRNOG00000004327	36.53	31.77	41.30	1.30	0.38	0.199445	0.477206498	Ddc	dopa decarboxylase (aromatic L-amino acid decarboxylase) [Source:RGD Symbol;Acc:2494]	1
ENSRNOG000000006789	942.70	950.79	934.62	0.98	-0.02	0.713762	0.958277109	Ddit3	DNA-damage inducible transcript 3 [Source:RGD Symbol;Acc:62391]	1
ENSRNOG000000000830	3756.24	3779.33	3733.14	0.99	-0.02	0.876882	1	Ddr1	discoidin domain receptor tyrosine kinase 1 [Source:RGD Symbol;Acc:2252]	2
ENSRNOG000000051170	5636.48	5602.35	5670.60	1.01	0.02	0.794602	1	Ddx17	DEAD (Asp-Glu-Ala-Asp) box helicase 17 [Source:RGD Symbol;Acc:1304945]	2
ENSRNOG000000009166	4196.41	4406.68	3986.15	0.90	-0.14	0.067466	0.229517633	Ddx24	DEAD (Asp-Glu-Ala-Asp) box helicase 24 [Source:RGD Symbol;Acc:727929]	1
ENSRNOG000000046662	91.55	83.71	99.38	1.19	0.25	0.243736	0.537764982	Ddx26b	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 26B [Source:MGI Symbol;Acc:MGI:2442593]	2
ENSRNOG000000050868	0.50	0.51	0.49	0.97	-0.04	1	1	Ddx43	DEAD (Asp-Glu-Ala-Asp) box polypeptide 43 [Source:RGD Symbol;Acc:1586947]	3
ENSRNOG00000001043	486.43	527.15	445.71	0.85	-0.24	0.041538	0.161912157	Ddx55	DEAD (Asp-Glu-Ala-Asp) box polypeptide 55 [Source:RGD Symbol;Acc:2324094]	2
ENSRNOG000000017960	1913.66	2036.20	1791.12	0.88	-0.19	0.032652	0.135649954	Deaf1	DEAF1 transcription factor [Source:RGD Symbol;Acc:620671]	2
ENSRNOG000000046112	496.38	496.80	495.95	1.00	0.00	1	1	Dedd2	death effector domain containing 2 [Source:RGD Symbol;Acc:1588968]	2
ENSRNOG000000000502	487.50	526.02	448.99	0.85	-0.23	0.067364	0.229257258	Def6	differentially expressed in FDCP 6 homolog (mouse) [Source:RGD Symbol;Acc:1307945]	2
ENSRNOG000000016152	978.92	986.26	971.58	0.99	-0.02	0.778061	0.997325297	DeK	DEK proto-oncogene [Source:RGD Symbol;Acc:1303246]	5
ENSRNOG000000029866	707.87	717.79	697.96	0.97	-0.04	0.70918	0.955089967	Dennd6b	DENN/MADD domain containing 6B [Source:RGD Symbol;Acc:1308012]	2
ENSRNOG000000010701	39.33	35.90	42.76	1.19	0.25	0.364223	0.680535063	Depdc1b	DEP domain containing 1B [Source:RGD Symbol;Acc:1305799]	2
ENSRNOG000000025030	255.54	265.80	245.28	0.92	-0.12	0.441094	0.760242832	Dffb	DNA fragmentation factor, 40kDa, beta polypeptide (caspase-activated DNase) [Source:RGD Symbol;Acc:2	
ENSRNOG00000001796	466.70	411.76	521.64	1.27	0.34	0.005427	0.033761146	Dgkg	diacylglycerol kinase, gamma [Source:RGD Symbol;Acc:2499]	5
ENSRNOG000000010065	972.04	814.49	1129.59	1.39	0.47	2.84E-06	5.10E-05	Dgkh	diacylglycerol kinase, eta [Source:RGD Symbol;Acc:1561955]	5
ENSRNOG000000026705	706.11	637.62	774.61	1.21	0.28	0.009818	0.054349698	Dgki	diacylglycerol kinase, iota [Source:RGD Symbol;Acc:735049]	5
ENSRNOG000000039323	2.50	1.64	3.37	2.06	1.04	0.22087	0.508349901	Dgkk	diacylglycerol kinase kappa [Source:RGD Symbol;Acc:1561510]	5
ENSRNOG000000017737	12801.96	12853.96	12749.96	0.99	-0.01	0.866707	1	Dgkz	diacylglycerol kinase zeta [Source:RGD Symbol;Acc:70929]	5
ENSRNOG000000027891	359.87	377.40	342.34	0.91	-0.14	0.357057	0.672307646	Dhrs11	dehydrogenase/reductase (SDR family) member 11 [Source:RGD Symbol;Acc:1307935]	2
ENSRNOG000000030157	1109.16	1171.46	1046.87	0.89	-0.16	0.078826	0.256077981	Dhx16	DEAH (Asp-Glu-Ala-His) box polypeptide 16 [Source:RGD Symbol;Acc:1302963]	1
ENSRNOG000000018247	201.96	190.55	213.37	1.12	0.16	0.285278	0.590683994	Dhx58	DEXH (Asp-Glu-X-His) box polypeptide 58 [Source:RGD Symbol;Acc:1310093]	1
ENSRNOG000000010711	698.64	695.73	701.54	1.01	0.01	0.877284	1	Dicer1	dicer 1, ribonuclease type III [Source:RGD Symbol;Acc:1309381]	2
ENSRNOG000000013596	364.46	340.26	388.66	1.14	0.19	0.167206	0.426167044	Dimt1	DIM1 dimethyladenosine transferase 1 homolog (S. cerevisiae) [Source:RGD Symbol;Acc:1311752]	2
ENSRNOG000000032328	332.09	306.02	358.16	1.17	0.23	0.091745	0.2858974	Diras2	DIRAS family, GTP-binding RAS-like 2 [Source:RGD Symbol;Acc:1305580]	2
ENSRNOG000000019779	31.28	31.25	31.31	1.00	0.00	1	1	Disc1	disrupted in schizophrenia 1 [Source:RGD Symbol;Acc:631359]	1
ENSRNOG000000026787	5169.84	4571.84	5767.83	1.26	0.34	9.56E-06	0.000148923	Disp2	dispatched homolog 2 (Drosophila) [Source:RGD Symbol;Acc:1309569]	1
ENSRNOG000000020686	0.75	0.85	0.65	0.76	-0.39	1	1	Dkk1l1	dickkopf-like 1 [Source:RGD Symbol;Acc:1563523]	5
ENSRNOG000000022635	631.85	514.96	748.74	1.45	0.54	9.56E-07	1.90E-05	Dlg2	discs, large homolog 2 (Drosophila) [Source:RGD Symbol;Acc:619895]	1
ENSRNOG000000018526	5035.94	4773.58	5298.31	1.11	0.15	0.044281	0.169556918	Dlg4	discs, large homolog 4 (Drosophila) [Source:RGD Symbol;Acc:68424]	1
ENSRNOG000000010721	108.95	125.30	92.60	0.74	-0.44	0.030976	0.130208095	Dlgap5	discs, large (Drosophila) homolog-associated protein 5 [Source:RGD Symbol;Acc:1311247]	2
ENSRNOG000000019338	8.94	9.66	8.22	0.85	-0.23	0.683201	0.939391222	Dll3	delta-like 3 (Drosophila) [Source:RGD Symbol;Acc:70953]	3
ENSRNOG000000023213	0.73	0.24	1.22	5.13	2.36	0.283193	0.588548363	Dmrtb1	DMRT-like family B with proline-rich C-terminal, 1 [Source:RGD Symbol;Acc:1560921]	3
ENSRNOG000000012223	13.64	11.05	16.22	1.47	0.55	0.199347	0.47708118	Dnah7	dynein, axonemal, heavy chain 7 [Source:RGD Symbol;Acc:621798]	3
ENSRNOG000000000379	505.92	470.56	541.29	1.15	0.20	0.101876	0.306531226	Dnajc12	Dnaj (Hsp40) homolog, subfamily C, member 12 [Source:RGD Symbol;Acc:1591898]	2
ENSRNOG000000012851	4.94	4.54	5.34	1.18	0.24	0.737918	0.974570834	Dnajc5b	Dnaj (Hsp40) homolog, subfamily C, member 5 beta [Source:RGD Symbol;Acc:1562486]	3
ENSRNOG000000009291	26.11	39.45	12.76	0.32	-1.63	1.24E-06	2.41E-05	Dnase1l3	deoxyribonuclease 1-like 3 [Source:RGD Symbol;Acc:620669]	5
ENSRNOG000000014933	1163.46	1229.09	1097.84	0.89	-0.16	0.077693	0.253809503	Dnttip1	deoxynucleotidyltransferase, terminal, interacting protein 1 [Source:RGD Symbol;Acc:621627]	2
ENSRNOG00000005978	11.31	16.94	5.68	0.34	-1.58	0.000514	0.004902605	Doc2b	double C2-like domains, beta [Source:RGD Symbol;Acc:620519]	3
ENSRNOG000000018029	59.25	64.42	54.08	0.84	-0.25	0.278431	0.583857868	Dock2g	double C2-like domains, gamma [Source:RGD Symbol;Acc:1307473]	2
ENSRNOG000000013321	3315.78	2872.86	3758.69	1.31	0.39	1.86E-06	3.45E-05	Dock11	dedicator of cytokinesis 11 [Source:RGD Symbol;Acc:1564707]	2
ENSRNOG000000004823	571.49	506.70	636.27	1.26	0.33	0.005085	0.032059813	Dock4	dedicator of cytokinesis 4 [Source:RGD Symbol;Acc:1561724]	1
ENSRNOG000000007412	165.41	209.17	121.65	0.58	-0.78	1.07E-05	0.00016549	Dok1	docking protein 1 [Source:RGD Symbol;Acc:1309499]	5
ENSRNOG000000015679	9400.65	9150.64	9650.66	1.05	0.08	0.277272	0.582472937	Dok4	docking protein 4 [Source:RGD Symbol;Acc:1310084]	2
ENSRNOG000000017663	1428.24	1469.45	1387.02	0.94	-0.08	0.351411	0.668347813	Dolpp1	dolichylidiphosphatase 1 [Source:RGD Symbol;Acc:13	

ENSRNOG000000042181	7.91	5.78	10.05	1.74	0.80	0.126153	0.352237147	Dytn	dystrotelin [Source:RGD Symbol;Acc:2320917]	3
ENSRNOG000000047741	73.11	101.54	44.67	0.44	-1.18	5.18E-07	1.10E-05	E2f2	E2f transcription factor 2 [Source:RGD Symbol;Acc:1593939]	2
ENSRNOG000000015708	741.21	796.48	685.93	0.86	-0.22	0.045193	0.171799549	E2f4	E2f transcription factor 4, p107/p130-binding [Source:RGD Symbol;Acc:2322129]	2
ENSRNOG000000022537	12.90	22.54	3.25	0.14	-2.79	5.95E-09	1.79E-07	E2f8	E2f transcription factor 8 [Source:RGD Symbol;Acc:1308091]	2
ENSRNOG000000009224	776.02	869.68	682.35	0.78	-0.35	0.001103	0.009205322	E4f1	E4f transcription factor 1 [Source:RGD Symbol;Acc:1596731]	2
ENSRNOG000000028845	1415.56	1269.27	1561.84	1.23	0.30	0.000861	0.007533312	Ebf1	early B-cell factor 1 [Source:RGD Symbol;Acc:620953]	2
ENSRNOG000000016102	1197.25	1087.74	1306.77	1.20	0.26	0.005965	0.036515386	Ebf3	early B-cell factor 3 [Source:RGD Symbol;Acc:1304956]	2
ENSRNOG000000001715	3075.06	3024.96	3125.17	1.03	0.05	0.562214	0.84668362	Ece2	endothelin-converting enzyme 2 [Source:RGD Symbol;Acc:1303039]	1
ENSRNOG000000019447	45.11	53.69	36.53	0.68	-0.56	0.045834	0.173560443	Ecel1	endothelin converting enzyme-like 1 [Source:RGD Symbol;Acc:61806]	5
ENSRNOG000000024365	54.40	66.09	42.71	0.65	-0.63	0.011175	0.059728465	Ect2	epithelial cell transforming 2 [Source:RGD Symbol;Acc:1308524]	2
ENSRNOG000000016272	5415.07	5588.05	5242.08	0.94	-0.09	0.221627	0.509178545	Edf1	endothelial differentiation-related factor 1 [Source:RGD Symbol;Acc:1308073]	2
ENSRNOG000000014361	77.26	86.17	68.34	0.79	-0.33	0.121501	0.345582395	Edn1	endothelin 1 [Source:RGD Symbol;Acc:2532]	1
ENSRNOG000000012721	355.19	419.18	291.20	0.69	-0.53	0.000134	0.00155731	Ednra	endothelin receptor type A [Source:RGD Symbol;Acc:2535]	1
ENSRNOG000000010997	946.89	856.25	1037.54	1.21	0.28	0.00353	0.023863627	Ednrb	endothelin receptor type B [Source:RGD Symbol;Acc:2536]	1
ENSRNOG000000020075	5758.53	6036.81	5480.25	0.91	-0.14	0.061908	0.216724574	Eef1g	eukaryotic translation elongation factor 1 gamma [Source:RGD Symbol;Acc:1302939]	2
ENSRNOG000000009782	258.51	240.82	276.21	1.15	0.20	0.253785	0.551543129	Eefcab7	EF-hand calcium binding domain 7 [Source:RGD Symbol;Acc:1561825]	2
ENSRNOG000000020573	865.27	922.67	807.86	0.88	-0.19	0.059595	0.210429854	Efn1	ephrin A1 [Source:RGD Symbol;Acc:620388]	1
ENSRNOG000000006877	1267.41	1430.64	1104.17	0.77	-0.37	5.87E-05	0.000762102	Efnb1	ephrin B1 [Source:RGD Symbol;Acc:2540]	2
ENSRNOG000000014648	302.06	294.18	309.94	1.05	0.08	0.559435	0.84413152	Efnb2	ephrin B2 [Source:RGD Symbol;Acc:1309497]	1
ENSRNOG000000032707	23.16	24.96	21.37	0.86	-0.22	0.514905	0.8149669	Egf	epidermal growth factor [Source:RGD Symbol;Acc:2542]	1
ENSRNOG000000023908	56.45	51.22	61.68	1.20	0.27	0.216014	0.500998603	Egfm1	EGF-like and EMI domain containing 1 [Source:RGD Symbol;Acc:1307225]	2
ENSRNOG000000000436	8083.52	9311.01	6856.04	0.74	-0.44	6.36E-09	1.15E-07	Egfl8	EGF-like-domain, multiple 8 [Source:RGD Symbol;Acc:1549706]	1
ENSRNOG000000004332	77.88	97.71	58.04	0.59	-0.75	0.000884	0.007679943	Egfr	epidermal growth factor receptor [Source:RGD Symbol;Acc:2543]	1
ENSRNOG000000019422	480.81	554.30	407.32	0.73	-0.44	0.000285	0.002996006	Egr1	early growth response 1 [Source:RGD Symbol;Acc:2544]	4
ENSRNOG000000017828	112.07	103.86	120.28	1.16	0.21	0.254504	0.552240658	Egr3	early growth response 3 [Source:RGD Symbol;Acc:2545]	1
ENSRNOG000000015719	4.92	4.22	5.61	1.33	0.41	0.479932	0.784779259	Egr4	early growth response 4 [Source:RGD Symbol;Acc:2546]	3
ENSRNOG000000020788	1535.66	1779.12	1292.20	0.73	-0.46	1.85E-07	4.26E-06	Ehbp11	EH domain binding protein 1-like 1 [Source:RGD Symbol;Acc:1563823]	2
ENSRNOG000000031421	1760.68	1569.44	1951.93	1.24	0.31	0.000421	0.004148695	Eif1a	eukaryotic translation initiation factor 1A [Source:RGD Symbol;Acc:1306331]	2
ENSRNOG000000010301	479.04	450.53	507.56	1.13	0.17	0.176116	0.441277812	Eif4e3	eukaryotic translation initiation factor 4E family member 3 [Source:RGD Symbol;Acc:1586185]	2
ENSRNOG000000013752	1627.13	1546.60	1707.65	1.10	0.14	0.088059	0.277620615	Elavl3	ELAV like neuron-specific RNA binding protein 3 [Source:RGD Symbol;Acc:628892]	2
ENSRNOG0000000011762	276.73	294.76	258.70	0.88	-0.19	0.196098	0.467921336	Elf1	E74-like factor 1 [Source:RGD Symbol;Acc:620697]	2
ENSRNOG000000004367	326.84	418.56	235.11	0.56	-0.83	6.33E-09	1.90E-07	Elk3	ELK3, member of ETS oncogene family [Source:RGD Symbol;Acc:1307764]	2
ENSRNOG000000019824	648.61	698.90	598.31	0.86	-0.22	0.049064	0.182650514	Elf	elongation factor RNA polymerase II [Source:RGD Symbol;Acc:1311121]	2
ENSRNOG0000000043143	3434.31	3091.30	3777.33	1.22	0.29	0.00021	0.002306964	Eml1	echinoderm microtubule associated protein like 1 [Source:RGD Symbol;Acc:1306374]	5
ENSRNOG000000004207	299.76	246.89	352.64	1.43	0.51	0.000513	0.004902605	Eml5	echinoderm microtubule associated protein like 5 [Source:RGD Symbol;Acc:1303275]	5
ENSRNOG000000021104	1745.40	1790.41	1700.39	0.95	-0.07	0.342856	0.657921336	Emp3	epithelial membrane protein 3 [Source:RGD Symbol;Acc:621094]	2
ENSRNOG000000018631	36.42	29.89	42.96	1.44	0.52	0.059893	0.211254568	Enkur	enkurin, TRPC channel interacting protein [Source:RGD Symbol;Acc:1309839]	3
ENSRNOG000000004078	297.76	324.91	270.62	0.83	-0.26	0.068116	0.230661135	Eno3	enolase 3, beta, muscle [Source:RGD Symbol;Acc:2555]	2
ENSRNOG0000000047817	592.20	530.46	653.94	1.23	0.30	0.008355	0.047844659	Enox1	ecto-NOX disulfide-thiol exchanger 1 [Source:RGD Symbol;Acc:1306118]	2
ENSRNOG000000004089	1144.11	757.23	1531.00	2.02	1.02	7.25E-25	7.29E-23	Enpp2	ectonucleotide pyrophosphatase/phosphodiesterase 2 [Source:RGD Symbol;Acc:69298]	1
ENSRNOG000000024533	303.55	304.57	302.52	0.99	-0.01	0.977702	1	Eogt	EGF domain-specific O-linked N-acetylglucosamine (GlcNAc) transferase [Source:RGD Symbol;Acc:13593]	2
ENSRNOG000000010037	909.07	874.36	943.78	1.08	0.11	0.242996	0.536601335	Epb4.1	erythrocyte membrane protein band 4.1 [Source:RGD Symbol;Acc:1564762]	2
ENSRNOG000000002538	172.45	143.99	200.92	1.40	0.48	0.006899	0.04140823	Epb4.15	erythrocyte membrane protein band 4.1 like 5 [Source:RGD Symbol;Acc:1311366]	1
ENSRNOG000000012346	5468.26	5760.18	5176.34	0.90	-0.15	0.040331	0.158384761	Epb4.12	erythrocyte membrane protein band 4.1-like 2 [Source:RGD Symbol;Acc:1563977]	2
ENSRNOG000000015667	33.09	42.02	24.16	0.57	-0.80	0.00914	0.051388323	Epcam	epithelial cell adhesion molecule [Source:RGD Symbol;Acc:621365]	3
ENSRNOG000000013036	114.97	113.45	116.49	1.03	0.04	0.820694	1	Epha8	Eph receptor A8 [Source:RGD Symbol;Acc:708543]	5
ENSRNOG0000000007865	867.28	867.00	867.55	1.00	0.00	0.911373	1	Ephb1	Eph receptor B1 [Source:RGD Symbol;Acc:2556]	1
ENSRNOG000000012531	248.11	294.64	201.58	0.68	-0.55	0.000669	0.00611276	Ephb2	Eph receptor B2 [Source:RGD Symbol;Acc:1564232]	1
ENSRNOG0000000031801	382.00	444.93	319.07	0.72	-0.48	0.000569	0.005331737	Ephb3	Eph receptor B3 [Source:RGD Symbol;Acc:1305602]	1
ENSRNOG000000045952	317.61	407.69	227.53	0.56	-0.84	8.52E-09	2.49E-07	Ephb4	EPH receptor B4 [Source:RGD Symbol;Acc:1583193]	1
ENSRNOG000000014367	2073.12	2198.92	1947.31	0.89	-0.18	0.044664	0.170588174	Ephb6	Eph receptor B6 [Source:RGD Symbol;Acc:1306163]	1
ENSRNOG000000003515	1727.29	1799.40	1655.18	0.92	-0.12	0.190728	0.469793435	Ephx1	epoxide hydrolase 1, microsomal (xenobiotic) [Source:RGD Symbol;Acc:2557]	1
ENSRNOG000000017286	98.73	129.53	67.93	0.52	-0.93	1.34E-06	2.58E-05	Ephx2	epoxide hydrolase 2, cytoplasmic [Source:RGD Symbol;Acc:620732]	2
ENSRNOG000000012619	27.29	40.05	14.53	0.36	-1.46	4.89E-06	8.24E-05	Epor	erythropoietin receptor [Source:RGD Symbol;Acc:2560]	1
ENSRNOG000000028908	32.65	29.75	35.54	1.19	0.26	0.398281	0.717516042	Eppin	epididymal peptidase inhibitor [Source:RGD Symbol;Acc:1597722]	2
ENSRNOG000000018336	262.45	272.30	252.59	0.93	-0.11	0.477212	0.72986794	Eps8l2	EPS8-like 2 [Source:RGD Symbol;Acc:1310912]	2
ENSRNOG000000006450	287.10	332.28	241.91	0.73	-0.46	0.002938	0.020557506	Erb2	v-erb-b2 avian erythroblastic leukemia viral oncogene 2 [Source:RGD Symbol;Acc:2561]	1
ENSRNOG000000014248	15.88	14.72	17.04	1.16	0.21	0.52931	0.828607955	Erb4	v-erb-b2 avian erythroblastic leukemia viral oncogene 4 [Source:RGD Symbol;Acc:620486]	1
ENSRNOG000000009968	921.06	899.14	942.97	1.05	0.07	0.51201	0.812827852	Erc8	excision repair cross-complementation group 8 [Source:RGD Symbol;Acc:1311570]	1
ENSRNOG000000011448	555.48	538.48	572.48	1.06	0.09	0.52659	0.826653289	Eri1	exoribonuclease 1 [Source:RGD Symbol;Acc:1308378]	2
ENSRNOG000000009533	339.87	318.96	360.78	1.13	0.18	0.196883	0.473796579	Erich3	glutamate-rich 3 [Source:RGD Symbol;Acc:1593279]	2
ENSRNOG0000000012911	508.35	477.50	539.19	1.13	0.18	0.1791	0.445925285	Erlin1	ER lipid raft associated 1 [Source:RGD Symbol;Acc:1307058]	2
ENSRNOG000000000335	15.47	27.10	3.84	0.14	-2.82	2.03E-10	7.64E-09	Ermapp	erythroblast membrane-associated protein [Source:RGD Symbol;Acc:1309996]	2
ENSRNOG000000018974	10.94	11.28	10.60	0.94	-0.09	0.987312	1	Ern2	endoplasmic reticulum to nucleus signaling 2 [Source:RGD Symbol;Acc:1308743]	3
ENSRNOG000000015921	42.85	45.90	39.79	0.87	-0.21	0.372422	0.688540677	Eso2	establishment of sister chromatid cohesion N-acetyltransferase 2 [Source:RGD Symbol;Acc:1593313]	2
ENSRNOG000000019358	8.63	7.96	9.29	1.17	0.22	0.617831	0.890018505	Esr1	estrogen receptor 1 [Source:RGD Symbol;Acc:2581]	1
ENSRNOG000000005343	5.92	6.81	5.04	0.74	-0.43	0.510535	0.811640904	Esr2	estrogen receptor 2 (ER beta) [Source:RGD Symbol;Acc:2582]	4
ENSRNOG000000022704	69.56	76.40	62.73	0.82	-0.28	0.224144	0.513284788	Esy13	extended synaptotagmin-like protein 3 [Source:RGD Symbol;Acc:1561304]	5
ENSRNOG000000006867	1822.56	1669.87	1975.25	1.18	0.24	0.007118	0.042042115	Etv1	ets variant 1 [Source:RGD Symbol;Acc:1312007]	1
ENSRNOG000000018582	340.07	367.00	313.14	0.85	-0.23	0.108634	0.321059755	Exoc6	exosome component 6 [Source:RGD Symbol;Acc:1309832]	2
ENSRNOG000000025115	10.77	8.32	13.21	1.59	0.67	0.137262	0.37406244	Exph5	exophilin 5 [Source:RGD Symbol;Acc:1560308]	3
ENSRNOG000000018524	1979.48	2076.91	1882.04	0.91	-0.14	0.093218	0.288860242	Ezr	ezrin [Source:RGD Symbol;Acc:621161]	1
ENSRNOG000000048043	484.90	440.65	529.14	1.20	0.26	0.024465	0.109871293	F2r	coagulation factor II (thrombin) receptor [Source:RGD Symbol;Acc:2586]	1
ENSRNOG000000018003	75.27	70.16	80.37	1.15	0.20	0.449992	0.766094949	F2r12	coagulation factor II (thrombin) receptor-like 1 [Source:RGD Symbol;Acc:620866]	4
ENSRNOG000000018054	386.17	293.07	479.28	1.64	0.71	1.10E-07	2.62E-06	F2r12	coagulation factor II (thrombin) receptor-like 2 [Source:RGD Symbol;Acc:620872]	7
ENSRNOG0000000048186	25.36	23.74	26.98	1.14	0.18	0.669163	0.929461853	F2r13	coagulation factor II (thrombin) receptor-like 3 [Source:RGD Symbol;Acc:620872]	6
ENSRNOG000000045949	11.07	12.68	9.47	0.75	-0.42	0.344362	0.65972579	Faah	fatty acid amide hydrolase [Source:RGD Symbol;Acc:61808]	1
ENSRNOG000000020385	1956.98	2028.76	1885.20	0.93	-0.11	0.218499	0.504480502	Fads3	fatty acid desaturase 3 [Source:RGD Symbol;Acc:628876]	5
ENSRNOG000000013223	492.28	492.38	492.18	1.00	0.00	0.955298	1	Fah	fumarylacetoacetate hydrolase [Source:RGD Symbol;Acc:61932]	2
ENSRNOG000000030463	228.02	214.37	241.66	1.13	0.17	0.318833	0.630848067	Faim	Fas apoptotic inhibitory molecule [Source:RGD Symbol;Acc:620572]	2
ENSRNOG000000027540	277.16	227.44	326.89	1.44	0.52	0.000432	0.004230441	Fam102b	family with sequence similarity 102, member B [Source:RGD Symbol;Acc:1310037]	2
ENSRNOG000000014886	930.42	909.31	951.52	1.05	0.07	0.632063	0.90185806	Fam107b	family with sequence similarity 107, member B [Source:RGD Symbol;Acc:1561482]	2
ENSRNOG000000042522	85.11	98.50	71.73	0.73	-0.46	0.035913	0.145419956	Fam109b	family with sequence similarity 109, member B [Source:RGD Symbol;Acc:1586415]	2
ENSRNOG000000004417	481.77	549.57	413.96	0.75	-0.41	0.000915	0.007903214	Fam117a	family with sequence similarity 117, member A [Source:RGD Symbol;Acc:1561062]	2
ENSRNOG000000002285										

ENSRNOG00000020518	16473.02	15574.87	17371.17	1.12	0.16	0.037748	0.151027885	Fam189b	family with sequence similarity 189, member B [Source:RGD Symbol;Acc:1306107]	2
ENSRNOG00000039807	1851.92	2157.27	1546.57	0.72	-0.48	2.59E-08	6.91E-07	Fam193b	family with sequence similarity 193, member B [Source:RGD Symbol;Acc:1562335]	2
ENSRNOG00000005830	293.18	257.91	328.46	1.27	0.35	0.018638	0.089128396	Fam19a4	family with sequence similarity 19, (chemokine (C-C motif)-like), member A4 [Source:RGD Symbol;Acc:1597443]	5
ENSRNOG000000024605	651.88	639.39	664.38	1.04	0.06	0.650489	0.915973774	Fam220a	family with sequence similarity 220, member A [Source:RGD Symbol;Acc:1561923]	2
ENSRNOG00000001198	184.21	186.28	182.13	0.98	-0.03	0.919015	1	Fam222a	family with sequence similarity 222, member A [Source:RGD Symbol;Acc:1565883]	5
ENSRNOG00000007888	55.96	64.05	47.86	0.75	-0.42	0.110401	0.324502796	Fam46b	family with sequence similarity 46, member B [Source:RGD Symbol;Acc:1308967]	2
ENSRNOG000000015222	100.16	136.05	64.28	0.47	-1.08	3.26E-07	7.15E-06	Fam46c	family with sequence similarity 46, member C [Source:RGD Symbol;Acc:1359446]	2
ENSRNOG000000020261	533.18	520.66	545.70	1.05	0.07	0.535045	0.83315454	Fam53c	family with sequence similarity 53, member C [Source:RGD Symbol;Acc:1593851]	2
ENSRNOG000000021131	1035.86	1088.83	982.89	0.90	-0.15	0.142678	0.384585757	Fam63a	family with sequence similarity 63, member A [Source:RGD Symbol;Acc:1559660]	2
ENSRNOG000000029371	0.13	0.27	0.00	0.00	#NAME?	0.964516	1	Fam71a	family with sequence similarity 71, member A [Source:RGD Symbol;Acc:1561646]	3
ENSRNOG000000024863	474.36	460.47	488.26	1.06	0.08	0.547216	0.834197123	Fam76b	family with sequence similarity 76, member B [Source:RGD Symbol;Acc:1311077]	2
ENSRNOG000000015794	39.02	35.87	42.18	1.18	0.23	0.453103	0.769305137	Fam83d	family with sequence similarity 83, member D [Source:RGD Symbol;Acc:1565583]	2
ENSRNOG000000030264	556.68	587.90	525.45	0.89	-0.16	0.173461	0.4365936	Fam83h	family with sequence similarity 83, member H [Source:RGD Symbol;Acc:1305866]	2
ENSRNOG000000019022	1210.71	1254.49	1166.93	0.93	-0.10	0.249861	0.546289675	Fam89a	family with sequence similarity 89, member A [Source:RGD Symbol;Acc:1309879]	5
ENSRNOG000000024239	5079.89	5109.99	5049.79	0.99	-0.02	0.847103	1	Fam89b	family with sequence similarity 89, member B [Source:RGD Symbol;Acc:1311544]	2
ENSRNOG000000024475	182.10	193.06	171.14	0.89	-0.17	0.330431	0.643038682	Fancd2	Fanconi anemia, complementation group D2 [Source:RGD Symbol;Acc:1303172]	2
ENSRNOG000000017597	4.97	4.05	5.88	1.45	0.54	0.479255	0.784099202	Fbp1	fructose-1,6-bisphosphatase 1 [Source:RGD Symbol;Acc:2595]	2
ENSRNOG000000017637	165.84	162.43	169.25	1.04	0.06	0.805026	1	Fbp2	fructose-1,6-bisphosphatase 2 [Source:RGD Symbol;Acc:620930]	5
ENSRNOG000000042728	578.79	608.23	549.36	0.90	-0.15	0.219608	0.506090825	Fbrs	fibrosin [Source:RGD Symbol;Acc:1594591]	2
ENSRNOG000000022248	1296.64	1208.34	1384.95	1.15	0.20	0.028935	0.769305137	Fbx116	F-box and leucine-rich repeat protein 16 [Source:RGD Symbol;Acc:1309127]	2
ENSRNOG000000018986	1573.14	1652.55	1493.73	0.90	-0.15	0.108975	0.321661601	Fbx119	F-box and leucine-rich repeat protein 19 [Source:RGD Symbol;Acc:1310989]	2
ENSRNOG000000027099	1123.66	1018.93	1228.39	1.21	0.27	0.005503	0.034159159	Fbx12	F-box and leucine-rich repeat protein 2 [Source:RGD Symbol;Acc:1562243]	5
ENSRNOG000000022702	1526.99	1541.95	1512.03	0.98	-0.03	0.696745	0.94575956	Fbxo22	F-box protein 22 [Source:RGD Symbol;Acc:1306664]	2
ENSRNOG000000017053	93.33	85.09	101.57	1.19	0.26	0.253728	0.551507597	Fbxo36	F-box protein 36 [Source:RGD Symbol;Acc:1307870]	2
ENSRNOG000000024077	68.55	76.02	61.08	0.80	-0.32	0.182576	0.450483325	Fbxo5	F-box protein 5 [Source:RGD Symbol;Acc:1309405]	2
ENSRNOG000000008214	2986.58	2973.63	2999.53	1.01	0.01	0.883276	1	Fbxo9	f-box protein 9 [Source:RGD Symbol;Acc:1310374]	2
ENSRNOG000000015334	400.56	365.84	435.27	1.19	0.25	0.061314	0.215289447	Fcho2	FCH domain only 2 [Source:RGD Symbol;Acc:1565396]	2
ENSRNOG000000012123	348.19	341.91	354.48	1.04	0.05	0.719957	0.961990345	Fdx1	ferredoxin 1 [Source:RGD Symbol;Acc:62036]	2
ENSRNOG000000018053	1681.55	1728.82	1634.28	0.95	-0.08	0.360896	0.676737046	Fech	ferrochelataase [Source:RGD Symbol;Acc:1307556]	2
ENSRNOG00000001806	1.47	2.01	0.93	0.46	-1.11	0.372299	0.688540677	Fetub	fetuin B [Source:RGD Symbol;Acc:69293]	3
ENSRNOG000000006075	15696.32	15306.53	16086.12	1.05	0.07	0.347322	0.663704271	Fez1	fasciculation and elongation protein zeta 1 (zyglin I) [Source:RGD Symbol;Acc:619708]	2
ENSRNOG000000006701	112.49	87.21	137.76	1.58	0.66	0.001135	0.009424239	Fgd6	FYVE, RhoGEF and PH domain containing 6 [Source:RGD Symbol;Acc:1565609]	2
ENSRNOG0000000042753	11156.15	9321.26	12991.04	1.39	0.48	4.39E-10	1.57E-08	Fgf13	fibroblast growth factor 13 [Source:RGD Symbol;Acc:620164]	5
ENSRNOG000000017392	17.80	14.48	21.12	1.46	0.54	0.144817	0.388508199	Fgf2	fibroblast growth factor 2 [Source:RGD Symbol;Acc:2609]	1
ENSRNOG000000013119	436.57	378.55	494.59	1.31	0.39	0.002478	0.017976592	Fgfr10p	Fgfr1 oncogene partner [Source:RGD Symbol;Acc:1583370]	2
ENSRNOG000000025074	1.87	2.34	1.40	0.60	-0.75	0.561648	0.846180075	Fgg	fibrinogen gamma chain [Source:RGD Symbol;Acc:2613]	5
ENSRNOG000000009735	0.25	0.24	0.27	1.12	0.16	1	1	Fibcd1	fibrinogen C domain containing 1 [Source:RGD Symbol;Acc:1309097]	3
ENSRNOG000000003587	9.20	9.66	8.74	0.90	-0.14	0.817142	1	Figf	c-fos induced growth factor [Source:RGD Symbol;Acc:620695]	2
ENSRNOG000000004440	31.88	32.45	31.32	0.97	-0.05	0.779297	0.998033954	Fign1	fidgetin-like 1 [Source:RGD Symbol;Acc:1307112]	2
ENSRNOG000000011521	1024.80	1069.27	980.33	0.92	-0.13	0.208729	0.490632172	Filip1	filamin A interacting protein 1 [Source:RGD Symbol;Acc:628597]	2
ENSRNOG0000000047143	8140.32	7788.17	8492.46	1.09	0.12	0.104911	0.313317387	Fkbp1b	FK506 binding protein 1B [Source:RGD Symbol;Acc:61835]	2
ENSRNOG000000022523	1026.04	995.01	1057.08	1.06	0.09	0.393632	0.711661846	Fkbp5	FK506 binding protein 5 [Source:RGD Symbol;Acc:1309155]	1
ENSRNOG000000000432	700.86	737.04	664.69	0.90	-0.15	0.164201	0.42100784	Fkbp1	FK506 binding protein-like [Source:RGD Symbol;Acc:1303227]	1
ENSRNOG00000000826	9453.65	9559.84	9347.46	0.98	-0.03	0.673506	0.932535621	Flot1	flotillin 1 [Source:RGD Symbol;Acc:70991]	6
ENSRNOG0000000099681	9347.58	8960.22	9734.94	1.09	0.12	0.101542	0.30590768	Flot2	flotillin 2 [Source:RGD Symbol;Acc:70993]	2
ENSRNOG000000003207	1883.81	1929.01	1838.61	0.95	-0.07	0.426672	0.746863021	Fmnl1	formin-like 1 [Source:RGD Symbol;Acc:1311042]	5
ENSRNOG000000049851	2.57	2.83	2.31	0.82	-0.29	0.884846	1	Fmo6	flavin containing monooxygenase 6 [Source:RGD Symbol;Acc:1359491]	1
ENSRNOG000000011900	813.22	790.72	835.71	1.06	0.08	0.488278	0.792559291	Fmr1	fragile X mental retardation 1 [Source:RGD Symbol;Acc:2623]	3
ENSRNOG000000013798	105.08	108.05	102.11	0.95	-0.08	0.754008	0.983702988	Fnbp1	formin binding protein 1-like [Source:RGD Symbol;Acc:1305386]	2
ENSRNOG000000008015	168.48	179.76	157.20	0.87	-0.19	0.251044	0.548020635	Fos	FBJ osteosarcoma oncogene [Source:RGD Symbol;Acc:2626]	5
ENSRNOG0000000046667	22.10	24.98	19.21	0.77	-0.38	0.295077	0.601223747	Fosb	FBJ osteosarcoma oncogene B [Source:RGD Symbol;Acc:1308198]	4
ENSRNOG000000005936	132.62	145.06	120.17	0.83	-0.27	0.159865	0.414262351	Foxm1	forkhead box M1 [Source:RGD Symbol;Acc:61807]	2
ENSRNOG000000010870	0.49	0.24	0.74	3.11	1.64	0.693096	0.943449877	Foxn1	forkhead box N1 [Source:RGD Symbol;Acc:3970]	1
ENSRNOG000000000299	536.09	536.31	535.86	1.00	0.00	0.907929	1	Foxo3	forkhead box O3 [Source:RGD Symbol;Acc:1309196]	2
ENSRNOG000000031331	2.78	3.88	1.69	0.44	-1.20	0.152114	0.402199704	Fpr2	formyl peptide receptor 2 [Source:RGD Symbol;Acc:1584013]	1
ENSRNOG000000045543	145.12	145.96	144.29	0.99	-0.02	1	1	Frat2	frequently rearranged in advanced T-cell lymphomas 2 [Source:RGD Symbol;Acc:1591882]	5
ENSRNOG000000007764	343.44	338.76	348.11	1.03	0.04	0.770499	0.992943861	Frm4b	FERM domain containing 4B [Source:RGD Symbol;Acc:620172]	5
ENSRNOG0000000004118	609.81	473.93	745.68	1.57	0.65	6.86E-09	2.04E-07	Frm4p	FERM and PDZ domain containing 4 [Source:RGD Symbol;Acc:1566031]	1
ENSRNOG000000019278	2.57	3.12	2.02	0.65	-0.63	0.604308	0.879396219	Fsd2	fibronectin type III and SPRY domain containing 2 [Source:RGD Symbol;Acc:1305167]	3
ENSRNOG000000016783	0.92	1.83	0.00	0.00	#NAME?	0.018249	0.087626364	Fshr	follicle stimulating hormone receptor [Source:RGD Symbol;Acc:2632]	3
ENSRNOG000000002746	13849.31	12651.03	15047.59	1.19	0.25	0.002725	0.006535436	Fstl1	follicle-stimulating like 1 [Source:MGI Symbol;Acc:MGI:102793]	1
ENSRNOG000000020843	2205.02	2323.04	2086.99	0.90	-0.15	0.054747	0.198257157	Ftl1	ferritin light chain 1 [Source:RGD Symbol;Acc:61813]	2
ENSRNOG000000016469	6045.00	6032.70	6057.31	1.00	0.01	0.970737	1	Fxyd2	FXYD domain-containing ion transport regulator 2 [Source:RGD Symbol;Acc:2173]	5
ENSRNOG000000016412	2265.51	2642.77	1888.24	0.71	-0.49	6.92E-09	2.06E-07	Fxyd6	FXYD domain-containing ion transport regulator 6 [Source:RGD Symbol;Acc:69315]	2
ENSRNOG000000005096	3705.50	3684.34	3726.67	1.01	0.02	0.826359	1	Fyn	FYN proto-oncogene, Src family tyrosine kinase [Source:RGD Symbol;Acc:2641]	2
ENSRNOG0000000004232	137.31	140.35	134.27	0.96	-0.06	0.779366	0.998039819	G2e3	G2/M-phase specific E3 ubiquitin protein ligase [Source:RGD Symbol;Acc:1310263]	1
ENSRNOG0000000008498	32930.46	32212.84	33648.09	1.04	0.06	0.435629	0.754534886	Gabara1p1	GABA(A) receptor-associated protein like 1 [Source:RGD Symbol;Acc:1596143]	1
ENSRNOG000000000774	22165.88	20651.81	23679.95	1.15	0.20	0.011852	0.062474936	Gabbr1	gamma-aminobutyric acid (GABA) B receptor 1 [Source:RGD Symbol;Acc:621537]	1
ENSRNOG0000000008431	6972.11	5535.27	8048.95	1.45	0.54	3.44E-13	1.71E-11	Gabra2	gamma-aminobutyric acid (GABA) B receptor 2 [Source:RGD Symbol;Acc:619864]	1
ENSRNOG000000002349	973.65	709.52	1237.77	1.74	0.80	5.19E-16	3.20E-14	Gabra2	gamma-aminobutyric acid (GABA) A receptor, alpha 2 [Source:RGD Symbol;Acc:61856]	2
ENSRNOG000000002336	31.83	24.89	38.78	1.56	0.64	0.036489	0.147302984	Gabra4	gamma-aminobutyric acid (GABA) A receptor, alpha 4 [Source:RGD Symbol;Acc:621670]	1
ENSRNOG000000003569	3.81	3.08	4.54	1.47	0.56	0.468717	0.780237584	Gabra6	gamma-aminobutyric acid (GABA) A receptor, alpha 6 [Source:RGD Symbol;Acc:61861]	1
ENSRNOG000000002327	2.98	1.56	4.40	2.81	1.49	0.054458	0.1974858	Gabbr1	gamma-aminobutyric acid (GABA) A receptor, beta 1 [Source:RGD Symbol;Acc:2649]	6
ENSRNOG000000003680	75.51	56.30	94.73	1.68	0.75	0.000438	0.004288566	Gabbr2	gamma-aminobutyric acid (GABA) A receptor, beta 2 [Source:RGD Symbol;Acc:2650]	1
ENSRNOG000000014938	651.87	468.35	835.39	1.78	0.83	5.06E-14	2.72E-12	Gabbr3	gamma-aminobutyric acid (GABA) A receptor, beta 3 [Source:RGD Symbol;Acc:2651]	1
ENSRNOG000000016385	54.23	66.07	42.39	0.64	-0.64	0.016746	0.082078303	Gabbrd	gamma-aminobutyric acid (GABA) A receptor, delta [Source:RGD Symbol;Acc:61901]	4
ENSRNOG000000003241	2571.71	2256.83	2886.59	1.28	0.36	1.64E-05	0.000243316	Gabrg2	gamma-aminobutyric acid (GABA) A receptor, gamma 2 [Source:RGD Symbol;Acc:61966]	1
ENSRNOG000000										

ENSRNOG00000007932	0.65	0.56	0.74	1.33	0.41	1	1	Gcm1	glial cells missing homolog 1 (Drosophila) [Source:RGD Symbol;Acc:61852]	3
ENSRNOG000000050534	241.11	258.38	223.85	0.87	-0.21	0.19998	0.477885231	Gcnt1	glucosaminyl (N-acetyl) transferase 1, core 2 [Source:RGD Symbol;Acc:621370]	2
ENSRNOG000000023778	2184.91	1866.52	2503.29	1.34	0.42	5.91E-07	1.23E-05	Gcnt2	glucosaminyl (N-acetyl) transferase 2, l-branching enzyme [Source:RGD Symbol;Acc:1303198]	5
ENSRNOG000000012819	0.49	0.24	0.75	3.12	1.64	0.693063	0.943449877	Gdnf	glial cell derived neurotrophic factor [Source:RGD Symbol;Acc:2677]	4
ENSRNOG000000004667	48.99	50.58	47.40	0.94	-0.09	0.790516	1	Ggen1	GEN1 Holliday junction 5' flap endonuclease [Source:RGD Symbol;Acc:1559792]	2
ENSRNOG000000002919	4087.32	517.22	7657.42	14.80	3.89	0	0	Gfap	glial fibrillary acidic protein [Source:RGD Symbol;Acc:2679]	7
ENSRNOG000000014010	2588.05	2632.23	2543.87	0.97	-0.05	0.51888	0.819279854	Gfra2	GDNF family receptor alpha 2 [Source:RGD Symbol;Acc:61809]	1
ENSRNOG000000020309	2904.66	2782.24	3027.08	1.09	0.12	0.124792	0.349737625	Gfra3	GDNF family receptor alpha 3 [Source:RGD Symbol;Acc:620502]	3
ENSRNOG000000019179	1347.57	1279.58	1415.56	1.11	0.15	0.128132	0.355730962	Ggta1	glycoprotein, alpha-galactosyltransferase 1 [Source:RGD Symbol;Acc:629476]	5
ENSRNOG000000011207	3980.86	7641.31	320.41	0.04	-4.58	0	0	Gh1	growth hormone 1 [Source:RGD Symbol;Acc:2686]	1
ENSRNOG000000015654	988.33	858.57	1118.09	1.30	0.38	9.83E-05	0.001185358	Ghr	growth hormone receptor [Source:RGD Symbol;Acc:2687]	1
ENSRNOG000000011808	5.68	10.36	1.00	0.10	-3.38	2.06E-06	3.78E-05	Ghrrh	growth hormone releasing hormone receptor [Source:RGD Symbol;Acc:2688]	1
ENSRNOG000000024119	14.57	13.16	15.99	1.22	0.28	0.557348	0.842191496	Ghshr	growth hormone secretagogue receptor [Source:RGD Symbol;Acc:621397]	3
ENSRNOG000000001410	957.78	1052.94	862.63	0.82	-0.29	0.005567	0.034452114	Gigyf1	GRB10 interacting GYF protein 1 [Source:RGD Symbol;Acc:1309933]	2
ENSRNOG000000000805	1003.52	1087.56	919.49	0.85	-0.24	0.021589	0.099614885	Gja1	gap junction protein, alpha 1 [Source:RGD Symbol;Acc:2690]	1
ENSRNOG000000014372	1.22	1.30	1.14	0.88	-0.19	1	1	Gjb3	gap junction protein, beta 3 [Source:RGD Symbol;Acc:2695]	3
ENSRNOG000000011513	2267.99	2174.28	2361.71	1.09	0.12	0.17246	0.43507078	Gla	galactosidase, alpha [Source:RGD Symbol;Acc:1589721]	1
ENSRNOG000000014838	203.91	203.59	204.23	1.00	0.00	0.978345	1	Glipr2	GLI pathogenesis-related 2 [Source:RGD Symbol;Acc:1583669]	2
ENSRNOG000000013588	2.40	2.39	2.40	1.01	0.01	1	1	G1ra1	glycine receptor, alpha 1 subunit [Source:MGI Symbol;Acc:MGI:95747]	1
ENSRNOG000000049792	0.13	0.00	0.27	Inf	1	1	1	G1ra3	glycine receptor, alpha 3 subunit [Source:MGI Symbol;Acc:MGI:95749]	1
ENSRNOG000000002391	2.17	1.27	3.07	2.41	1.27	0.187399	0.458935734	G1ra4	glycine receptor, alpha 4 [Source:RGD Symbol;Acc:1564103]	1
ENSRNOG000000010199	4535.22	3997.46	5072.98	1.27	0.34	1.05E-05	0.000162786	G1rb	glycine receptor, beta [Source:RGD Symbol;Acc:2706]	1
ENSRNOG0000000038427	57.87	51.07	64.67	1.27	0.34	0.126887	0.353723097	Gm1043	predicted gene 1043 [Source:MGI Symbol;Acc:MGI:2685889]	2
ENSRNOG000000027257	644.29	688.15	600.43	0.87	-0.20	0.076137	0.249968411	Gmp1	Gem-interacting protein [Source:RGD Symbol;Acc:1565577]	2
ENSRNOG000000018782	315.07	299.69	330.45	1.10	0.14	0.327431	0.63970781	Gmnn	geminin [Source:RGD Symbol;Acc:1308137]	2
ENSRNOG000000014840	2410.29	2142.73	2677.84	1.25	0.32	0.000114	0.001350121	Gna14	guanine nucleotide binding protein, alpha 14 [Source:RGD Symbol;Acc:1308122]	5
ENSRNOG000000010440	2726.26	2466.69	2985.84	1.21	0.28	0.000607	0.005624156	Gna16	guanine nucleotide binding protein, alpha stimulating, olfactory type [Source:RGD Symbol;Acc:2715]	5
ENSRNOG000000019482	8897.62	7277.92	10517.33	1.45	0.53	1.03E-12	4.81E-11	Gnao1	guanine nucleotide binding protein (G protein), alpha activating activity polypeptide O [Source:RGD Symbol;Acc:628732]	7
ENSRNOG000000014183	1031.85	856.74	1206.95	1.41	0.49	2.64E-07	5.93E-06	Gnaq	guanine nucleotide binding protein (G protein), q polypeptide [Source:RGD Symbol;Acc:620770]	7
ENSRNOG000000001313	1532.01	1462.62	1601.41	1.09	0.13	0.128962	0.357680346	Gnaz	guanine nucleotide binding protein (G protein), alpha z polypeptide [Source:RGD Symbol;Acc:2717]	1
ENSRNOG000000001409	5759.53	6214.69	5304.37	0.85	-0.23	0.003102	0.021409739	Gnb2	guanine nucleotide binding protein (G protein), beta polypeptide 2 [Source:RGD Symbol;Acc:69319]	2
ENSRNOG000000002390	6061.73	6629.15	5494.32	0.83	-0.27	0.000355	0.003579062	Gnb2l1	guanine nucleotide binding protein (G protein), beta polypeptide 2 like 1 [Source:RGD Symbol;Acc:69229]	1
ENSRNOG000000015541	99.84	111.56	88.12	0.79	-0.34	0.094665	0.291751976	Gnb3	guanine nucleotide binding protein (G protein), beta polypeptide 3 [Source:RGD Symbol;Acc:708344]	6
ENSRNOG000000011070	744.91	650.71	839.11	1.29	0.37	0.000631	0.005813365	Gnb4	guanine nucleotide binding protein (G protein), beta polypeptide 4 [Source:RGD Symbol;Acc:1359321]	5
ENSRNOG0000000048980	933.92	877.55	990.28	1.13	0.17	0.08495	0.270332962	Gng2	guanine nucleotide binding protein (G protein), gamma 2 [Source:MGI Symbol;Acc:MGI:102705]	5
ENSRNOG0000000039562	4.61	5.26	3.96	0.75	-0.41	0.559053	0.843796878	GNG5	Guanine nucleotide-binding protein subunit gamma [Source:UniProtKB/TrEMBL;Acc:F22378]	6
ENSRNOG000000015051	445.66	467.02	424.29	0.91	-0.14	0.285836	0.591479467	Golga7b	golgin A7 family, member B [Source:RGD Symbol;Acc:1583839]	2
ENSRNOG000000025317	936.31	923.25	949.37	1.03	0.04	0.743429	0.977510678	Gpatch11	G patch domain containing 11 [Source:RGD Symbol;Acc:1311424]	2
ENSRNOG000000018969	197.52	173.49	221.55	1.28	0.35	0.049629	0.184199298	Gpatch4	G patch domain containing 4 [Source:RGD Symbol;Acc:1311086]	2
ENSRNOG000000026455	2017.89	1884.21	2151.57	1.14	0.19	0.024423	0.10977375	Gpd14	glycerol-3-phosphate dehydrogenase 1-like [Source:RGD Symbol;Acc:1560123]	5
ENSRNOG000000021020	4.89	5.73	4.04	0.71	-0.50	0.483628	0.788656401	Gpha2	glycoprotein hormone alpha 2 [Source:RGD Symbol;Acc:621748]	3
ENSRNOG000000024517	4.99	5.13	4.86	0.95	-0.08	1	1	Gpr119	G protein-coupled receptor 119 [Source:RGD Symbol;Acc:727808]	3
ENSRNOG000000023536	50.65	54.35	46.95	0.86	-0.21	0.422445	0.742404145	Gpr133	G protein-coupled receptor 133 [Source:RGD Symbol;Acc:1594795]	2
ENSRNOG000000014793	1157.29	936.06	1378.52	1.47	0.56	7.15E-09	2.12E-07	Gpr149	G protein-coupled receptor 149 [Source:RGD Symbol;Acc:619890]	3
ENSRNOG000000026944	87.91	94.30	81.52	0.86	-0.21	0.365079	0.681407719	Gpr150	G protein-coupled receptor 150 [Source:RGD Symbol;Acc:1564729]	2
ENSRNOG000000027103	33.63	30.94	36.33	1.17	0.23	0.463006	0.778726885	Gpr151	G protein-coupled receptor 151 [Source:RGD Symbol;Acc:727873]	2
ENSRNOG000000009487	44.99	40.09	49.90	1.24	0.32	0.268973	0.571319156	Gpr160	G protein-coupled receptor 160 [Source:RGD Symbol;Acc:1560200]	5
ENSRNOG000000016143	1812.24	1810.24	1814.23	1.00	0.00	0.94473	1	Gpr162	G protein-coupled receptor 162 [Source:RGD Symbol;Acc:1307437]	5
ENSRNOG000000005971	891.13	821.65	960.61	1.17	0.23	0.027317	0.119905014	Gpr176	G protein-coupled receptor 176 [Source:RGD Symbol;Acc:621718]	2
ENSRNOG000000029245	17.75	17.57	17.92	1.02	0.03	1	1	Gpr179	G protein-coupled receptor 179 [Source:RGD Symbol;Acc:1560033]	5
ENSRNOG000000007126	236.46	227.27	245.65	1.08	0.11	0.490546	0.794963446	Gpr19	G protein-coupled receptor 19 [Source:RGD Symbol;Acc:71045]	2
ENSRNOG000000010880	211.63	215.64	207.63	0.96	-0.05	0.718874	0.961823854	Gpr27	G protein-coupled receptor 27 [Source:RGD Symbol;Acc:71067]	5
ENSRNOG000000009540	93.23	87.53	98.94	1.13	0.18	0.407927	0.727368026	Gpr3	G protein-coupled receptor 3 [Source:RGD Symbol;Acc:628686]	1
ENSRNOG000000024030	148.54	140.03	157.05	1.12	0.17	0.378124	0.69392565	Gpr35	G protein-coupled receptor 35 [Source:RGD Symbol;Acc:1309404]	5
ENSRNOG000000017521	2.81	3.19	2.44	0.77	-0.39	0.74294	0.97729637	Gpr55	G protein-coupled receptor 55 [Source:RGD Symbol;Acc:1559828]	1
ENSRNOG000000019738	271.79	265.05	278.53	1.05	0.07	0.681852	0.938572855	Gpr61	G protein-coupled receptor 61 [Source:RGD Symbol;Acc:1310176]	2
ENSRNOG000000046309	58.32	47.05	69.59	1.48	0.56	0.021797	0.100420241	Gpr68	G protein-coupled receptor 68 [Source:RGD Symbol;Acc:1309559]	3
ENSRNOG000000008412	20.68	32.01	9.35	0.29	-1.78	8.44E-07	1.71E-05	Gprc5a	G protein-coupled receptor, class C, group 5, member A [Source:RGD Symbol;Acc:1310804]	3
ENSRNOG000000016360	685.69	726.23	645.14	0.89	-0.17	0.124578	0.349276018	Gps2	G protein pathway suppressor 2 [Source:RGD Symbol;Acc:1562746]	2
ENSRNOG000000000441	133.27	168.46	98.08	0.58	-0.78	5.44E-05	0.000712582	Gpsm3	G-protein signaling modulator 3 [Source:RGD Symbol;Acc:1303014]	1
ENSRNOG000000048812	3716.19	4176.24	3256.14	0.78	-0.36	4.92E-06	8.82E-05	Gpx1	glutathione peroxidase 1 [Source:RGD Symbol;Acc:2729]	2
ENSRNOG000000013604	13354.40	13674.11	13034.69	0.95	-0.07	0.366428	0.682567914	Gpx4	glutathione peroxidase 4 [Source:RGD Symbol;Acc:69226]	1
ENSRNOG000000016968	606.07	591.60	620.55	1.05	0.07	0.526662	0.826662048	Gramd4	GRAM domain containing 4 [Source:RGD Symbol;Acc:1309983]	2
ENSRNOG000000007346	318.01	378.42	257.60	0.68	-0.55	0.00014	0.001614608	Grasp	GRAP1 (general receptor for phosphoinositides 1)-associated scaffold protein [Source:RGD Symbol;Acc:70554]	1
ENSRNOG000000029427	404.56	375.15	433.96	1.16	0.21	0.108739	0.321208901	Grlh3	brainhead-like 3 (Drosophila) [Source:RGD Symbol;Acc:1308320]	5
ENSRNOG000000045816	108.07	89.22	126.91	1.42	0.51	0.01387	0.070598527	Gria1	glutamate receptor, ionotropic, AMPA 1 [Source:RGD Symbol;Acc:621531]	4
ENSRNOG000000028589	875.16	749.22	1001.10	1.34	0.42	4.69E-05	0.0006257	Gria2	glutamate receptor, ionotropic, AMPA 2 [Source:RGD Symbol;Acc:61862]	1
ENSRNOG000000007682	567.38	550.87	583.90	1.06	0.08	0.501823	0.805163604	Gria3	glutamate receptor, ionotropic, AMPA 3 [Source:RGD Symbol;Acc:70958]	1
ENSRNOG000000006957	353.22	316.42	390.02	1.23	0.30	0.026713	0.117098552	Gria4	glutamate receptor, ionotropic, AMPA 4 [Source:RGD Symbol;Acc:61863]	1
ENSRNOG000000001575	2186.97	2090.58	2283.36	1.09	0.13	0.144267	0.387675285	Grik1	glutamate receptor, ionotropic, kainate 1 [Source:RGD Symbol;Acc:2732]	7
ENSRNOG000000030910	1151.58	1114.34	1188.82	1.07	0.09	0.308965	0.618460168	Grik4	glutamate receptor, ionotropic, kainate 4 [Source:RGD Symbol;Acc:2734]	2
ENSRNOG000000011726	4289.03	4330.02	4248.03	0.98	-0.03	0.756818	0.984702009	Grin1	glutamate receptor, ionotropic, N-methyl D-aspartate 1 [Source:RGD Symbol;Acc:2736]	1
ENSRNOG0000000033942	3.08	2.95	3.21	1.09	0.12	0.982611	1	Grin2a	glutamate receptor, ionotropic, N-methyl D-aspartate 2A [Source:RGD Symbol;Acc:2737]	1
ENSRNOG000000008766	5.07	5.14	5.00	0.97	-0.04	1	1	Grin2b	glutamate receptor, ionotropic, N-methyl D-aspartate 2B [Source:RGD Symbol;Acc:2738]	1
ENSRNOG000000003280	74.49	43.00	105.98	2.46	1.30	1.38E-08	3.88E-07	Grin2c	glutamate receptor, ionotropic, N-methyl D-aspartate 2C [Source:RGD Symbol;Acc:2739]	3
ENSRNOG000000021063	47.65	50.99	44.32	0.87	-0.20	0.400763	0.7201342	Grin2d	glutamate receptor, ionotropic, N-methyl D-aspartate 2D [Source:RGD Symbol;Acc:2740]	1
ENSRNOG000000005723	100.28	83.58	119.94	1.40	0.49	0.017147	0.083712816	Grin3a	glutamate receptor, ionotropic, N-methyl-D-aspartate 3A [Source:RGD Symbol;Acc:621704]	1
ENSRNOG000000012562	413.30	432.18	394.42	0.91	-0.13	0				

ENSRNOG00000018237	3428.54	3694.28	3162.81	0.86	-0.22	0.003937	0.026096995	Gstp1	glutathione S-transferase pi 1 [Source:RGD Symbol;Acc:2758]	2
ENSRNOG00000004971	180.95	210.37	151.54	0.72	-0.47	0.007003	0.041468665	Gstt1	glutathione S-transferase theta 1 [Source:RGD Symbol;Acc:2765]	1
ENSRNOG000000000831	664.71	691.23	638.19	0.92	-0.12	0.300139	0.607784378	Gtf2h4	general transcription factor II H, polypeptide 4 [Source:RGD Symbol;Acc:1303309]	1
ENSRNOG000000050016	585.60	612.04	559.16	0.91	-0.13	0.247855	0.543430749	Gtf3a	general transcription factor III A [Source:RGD Symbol;Acc:619746]	2
ENSRNOG000000019332	1978.59	2063.49	1893.68	0.92	-0.12	0.155461	0.407826614	Gtppb2	GTP binding protein 2 [Source:RGD Symbol;Acc:1306367]	2
ENSRNOG000000048168	0.61	0.78	0.44	0.57	-0.82	0.935661	1	Gtppb6	GTP binding protein 6 (putative) [Source:RGD Symbol;Acc:1305954]	2
ENSRNOG000000049952	840.82	804.19	877.45	1.09	0.13	0.218638	0.504579606	Gucd1	guanylyl cyclase domain containing 1 [Source:RGD Symbol;Acc:15597571]	1
ENSRNOG000000012060	242.99	262.22	223.76	0.85	-0.23	0.149821	0.397802318	Gucy1b3	guanylate cyclase 1, soluble, beta 3 [Source:RGD Symbol;Acc:276975]	2
ENSRNOG000000010603	0.69	1.11	0.27	0.24	-2.05	0.357165	0.672307646	Gzma	granzyme A [Source:RGD Symbol;Acc:628640]	2
ENSRNOG000000033045	0.11	0.00	0.22	Inf	Inf	1	1	H2afj	H2A histone family, member J [Source:RGD Symbol;Acc:1592176]	2
ENSRNOG000000011523	1866.78	1984.30	1749.27	0.88	-0.18	0.034856	0.142196183	H2afy	H2A histone family, member Y [Source:RGD Symbol;Acc:621462]	5
ENSRNOG000000014743	3047.54	3080.11	3014.97	0.98	-0.03	0.679034	0.936564353	Hagh	hydroxyacyl glutathione hydrolase [Source:RGD Symbol;Acc:27279]	2
ENSRNOG000000004502	38.08	35.35	40.82	1.15	0.21	0.485183	0.790048456	Hal	histidine ammonia lyase [Source:RGD Symbol;Acc:68363]	5
ENSRNOG000000039284	609.65	623.00	596.29	0.96	-0.06	0.569611	0.853817142	Haus4	HAUS augmin-like complex, subunit 4 [Source:RGD Symbol;Acc:1305288]	5
ENSRNOG000000047098	1112.81	1931.13	294.49	0.15	-2.71	4.85E-149	5.66E-146	Hbb-b1	hemoglobin, beta adult major chain [Source:RGD Symbol;Acc:1595848]	2
ENSRNOG000000011522	1205.02	991.23	1418.80	1.43	0.52	1.87E-08	5.14E-07	Hcn1	hyperpolarization-activated cyclic nucleotide-gated potassium channel 1 [Source:RGD Symbol;Acc:620688]	1
ENSRNOG000000008831	4889.26	5049.48	4729.05	0.94	-0.09	0.236617	0.530067964	Hcn2	hyperpolarization-activated cyclic nucleotide-gated potassium channel 2 [Source:RGD Symbol;Acc:620689]	1
ENSRNOG000000020444	799.97	740.31	859.64	1.16	0.22	0.037644	0.150789813	Hcn3	hyperpolarization-activated cyclic nucleotide-gated potassium channel 3 [Source:RGD Symbol;Acc:620691]	5
ENSRNOG000000009450	226.29	218.39	234.18	1.07	0.10	0.482348	0.787199188	Hcn4	hyperpolarization-activated cyclic nucleotide-gated potassium channel 4 [Source:RGD Symbol;Acc:71065]	6
ENSRNOG000000018892	0.24	0.00	0.47	Inf	Inf	0.54582	0.83315454	Hcrt	hypocretin [Source:RGD Symbol;Acc:2786]	1
ENSRNOG000000011251	11.27	10.23	12.31	1.20	0.27	0.611665	0.885646155	Hcrtr2	hypocretin (orexin) receptor 2 [Source:RGD Symbol;Acc:2788]	2
ENSRNOG000000031915	922.29	987.57	857.00	0.87	-0.20	0.04276	0.165635541	Hdac10	histone deacetylase 10 [Source:RGD Symbol;Acc:1305874]	2
ENSRNOG000000004158	215.57	173.58	257.56	1.48	0.57	0.000465	0.004502911	Hdac9	histone deacetylase 9 [Source:RGD Symbol;Acc:1310748]	2
ENSRNOG000000010262	34.61	43.27	25.95	0.60	-0.74	0.028336	0.122317082	Hdc	histidine decarboxylase [Source:RGD Symbol;Acc:2790]	1
ENSRNOG000000000024	408.13	421.04	395.23	0.94	-0.09	0.490335	0.794743215	Hebp1	heme binding protein 1 [Source:RGD Symbol;Acc:1304581]	2
ENSRNOG0000000047692	1.70	1.19	2.21	1.85	0.89	0.556187	0.84110634	Hells	helicase, lymphoid specific [Source:RGD Symbol;Acc:1309820]	2
ENSRNOG000000009436	63.38	124.65	2.11	0.02	-5.88	7.65E-56	1.89E-53	Hemgn	hemogen [Source:RGD Symbol;Acc:621569]	2
ENSRNOG000000010893	15.65	13.83	17.47	1.26	0.34	0.384083	0.70072092	Hes3	hes family bHLH transcription factor 3 [Source:RGD Symbol;Acc:621339]	5
ENSRNOG000000020194	968.96	1027.21	910.71	0.89	-0.17	0.088566	0.279020975	Hes6	hes family bHLH transcription factor 6 [Source:RGD Symbol;Acc:1312047]	2
ENSRNOG000000003203	1725.65	1806.14	1645.15	0.91	-0.13	0.107554	0.318585547	Hexim1	hexamethylene bis-acetamide inducible 1 [Source:RGD Symbol;Acc:1559851]	1
ENSRNOG000000001863	59.57	63.27	55.87	0.88	-0.18	0.479583	0.784233045	Hic2	hypermethylated in cancer 2 [Source:RGD Symbol;Acc:1305338]	2
ENSRNOG000000008292	2538.82	2322.58	2755.07	1.19	0.25	0.003207	0.022044307	Hif1a	hypoxia-inducible factor 1, alpha subunit (basic helix-loop-helix transcription factor) [Source:RGD Symbol;Acc:61928]	1
ENSRNOG000000000622	874.72	874.68	874.76	1.00	0.00	0.938856	1	Hint1	histidine triad nucleotide binding protein 1 [Source:RGD Symbol;Acc:1593411]	1
ENSRNOG0000000049582	6.40	4.99	7.80	1.56	0.64	0.261889	0.562495016	Hist1h2ai	histone cluster 1, H2ai [Source:RGD Symbol;Acc:2321504]	3
ENSRNOG0000000042988	1339.40	1345.24	1333.56	0.99	-0.01	0.861777	1	Hist3h2a	histone cluster 3, H2a [Source:RGD Symbol;Acc:621437]	2
ENSRNOG000000009341	324.79	265.77	383.80	1.44	0.53	0.000176	0.001979878	Hivep3	human immunodeficiency virus type 1 enhancer binding protein 3 [Source:RGD Symbol;Acc:1311252]	2
ENSRNOG000000010390	1302.47	1364.02	1240.91	0.91	-0.14	0.134157	0.368583508	Hmb	hydroxymethylbilane synthase [Source:RGD Symbol;Acc:2301]	2
ENSRNOG000000029813	15.07	18.68	11.47	0.61	-0.70	0.07015	0.285761	Hmgb1	high mobility group box 1 [Source:RGD Symbol;Acc:2802]	1
ENSRNOG000000013167	18.57	25.65	11.49	0.45	-1.16	0.001372	0.010982555	Hmgb2	high mobility group box 2 [Source:RGD Symbol;Acc:69291]	2
ENSRNOG000000011193	423.48	375.40	471.56	1.26	0.33	0.012931	0.066973387	Hmglc11	3-hydroxymethyl-3-methylglutaryl-CoA lyase-like 1 [Source:RGD Symbol;Acc:1565090]	2
ENSRNOG000000014117	508.48	540.44	476.51	0.88	-0.18	0.153324	0.404135866	Hmox1	heme oxygenase (decycling) 1 [Source:RGD Symbol;Acc:2806]	5
ENSRNOG000000003773	4213.64	4048.34	4378.95	1.08	0.11	0.155159	0.407132737	Hmox2	heme oxygenase (decycling) 2 [Source:RGD Symbol;Acc:67402]	1
ENSRNOG000000003661	4252.57	4323.85	4181.30	0.97	-0.05	0.514053	0.831416574	Hn1	hematological and neurological expressed 1 [Source:RGD Symbol;Acc:1359325]	6
ENSRNOG000000036839	606.66	606.36	606.96	1.00	0.00	0.942847	1	Hnrrpa1	heterogeneous nuclear ribonucleoprotein A1 [Source:RGD Symbol;Acc:69234]	2
ENSRNOG000000011621	864.92	851.76	878.08	1.03	0.04	0.719259	0.961910531	Hnrrpc	heterogeneous nuclear ribonucleoprotein C [Source:RGD Symbol;Acc:1309982]	1
ENSRNOG000000007921	3481.81	3689.44	3274.17	0.89	-0.17	0.027282	0.119012917	Hnrrpm	heterogeneous nuclear ribonucleoprotein M [Source:RGD Symbol;Acc:620369]	2
ENSRNOG0000000033790	9196.83	9259.85	9133.81	0.99	-0.02	0.751964	0.983702988	Hnrrpu	heterogeneous nuclear ribonucleoprotein U [Source:RGD Symbol;Acc:620372]	1
ENSRNOG000000026226	233.63	202.53	264.73	1.31	0.39	0.017574	0.085378392	Hook1	hook microtubule-tethering protein 1 [Source:RGD Symbol;Acc:1309987]	2
ENSRNOG000000003682	398.13	433.82	362.43	0.84	-0.26	0.046633	0.175663809	Hook2	hook microtubule-tethering protein 2 [Source:RGD Symbol;Acc:1310171]	2
ENSRNOG000000008191	0.48	0.48	0.49	1.03	0.04	1	1	Hoxb4	homeo box B4 [Source:RGD Symbol;Acc:1560113]	2
ENSRNOG000000001577	21.39	16.89	25.88	1.53	0.62	0.052872	0.193367568	Hoxd3	homeo box D3 [Source:RGD Symbol;Acc:1588601]	2
ENSRNOG000000001578	34.99	41.12	28.87	0.70	-0.51	0.077467	0.253307087	Hoxd4	homeo box D4 [Source:RGD Symbol;Acc:1309690]	2
ENSRNOG000000006979	1216.86	1170.78	1262.94	1.08	0.11	0.225672	0.515381067	Hpca	hippocalcin [Source:RGD Symbol;Acc:620060]	5
ENSRNOG000000005492	5079.98	4812.36	5347.61	1.11	0.15	0.045079	0.171519816	Hpcal1	hippocalcin-like 1 [Source:RGD Symbol;Acc:708375]	5
ENSRNOG000000050983	32.97	33.42	32.52	0.97	-0.04	0.861428	1	Hpcal4	hippocalcin-like 4 [Source:RGD Symbol;Acc:708491]	3
ENSRNOG000000016611	1574.26	1657.71	1490.80	0.91	-0.15	0.082051	0.263406855	Hras	Harvey rat sarcoma virus oncogene [Source:RGD Symbol;Acc:2827]	2
ENSRNOG000000007420	60.48	63.48	57.48	0.91	-0.14	0.543371	0.83315454	Hrh1	histamine receptor H 1 [Source:RGD Symbol;Acc:2830]	2
ENSRNOG000000007420	60.48	63.48	57.48	0.91	-0.14	0.543371	0.83315454	Hrh1	histamine receptor H 1 [Source:RGD Symbol;Acc:2830]	4
ENSRNOG000000018260	8.86	6.51	11.22	1.72	0.79	0.116235	0.335461184	Hrh2	histamine receptor H 2 [Source:RGD Symbol;Acc:2831]	2
ENSRNOG000000018260	8.86	6.51	11.22	1.72	0.79	0.116235	0.335461184	Hrh2	histamine receptor H 2 [Source:RGD Symbol;Acc:2831]	4
ENSRNOG000000008080	355.02	377.28	332.76	0.88	-0.18	0.206625	0.487429749	Hrh3	histamine receptor H3 [Source:RGD Symbol;Acc:620630]	7
ENSRNOG000000030880	384.54	343.19	425.88	1.24	0.31	0.022939	0.10440479	Hs6t2	heparan sulfate 6-O-sulfotransferase 2 [Source:RGD Symbol;Acc:1564397]	5
ENSRNOG000000042693	80.58	78.80	82.36	1.05	0.06	0.788159	1	Hsbp11	heat shock factor binding protein 1-like 1 [Source:RGD Symbol;Acc:2301798]	2
ENSRNOG000000019830	48.15	49.06	47.23	0.96	-0.05	0.7928	1	Hsd17b1	hydroxysteroid (17-beta) dehydrogenase 1 [Source:RGD Symbol;Acc:2836]	3
ENSRNOG000000004666	703.23	756.05	650.41	0.86	-0.22	0.047881	0.179262464	Hsd17b8	hydroxysteroid (17-beta) dehydrogenase 8 [Source:RGD Symbol;Acc:1303158]	1
ENSRNOG000000019834	55996.08	56480.74	55511.43	0.98	-0.02	0.760593	0.987230111	Hsp90ab1	heat shock protein 90 alpha (cytosolic), class B member 1 [Source:RGD Symbol;Acc:1303075]	1
ENSRNOG000000050647	60.95	52.80	69.11	1.31	0.39	0.122593	0.345987555	Hspa1a	heat shock protein 1A [Source:RGD Symbol;Acc:1593284]	3
ENSRNOG000000032585	133.89	123.90	143.89	1.16	0.22	0.298327	0.605800826	Hspa8	heat shock 70kDa protein 8 [Source:RGD Symbol;Acc:621725]	1
ENSRNOG000000019525	5358.97	5335.11	5382.84	1.01	0.01	0.888811	1	Hspa9	heat shock protein 9 [Source:RGD Symbol;Acc:1311806]	1
ENSRNOG000000022392	10638.77	10455.37	10822.17	1.04	0.05	0.546874	0.833857067	Hspb8	heat shock protein B8 [Source:RGD Symbol;Acc:71003]	2
ENSRNOG000000010254	49.69	41.06	58.31	1.42	0.51	0.044648	0.170560737	Htr1a	5-hydroxytryptamine (serotonin) receptor 1A, G protein-coupled [Source:RGD Symbol;Acc:2845]	7
ENSRNOG000000013042	201.14	170.43	231.86	1.36	0.44	0.005136	0.03233809	Htr1b	5-hydroxytryptamine (serotonin) receptor 1B, G protein-coupled [Source:RGD Symbol;Acc:2846]	1
ENSRNOG000000000716	5.63	5.37	5.89	1.10	0.14	0.878487	1	Htr1f	5-hydroxytryptamine (serotonin) receptor 1F, G protein-coupled [Source:RGD Symbol;Acc:71083]	2
ENSRNOG000000010063	98.49	80.21	116.77	1.46	0.54	0.01049	0.057068132	Htr2a	5-hydroxytryptamine (serotonin) receptor 2A, G protein-coupled [Source:RGD Symbol;Acc:61800]	1
ENSRNOG000000017625	15.93	19.03	12.83	0.67	-0.57	0.147532	0.393530854	Htr2b	5-hydroxytryptamine (serotonin) receptor 2B, G protein-coupled [Source:RGD Symbol;Acc:61801]	1
ENSRNOG000000030877	9.03	8.76	9.29	1.06	0.08	0.843498	1	Htr2c	5-hydroxytryptamine (serotonin) receptor 2C, G protein-coupled [Source:RGD Symbol;Acc:2848]	1
ENSRNOG000000006595	5280.58	5088.10	5473.06	1.08	0.11	0.166353	0.424813758	Htr3a	5-hydroxytryptamine (serotonin) receptor 3A, ionotropic [Source:RGD Symbol;Acc:61818]	1
ENSRNOG000000006920	2815									

ENSRNOG00000024204	0.25	0.29	0.22	0.75	-0.42	1	1	lfne	interferon, epsilon [Source:RGD Symbol;Acc:1565065]	1
ENSRNOG00000012074	2254.03	2434.43	2073.63	0.85	-0.23	0.004468	0.028879836	lfng1r	interferon gamma receptor 1 [Source:RGD Symbol;Acc:620570]	1
ENSRNOG000000050997	811.92	801.32	822.51	1.03	0.04	0.745123	0.978834273	lfrrd1	interferon-related developmental regulator 1 [Source:RGD Symbol;Acc:2867]	1
ENSRNOG000000016150	308.63	357.39	259.86	0.73	-0.46	0.001565	0.012278174	lfrrd2	interferon-related developmental regulator 2 [Source:RGD Symbol;Acc:1310222]	2
ENSRNOG000000016545	1127.70	1084.86	1170.55	1.08	0.11	0.249065	0.545230922	lft140	intraflagellar transport 140 [Source:RGD Symbol;Acc:2318759]	2
ENSRNOG000000004517	299.78	354.97	244.59	0.69	-0.54	0.000276	0.002916871	lfg1	insulin-like growth factor 1 [Source:RGD Symbol;Acc:2868]	1
ENSRNOG000000016957	1896.82	1933.79	1859.86	0.96	-0.06	0.519078	0.819425187	lfgfbp2	insulin-like growth factor binding protein 2 [Source:RGD Symbol;Acc:2873]	3
ENSRNOG000000011320	113.68	96.29	131.07	1.36	0.44	0.032642	0.135649954	lfgfbp1	insulin-like growth factor binding protein-like 1 [Source:RGD Symbol;Acc:1305656]	3
ENSRNOG000000016725	1721.85	1677.52	1766.18	1.05	0.07	0.388202	0.705473334	lkbkap	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase complex-associated protein [Source:RGD Symbol;Acc:620072]	1
ENSRNOG000000019073	931.86	1016.63	847.09	0.83	-0.26	0.008476	0.048342596	lkbkb	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta [Source:RGD Symbol;Acc:621375]	1
ENSRNOG000000025100	282.49	313.39	251.59	0.80	-0.32	0.04046	0.158653779	lkbke	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase epsilon [Source:RGD Symbol;Acc:1308352]	1
ENSRNOG000000004647	0.23	0.24	0.22	0.90	-0.14	1	1	ll10	interleukin 10 [Source:RGD Symbol;Acc:2886]	1
ENSRNOG000000007652	0.11	0.00	0.22	Inf	Inf	1	1	ll13	interleukin 13 [Source:RGD Symbol;Acc:68949]	1
ENSRNOG000000011680	2459.58	2858.33	2060.83	0.72	-0.47	1.42E-08	3.99E-07	ll16	interleukin 16 [Source:RGD Symbol;Acc:1583872]	1
ENSRNOG000000009848	43.28	50.74	35.82	0.71	-0.50	0.06301	0.219159789	ll18	interleukin 18 [Source:RGD Symbol;Acc:2889]	1
ENSRNOG000000004575	0.99	0.00	1.97	Inf	Inf	0.016394	0.080692372	ll1a	interleukin 1 alpha [Source:RGD Symbol;Acc:2890]	1
ENSRNOG000000004649	31.00	39.51	22.50	0.57	-0.81	0.005651	0.034858806	ll1b	interleukin 1 beta [Source:RGD Symbol;Acc:2891]	4
ENSRNOG000000014504	133.43	122.67	144.19	1.18	0.23	0.191713	0.465432886	ll1r1	interleukin 1 receptor, type 1 [Source:RGD Symbol;Acc:2892]	1
ENSRNOG000000001928	185.92	163.74	208.11	1.27	0.35	0.046532	0.17539782	ll1rap	interleukin 1 receptor accessory protein [Source:RGD Symbol;Acc:2893]	1
ENSRNOG000000005871	28.05	44.37	11.74	0.26	-1.92	4.79E-09	1.47E-07	ll1rn	interleukin 1 receptor antagonist [Source:RGD Symbol;Acc:621159]	1
ENSRNOG000000017348	0.12	0.24	0.00	0.00	#NAME?	0.964516	1	ll2	interleukin 2 [Source:RGD Symbol;Acc:620047]	1
ENSRNOG000000015773	46.39	69.20	23.59	0.34	-1.55	6.63E-09	1.98E-07	ll21r	interleukin 21 receptor [Source:RGD Symbol;Acc:1304950]	1
ENSRNOG000000027976	5.39	5.83	4.94	0.85	-0.24	0.948959	1	ll22ra1	interleukin 22 receptor, alpha 1 [Source:RGD Symbol;Acc:1559655]	1
ENSRNOG000000012259	12.51	8.35	16.67	2.00	1.00	0.024728	0.110720404	ll22ra2	interleukin 22 receptor, alpha 2 [Source:RGD Symbol;Acc:1303169]	1
ENSRNOG000000047647	5.15	6.56	3.74	0.57	-0.81	0.181489	0.44906262	ll2ra	interleukin 2 receptor, alpha [Source:RGD Symbol;Acc:2895]	1
ENSRNOG0000000048636	15.52	18.76	12.29	0.66	-0.61	0.129538	0.358733761	ll2rb	interleukin 2 receptor, beta [Source:RGD Symbol;Acc:2896]	6
ENSRNOG000000042080	213.92	175.78	252.07	1.43	0.52	0.001285	0.01040344	ll31ra	interleukin 31 receptor A [Source:RGD Symbol;Acc:1586476]	5
ENSRNOG0000000016456	2981.10	2807.39	3154.81	1.12	0.17	0.068077	0.230601947	ll33	interleukin 33 [Source:RGD Symbol;Acc:1311155]	1
ENSRNOG000000007624	0.75	1.28	0.22	0.18	-2.51	0.213858	0.497840296	ll4	interleukin 4 [Source:RGD Symbol;Acc:2898]	1
ENSRNOG000000008111	0.37	0.00	0.74	Inf	Inf	0.293035	0.598657499	ll5	interleukin 5 [Source:RGD Symbol;Acc:2900]	1
ENSRNOG000000010278	1.60	1.75	1.46	0.83	-0.27	0.905214	1	ll6	interleukin 6 [Source:RGD Symbol;Acc:2901]	1
ENSRNOG000000013963	8121.09	7960.09	8282.10	1.04	0.06	0.459247	0.77531279	ll6st	interleukin 6 signal transducer [Source:RGD Symbol;Acc:2903]	1
ENSRNOG0000000045844	2869.47	2567.64	3171.30	1.24	0.30	0.000241	0.002606604	ll6st2	imprinted and ancient [Source:RGD Symbol;Acc:1591977]	2
ENSRNOG000000020248	1796.38	1656.79	1935.97	1.17	0.22	0.010444	0.056881499	llna	internexin neuronal intermediate filament protein, alpha [Source:RGD Symbol;Acc:2911]	5
ENSRNOG000000007551	3057.15	2912.24	3202.06	1.10	0.14	0.077002	0.25207227	llnad	InaD-like [Drosophila] [Source:RGD Symbol;Acc:1565362]	1
ENSRNOG0000000032929	1697.88	1668.23	1727.52	1.04	0.05	0.575916	0.858950734	llncnp	inner centromere protein [Source:RGD Symbol;Acc:1305292]	2
ENSRNOG000000020097	368.13	396.73	339.53	0.86	-0.22	0.112175	0.327929842	llnha	inhibin alpha [Source:RGD Symbol;Acc:2912]	2
ENSRNOG000000008873	738.88	775.96	701.80	0.90	-0.14	0.181366	0.44909509	llno8ob	INO80 complex subunit B [Source:RGD Symbol;Acc:1562258]	2
ENSRNOG000000024272	34.40	27.88	40.92	1.47	0.55	0.040191	0.157893106	llno8od	INO80 complex subunit D [Source:RGD Symbol;Acc:1304808]	2
ENSRNOG000000015868	2.89	3.21	2.57	0.80	-0.32	0.881334	1	llnsl6	insulin-like 6 [Source:RGD Symbol;Acc:62061]	2
ENSRNOG000000007754	268.16	245.31	291.02	1.19	0.25	0.087387	0.275759313	llnsm2	insulinoma-associated 2 [Source:RGD Symbol;Acc:1306949]	5
ENSRNOG000000026420	37.17	39.81	34.53	0.87	-0.21	0.494184	0.798765401	llqcg	IQ motif containing G [Source:RGD Symbol;Acc:1311606]	2
ENSRNOG000000027894	141.21	150.95	131.48	0.87	-0.20	0.311319	0.621396452	llqgap3	IQ motif containing GTPase activating protein 3 [Source:RGD Symbol;Acc:1305951]	2
ENSRNOG000000027894	141.21	150.95	131.48	0.87	-0.20	0.311319	0.621396452	llqgap3	IQ motif containing GTPase activating protein 3 [Source:RGD Symbol;Acc:1305951]	3
ENSRNOG000000004226	347.62	377.40	317.85	0.84	-0.25	0.065259	0.223978737	llrak3	interleukin-1 receptor-associated kinase 3 [Source:RGD Symbol;Acc:1308846]	2
ENSRNOG000000009824	439.10	431.49	446.71	1.04	0.05	0.691266	0.943449877	llrf2	interferon regulatory factor 2 [Source:RGD Symbol;Acc:1304922]	5
ENSRNOG000000005082	1378.24	1280.55	1475.92	1.15	0.20	0.024574	0.110170023	llrf6	interferon regulatory factor 6 [Source:RGD Symbol;Acc:1309645]	5
ENSRNOG000000017414	421.48	427.96	415.00	0.97	-0.04	0.772321	0.993496872	llrf7	interferon regulatory factor 7 [Source:RGD Symbol;Acc:1307828]	2
ENSRNOG000000019478	1014.10	987.05	1041.15	1.05	0.08	0.439918	0.759021555	llrf9	interferon regulatory factor 9 [Source:RGD Symbol;Acc:1308766]	2
ENSRNOG00000001389	129.25	153.59	104.91	0.68	-0.55	0.000204	0.027487548	llrs3	insulin receptor substrate 3 [Source:RGD Symbol;Acc:69317]	3
ENSRNOG000000011037	2.82	5.16	0.48	0.09	-3.42	0.000745	0.00688862	llrx6	iroquois homeobox 6 [Source:RGD Symbol;Acc:1564830]	2
ENSRNOG000000021802	255.89	220.50	291.29	1.32	0.40	0.008503	0.04685343	llsg15	ISG15 ubiquitin-like modifier [Source:RGD Symbol;Acc:1310312]	2
ENSRNOG000000018151	61.70	62.45	60.95	0.98	-0.04	0.89876	1	llsg20	interferon stimulated exonuclease gene 20 [Source:RGD Symbol;Acc:1306407]	2
ENSRNOG000000015336	2775.35	2776.24	2774.45	1.00	0.00	0.981327	1	llsl2	ISL LIM homeobox 2 [Source:RGD Symbol;Acc:621849]	5
ENSRNOG000000019728	105.78	120.10	91.47	0.76	-0.39	0.035297	0.14352251	lltgam	integrin, alpha M [Source:RGD Symbol;Acc:2926]	1
ENSRNOG000000006860	22.03	21.44	22.61	1.05	0.08	0.861301	1	lltk	IL2-inducible T-cell kinase [Source:RGD Symbol;Acc:1311618]	3
ENSRNOG000000002969	1225.99	1255.70	1196.27	0.95	-0.07	0.500722	0.804201045	lltpkb	inositol-trisphosphate 3-kinase B [Source:RGD Symbol;Acc:2932]	2
ENSRNOG000000007104	377.69	378.56	376.82	1.00	-0.01	0.973806	1	lltpr1	inositol 1,4,5-trisphosphate receptor, type 1 [Source:RGD Symbol;Acc:2933]	1
ENSRNOG000000048902	889.43	888.15	890.71	1.00	0.00	0.995051	1	llvns1abp	influenza virus NS1A binding protein [Source:RGD Symbol;Acc:1306290]	1
ENSRNOG000000031950	244.88	267.82	221.93	0.83	-0.27	0.092704	0.287734505	llzumo4	IZUMO family member 4 [Source:RGD Symbol;Acc:1564722]	2
ENSRNOG000000039837	42.61	40.75	44.47	1.09	0.13	0.646045	0.912466559	lljade3	jade family PHD finger 3 [Source:RGD Symbol;Acc:1563945]	2
ENSRNOG000000018669	355.21	380.95	329.47	0.86	-0.21	0.136451	0.372675216	lljak3	Janus kinase 3 [Source:RGD Symbol;Acc:2940]	2
ENSRNOG000000006110	9.03	10.43	7.62	0.73	-0.45	0.351374	0.668347813	lljph1	junctophilin 1 [Source:RGD Symbol;Acc:1308789]	2
ENSRNOG000000008170	60.12	97.97	22.27	0.23	-2.14	4.43E-16	2.77E-14	lljph2	junctophilin 2 [Source:RGD Symbol;Acc:1305196]	2
ENSRNOG000000025589	2121.41	1983.27	2259.55	1.14	0.19	0.020401	0.095517272	lljph4	junctophilin 4 [Source:RGD Symbol;Acc:1303170]	2
ENSRNOG000000026293	2143.78	2201.86	2085.70	0.95	-0.08	0.385997	0.702668725	lljun	jun proto-oncogene [Source:RGD Symbol;Acc:2943]	1
ENSRNOG000000042838	544.59	608.43	480.74	0.79	-0.34	0.004018	0.02650382	lljunb	jun B proto-oncogene [Source:RGD Symbol;Acc:2944]	3
ENSRNOG000000013390	135.37	117.92	152.81	1.30	0.37	0.057681	0.205699212	llkbtb8	kelch repeat and BTB (POZ) domain containing 8 [Source:RGD Symbol;Acc:1563166]	2
ENSRNOG000000019750	1484.70	1202.54	1766.86	1.47	0.56	9.12E-11	3.56E-09	llkcna1	potassium voltage-gated channel, shaker-related subfamily, member 1 [Source:RGD Symbol;Acc:2949]	1
ENSRNOG000000018285	690.40	447.49	933.30	2.09	1.06	1.13E-22	1.03E-20	llkcna2	potassium voltage-gated channel, shaker-related subfamily, member 2 [Source:RGD Symbol;Acc:2950]	1
ENSRNOG000000018116	8.94	7.96	9.91	1.24	0.32	0.521313	0.821640745	llkcna3	potassium voltage-gated channel, shaker-related subfamily, member 3 [Source:RGD Symbol;Acc:2951]	5
ENSRNOG000000004918	778.06	638.82	917.30	1.44	0.52	1.02E-06	2.02E-05	llkcna4	potassium voltage-gated channel, shaker-related subfamily, member 4 [Source:RGD Symbol;Acc:2952]	5
ENSRNOG000000020779	13.22	14.26	12.18	0.85	-0.23	0.637306	0.906180933	llkcna7	potassium voltage-gated channel, shaker-related subfamily, member 7 [Source:RGD Symbol;Acc:1309632]	3
ENSRNOG000000010422	3950.99	3381.08	4520.89	1.34	0.42	9.40E-08	2.26E-06	llkcna1b	potassium voltage-gated channel, shaker-related subfamily, beta member 1 [Source:RGD Symbol;Acc:6128829]	2
ENSRNOG000000004077	704.40	622.85	785.94	1.26	0.34	0.00254	0.018345612	llkcnc2	potassium voltage-gated channel, Shaw-related subfamily, member 2 [Source:RGD Symbol;Acc:628829]	5
ENSRNOG000000014686	423.63	338.26	509.00	1.50	0.59	3.80E-06	6.62E-05	llkcnd3	potassium voltage-gated channel, Shal-related subfamily, member 3 [Source:RGD Symbol;Acc:68394]	5
ENSRNOG000000017054	68.52	67.38	69.65	1.03	0.05	0.864695	1	llkcne3	potassium voltage-gated channel, Isk-related family, member 3 [Source:RGD Symbol;Acc:621384]	2
ENSRNOG000000024310	344.83	345.94	343.72	0.99	-0.01	0.943477	1	llkcnf1	potassium voltage-gated channel, subfamily F, member 1 [Source:RG	

ENSRNOG000000005369	774.38	581.45	967.30	1.66	0.73	1.99E-12	9.02E-11	Kcnj3	potassium inwardly-rectifying channel, subfamily J, member 3 [Source:RGD Symbol;Acc:2958]	1
ENSRNOG000000003796	41.03	43.35	38.71	0.89	-0.16	0.563643	0.847855006	Kcnj5	potassium inwardly-rectifying channel, subfamily J, member 5 [Source:RGD Symbol;Acc:61971]	1
ENSRNOG000000001658	35.44	24.68	46.20	1.87	0.90	0.001489	0.011735981	Kcnj6	potassium inwardly-rectifying channel, subfamily J, member 6 [Source:RGD Symbol;Acc:2959]	7
ENSRNOG0000000013463	158.57	211.36	105.78	0.50	-1.00	3.38E-08	8.74E-07	Kcnj8	potassium inwardly-rectifying channel, subfamily J, member 8 [Source:RGD Symbol;Acc:2960]	1
ENSRNOG000000007645	362.68	404.28	321.08	0.79	-0.33	0.016627	0.081629698	Kcnj9	potassium inwardly-rectifying channel, subfamily J, member 9 [Source:RGD Symbol;Acc:621440]	1
ENSRNOG0000000016110	194.27	166.12	222.43	1.34	0.42	0.01018	0.055790165	Kcnk12	potassium channel, subfamily K, member 12 [Source:RGD Symbol;Acc:68940]	5
ENSRNOG0000000047363	17.71	18.66	16.76	0.90	-0.16	0.68434	0.940264906	Kcnk13	potassium channel, subfamily K, member 13 [Source:RGD Symbol;Acc:68941]	3
ENSRNOG000000006422	7.12	9.17	5.07	0.55	-0.86	0.098526	0.299611583	Kcnk16	potassium channel, subfamily K, member 16 [Source:RGD Symbol;Acc:1582911]	5
ENSRNOG0000000032706	351.79	287.72	415.86	1.45	0.53	0.000107	0.001271633	Kcnk18	potassium channel, subfamily K, member 18 [Source:RGD Symbol;Acc:1303091]	1
ENSRNOG000000002653	761.57	744.76	778.38	1.05	0.06	0.668977	0.929432154	Kcnk2	potassium channel, subfamily K, member 2 [Source:RGD Symbol;Acc:621448]	6
ENSRNOG000000009790	234.87	224.28	245.46	1.09	0.13	0.385287	0.702106739	Kcnk3	potassium channel, subfamily K, member 3 [Source:RGD Symbol;Acc:61997]	1
ENSRNOG000000009265	30.07	28.68	31.47	1.10	0.13	0.653294	0.917585168	Kcnk9	potassium channel, subfamily K, member 9 [Source:RGD Symbol;Acc:621451]	4
ENSRNOG000000005465	10.41	17.95	2.87	0.16	-2.65	1.66E-07	3.87E-06	Kcnmb1	potassium large conductance calcium-activated channel, subfamily M, beta member 1 [Source:RGD Symbol;Acc:2961]	5
ENSRNOG000000010094	72.66	58.23	87.09	1.50	0.58	0.01096	0.058803637	Kcnmb2	potassium large conductance calcium-activated channel, subfamily M, beta member 2 [Source:RGD Symbol;Acc:631398]	3
ENSRNOG0000000029264	553.95	557.56	550.35	0.99	-0.02	0.944773		1 Kcnn1	potassium intermediate/small conductance calcium-activated channel, subfamily N, member 1 [Source:RGD Symbol;Acc:2962]	5
ENSRNOG0000000020706	158.67	132.66	184.68	1.39	0.48	0.004717	0.030149911	Kcnn3	potassium intermediate/small conductance calcium-activated channel, subfamily N, member 3 [Source:RGD Symbol;Acc:2964]	5
ENSRNOG0000000013681	2631.79	2481.44	2782.14	1.12	0.17	0.03484	0.142161501	Kcns1	potassium voltage-gated channel, delayed-rectifier, subfamily S, member 1 [Source:RGD Symbol;Acc:621524]	1
ENSRNOG0000000011369	13.28	12.65	13.90	1.10	0.14	0.885904		1 Kcns2	potassium voltage-gated channel, delayed-rectifier, subfamily S, member 2 [Source:RGD Symbol;Acc:621525]	3
ENSRNOG0000000017283	2178.34	1966.17	2390.51	1.22	0.28	0.000617	0.00570422	Kcnt1	potassium channel, subfamily T, member 1 [Source:RGD Symbol;Acc:621106]	5
ENSRNOG0000000021008	151.22	119.80	182.64	1.52	0.61	0.000808	0.007160085	Kctd16	potassium channel tetramerization domain containing 16 [Source:RGD Symbol;Acc:1559856]	2
ENSRNOG0000000000231	3579.01	3802.90	3355.11	0.88	-0.18	0.021325	0.098700726	Kctd17	potassium channel tetramerization domain containing 17 [Source:RGD Symbol;Acc:1311154]	1
ENSRNOG0000000026472	932.31	868.77	995.84	1.15	0.20	0.047572	0.178359375	Kctd8	potassium channel tetramerization domain containing 8 [Source:RGD Symbol;Acc:1312020]	2
ENSRNOG0000000007177	1217.10	1263.88	1170.31	0.93	-0.11	0.221508	0.509133211	Kdelc2	KDEL (Lys-Asp-Glu-Leu) containing 2 [Source:RGD Symbol;Acc:1562027]	2
ENSRNOG0000000025702	423.87	436.75	410.99	0.94	-0.09	0.54944	0.835985071	Kdm2b	lysine (K)-specific demethylase 2B [Source:RGD Symbol;Acc:1310217]	2
ENSRNOG0000000002781	837.42	830.11	844.72	1.02	0.03	0.824821		1 Kdsr	3-ketodihydroshpingosine reductase [Source:RGD Symbol;Acc:1307775]	2
ENSRNOG0000000016715	103.88	121.23	86.52	0.71	-0.49	0.017879	0.086424525	Kif11	kinesin family member 11 [Source:RGD Symbol;Acc:621258]	2
ENSRNOG0000000005037	25.89	26.98	24.80	0.92	-0.12	0.705294	0.952994602	Kif18a	kinesin family member 18A [Source:RGD Symbol;Acc:1561740]	1
ENSRNOG0000000023993	16504.16	14967.70	18040.62	1.21	0.27	0.000257	0.002749128	Kif1a	kinesin family member 1A [Source:RGD Symbol;Acc:1304996]	2
ENSRNOG0000000020281	92.07	105.67	78.46	0.74	-0.43	0.043634	0.167936187	Kif22	kinesin family member 22 [Source:RGD Symbol;Acc:1311886]	2
ENSRNOG00000000014080	60.65	79.12	42.18	0.53	-0.91	0.000188	0.00210111	Kif23	kinesin family member 23 [Source:RGD Symbol;Acc:1308596]	2
ENSRNOG0000000011394	7088.71	6572.40	7605.01	1.16	0.21	0.004174	0.027327131	Kif3c	kinesin family member 3C [Source:RGD Symbol;Acc:621538]	2
ENSRNOG0000000000479	110.47	143.41	77.54	0.54	-0.89	1.90E-05	0.000277385	Kifc1	kinesin family member C1 [Source:RGD Symbol;Acc:1359118]	2
ENSRNOG0000000031748	2121.88	2114.77	2128.98	1.01	0.01	0.89748		1 Kifc2	kinesin family member C2 [Source:RGD Symbol;Acc:735021]	2
ENSRNOG0000000014087	1138.80	1228.29	1049.31	0.85	-0.23	0.018658	0.089164846	Kifc3	kinesin family member C3 [Source:RGD Symbol;Acc:1307693]	2
ENSRNOG0000000026690	248.71	247.62	249.80	1.01	0.01	0.956979		1 Kin	antigenic determinant of rec-A protein homolog (mouse) [Source:RGD Symbol;Acc:1596107]	2
ENSRNOG0000000002227	948.40	880.31	1016.50	1.15	0.21	0.033513	0.138192053	Kit	v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog [Source:RGD Symbol;Acc:620568]	1
ENSRNOG0000000001092	7.64	5.72	9.56	1.67	0.74	0.171955	0.434463396	Klc	Klotho [Source:RGD Symbol;Acc:620396]	3
ENSRNOG0000000018168	1486.82	1561.30	1412.34	0.90	-0.14	0.121674	0.345780483	Klc4	kinesin light chain 4 [Source:RGD Symbol;Acc:1306555]	2
ENSRNOG0000000033443	71.71	102.10	41.31	0.40	-1.31	2.82E-08	7.44E-07	Klf1	Kruppel-like factor 1 (erythroid) [Source:RGD Symbol;Acc:1309398]	2
ENSRNOG0000000006118	610.81	649.60	572.02	0.88	-0.18	0.107333	0.318019318	Klf10	Kruppel-like factor 10 [Source:RGD Symbol;Acc:621652]	2
ENSRNOG0000000008785	382.75	405.88	359.62	0.89	-0.17	0.221629	0.509178545	Klf5	Kruppel-like factor 5 [Source:RGD Symbol;Acc:621446]	5
ENSRNOG0000000012961	242.17	190.14	294.21	1.55	0.63	3.76E-05	0.000513372	Klf7	Kruppel-like factor 7 (ubiquitous) [Source:RGD Symbol;Acc:1306029]	6
ENSRNOG0000000039057	18.28	13.55	23.01	1.70	0.76	0.029405	0.12551476	Klf8	Kruppel-like factor 8 [Source:RGD Symbol;Acc:1565831]	2
ENSRNOG0000000047867	2090.32	2212.13	1968.52	0.89	-0.17	0.04636	0.174969897	Klhd8b	kelch domain containing 8B [Source:RGD Symbol;Acc:1359445]	2
ENSRNOG0000000031100	44.96	36.95	52.97	1.43	0.52	0.071729	0.23985915	Klhl1	kelch-like family member 1 [Source:RGD Symbol;Acc:1307452]	1
ENSRNOG0000000029441	891.00	815.47	966.53	1.19	0.25	0.017485	0.085025998	Klhl2	kelch-like family member 2 [Source:RGD Symbol;Acc:1306388]	5
ENSRNOG0000000005371	857.23	803.11	911.35	1.13	0.18	0.078074	0.254499551	Klhl29	kelch-like family member 29 [Source:RGD Symbol;Acc:1311076]	3
ENSRNOG0000000017365	61.21	66.02	56.41	0.85	-0.23	0.367427	0.683448942	Klhl35	kelch-like family member 35 [Source:RGD Symbol;Acc:1565895]	2
ENSRNOG0000000008421	691.36	662.81	719.90	1.09	0.12	0.289538	0.596205876	Klhl5	kelch-like family member 5 [Source:RGD Symbol;Acc:1309661]	5
ENSRNOG0000000006335	3992.23	3616.51	4367.95	1.21	0.27	0.000526	0.004997117	Klhl9	kelch-like family member 9 [Source:RGD Symbol;Acc:1304814]	1
ENSRNOG0000000032857	0.75	0.29	1.21	1.49	2.07	0.283035	0.5885648363	Klik1c9	kallikrein 1-related peptidase C9 [Source:RGD Symbol;Acc:727805]	2
ENSRNOG0000000033658	177.50	163.17	191.82	1.18	0.23	0.159874	0.414262351	Kntc1	kinetochore associated 1 [Source:RGD Symbol;Acc:1307905]	6
ENSRNOG0000000015329	57.81	64.66	50.95	0.79	-0.34	0.179208	0.445925285	Kpna2	karyopherin alpha 2 [Source:RGD Symbol;Acc:621419]	1
ENSRNOG0000000009338	508.68	442.32	575.04	1.30	0.38	0.001943	0.01476324	Kras	Kirsten rat sarcoma viral oncogene [Source:RGD Symbol;Acc:2981]	2
ENSRNOG0000000007937	1334.58	1291.34	1377.82	1.07	0.09	0.357687	0.672987916	Krit1	KRIT1, ankyrin repeat containing [Source:RGD Symbol;Acc:1305929]	1
ENSRNOG0000000011628	40.51	40.11	40.91	1.02	0.03	0.994593		1 Krt27	keratin 27 [Source:RGD Symbol;Acc:1359115]	5
ENSRNOG0000000029993	6.34	7.38	5.31	0.72	-0.47	0.389033	0.705995696	Kynu	kyunreninase [Source:RGD Symbol;Acc:71061]	3
ENSRNOG0000000037274	14297.69	11941.86	16653.52	1.39	0.48	1.76E-10	6.72E-09	L1cam	L1 cell adhesion molecule [Source:RGD Symbol;Acc:619777]	1
ENSRNOG0000000018081	428.64	440.88	416.40	0.94	-0.08	0.516307	0.816443384	Lactb	lactamase, beta [Source:RGD Symbol;Acc:1304788]	2
ENSRNOG0000000005099	3521.96	4071.83	2972.09	0.73	-0.45	7.96E-09	2.34E-07	Lama4	laminin, alpha 4 [Source:RGD Symbol;Acc:1560062]	1
ENSRNOG0000000007232	0.82	0.99	0.65	0.66	-0.61	0.925848		1 Lao1	L-amino acid oxidase 1 [Source:RGD Symbol;Acc:1310787]	3
ENSRNOG000000003289	2712.47	2681.31	2743.64	1.02	0.03	0.705838	0.953304618	Lap3	leucine aminopeptidase 3 [Source:RGD Symbol;Acc:1307985]	2
ENSRNOG0000000010544	2298.06	2040.91	2555.22	1.25	0.32	9.75E-05	0.001176324	Lats2	large tumor suppressor kinase 2 [Source:RGD Symbol;Acc:1305906]	1
ENSRNOG0000000039902	3700.84	4033.69	3367.99	0.83	-0.26	0.000815	0.007216669	Lbh	limb bud and heart development [Source:RGD Symbol;Acc:1584525]	2
ENSRNOG000000003103	285.36	327.05	243.68	0.75	-0.42	0.004044	0.026657426	Lbr	lamin B receptor [Source:RGD Symbol;Acc:620813]	2
ENSRNOG0000000009580	91.32	79.70	102.93	1.29	0.37	0.071093	0.23798137	Lca5	Leber congenital amaurosis 5 [Source:RGD Symbol;Acc:1308555]	2
ENSRNOG0000000009705	68.99	76.45	61.54	0.80	-0.31	0.175284	0.439505256	Lck	LCK proto-oncogene, Src family tyrosine kinase [Source:RGD Symbol;Acc:2994]	2
ENSRNOG0000000034026	243.03	198.27	287.78	1.45	0.54	0.000488	0.004682307	Lclat1	lysocardiolipin acyltransferase 1 [Source:RGD Symbol;Acc:1565906]	5
ENSRNOG0000000003787	68.38	57.79	78.97	1.37	0.45	0.0592	0.209548932	Lcor1	ligand dependent nuclear receptor corepressor-like [Source:RGD Symbol;Acc:1561241]	2
ENSRNOG0000000003205	2204.44	2055.62	2353.26	1.14	0.20	0.026056	0.11500286	Ldb2	LIM domain binding 2 [Source:RGD Symbol;Acc:1307921]	5
ENSRNOG0000000010121	79.47	78.95	79.99	1.01	0.02	0.842935		1 Lef1	lymphoid enhancer binding factor 1 [Source:RGD Symbol;Acc:620241]	1
ENSRNOG0000000051244	1.89	2.02	1.76	0.87	-0.20	0.899922		1 Lemd1	LEM domain containing 1 [Source:MGI Symbol;Acc:MG1:1922403]	3
ENSRNOG0000000018642	8039.55	9015.80	7063.31	0.78	-0.35	4.04E-06	6.96E-05	Lang8	leukocyte receptor cluster (LRC) member 8 [Source:RGD Symbol;Acc:1306180]	2
ENSRNOG0000000010116	2128.14	2104.03	2152.26	1.02	0.03	0.713115	0.957893856	Leo1	Leo1, Paf1/RNA polymerase II complex component, homolog (S. cerevisiae) [Source:RGD Symbol;Acc:154	2
ENSRNOG0000000023664	260.13	324.46	195.80	0.60	-0.73	3.33E-06	5.91E-05	Lepr	leptin receptor [Source:RGD Symbol;Acc:3001]	1
ENSRNOG0000000026180	625.69	602.66	648.72	1.08	0.11	0.353561	0.671171614	Letm2	leucine zipper-EF-hand containing transmembrane protein 2 [Source:RGD Symbol;Acc:1311220]	1
ENSRNOG0000000009884	23175.70	23484.64	2286.77	0.97	-0.04	0.620815	0.982665758	Lgals1	lectin, galactoside-binding, soluble, 1 [Source:RGD Symbol;Acc:69355]	2
ENSRNOG0000000010645	4080.62	4012.73	4148.51	1.03	0.05	0.659137	0.922466912	Lgals3	lectin, galactoside-binding, soluble, 3 [Source:RGD Symbol;Acc:69356]	2
ENSRNOG0000000012681	618.55	642.03	595.07	0.93	-0.11	0.369426	0.685564657	Lgals9	lectin, galactoside-binding, soluble, 9 [Source:RGD Symbol;Acc:3005]	5
ENSRNOG0000000011696	1496.77	1133.47	1860.08	1.64	0.71	2.00E-16	1.28E-14	Lifr	leukemia inhibitory factor receptor alpha [Source:RGD Symbol;Acc:621431]	2
ENSRNOG0000000014193	160.41	181.49	139.34	0.77	-0.38	0.037094	0.149099347	Lig1	ligase I, DNA, ATP-dependent [Source:RGD Symbol;Acc:621424]	5
ENSRNOG0000000049336	608.55	672.56	544.54	0.81	-0.30	0.010061	0.05528066	Lime1	Lck interacting transmembrane adaptor 1 [Source:RGD Symbol;Acc:1562795]	5
ENSRNOG0000000025938	18.40	13.38	23.42	1.75	0.81	0.025392	0.112707836	Lin28b	lin-28 homolog B (C. elegans) [Source:RGD Symbol;Acc:1597432]	

ENSRNOG00000011349	702.59	646.17	759.01	1.17	0.23	0.032374	0.134793402	Lonrf1	LON peptidase N-terminal domain and ring finger 1 [Source:RGD Symbol;Acc:1562583]	2
ENSRNOG00000015260	419.95	426.48	413.42	0.97	-0.04	0.773638	0.994522254	Lpar3	lysophosphatidic acid receptor 3 [Source:RGD Symbol;Acc:620565]	5
ENSRNOG00000021401	163.09	170.60	155.58	0.91	-0.13	0.498021	0.802130529	Lpar5	lysophosphatidic acid receptor 5 [Source:RGD Symbol;Acc:1562580]	5
ENSRNOG00000012269	1223.72	1200.52	1246.92	1.04	0.05	0.498963	0.802093667	Lpcat3	lysophosphatidylcholine acyltransferase 3 [Source:RGD Symbol;Acc:1310223]	2
ENSRNOG0000001402	1480.39	1601.63	1359.15	0.85	-0.24	0.009803	0.054318978	Lrch4	leucine-rich repeats and calponin homology (CH) domain containing 4 [Source:RGD Symbol;Acc:1306145]	2
ENSRNOG00000025053	5371.41	5895.46	4847.37	0.82	-0.28	0.000211	0.002315431	Lrp1	low density lipoprotein receptor-related protein 1 [Source:RGD Symbol;Acc:1307535]	1
ENSRNOG00000013064	423.84	362.98	484.70	1.34	0.42	0.001019	0.00865519	Lrp8	low density lipoprotein receptor-related protein 8, apolipoprotein E receptor [Source:RGD Symbol;Acc:1	2
ENSRNOG00000030180	43.49	46.31	40.67	0.88	-0.19	0.463754	0.77942362	Lrrc10b	leucine rich repeat containing 10B [Source:RGD Symbol;Acc:1564983]	5
ENSRNOG00000025518	2880.42	2856.20	2904.63	1.02	0.02	0.730298	0.968784191	Lrrc16b	leucine rich repeat containing 16B [Source:RGD Symbol;Acc:1359120]	2
ENSRNOG0000001217	281.64	275.93	287.36	1.04	0.06	0.679861	0.937060064	Lrrc3	leucine rich repeat containing 3 [Source:RGD Symbol;Acc:628861]	5
ENSRNOG00000027971	52.41	50.68	54.14	1.07	0.10	0.623026	0.894376912	Lrrc31	leucine rich repeat containing 31 [Source:RGD Symbol;Acc:1561499]	3
ENSRNOG00000045926	1281.44	1368.17	1194.71	0.87	-0.20	0.032147	0.134110801	Lrrc45	leucine rich repeat containing 45 [Source:RGD Symbol;Acc:1590053]	2
ENSRNOG00000046428	255.45	127.77	383.14	3.00	1.58	6.64E-24	6.35E-22	Lrrc75b	leucine rich repeat containing 75B [Source:RGD Symbol;Acc:2318441]	2
ENSRNOG00000002129	634.59	518.40	750.79	1.45	0.53	1.13E-06	2.22E-05	Lrrc8b	leucine rich repeat containing 8 family, member B [Source:RGD Symbol;Acc:1563429]	2
ENSRNOG000000002121	2293.86	2187.40	2400.33	1.10	0.13	0.123481	0.34737364	Lrrc8d	leucine rich repeat containing 8 family, member D [Source:RGD Symbol;Acc:1309601]	2
ENSRNOG00000032989	1.88	2.27	1.48	0.65	-0.61	0.561678	0.846180075	Lrrn4	leucine rich repeat neuronal 4 [Source:RGD Symbol;Acc:1305256]	2
ENSRNOG00000032989	1.88	2.27	1.48	0.65	-0.61	0.561678	0.846180075	Lrrn4	leucine rich repeat neuronal 4 [Source:RGD Symbol;Acc:1305256]	2
ENSRNOG0000001429	644.68	728.78	560.57	0.77	-0.38	0.000906	0.00783853	Lrwd1	leucine-rich repeats and WD repeat domain containing 1 [Source:RGD Symbol;Acc:1359442]	3
ENSRNOG00000039110	0.23	0.24	0.22	0.93	-0.10	1	1	Lsmem1	leucine-rich single-pass membrane protein 1 [Source:MGI Symbol;Acc:MGI:2685735]	3
ENSRNOG00000000855	16.20	23.59	8.81	0.37	-1.42	0.00017	0.00192803	Lst1	leukocyte specific transcript 1 [Source:RGD Symbol;Acc:620077]	1
ENSRNOG00000000838	1.74	2.18	1.30	0.60	-0.74	0.561093	0.845844693	Lta	lymphotoxin alpha [Source:RGD Symbol;Acc:3020]	1
ENSRNOG00000000836	49.80	67.75	31.85	0.47	-1.09	2.42E-05	0.000346053	Ltb	lymphotoxin beta (TNF superfamily, member 3) [Source:RGD Symbol;Acc:1303162]	1
ENSRNOG00000015217	950.94	976.47	925.40	0.95	-0.08	0.436142	0.755111842	Ltv1	LTV1 ribosome biogenesis factor [Source:RGD Symbol;Acc:1311264]	2
ENSRNOG00000006001	2089.05	2103.47	2074.64	0.99	-0.02	0.785839	1	Luc7i2	LUC7-like 2 (S. cerevisiae) [Source:RGD Symbol;Acc:1308651]	2
ENSRNOG00000002835	2110.58	2129.44	2091.72	0.98	-0.03	0.735605	0.972614496	Luc7i3	LUC7-like 3 (S. cerevisiae) [Source:RGD Symbol;Acc:1307981]	2
ENSRNOG00000013572	7779.67	7443.43	8115.92	1.09	0.12	0.1093	0.322259147	Lxn	latexin [Source:RGD Symbol;Acc:68361]	7
ENSRNOG00000000137	58.33	60.11	56.55	0.94	-0.09	0.666733	0.927410259	Ly86	lymphocyte antigen 86 [Source:RGD Symbol;Acc:1309936]	2
ENSRNOG00000005374	414.55	437.84	391.26	0.89	-0.16	0.197827	0.475010904	Lyr	Ly1 antibody reactive [Source:RGD Symbol;Acc:1305352]	5
ENSRNOG000000008180	196.16	245.68	146.64	0.60	-0.74	7.22E-06	0.000115296	Lyn	LYN proto-oncogene, Src family tyrosine kinase [Source:RGD Symbol;Acc:621017]	1
ENSRNOG000000004614	53.84	60.55	47.12	0.78	-0.36	0.151131	0.400401397	Lypd6b	LY6/PLAUR domain containing 6B [Source:RGD Symbol;Acc:1562767]	1
ENSRNOG00000012662	1329.08	1081.59	1576.58	1.46	0.54	4.09E-09	1.27E-07	Lyst	lysosomal trafficking regulator [Source:MGI Symbol;Acc:MGI:107448]	2
ENSRNOG00000032941	308.75	329.12	288.38	0.88	-0.19	0.213375	0.497840296	Mab21i1	mab-21-like 1 (C. elegans) [Source:RGD Symbol;Acc:1589984]	5
ENSRNOG00000012886	152.18	157.54	146.83	0.93	-0.10	0.555764	0.840961435	Maff	v-maf avian musculoaponeurotic fibrosarcoma oncogene homolog F [Source:RGD Symbol;Acc:1309531]	2
ENSRNOG00000036697	895.12	930.28	859.96	0.92	-0.11	0.300875	0.608581263	Mafg	v-maf avian musculoaponeurotic fibrosarcoma oncogene homolog G [Source:RGD Symbol;Acc:619953]	2
ENSRNOG0000001277	760.83	763.47	758.18	0.99	-0.01	0.885093	1	Mafk	v-maf avian musculoaponeurotic fibrosarcoma oncogene homolog K [Source:RGD Symbol;Acc:628633]	3
ENSRNOG00000010158	11.92	9.80	14.04	1.43	0.52	0.25265	0.550212729	Magel2	MAGE-like 2 [Source:RGD Symbol;Acc:1583615]	2
ENSRNOG00000022060	2022.49	1914.99	2129.99	1.11	0.15	0.05874	0.208375821	Magi1	membrane associated guanylate kinase, WW and PDZ domain containing 1 [Source:RGD Symbol;Acc:158	2
ENSRNOG00000019885	3361.59	2821.61	3901.56	1.38	0.47	4.24E-09	1.32E-07	Magi3	membrane associated guanylate kinase, WW and PDZ domain containing 3 [Source:RGD Symbol;Acc:621	5
ENSRNOG000000008615	218.14	193.33	242.95	1.26	0.33	0.047624	0.17852301	Mal2	Mal, T-cell differentiation protein 2 [Source:RGD Symbol;Acc:735066]	2
ENSRNOG00000017087	1083.67	1036.92	1130.43	1.09	0.12	0.192921	0.467341704	Man1c1	mannosidase, alpha, class 1C, member 1 [Source:RGD Symbol;Acc:1309672]	2
ENSRNOG00000014201	1671.04	1614.09	1728.00	1.07	0.10	0.310105	0.619914736	Manf	mesencephalic astrocyte-derived neurotrophic factor [Source:RGD Symbol;Acc:1307252]	2
ENSRNOG000000002848	1562.55	1504.12	1620.98	1.08	0.11	0.235517	0.528292936	Maoa	monoamine oxidase A [Source:RGD Symbol;Acc:61898]	1
ENSRNOG00000029778	3877.57	4102.97	3652.18	0.89	-0.17	0.027637	0.120111728	Maob	monoamine oxidase B [Source:RGD Symbol;Acc:3041]	1
ENSRNOG00000010176	3597.69	3460.88	3734.50	1.08	0.11	0.156382	0.409245283	Map2k1	mitogen activated protein kinase 1 [Source:RGD Symbol;Acc:70495]	1
ENSRNOG00000020005	3784.74	4078.96	3490.51	0.86	-0.22	0.004224	0.027595881	Map2k2	mitogen activated protein kinase 2 [Source:RGD Symbol;Acc:61888]	1
ENSRNOG00000016378	59.16	67.55	50.76	0.75	-0.41	0.08622	0.27328668	Map3k8	mitogen-activated protein kinase kinase 8 [Source:RGD Symbol;Acc:620969]	1
ENSRNOG00000027204	4410.65	4481.74	4339.56	0.97	-0.05	0.557634	0.8425025	Map6	microtubule-associated protein 6 [Source:RGD Symbol;Acc:61804]	1
ENSRNOG00000012701	1617.18	1343.03	1891.34	1.41	0.49	1.87E-08	5.14E-07	Map7	microtubule-associated protein 7 [Source:RGD Symbol;Acc:1308666]	2
ENSRNOG00000018149	4716.14	4190.14	5242.14	1.25	0.32	2.29E-05	0.000328699	Mapk1	mitogen activated protein kinase 1 [Source:RGD Symbol;Acc:70500]	1
ENSRNOG0000002079	4967.89	4419.65	5516.14	1.25	0.32	2.31E-05	0.00032164	Mapk10	mitogen activated protein kinase 10 [Source:RGD Symbol;Acc:3663]	1
ENSRNOG00000006984	3846.45	3886.88	3806.02	0.98	-0.03	0.659281	0.922538107	Mapk11	mitogen-activated protein kinase 11 [Source:RGD Symbol;Acc:1309340]	6
ENSRNOG00000000515	32.78	38.86	26.71	0.69	-0.54	0.069497	0.234127661	Mapk13	mitogen activated protein kinase 13 [Source:RGD Symbol;Acc:3045]	4
ENSRNOG00000000513	2457.92	2511.22	2404.62	0.96	-0.06	0.448345	0.765075566	Mapk14	mitogen activated protein kinase 14 [Source:RGD Symbol;Acc:70496]	1
ENSRNOG00000016935	744.53	761.55	727.51	0.96	-0.07	0.515188	0.815288348	Mapk1p1	mitogen-activated protein kinase 1 interacting protein 1 [Source:RGD Symbol;Acc:1565431]	2
ENSRNOG00000019601	18680.81	18778.48	18583.15	0.99	-0.02	0.847073	1	Mapk3	mitogen activated protein kinase 3 [Source:RGD Symbol;Acc:3046]	1
ENSRNOG00000015401	305.66	276.49	334.84	1.21	0.28	0.055915	0.20117068	Mapk4	mitogen-activated protein kinase 4 [Source:RGD Symbol;Acc:3047]	5
ENSRNOG00000020412	0.13	0.27	0.00	0.00	#NAME?	0.964516	1	Mapk7	mitogen-activated protein kinase 7 [Source:RGD Symbol;Acc:621505]	2
ENSRNOG00000020155	685.90	579.50	792.31	1.37	0.45	6.18E-05	0.000794618	Mapk8	mitogen-activated protein kinase 8 [Source:RGD Symbol;Acc:621506]	1
ENSRNOG000000002823	3348.94	2973.61	3724.26	1.25	0.32	3.78E-05	0.00051579	Mapk9	mitogen-activated protein kinase 9 [Source:RGD Symbol;Acc:628847]	1
ENSRNOG0000001345	1427.35	1453.32	1401.37	0.96	-0.05	0.554819	0.840485067	Mapkap5	mitogen-activated protein kinase-activated protein kinase 5 [Source:RGD Symbol;Acc:1564113]	2
ENSRNOG00000018340	56.84	53.16	60.51	1.14	0.19	0.451532	0.767659038	Marveld2	MARVEL domain containing 2 [Source:RGD Symbol;Acc:1306909]	2
ENSRNOG00000016291	7.24	7.38	7.10	0.96	-0.06	1	1	Marveld3	MARVEL domain containing 3 [Source:RGD Symbol;Acc:1562056]	2
ENSRNOG0000001827	451.07	420.68	481.45	1.14	0.19	0.120526	0.343593676	Masp1	mannan-binding lectin serine peptidase 1 [Source:RGD Symbol;Acc:620213]	3
ENSRNOG00000024040	391.29	380.85	401.74	1.05	0.08	0.563564	0.847855006	Mb21d2	Mab-21 domain containing 2 [Source:RGD Symbol;Acc:1559643]	2
ENSRNOG00000010737	2225.78	1699.03	2752.52	1.62	0.70	3.43E-17	2.32E-15	Mbnl2	muscleblind-like splicing regulator 2 [Source:RGD Symbol;Acc:1591755]	2
ENSRNOG00000038193	6.09	4.35	7.82	1.80	0.85	0.164908	0.422097785	Mcc1r	melanocortin 1 receptor [Source:RGD Symbol;Acc:1312046]	3
ENSRNOG000000004451	0.25	0.51	0.00	0.00	#NAME?	0.474445	0.780237584	Mcc3r	melanocortin 3 receptor [Source:RGD Symbol;Acc:3056]	1
ENSRNOG00000018692	6.36	6.10	6.62	1.08	0.12	0.894712	1	Mcc4r	melanocortin 4 receptor [Source:RGD Symbol;Acc:3057]	1
ENSRNOG00000017752	960.90	1003.56	918.24	0.91	-0.13	0.190303	0.463026452	Mccc2	methylcrotonoyl-CoA carboxylase 2 (beta) [Source:RGD Symbol;Acc:1310279]	1
ENSRNOG00000028426	2949.87	2825.12	3074.62	1.09	0.12	0.112535	0.328187647	Mcf2l	MCF-2 cell line derived transforming sequence-like [Source:RGD Symbol;Acc:619782]	6
ENSRNOG00000015059	271.03	286.64	255.42	0.89	-0.17	0.309062	0.61875903	Mcfd2	multiple coagulation factor deficiency 2 [Source:RGD Symbol;Acc:628690]	2
ENSRNOG00000016316	360.57	420.85	300.30	0.71	-0.49	0.000616	0.005694246	Mcm2	minichromosome maintenance complex component 2 [Source:RGD Symbol;Acc:1305577]	2
ENSRNOG00000014336	145.34	182.46	108.22	0.59	-0.75	4.67E-05	0.000623635	Mcm5	minichromosome maintenance complex component 5 [Source:RGD Symbol;Acc:1306616]	2
ENSRNOG00000001349	673.68	801.26	546.11	0.68	-0.55	8.11E-07	1.65E-05	Mcm7	minichromosome maintenance complex component 7 [Source:RGD Symbol;Acc:1303018]	2
ENSRNOG00000032813	351.91	360.82	342.99	0.95	-0.07	0.670357	0.93028432	Mdc1	mediator of DNA damage checkpoint 1 [Source:RGD Symbol;Acc:1559468]	1
ENSRNOG00000037262	90.53	81.92	99.13	1.21	0.28	0.15707	0.41007577	Mecp2	methyl CpG binding protein 2 [Source:RGD Symbol;Acc:3075]	1
ENSRNOG00000017150	972.42	966.54	978.30	1.01	0.02	0.879862	1	Med10	mediator complex subunit 10 [Source:RGD Symbol;Acc:1310128]	2
ENSRNOG00000019384	433.22	434.64	431.80	0.99	-0.01	0.907891	1	Med11	mediator complex subunit 11 [Source:RGD Symbol;Acc:1563202]	2
ENSRNOG00000047756	825.51	732.35	918.68	1.25	0.33	0.001477	0.011660719	Mef2a	myocyte enhancer factor 2a [Source:RGD Symbol;Acc:1359360]	2
ENSRNOG0000007003	19.44	20.27	18.62	0.92	-0.12	0.846828	1	Mei1	meiosis inhibitor 1 [Source:RGD Symbol;Acc:1307210]	3
ENSRNOG00000021390	930.79	959.41	902.18	0.94	-0.09	0.389399	0.706354899	Meis3	Meis homeobox 3 [Source:RGD Symbol;Acc:1308532]	2
ENSRNOG00000012349	752.21	747.20	757.22	1.01	0.02	0.844408	1	Meisd1	mesoderm development candidate 1 [Source:RGD Symbol;Acc:1311666]	5
ENSRNOG00000025142	195.95	183.94	207.96	1.13	0.18	0.295665	0.601865666	Mex3b	mex-3 RNA binding family member B [Source:RGD Symbol;Acc:1306790]	2
ENSRNOG00000030830	584.67	583.11	586.23	1.01	0.01	0.918715	1	Mex3d	mex-3 RNA binding family member D [Source:RGD Symbol;Acc:1310576]	2
ENSRNOG00000001739	13.55	10.98	16.12							

ENSRNOG00000003508	7764.45	7659.30	7869.61	1.03	0.04	0.560113	0.844916287	Mink1	missshapen-like kinase 1 [Source:RGD Symbol;Acc:1359135]	2
ENSRNOG000000035654	0.13	0.00	0.27	Inf	Inf	1	1	Mir99b	microRNA 99b [Source:RGD Symbol;Acc:2325431]	2
ENSRNOG000000028137	194.05	255.38	132.73	0.52	-0.94	3.65E-08	9.40E-07	Mki67	marker of proliferation Ki-67 [Source:RGD Symbol;Acc:1305476]	2
ENSRNOG000000009280	2174.72	2231.60	2117.83	0.95	-0.08	0.375485	0.691862164	Mkrrn1	makorin ring finger protein 1 [Source:RGD Symbol;Acc:1303251]	2
ENSRNOG000000022249	1078.98	1107.34	1050.61	0.95	-0.08	0.443362	0.762775904	Mllt10	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 10 [Source:RGD Symbol;Acc:1303251]	2
ENSRNOG000000009514	671.27	689.50	653.04	0.95	-0.08	0.505886	0.808208413	Mme	membrane metallo-endopeptidase [Source:RGD Symbol;Acc:3098]	2
ENSRNOG000000023643	238.98	240.70	237.26	0.99	-0.02	0.916114	1	Mmp17	matrix metalloproteinase 17 [Source:RGD Symbol;Acc:1311541]	1
ENSRNOG000000047028	2888.98	2816.66	2961.30	1.05	0.07	0.373465	0.689833011	Mmp24	matrix metalloproteinase 24 [Source:RGD Symbol;Acc:620202]	1
ENSRNOG000000029621	1541.47	1406.44	1676.50	1.19	0.25	0.00356	0.023989016	Mmp25	matrix metalloproteinase 25 [Source:MGI Symbol;Acc:MGI:2443938]	5
ENSRNOG000000017539	116.87	230.12	3.61	0.02	-5.99	6.94E-87	3.44E-84	Mmp9	matrix metalloproteinase 9 [Source:RGD Symbol;Acc:621320]	1
ENSRNOG00000006009	109.22	92.72	125.72	1.36	0.44	0.030718	0.129343353	Mns1	meiosis-specific nuclear structural 1 [Source:RGD Symbol;Acc:1549718]	2
ENSRNOG000000002894	1305.31	1288.72	1321.91	1.03	0.04	0.655503	0.919612803	Mnt	MAX network transcriptional repressor [Source:RGD Symbol;Acc:1308683]	2
ENSRNOG000000018971	1878.68	1930.68	1826.68	0.95	-0.08	0.374092	0.690278429	Mob3a	MOB kinase activator 3A [Source:RGD Symbol;Acc:1308187]	2
ENSRNOG000000018700	1065.13	22.27	2108.00	94.68	6.56	0	0	Mobp	myelin-associated oligodendrocyte basic protein [Source:RGD Symbol;Acc:3101]	2
ENSRNOG000000032101	14.16	13.12	15.20	1.16	0.21	0.611359	0.885428584	Morc1	MORC family CW-type zinc finger 1 [Source:RGD Symbol;Acc:1565610]	3
ENSRNOG00000002332	133.72	117.87	149.57	1.27	0.34	0.068677	0.232043482	Mospd1	motile sperm domain containing 1 [Source:RGD Symbol;Acc:1359486]	2
ENSRNOG000000015321	25.88	26.46	25.30	0.96	-0.06	0.939861	1	Moxd1	monooxygenase, DBH-like 1 [Source:RGD Symbol;Acc:1310033]	1
ENSRNOG000000007894	3169.98	3118.91	3221.04	1.03	0.05	0.527179	0.826844104	Mpdz	multiple PDZ domain protein [Source:RGD Symbol;Acc:3105]	5
ENSRNOG000000008310	162.78	325.07	0.49	0.00	-9.37	1.66E-132	1.59E-129	Mpo	myeloperoxidase [Source:RGD Symbol;Acc:1592081]	1
ENSRNOG000000018648	1083.69	1132.10	1035.27	0.91	-0.13	0.199257	0.476973875	Mppe1	metallophosphoesterase 1 [Source:RGD Symbol;Acc:1309184]	3
ENSRNOG000000010834	204.67	222.75	186.60	0.84	-0.26	0.100891	0.304642924	Mpped1	metallophosphoesterase domain containing 1 [Source:RGD Symbol;Acc:1308244]	3
ENSRNOG000000004863	379.32	340.76	417.89	1.23	0.29	0.029429	0.12556482	Mpped2	metallophosphoesterase domain containing 2 [Source:RGD Symbol;Acc:735060]	1
ENSRNOG000000003171	594390.94	679752.27	#####	0.75	-0.42	0.033298	0.137469113	Mpz	myelin protein zero [Source:RGD Symbol;Acc:3109]	5
ENSRNOG000000045955	1.18	0.85	1.51	1.78	0.83	0.612047	0.885939579	Mrgbp	MRG/MORF4L binding protein [Source:RGD Symbol;Acc:1308612]	2
ENSRNOG00000003021	740.35	662.08	818.63	1.24	0.31	0.006125	0.037320717	Mrgprb4	MAS-related GPR, member B4 [Source:RGD Symbol;Acc:738043]	5
ENSRNOG000000022703	24.27	18.36	30.17	1.64	0.72	0.033396	0.137763318	Mrgprb5	MAS-related G protein-coupled receptor, member B5 [Source:RGD Symbol;Acc:738052]	5
ENSRNOG000000013448	354.08	345.57	362.59	1.05	0.07	0.647757	0.913963507	Mrgprd	MAS-related GPR, member D [Source:RGD Symbol;Acc:738040]	7
ENSRNOG000000037156	0.13	0.00	0.26	Inf	Inf	1	1	Mrgprx1	MAS-related GPR, member X1 [Source:RGD Symbol;Acc:1591915]	5
ENSRNOG000000027901	460.05	468.81	451.28	0.96	-0.05	0.642075	0.909162966	Mrm1	mitochondrial rRNA methyltransferase 1 homolog (S. cerevisiae) [Source:RGD Symbol;Acc:1566232]	2
ENSRNOG000000042327	1.39	1.59	1.19	0.75	-0.42	0.911785	1	Mroh2b	maestro heat-like repeat family member 2B [Source:RGD Symbol;Acc:1305413]	2
ENSRNOG000000003724	1834.96	1885.51	1784.40	0.95	-0.08	0.328507	0.640677602	Mrp127	mitochondrial ribosomal protein L27 [Source:RGD Symbol;Acc:1309090]	2
ENSRNOG000000002943	1314.17	1313.25	1315.09	1.00	0.00	0.974236	1	Mrp155	mitochondrial ribosomal protein L55 [Source:RGD Symbol;Acc:1308161]	2
ENSRNOG000000002010	1148.06	1135.13	1161.00	1.02	0.03	0.773022	0.994216327	Mrp56	mitochondrial ribosomal protein S6 [Source:RGD Symbol;Acc:2322928]	2
ENSRNOG000000036625	10.47	19.68	1.26	0.06	-3.97	4.99E-12	2.19E-10	Msa43	membrane-spanning 4-domains, subfamily A, member 3 [Source:RGD Symbol;Acc:1310598]	5
ENSRNOG000000009950	380.80	409.89	351.71	0.86	-0.22	0.090773	0.283792501	MSANTD2	Protein Msantd2 [Source:UniProtKB/TrEMBL;Acc:F1LR51]	2
ENSRNOG000000007540	155.75	154.06	157.45	1.02	0.03	0.867368	1	Msc	musculin [Source:RGD Symbol;Acc:1305496]	5
ENSRNOG0000000030118	10552.30	9470.77	11633.84	1.23	0.30	9.40E-05	0.001143325	Msn	moesin [Source:RGD Symbol;Acc:621260]	1
ENSRNOG000000032618	461.64	416.33	506.96	1.22	0.28	0.020467	0.095696357	Mst1r	macrophage stimulating 1 receptor (c-met-related tyrosine kinase) [Source:RGD Symbol;Acc:1306465]	5
ENSRNOG000000025527	1779.12	1671.90	1886.33	1.13	0.17	0.038571	0.153248882	Mtdc1	microtubule crosslinking factor 1 [Source:RGD Symbol;Acc:1308319]	2
ENSRNOG000000006870	364.42	355.61	373.23	1.05	0.07	0.580983	0.863308109	Mtdhd	metadherin [Source:RGD Symbol;Acc:620992]	1
ENSRNOG000000016937	3671.65	3613.29	3730.01	1.03	0.05	0.564342	0.848480852	Mtfr1l	mitochondrial fission regulator 1-like [Source:RGD Symbol;Acc:1305453]	2
ENSRNOG000000008553	401.82	438.83	364.81	0.83	-0.27	0.059531	0.210364292	Mtfrf	methylene tetrahydrofolate reductase (NAD(P)H) [Source:RGD Symbol;Acc:1309952]	1
ENSRNOG00000002516	1006.50	997.61	1015.39	1.02	0.03	0.757113	0.995616711	Mtm1	myotubularin 1 [Source:RGD Symbol;Acc:1304582]	2
ENSRNOG00000002697	897.74	988.55	806.92	0.82	-0.29	0.004606	0.029602868	Mtmr1	myotubularin related protein 1 [Source:RGD Symbol;Acc:1306569]	2
ENSRNOG000000007881	1344.12	1368.73	1319.51	0.96	-0.05	0.593196	0.869996092	Mtmr14	myotubularin related protein 14 [Source:RGD Symbol;Acc:1304842]	2
ENSRNOG000000017826	994.19	927.81	1060.57	1.14	0.19	0.055444	0.19922272	Mttr	5-methyltetrahydrofolate-homocysteine methyltransferase reductase [Source:RGD Symbol;Acc:1308671]	2
ENSRNOG000000009001	1366.25	1287.58	1444.93	1.12	0.17	0.067312	0.229119361	Mtss1	metastasis suppressor 1 [Source:RGD Symbol;Acc:1309883]	2
ENSRNOG000000004703	2.58	1.25	3.90	1.32	1.64	0.07583	0.249350691	Muc15	mucin 15, cell surface associated [Source:RGD Symbol;Acc:1589864]	3
ENSRNOG000000013376	1925.09	2018.03	1832.16	0.91	-0.14	0.113151	0.329454403	Mvd	mevalonate (diphospho) decarboxylase [Source:RGD Symbol;Acc:621292]	2
ENSRNOG000000020182	2428.42	2663.48	2193.35	0.82	-0.28	0.000676	0.006157229	Mvp	major vault protein [Source:RGD Symbol;Acc:70932]	2
ENSRNOG000000017720	341.53	348.95	334.10	0.96	-0.06	0.731213	0.969692704	Mxd1	max dimerization protein 1 [Source:RGD Symbol;Acc:1564525]	2
ENSRNOG000000016588	2806.51	2586.18	3026.83	1.17	0.23	0.004418	0.028595336	Myadm	myeloid-associated differentiation marker [Source:RGD Symbol;Acc:727835]	2
ENSRNOG000000004500	296.77	304.56	288.98	0.95	-0.08	0.576472	0.859454388	Myc	myelocytomatosis oncogene [Source:RGD Symbol;Acc:3130]	2
ENSRNOG000000042912	633.41	654.19	612.64	0.94	-0.09	0.421655	0.741579265	Mycbbp	Mycbb associated protein [Source:RGD Symbol;Acc:1359123]	5
ENSRNOG000000006308	139.13	127.99	150.28	1.17	0.23	0.220593	0.507919401	Mycn	v-myc avian myelocytomatosis viral oncogene neuroblastoma derived homolog [Source:RGD Symbol;Acc:1584995]	5
ENSRNOG000000013634	341.48	382.90	300.06	0.78	-0.35	0.010694	0.057730715	Myd88	myeloid differentiation primary response 88 [Source:RGD Symbol;Acc:735043]	6
ENSRNOG000000004768	0.41	0.56	0.27	0.48	-1.06	0.947909	1	Myf5	myogenic factor 5 [Source:RGD Symbol;Acc:1308322]	3
ENSRNOG000000004860	7.76	8.66	6.87	0.79	-0.33	0.48185	0.78687554	Myh9	myosin, heavy chain 9, non-muscle [Source:RGD Symbol;Acc:3140]	2
ENSRNOG000000014409	6.43	9.45	3.41	0.36	-1.47	0.007596	0.044186935	MyI7	myosin, light chain 7, regulatory [Source:RGD Symbol;Acc:1308262]	3
ENSRNOG000000017546	6.32	7.13	5.50	0.77	-0.37	0.520884	0.821268719	MyI3	myosin light chain kinase 3 [Source:RGD Symbol;Acc:1305801]	3
ENSRNOG000000004177	1745.62	1796.79	1694.45	0.94	-0.08	0.327713	0.640062023	Myo1a	myosin IA [Source:RGD Symbol;Acc:3135]	5
ENSRNOG000000017346	893.73	807.53	979.92	1.21	0.28	0.006263	0.037999612	Myt1	myelin transcription factor 1 [Source:RGD Symbol;Acc:1304899]	5
ENSRNOG000000004269	688.53	560.40	816.67	1.46	0.54	0.45E-07	1.34E-05	Myt1l	myelin transcription factor 1-like [Source:RGD Symbol;Acc:620550]	5
ENSRNOG00000001834	452.68	459.91	445.46	0.97	-0.05	0.700998	0.949203711	Mzt2b	mitotic spindle organizing protein 2B [Source:RGD Symbol;Acc:1308126]	2
ENSRNOG000000001110	118.43	122.26	114.60	0.94	-0.09	0.582704	0.864677895	N4bp2l1	NEDD4 binding protein 2-like 1 [Source:RGD Symbol;Acc:1595713]	2
ENSRNOG000000045863	278.66	267.63	289.68	1.08	0.11	0.473866	0.780237584	Naa16	N1(alpha)-acetyltransferase 16, NatA auxiliary subunit [Source:RGD Symbol;Acc:1584324]	2
ENSRNOG000000013911	1562.96	1580.68	1545.23	0.98	-0.03	0.704358	0.952219133	Nagk	N-acetylglucosamine kinase [Source:RGD Symbol;Acc:1305057]	2
ENSRNOG000000042256	11.67	11.46	11.88	1.04	0.05	0.906836	1	Naip5	NLR family inhibitory protein 5 [Source:RGD Symbol;Acc:1559914]	3
ENSRNOG000000049498	40.53	42.59	38.46	0.90	-0.15	0.629953	0.899882604	Nat2	N-acetyltransferase 2 (arylamine N-acetyltransferase) [Source:RGD Symbol;Acc:70492]	2
ENSRNOG000000014530	913.56	857.59	969.53	1.13	0.18	0.061476	0.21560628	Nav2	neuron navigator 2 [Source:RGD Symbol;Acc:619778]	1
ENSRNOG000000027880	387.01	411.19	362.83	0.88	-0.18	0.180075	0.447324528	Nbeal2	neurobeachin-like 2 [Source:RGD Symbol;Acc:1306501]	2
ENSRNOG000000049402	9181.68	10016.49	8346.88	0.83	-0.26	0.000411	0.004067487	Nbl1	neuroblastoma 1, DAN family BMP antagonist [Source:RGD Symbol;Acc:3151]	7
ENSRNOG000000031890	3153.77	2722.78	3584.76	1.32	0.40	5.20E-07	1.11E-05	Ncam1	neural cell adhesion molecule 1 [Source:RGD Symbol;Acc:67378]	1
ENSRNOG000000018771	482.23	552.17	412.29	0.75	-0.42	0.000971	0.008295758	Ncapd2	non-SMC condensin I complex, subunit D2 [Source:RGD Symbol;Acc:1562596]	2
ENSRNOG000000008932	421.07	427.04	415.10	0.97	-0.04	0.744473	0.978206105	Ncapd3	non-SMC condensin II complex, subunit D3 [Source:RGD Symbol;Acc:1562176]	2
ENSRNOG000000038572	67.25	64.35	70.15	1.09	0.12	0.710985	0.956197086	Ncapg	non-SMC condensin I complex, subunit G [Source:RGD Symbol;Acc:1562646]	2
ENSRNOG00000004968	109.78	112.87	106.69	0.95	-0.08	0.647292	0.913613982	Ncapg2	non-SMC condensin II complex, subunit G2 [Source:RGD Symbol;Acc:1308406]	2
ENSRNOG000000										

ENSRNOG00000011668	115.18	111.69	118.68	1.06	0.09	0.74051	0.975681279	Nf13	nuclear factor, interleukin 3 regulated [Source:RGD Symbol;Acc:620972]	2
ENSRNOG00000023258	1820.73	1876.61	1764.85	0.94	-0.09	0.328334	0.640548423	Nfkb1	nuclear factor of kappa light polypeptide gene enhancer in B-cells 1 [Source:RGD Symbol;Acc:70498]	1
ENSRNOG00000007390	777.81	831.12	724.49	0.87	-0.20	0.079378	0.257276083	Nfkbia	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha [Source:RGD Symbol;Acc:3171]	1
ENSRNOG00000000839	802.76	874.89	730.63	0.84	-0.26	0.015321	0.076562385	Nfkbil1	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor-like 1 [Source:RGD Symbol;Acc:1303310]	1
ENSRNOG00000003163	102.47	109.49	95.45	0.87	-0.20	0.331632	0.644680577	Nfkbiz	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, zeta [Source:RGD Symbol;Acc:1310834]	1
ENSRNOG000000011719	244.42	247.02	241.81	0.98	-0.03	0.868912		Ngb	neuroglobin [Source:RGD Symbol;Acc:621461]	3
ENSRNOG00000016571	16.38	20.87	11.88	0.57	-0.81	0.023661	0.107104585	Ngf	nerve growth factor (beta polypeptide) [Source:RGD Symbol;Acc:1598328]	1
ENSRNOG00000005392	27656.59	24684.75	30628.43	1.24	0.31	9.74E-05	0.001176324	Ngfr	nerve growth factor receptor [Source:RGD Symbol;Acc:3177]	1
ENSRNOG000000028822	3383.92	3382.51	3385.34	1.00	0.00	0.99998		1Ngfrap1	nerve growth factor receptor (TNFRSF16) associated protein 1 [Source:RGD Symbol;Acc:3148]	5
ENSRNOG00000005196	4.91	5.15	4.67	0.91	-0.14	0.95252		1Nhlh1	nescient helix loop helix 1 [Source:RGD Symbol;Acc:1310261]	3
ENSRNOG00000005190	742.77	718.04	767.50	1.07	0.10	0.40623	0.725738332	Nipal2	NIPA-like domain containing 2 [Source:RGD Symbol;Acc:1564315]	2
ENSRNOG000000010332	1222.63	1163.82	1281.44	1.10	0.14	0.161247	0.416019914	Nipsnap3b	nipsnap homolog 3B (C. elegans) [Source:RGD Symbol;Acc:1359688]	2
ENSRNOG000000011445	138.55	129.49	147.61	1.14	0.19	0.311854	0.622091472	Nkain1	Na+/K+ transporting ATPase interacting 1 [Source:RGD Symbol;Acc:1561205]	5
ENSRNOG000000018095	1062.84	1082.63	1043.05	0.96	-0.05	0.6189	0.890285773	Nkiras2	NFKB inhibitor interacting Ras-like 2 [Source:RGD Symbol;Acc:1307363]	2
ENSRNOG000000049128	1156.68	1097.11	1216.25	1.11	0.15	0.102269	0.307259664	Nktr	natural killer cell triggering receptor [Source:RGD Symbol;Acc:2321593]	2
ENSRNOG000000008644	0.13	0.00	0.26	Inf	Inf	1		1Nkx2-1	NK2 homeobox 1 [Source:RGD Symbol;Acc:3866]	3
ENSRNOG000000015430	1901.04	1933.19	1868.89	0.97	-0.05	0.666412	0.927303064	Nlgn2	neuroligin 2 [Source:RGD Symbol;Acc:621118]	1
ENSRNOG00000003170	64.11	79.77	48.45	0.61	-0.72	0.002324	0.017043601	Nlrp3	NLR family, pyrin domain containing 3 [Source:RGD Symbol;Acc:1308314]	1
ENSRNOG000000027502	301.50	291.86	311.14	1.07	0.09	0.591588	0.868945956	Nmi	N-myc (and STAT) interactor [Source:RGD Symbol;Acc:1311721]	2
ENSRNOG00000002164	46.30	43.42	49.18	1.13	0.18	0.464127	0.779864142	Nmu	neuromedin U [Source:RGD Symbol;Acc:68388]	4
ENSRNOG000000018521	77.01	75.61	78.41	1.04	0.05	0.807453		1Nmur1	neuromedin U receptor 1 [Source:RGD Symbol;Acc:619867]	5
ENSRNOG000000024923	1498.16	1405.94	1590.38	1.13	0.18	0.042209	0.163923858	Nnat	neuronatin [Source:RGD Symbol;Acc:620155]	5
ENSRNOG000000023683	135.45	145.66	125.23	0.86	-0.22	0.235444	0.528229828	Nog	noggin [Source:RGD Symbol;Acc:3183]	5
ENSRNOG000000015588	2532.84	2540.79	2524.89	0.99	-0.01	0.886527		1Nol3	nucleolar protein 3 (apoptosis repressor with CARD domain) [Source:RGD Symbol;Acc:708558]	2
ENSRNOG000000014775	14.17	12.79	15.56	1.22	0.28	0.47572	0.781293258	Nol4	nucleolar protein 4 [Source:RGD Symbol;Acc:1310663]	2
ENSRNOG000000001130	97.94	113.39	82.49	0.73	-0.46	0.039393	0.155515585	Nos1	nitric oxide synthase 1, neuronal [Source:RGD Symbol;Acc:3184]	1
ENSRNOG000000048887	0.84	1.02	0.67	0.66	-0.60	0.926137		1NOS2	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:M0R817]	1
ENSRNOG00000009348	208.32	297.74	118.90	0.40	-1.32	8.81E-15	5.10E-13	Nos3	nitric oxide synthase 3, endothelial cell [Source:RGD Symbol;Acc:3186]	1
ENSRNOG000000000442	562.39	699.42	425.36	0.61	-0.72	2.04E-09	6.72E-08	Notch4	notch 4 [Source:RGD Symbol;Acc:1303282]	1
ENSRNOG000000031440	87.17	72.53	101.81	1.40	0.49	0.02124	0.098415922	Nov1	neuro-oncological ventral antigen 1 [Source:RGD Symbol;Acc:621345]	1
ENSRNOG000000048706	5.05	4.04	6.06	1.50	0.59	0.413217	0.732555763	Nox1	NADPH oxidase 1 [Source:RGD Symbol;Acc:620598]	1
ENSRNOG000000013925	2.85	5.69	0.00	0.00	#NAME?	4.29E-06	7.33E-05	Nox4	NADPH oxidase 4 [Source:RGD Symbol;Acc:620600]	1
ENSRNOG000000013408	46.59	52.48	40.70	0.78	-0.37	0.14317	0.385565542	Npas2	neuronal PAS domain protein 2 [Source:RGD Symbol;Acc:1309681]	2
ENSRNOG000000020009	4.11	5.10	3.11	0.61	-0.71	0.302204	0.610131723	Npas4	neuronal PAS domain protein 4 [Source:RGD Symbol;Acc:628866]	3
ENSRNOG000000036685	59.63	61.32	57.95	0.95	-0.08	0.758332	0.98606141	Npb	neuropeptide B [Source:RGD Symbol;Acc:708513]	1
ENSRNOG000000023095	6431.43	6103.55	6759.31	1.11	0.15	0.059951	0.211352904	Npepps	aminopeptidase puromycin sensitive [Source:RGD Symbol;Acc:6119962]	1
ENSRNOG000000003067	9.00	7.30	10.70	1.47	0.55	0.240419	0.533008095	Npffr2	neuropeptide FF receptor 2 [Source:RGD Symbol;Acc:620168]	3
ENSRNOG000000008141	10.63	8.90	12.37	1.39	0.47	0.348334	0.664570268	Nppb	natriuretic peptide B [Source:RGD Symbol;Acc:3194]	5
ENSRNOG000000018854	9.99	11.24	8.75	0.78	-0.36	0.512524	0.813092492	Nppc	natriuretic peptide C [Source:RGD Symbol;Acc:620850]	1
ENSRNOG000000003741	1839.11	1552.11	2126.11	1.37	0.45	6.31E-08	1.56E-06	Nptx1	neuronal pentraxin I [Source:RGD Symbol;Acc:628894]	1
ENSRNOG00000001006	3842.51	3514.83	4170.18	1.19	0.25	0.002814	0.019892726	Nptx2	neuronal pentraxin II [Source:RGD Symbol;Acc:1309447]	5
ENSRNOG000000016156	3926.92	3676.93	4176.92	1.14	0.18	0.02108	0.097926286	Nptr	neuronal pentraxin receptor [Source:RGD Symbol;Acc:628898]	5
ENSRNOG000000012390	55.62	68.53	42.72	0.62	-0.68	0.007821	0.045277763	Npw	neuropeptide W [Source:RGD Symbol;Acc:727858]	3
ENSRNOG000000014149	1139.29	953.22	1325.37	1.39	0.48	9.19E-07	1.84E-05	Npy1r	neuropeptide Y receptor Y1 [Source:RGD Symbol;Acc:3198]	4
ENSRNOG000000049213	123.26	99.56	146.96	1.48	0.56	0.003735	0.024960317	Npy2r	neuropeptide Y receptor Y2 [Source:RGD Symbol;Acc:620475]	7
ENSRNOG000000014172	128.83	102.71	154.96	1.51	0.59	0.002443	0.017766869	Npy5r	neuropeptide Y receptor Y5 [Source:RGD Symbol;Acc:3199]	1
ENSRNOG000000012772	1334.54	1371.13	1297.96	0.95	-0.08	0.391918	0.709393648	Nqo1	NAD(P)H dehydrogenase, quinone 1 [Source:RGD Symbol;Acc:2503]	1
ENSRNOG000000016892	1859.51	2004.14	1714.88	0.86	-0.22	0.010602	0.057383707	Nr2f6	nuclear receptor subfamily 2, group F, member 6 [Source:RGD Symbol;Acc:621685]	1
ENSRNOG000000014096	1676.28	1639.27	1713.29	1.05	0.06	0.49576	0.800327772	Nr3c1	nuclear receptor subfamily 3, group C, member 1 [Source:RGD Symbol;Acc:2741]	1
ENSRNOG000000007607	1680.70	1751.63	1609.77	0.92	-0.12	0.204752	0.485046012	Nr4a1	nuclear receptor subfamily 4, group A, member 1 [Source:RGD Symbol;Acc:620029]	1
ENSRNOG000000013232	45.81	38.73	52.88	1.37	0.45	0.084303	0.268598408	Nr6a1	nuclear receptor subfamily 6, group A, member 1 [Source:RGD Symbol;Acc:1564740]	2
ENSRNOG000000010392	1681.19	1494.73	1867.65	1.25	0.32	0.00016	0.001817815	Nrg1	neuregulin 1 [Source:RGD Symbol;Acc:621341]	1
ENSRNOG000000019093	338.96	327.42	350.50	1.07	0.10	0.481174	0.786199425	Nrg2	neuregulin 2 [Source:RGD Symbol;Acc:1303302]	2
ENSRNOG000000008018	250.09	267.08	233.09	0.87	-0.20	0.208991	0.490937955	Nrm	nurim (nuclear envelope membrane protein) [Source:RGD Symbol;Acc:1302966]	1
ENSRNOG000000050767	9082.54	8337.88	9827.21	1.18	0.24	0.002045	0.01537386	Nrn1	neuritin 1 [Source:RGD Symbol;Acc:621586]	2
ENSRNOG000000017444	2273.91	2026.57	2521.24	1.24	0.32	0.000167	0.001897916	Nrsn1	neurensin 1 [Source:RGD Symbol;Acc:1307833]	5
ENSRNOG000000020644	13058.27	12716.73	13399.82	1.05	0.08	0.326303	0.638677445	Nsg2	neuron specific gene family member 2 [Source:RGD Symbol;Acc:1563944]	5
ENSRNOG000000003650	61.15	75.24	47.05	0.63	-0.68	0.004187	0.027394246	Nt5c	5', 3'-nucleotidase, cytosolic [Source:RGD Symbol;Acc:2321875]	2
ENSRNOG000000011071	200.24	209.10	191.38	0.92	-0.13	0.4693	0.780237584	Nt5e	5' nucleotidase, ecto [Source:RGD Symbol;Acc:61956]	7
ENSRNOG000000019716	6.91	9.06	4.76	0.53	-0.93	0.092422	0.287154945	Ntf3	neurotrophin 3 [Source:RGD Symbol;Acc:619728]	1
ENSRNOG000000020783	3.06	4.04	2.08	0.51	-0.96	0.241572	0.534111218	Ntf4	neurotrophin 4 [Source:RGD Symbol;Acc:3212]	1
ENSRNOG000000013953	9431.41	8927.37	9935.46	1.11	0.15	0.037709	0.150993732	Ntrk1	neurotrophic tyrosine kinase, receptor, type 1 [Source:RGD Symbol;Acc:620144]	1
ENSRNOG000000018839	1636.61	1385.54	1887.68	1.36	0.45	1.97E-07	4.52E-06	Ntrk2	neurotrophic tyrosine kinase, receptor, type 2 [Source:RGD Symbol;Acc:3213]	1
ENSRNOG000000018674	242.20	224.54	259.86	1.16	0.21	0.157369	0.410547326	Ntrk3	neurotrophic tyrosine kinase, receptor, type 3 [Source:RGD Symbol;Acc:3214]	1
ENSRNOG000000004179	23.04	20.37	25.71	1.26	0.34	0.278721	0.584290278	Nts	neurotensin [Source:RGD Symbol;Acc:621612]	7
ENSRNOG000000028708	121.04	116.49	125.59	1.08	0.11	0.654708	0.918960335	Ntsr1	neurotensin receptor 1 [Source:RGD Symbol;Acc:1306076]	4
ENSRNOG000000049054	277.54	223.35	331.74	1.49	0.57	0.000134	0.001548029	Ntsr2	neurotensin receptor 2 [Source:RGD Symbol;Acc:70962]	1
ENSRNOG000000017955	354.20	358.97	349.42	0.97	-0.04	0.794265		1Nudt8	nudix (nucleoside diphosphate linked moiety X)-type motif 8 [Source:RGD Symbol;Acc:1309040]	2
ENSRNOG000000002711	65.20	78.58	51.82	0.66	-0.60	0.009623	0.053531001	Nuf2	NUF2, NDC80 kinetochore complex component [Source:RGD Symbol;Acc:1307952]	2
ENSRNOG000000005390	253.46	253.09	253.82	1.00	0.00	0.995666		1Nup210	nucleoporin 210 [Source:RGD Symbol;Acc:69339]	2
ENSRNOG000000018564	1535.33	1497.36	1573.29	1.05	0.07	0.444788	0.763437784	Nup93	nucleoporin 93 [Source:RGD Symbol;Acc:1311525]	2
ENSRNOG000000004921	56.35	72.58	40.13	0.55	-0.85	0.000665	0.006083852	Nusap1	nucleolar and spindle associated protein 1 [Source:RGD Symbol;Acc:1305764]	2
ENSRNOG000000003629	377.47	397.73	357.21	0.90	-0.15	0.24889	0.5450736	Nvl	nuclear VCP-like [Source:RGD Symbol;Acc:1311270]	2
ENSRNOG000000019069	2894.07	3044.47	2743.67	0.90	-0.15	0.055283	0.19945387	Nxf1	nuclear RNA export factor 1 [Source:RGD Symbol;Acc:62014]	2
ENSRNOG000000008178	1451.73	1469.02	1434.44	0.98	-0.03	0.694839	0.944529312	Nxn	nucleoredoxin [Source:RGD Symbol;Acc:1310489]	3
ENSRNOG000000027847	14.73	10.15	19.30	1.90	0.93	0.020507	0.095849466	Nxpe2	neurexophilin and PC-esterase domain family, member 2 [Source:RGD Symbol;Acc:2323193]	2
ENSRNOG000000031343	3.27	6.54	0.00	0.00	#NAME?	9.24E-07	1.85E-05	Nxpe4	neurexophilin and PC-esterase domain family, member 4 [Source:RGD Symbol;Acc:1588255]	2
ENSRNOG000000027061	15.41	22.30	8.52	0.38	-1.39	0.000454	0.004423268	Nxpe5	neurexophilin and PC-esterase domain	

ENSRNOG00000002903	1328.93	1284.62	1373.24	1.07	0.10	0.305358	0.614457878	Oraov1	oral cancer overexpressed 1 [Source:RGD Symbol;Acc:1304637]	2
ENSRNOG000000042961	25.86	26.32	25.41	0.97	-0.05	1	1	Ormdl1	ORMDL sphingolipid biosynthesis regulator 1 [Source:RGD Symbol;Acc:2300146]	3
ENSRNOG000000010011	890.27	704.12	1076.41	1.53	0.61	1.60E-09	5.39E-08	Osbpl3	oxysterol binding protein-like 3 [Source:RGD Symbol;Acc:1564287]	2
ENSRNOG000000010812	688.74	605.27	772.20	1.28	0.35	0.001043	0.008831982	Osbpl6	oxysterol binding protein-like 6 [Source:RGD Symbol;Acc:1308887]	2
ENSRNOG000000026962	209.74	164.62	254.86	1.55	0.63	0.000159	0.001807404	Osbpl8	oxysterol binding protein-like 8 [Source:RGD Symbol;Acc:1561474]	2
ENSRNOG000000008297	974.27	969.87	978.67	1.01	0.01	0.931607	1	Oser1	oxidative stress responsive serine-rich 1 [Source:RGD Symbol;Acc:1303142]	1
ENSRNOG000000024390	7.33	8.42	6.24	0.74	-0.43	0.144911	0.734725258	Osm	oncostatin M [Source:RGD Symbol;Acc:1585012]	2
ENSRNOG000000033192	99.64	102.78	96.50	0.94	-0.09	0.611971	0.885939579	Osmr	oncostatin M receptor [Source:RGD Symbol;Acc:1302983]	5
ENSRNOG000000008605	2337.64	2274.18	2401.09	1.06	0.08	0.337608	0.651597796	Ost4	oligosaccharyltransferase 4 homolog (S. cerevisiae) [Source:RGD Symbol;Acc:2300150]	2
ENSRNOG000000017487	9.04	9.46	8.63	0.91	-0.13	0.886908	1	Otoa	otancorin [Source:RGD Symbol;Acc:1562741]	5
ENSRNOG000000009967	175.05	183.44	166.66	0.91	-0.14	0.429316	0.748038086	Otof	otoferlin [Source:RGD Symbol;Acc:620646]	3
ENSRNOG000000031452	4.57	3.86	5.28	1.37	0.45	0.534291	0.83315454	Otop3	otopetrin 3 [Source:RGD Symbol;Acc:1306663]	3
ENSRNOG000000019794	0.51	0.27	0.75	2.80	1.48	0.692962	0.943449877	Ovch2	ovochymase 2 [Source:RGD Symbol;Acc:1564636]	2
ENSRNOG000000006850	0.36	0.72	0.00	0.00	#NAME?	0.238385	0.530704828	Ovol2	ovo-like zinc finger 2 [Source:RGD Symbol;Acc:1306130]	5
ENSRNOG000000021225	0.12	0.24	0.00	0.00	#NAME?	0.964517	1	Oxt	oxytocin/neurophysin 1 prepropeptide [Source:RGD Symbol;Acc:3238]	1
ENSRNOG000000005806	5.41	5.40	5.42	1.00	0.01	1	1	Oxtr	oxytocin receptor [Source:RGD Symbol;Acc:3239]	1
ENSRNOG000000037456	250.20	240.44	259.96	1.08	0.11	0.467909	0.780237584	P2rx2	purinergic receptor P2X, ligand-gated ion channel, 2 [Source:RGD Symbol;Acc:620251]	7
ENSRNOG000000008552	10498.31	9264.05	11732.56	1.27	0.34	4.79E-06	8.10E-05	P2rx3	purinergic receptor P2X, ligand-gated ion channel, 3 [Source:RGD Symbol;Acc:620253]	7
ENSRNOG000000001300	1061.06	1119.70	1002.43	0.90	-0.16	0.106252	0.315629906	P2rx4	purinergic receptor P2X, ligand-gated ion channel 4 [Source:RGD Symbol;Acc:62073]	1
ENSRNOG000000019208	887.15	878.43	895.86	1.02	0.03	0.766447	0.991583883	P2rx5	purinergic receptor P2X, ligand-gated ion channel, 5 [Source:RGD Symbol;Acc:620256]	1
ENSRNOG000000001296	413.25	430.98	395.53	0.92	-0.12	0.356488	0.672307646	P2rx7	purinergic receptor P2X, ligand-gated ion channel, 7 [Source:RGD Symbol;Acc:621241]	1
ENSRNOG000000014232	1398.67	1221.25	1576.10	1.29	0.37	7.22E-05	0.00091131	P2ry1	purinergic receptor P2Y, G-protein coupled, 1 [Source:RGD Symbol;Acc:3242]	6
ENSRNOG000000013902	91.18	79.67	102.70	1.29	0.37	0.077712	0.253831629	P2ry12	purinergic receptor P2Y, G-protein coupled, 12 [Source:RGD Symbol;Acc:621681]	1
ENSRNOG000000029756	17.31	17.45	17.16	0.98	-0.02	0.860711	1	P2ry13	purinergic receptor P2Y, G-protein coupled, 13 [Source:RGD Symbol;Acc:1302941]	1
ENSRNOG000000019283	966.57	1013.07	920.07	0.91	-0.14	0.212163	0.496006382	P2ry2	purinergic receptor P2Y, G-protein coupled, 2 [Source:RGD Symbol;Acc:62088]	1
ENSRNOG000000002953	7.86	6.81	8.90	1.31	0.38	0.45752	0.773461361	P2ry4	pyrimidinergic receptor P2Y, G-protein coupled, 4 [Source:RGD Symbol;Acc:61798]	1
ENSRNOG000000019270	63.29	70.14	56.43	0.80	-0.31	0.141672	0.382167408	P2ry6	pyrimidinergic receptor P2Y, G-protein coupled, 6 [Source:RGD Symbol;Acc:620269]	1
ENSRNOG000000008639	4968.12	5065.08	4871.15	0.96	-0.06	0.450461	0.766707245	Pabpc1	poly(A) binding protein, cytoplasmic 1 [Source:RGD Symbol;Acc:619838]	2
ENSRNOG000000015642	462.58	469.09	456.08	0.97	-0.04	0.705185	0.952908987	Pabpc4	poly(A) binding protein, cytoplasmic 4 [Source:RGD Symbol;Acc:1305015]	2
ENSRNOG000000003354	3.59	2.65	4.52	1.71	0.77	0.279273	0.585031908	Pabpc5	poly A binding protein, cytoplasmic 5 [Source:RGD Symbol;Acc:1587661]	3
ENSRNOG0000000042195	3726.21	4315.94	3136.47	0.73	-0.46	3.85E-09	1.21E-07	Pabpn1	poly(A) binding protein, nuclear 1 [Source:RGD Symbol;Acc:619928]	2
ENSRNOG000000025083	2498.03	2461.60	2534.47	1.03	0.04	0.536749	0.83315454	Pacsin1	protein kinase C and casein kinase substrate in neurons 1 [Source:RGD Symbol;Acc:3247]	1
ENSRNOG000000020481	1160.39	1183.48	1137.30	0.96	-0.06	0.543057	0.83315454	Pafah1b3	platelet-activating factor acetylhydrolase 1b, catalytic subunit 3 [Source:RGD Symbol;Acc:620333]	5
ENSRNOG0000000047009	35.70	31.61	39.78	1.26	0.33	0.213692	0.497840296	Pag1	phosphoprotein membrane anchor with glycosphingolipid microdomains 1 [Source:RGD Symbol;Acc:620]	2
ENSRNOG000000019883	560.68	656.54	464.82	0.71	-0.50	2.75E-05	0.000387598	Pak4	p21 protein (Cdc42/Rac)-activated kinase 4 [Source:RGD Symbol;Acc:1307705]	1
ENSRNOG000000005509	90.04	74.56	105.52	1.42	0.50	0.02414	0.108851914	Pak7	p21 protein (Cdc42/Rac)-activated kinase 7 [Source:RGD Symbol;Acc:1312009]	1
ENSRNOG000000025558	39.23	23.34	55.11	2.36	1.24	1.38E-05	0.000209	Paln2	paralemmin 2 [Source:RGD Symbol;Acc:6497336]	5
ENSRNOG000000014164	709.09	676.42	741.76	1.10	0.13	0.284746	0.590212038	Papq5	progesterin and adiponectin receptor family member V [Source:RGD Symbol;Acc:1311259]	5
ENSRNOG000000020002	104.62	106.03	103.22	0.97	-0.04	0.857863	1	Parp11	poly (ADP-ribose) polymerase family, member 11 [Source:RGD Symbol;Acc:1561791]	2
ENSRNOG000000008196	179.59	191.80	167.37	0.87	-0.20	0.251256	0.548199239	Parp12	poly (ADP-ribose) polymerase family, member 12 [Source:RGD Symbol;Acc:1308628]	2
ENSRNOG000000010824	984.47	954.72	1014.22	1.06	0.09	0.391807	0.70925446	Parp8	poly (ADP-ribose) polymerase family, member 8 [Source:RGD Symbol;Acc:1587384]	2
ENSRNOG000000016888	150.59	159.11	142.08	0.89	-0.16	0.374872	0.691277158	Pask	PAS domain containing serine/threonine kinase [Source:RGD Symbol;Acc:1306146]	2
ENSRNOG000000017061	2.28	1.49	3.08	2.06	1.04	0.288602	0.595321477	Pat12	protein associated with topoisomerase II homolog 2 (yeast) [Source:RGD Symbol;Acc:1308787]	3
ENSRNOG000000005917	64.98	96.87	33.10	0.34	-1.55	3.00E-10	1.10E-08	Pawr	PRKC, apoptosis, WT1, regulator [Source:RGD Symbol;Acc:69065]	1
ENSRNOG000000014253	1.67	1.83	1.50	0.82	-0.29	0.905843	1	Pax2	paired box 2 [Source:RGD Symbol;Acc:1305568]	5
ENSRNOG000000026203	5.02	5.69	4.36	0.77	-0.38	0.570787	0.854737846	Pax8	paired box 8 [Source:RGD Symbol;Acc:620434]	5
ENSRNOG000000015308	21.24	25.62	16.86	0.66	-0.60	0.085904	0.272630406	Pbk	PDZ binding kinase [Source:RGD Symbol;Acc:1309565]	2
ENSRNOG000000000440	1942.56	2066.62	1818.50	0.88	-0.18	0.032825	0.136051211	Pbx2	pre-B-cell leukemia homeobox 2 [Source:RGD Symbol;Acc:1303084]	1
ENSRNOG000000000566	982.51	913.87	1051.15	1.15	0.20	0.038335	0.17027273	Pcbd1	pterin-4 alpha-carbinolamine dehydratase/dimerization cofactor of hepatocyte nuclear factor 1 alpha [S	2
ENSRNOG000000019265	67.93	76.16	59.71	0.78	-0.35	0.127493	0.354543154	Pcdh12	protodcadherin 12 [Source:RGD Symbol;Acc:619917]	2
ENSRNOG000000008360	1164.06	1186.31	1141.81	0.96	-0.06	0.532465	0.831607813	Pcgf1	polycomb group ring finger 1 [Source:RGD Symbol;Acc:1549782]	2
ENSRNOG000000020250	213.26	202.14	224.38	1.11	0.15	0.363481	0.679879624	Pcgf6	polycomb group ring finger 6 [Source:RGD Symbol;Acc:1306904]	2
ENSRNOG000000017404	1410.50	1309.52	1511.49	1.15	0.21	0.029571	0.126069162	Pcmt2	protein-L-isospartate (D-aspartate) O-methyltransferase domain containing 2 [Source:RGD Symbol;Acc:	2
ENSRNOG000000021264	1568.99	1558.80	1579.19	1.01	0.02	0.916376	1	Pcna	proliferating cell nuclear antigen [Source:RGD Symbol;Acc:3269]	2
ENSRNOG0000000046021	1.09	0.72	1.46	2.02	1.02	0.613284	0.886207017	Pcsk1n	proprotein convertase subtilisin/kexin type 1 inhibitor [Source:RGD Symbol;Acc:3617]	3
ENSRNOG000000005438	2928.12	2742.80	3113.45	1.14	0.18	0.019378	0.091769728	Pcsk2	proprotein convertase subtilisin/kexin type 2 [Source:RGD Symbol;Acc:3273]	1
ENSRNOG000000015262	1516.07	1559.55	1472.59	0.94	-0.08	0.360137	0.675723375	Pcsk6	proprotein convertase subtilisin/kexin type 6 [Source:RGD Symbol;Acc:3246]	1
ENSRNOG000000006280	103.21	105.84	100.58	0.95	-0.07	0.706434	0.953615055	Pcsk9	proprotein convertase subtilisin/kexin type 9 [Source:RGD Symbol;Acc:728909]	2
ENSRNOG0000000001490	892.84	895.76	889.92	0.99	-0.01	0.905415	1	Pdcd2	programmed cell death 2 [Source:RGD Symbol;Acc:61887]	2
ENSRNOG000000013286	1461.76	1437.61	1485.90	1.03	0.05	0.606007	0.881015211	Pdcl3	phosducin-like 3 [Source:RGD Symbol;Acc:1309663]	2
ENSRNOG000000011310	147.84	122.41	173.26	1.42	0.50	0.004866	0.030953067	Pde10a	phosphodiesterase 10A [Source:RGD Symbol;Acc:68434]	5
ENSRNOG000000024457	99.66	87.20	112.12	1.29	0.36	0.077891	0.254178923	Pde11a	phosphodiesterase 11A [Source:RGD Symbol;Acc:621793]	5
ENSRNOG000000036828	276.81	271.39	282.23	1.04	0.06	0.776437	0.996231235	Pde1b	phosphodiesterase 1B, calmodulin-dependent [Source:RGD Symbol;Acc:3278]	2
ENSRNOG000000012337	930.53	790.27	1070.79	1.35	0.44	1.25E-05	0.000190492	Pde1c	phosphodiesterase 1C [Source:RGD Symbol;Acc:68332]	2
ENSRNOG000000019518	368.25	393.85	342.65	0.87	-0.20	0.123951	0.348169943	Pde4c	phosphodiesterase 4C, cAMP-specific [Source:RGD Symbol;Acc:727918]	5
ENSRNOG000000018610	1493.02	1345.49	1640.54	1.22	0.29	0.001324	0.010639744	Pde6d	phosphodiesterase 6d, cGMP-specific, rod, delta [Source:RGD Symbol;Acc:1306204]	2
ENSRNOG000000019005	246.96	242.55	251.37	1.04	0.05	0.773316	0.994472397	Pde8a	phosphodiesterase 8A [Source:RGD Symbol;Acc:735125]	2
ENSRNOG000000017197	306.74	334.83	278.65	0.83	-0.26	0.076713	0.251467711	Pdgfrb	platelet-derived growth factor beta polypeptide [Source:RGD Symbol;Acc:3283]	1
ENSRNOG000000016166	1805.47	1703.75	1907.18	1.12	0.16	0.058033	0.206601111	Pdlim1	PDZ and LIM domain 1 [Source:RGD Symbol;Acc:68324]	2
ENSRNOG000000008543	351.86	427.95	275.77	0.64	-0.63	6.82E-06	0.00010981	Pdlim2	PDZ and LIM domain 2 [Source:RGD Symbol;Acc:1359203]	2
ENSRNOG000000026036	23.99	21.37	26.61	1.25	0.32	0.378559	0.694603181	Pdyn	prodynorphin [Source:RGD Symbol;Acc:62054]	4
ENSRNOG000000008943	269.57	330.22	208.92	0.63	-0.66	6.59E-06	0.00010653	Penk	proenkephalin [Source:RGD Symbol;Acc:68946]	1
ENSRNOG000000007387	1154.46	1212.20	1096.73	0.90	-0.14	0.180941	0.448396563	Per1	period circadian clock 1 [Source:RGD Symbol;Acc:727863]	1
ENSRNOG000000020254	317.14	316.01	318.26	1.01	0.01	0.913114	1	Per2	period circadian clock 2 [Source:RGD Symbol;Acc:61945]	1
ENSRNOG000000014402	5.97	7.25	4.68	0.65	-0.63	0.319073	0.631119883	Pgpep1l	pyroglutamyl-peptidase I-like [Source:MGI Symbol;Acc:MGI:1925694]	3
ENSRNOG000000014264	442.19	368.61	515.77	1.40	0.48	9.21E-05	0.00112222	Phactr1	phosphatase and actin regulator 1 [Source:RGD Symbol;Acc:1303187]	2
ENSRNOG000000007524	343.06	338.89	347.23	1.02	0.04	0.849425	1	Phactr3	phosphatase and actin regulator 3 [Source:RGD Symbol;Acc:1303029]	

ENSRNOG00000012095	1154.49	970.18	1338.79	1.38	0.46	9.68E-07	1.92E-05	Pkia	protein kinase (cAMP-dependent, catalytic) inhibitor alpha [Source:RGD Symbol;Acc:621021]	3
ENSRNOG00000010235	1743.46	1777.58	1709.34	0.96	-0.06	0.472797	0.780237584	Pkig	protein kinase (cAMP-dependent, catalytic) inhibitor gamma [Source:RGD Symbol;Acc:628775]	2
ENSRNOG00000028856	1674.07	1544.96	1803.18	1.17	0.22	0.101016	0.055522015	Pknx2	PBX/knotted 1 homeobox 2 [Source:RGD Symbol;Acc:1590611]	2
ENSRNOG00000015152	11.02	13.33	8.71	0.65	-0.61	0.213144	0.49763947	Pkp3	plakophilin 3 [Source:RGD Symbol;Acc:1309133]	2
ENSRNOG00000005504	1480.32	1023.18	1937.46	1.89	0.92	1.21E-23	1.15E-21	Pkp4	plakophilin 4 [Source:RGD Symbol;Acc:1307840]	2
ENSRNOG00000046619	0.37	0.48	0.26	0.54	-0.89	0.947513		Pla2g12b	phospholipase A2, group XIIb [Source:RGD Symbol;Acc:1588484]	3
ENSRNOG00000002657	46.05	64.54	27.57	0.43	-1.23	4.98E-06	8.35E-05	Pla2g4a	phospholipase A2, group IVA (cytosolic, calcium-dependent) [Source:RGD Symbol;Acc:67366]	1
ENSRNOG00000007447	1120.23	1293.27	947.19	0.73	-0.45	3.10E-06	5.52E-05	Pla2g4b	phospholipase A2, group IVB (cytosolic) [Source:RGD Symbol;Acc:1308658]	1
ENSRNOG00000012295	2575.76	2503.59	2647.93	1.06	0.08	0.254156	0.551817464	Pla2g6	phospholipase A2, group VI (cytosolic, calcium-independent) [Source:RGD Symbol;Acc:628867]	2
ENSRNOG000000025587	130.01	84.06	175.95	2.09	1.07	2.41E-08	6.46E-07	Plag1	pleiomorphic adenoma gene-like 1 [Source:RGD Symbol;Acc:3014]	2
ENSRNOG00000010516	136.09	178.44	93.74	0.53	-0.93	3.77E-07	8.18E-06	Plau	plasminogen activator, urokinase [Source:RGD Symbol;Acc:3343]	2
ENSRNOG00000007931	388.00	397.54	378.47	0.95	-0.07	0.49974	0.803359186	Plaur	plasminogen activator, urokinase receptor [Source:RGD Symbol;Acc:620597]	7
ENSRNOG000000004810	222.00	183.66	260.34	1.42	0.50	0.001618	0.012620574	Plcb1	phospholipase C, beta 1 (phosphoinositide-specific) [Source:RGD Symbol;Acc:3344]	1
ENSRNOG000000021150	4972.03	5019.84	4924.22	0.98	-0.03	0.708445	0.954668746	Plcb3	phospholipase C, beta 3 (phosphatidylinositol-specific) [Source:RGD Symbol;Acc:61993]	7
ENSRNOG00000003119	607.43	591.87	622.99	1.05	0.07	0.498817	0.802833523	Plcb4	phospholipase C, beta 4 [Source:RGD Symbol;Acc:3345]	1
ENSRNOG00000016340	3520.48	3585.35	3455.62	0.96	-0.05	0.491402	0.796043483	Plcg1	phospholipase C, gamma 1 [Source:RGD Symbol;Acc:3347]	1
ENSRNOG000000032659	245.29	196.84	293.75	1.49	0.58	0.000256	0.002743351	Plcl1	phospholipase C-like 1 [Source:RGD Symbol;Acc:708420]	6
ENSRNOG000000013368	258.21	282.93	233.48	0.83	-0.28	0.006789	0.213733948	Plcl2	phospholipase C-like 2 [Source:RGD Symbol;Acc:1305941]	5
ENSRNOG000000014550	287.68	205.80	369.57	1.80	0.84	1.03E-08	2.96E-07	Pldc3	phosphatidylinositol-specific phospholipase C, X domain containing 3 [Source:RGD Symbol;Acc:1308448]	5
ENSRNOG00000003997	193.58	103.85	283.31	2.73	1.45	7.47E-17	4.95E-15	Pld5	phospholipase D family, member 5 [Source:RGD Symbol;Acc:1562609]	5
ENSRNOG00000010098	14.78	18.65	10.92	0.59	-0.77	0.052411	0.192116323	Plek2	pleckstrin 2 [Source:RGD Symbol;Acc:1305786]	5
ENSRNOG000000011830	608.70	595.92	621.47	1.04	0.06	0.630664	0.900483361	Plekha3	pleckstrin homology domain-containing, family A (phosphoinositide binding specific) member 3 [Source:RGD Symbol;Acc:6211175]	2
ENSRNOG000000008747	2386.73	2339.93	2433.52	1.04	0.06	0.500106	0.803822323	Plekha5	pleckstrin homology domain-containing, family A member 5 [Source:RGD Symbol;Acc:6211175]	2
ENSRNOG000000048096	591.11	553.46	628.76	1.14	0.18	0.095228	0.292745448	Plekha5	pleckstrin homology domain-containing, family A member 6 [Source:MGJ Symbol;Acc:MGJ:2388662]	2
ENSRNOG000000021170	1949.12	2091.04	1807.20	0.86	-0.21	0.014067	0.071447167	Plekha1	pleckstrin homology domain-containing, family O member 1 [Source:RGD Symbol;Acc:1311487]	2
ENSRNOG000000018815	68.59	82.11	55.06	0.67	-0.58	0.011958	0.062923207	Plk1	polo-like kinase 1 [Source:RGD Symbol;Acc:3352]	2
ENSRNOG000000007970	930.20	746.82	1113.58	1.49	0.58	6.64E-09	1.98E-07	Plxnc1	plexin C1 [Source:RGD Symbol;Acc:1307420]	5
ENSRNOG000000005358	5615.50	5573.42	5657.58	1.02	0.02	0.811637		Pmm1	phosphomannomutase 1 [Source:RGD Symbol;Acc:1310897]	2
ENSRNOG000000003338	161529.03	170887.48	#####	0.89	-0.17	0.156243	0.409120632	Pmp22	peripheral myelin protein 22 [Source:RGD Symbol;Acc:3359]	1
ENSRNOG000000008782	3386.63	3557.64	3215.62	0.90	-0.15	0.064971	0.223378475	Pnir	PNN-interacting serine/arginine-rich protein [Source:RGD Symbol;Acc:1307395]	2
ENSRNOG000000004061	2146.22	2308.69	1983.76	0.86	-0.22	0.007646	0.044411668	Pnn	pinin, desmosome associated protein [Source:RGD Symbol;Acc:1597086]	2
ENSRNOG000000014231	7.27	6.91	7.63	1.11	0.14	0.853977		Pnoc	prepronociceptin [Source:RGD Symbol;Acc:3362]	4
ENSRNOG000000009982	1640.60	1814.26	1466.93	0.81	-0.31	0.000377	0.003773846	Pnp	purine nucleoside phosphorylase [Source:RGD Symbol;Acc:1597189]	2
ENSRNOG000000022268	843.36	773.09	913.62	1.18	0.24	0.016926	0.082784862	Pnp3a	patatin-like phospholipase domain containing 3 [Source:RGD Symbol;Acc:1595843]	2
ENSRNOG000000020906	277.34	309.76	244.92	0.79	-0.34	0.019845	0.093601155	Pola2	polymerase (DNA directed), alpha 2, accessory subunit [Source:RGD Symbol;Acc:621817]	2
ENSRNOG000000019681	333.53	377.58	289.48	0.77	-0.38	0.007873	0.045554911	Pold1	polymerase (DNA directed), delta 1, catalytic subunit [Source:RGD Symbol;Acc:621839]	2
ENSRNOG000000025373	245.12	237.67	252.56	1.06	0.09	0.580518	0.866683671	Polk	polymerase (DNA directed) kappa [Source:RGD Symbol;Acc:620058]	2
ENSRNOG000000012686	432.55	775.61	89.50	0.12	-3.12	9.07E-97	5.02E-94	Pomc	proopiomelanocortin [Source:RGD Symbol;Acc:3366]	6
ENSRNOG00000001199	455.92	464.67	447.16	0.96	-0.06	0.647384	0.913621063	Pop5	processing of precursor 5, ribonuclease P/MRP subunit (S. cerevisiae) [Source:RGD Symbol;Acc:1311819]	2
ENSRNOG000000047102	470.55	414.16	526.94	1.27	0.35	0.006493	0.03913862	Popdc3	popeye domain containing 3 [Source:RGD Symbol;Acc:1590760]	2
ENSRNOG000000001442	2911.03	3153.78	2668.27	0.85	-0.24	0.003525	0.023835007	Por	P450 (cytochrome) oxidoreductase [Source:RGD Symbol;Acc:68335]	1
ENSRNOG000000020381	12.03	13.26	10.80	0.81	-0.30	0.534268	0.83315454	Pou2f2	POU class 2 homeobox 2 [Source:RGD Symbol;Acc:621690]	2
ENSRNOG000000009669	1210.63	1120.26	1301.00	1.16	0.22	0.013094	0.0067530879	Pou4f1	POU class 4 homeobox 1 [Source:RGD Symbol;Acc:620074]	2
ENSRNOG000000012167	571.68	490.33	653.04	1.33	0.41	0.000575	0.005371656	Pou4f2	POU class 4 homeobox 2 [Source:RGD Symbol;Acc:620075]	2
ENSRNOG000000046487	3.87	4.52	3.21	0.71	-0.49	0.543449	0.83315454	Pou5f1	POU class 5 homeobox 1 [Source:RGD Symbol;Acc:1359491]	1
ENSRNOG000000020424	458.06	450.26	465.85	1.03	0.05	0.775933	0.996010609	Ppapidc1a	phosphatidic acid phosphatase type 2 domain containing 1A [Source:RGD Symbol;Acc:1306289]	3
ENSRNOG000000015568	376.59	379.94	373.23	0.98	-0.03	0.873075		Ppapidc1b	phosphatidic acid phosphatase type 2 domain containing 1B [Source:RGD Symbol;Acc:1591734]	1
ENSRNOG000000021463	42.87	38.98	46.76	1.20	0.26	0.314923	0.625975791	Pparg	peroxisome proliferator activated receptor alpha [Source:RGD Symbol;Acc:3369]	2
ENSRNOG000000008839	84.11	85.68	82.55	0.96	-0.05	0.774928	0.995449268	Pparg	peroxisome proliferator-activated receptor gamma [Source:RGD Symbol;Acc:3371]	1
ENSRNOG000000027331	2095.70	1843.80	2347.59	1.27	0.35	4.81E-05	0.000638826	Ppef1	protein phosphatase, EF-hand calcium binding domain 1 [Source:RGD Symbol;Acc:1562772]	5
ENSRNOG000000004353	744.63	640.02	849.24	1.33	0.41	0.000178	0.00199556	Ppfia2	protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (liprin), alpha 2 [Source:RGD Symbol;Acc:1311051]	5
ENSRNOG000000015552	623.01	633.55	612.47	0.97	-0.05	0.712163	0.957292115	Ppil4	peptidylprolyl isomerase (cyclophilin)-like 4 [Source:RGD Symbol;Acc:1311051]	5
ENSRNOG000000002930	116.07	128.27	103.87	0.81	-0.30	0.12629	0.352522456	Ppl	perilakin [Source:RGD Symbol;Acc:1305511]	5
ENSRNOG000000016599	14.58	12.97	16.20	1.25	0.32	0.447562	0.764558524	Ppm1n	protein phosphatase, Mg2+/Mn2+ dependent, 1N [Source:RGD Symbol;Acc:1562091]	5
ENSRNOG000000003567	736.77	817.28	656.27	0.80	-0.32	0.003807	0.012328676	Ppox	protoporphyrinogen oxidase [Source:RGD Symbol;Acc:1310543]	2
ENSRNOG000000021151	349.00	385.95	312.05	0.81	-0.31	0.025953	0.114709643	Ppp1r14b	protein phosphatase 1, regulatory (inhibitor) subunit 14B [Source:RGD Symbol;Acc:628702]	2
ENSRNOG000000036827	1670.78	1644.75	1696.80	1.03	0.04	0.666772	0.927410259	Ppp1r1a	protein phosphatase 1, regulatory (inhibitor) subunit 1A [Source:RGD Symbol;Acc:62018]	5
ENSRNOG000000028404	1041.15	1014.20	1068.11	1.05	0.07	0.466656	0.780237584	Ppp1r1b	protein phosphatase 1, regulatory (inhibitor) subunit 1B [Source:RGD Symbol;Acc:621859]	1
ENSRNOG000000024990	7636.20	6449.46	8822.95	1.37	0.45	2.85E-09	9.18E-08	Ppp1r1c	protein phosphatase 1, regulatory (inhibitor) subunit 1C [Source:RGD Symbol;Acc:1562095]	1
ENSRNOG000000001733	5836.84	5182.16	6491.51	1.25	0.33	2.66E-05	0.000376659	Ppp1r2	protein phosphatase 1, regulatory (inhibitor) subunit 2 [Source:RGD Symbol;Acc:621099]	2
ENSRNOG000000036690	0.73	0.48	0.97	2.04	1.03	0.770969	0.992943861	Ppp1r27	protein phosphatase 1, regulatory subunit 27 [Source:RGD Symbol;Acc:1308861]	2
ENSRNOG000000050881	0.42	0.85	0.00	0.00	#NAME?	0.238921	0.530704828	Ppp1r35	protein phosphatase 1, regulatory subunit 35 [Source:RGD Symbol;Acc:1584367]	2
ENSRNOG000000009882	6098.88	5553.49	6644.27	1.20	0.26	0.000578	0.005392871	Ppp3ca	protein phosphatase 3, catalytic subunit, alpha isoform [Source:RGD Symbol;Acc:3382]	1
ENSRNOG000000009745	853.97	804.09	903.85	1.12	0.17	0.105591	0.314753717	Ppp3cc	protein phosphatase 3, catalytic subunit, gamma isoform [Source:MGJ Symbol;Acc:MGJ:107162]	6
ENSRNOG000000043210	7193.74	6774.53	7612.96	1.12	0.17	0.032306	0.134616375	Ppp3r1	protein phosphatase 3, regulatory subunit B, alpha [Source:RGD Symbol;Acc:69230]	1
ENSRNOG000000005368	0.82	0.29	1.35	4.68	1.23	0.217889	0.4456998	Ppp3r2	protein phosphatase 3, regulatory subunit B, beta [Source:RGD Symbol;Acc:69232]	1
ENSRNOG000000000435	994.36	1072.39	916.33	0.85	-0.23	0.024151	0.108880248	Ppt2	palmitoyl-protein thioesterase 2 [Source:RGD Symbol;Acc:620375]	1
ENSRNOG000000005126	2408.00	2156.85	2659.15	1.23	0.30	0.000279	0.00294018	Pqlc3	PQ loop repeat containing 3 [Source:RGD Symbol;Acc:1306818]	5
ENSRNOG000000013057	118.24	145.47	91.02	0.63	-0.68	0.000549	0.005173862	Prc1	protein regulator of cytokinesis 1 [Source:RGD Symbol;Acc:1311754]	2
ENSRNOG00000009218	2268.67	2095.23	2442.12	1.17	0.22	0.007357	0.043188515	Prdm12	PR domain containing 12 [Source:RGD Symbol;Acc:1586401]	5
ENSRNOG000000002004	232.83	234.23	231.43	0.99	-0.02	0.956546		Prdm8	PR domain containing 8 [Source:RGD Symbol;Acc:1311628]	5
ENSRNOG000000006952	2496.55	2286.66	2706.45	1.18	0.24	0.002301	0.016889508	Prex1	primase, DNA, polypeptide 2 [Source:RGD Symbol;Acc:631433]	5
ENSRNOG000000012486	259.82	265.78	253.86	0.96	-0.07	0.640545	0.908879783	Prim2	primase, DNA, polypeptide 2 [Source:RGD Symbol;Acc:631433]	2
ENSRNOG000000007706	150.73	126.72	174.75	1.38	0.46	0.008755	0.049661526	Prkaa2	protein kinase, AMP-activated, alpha 2 catalytic subunit [Source:RGD Symbol;Acc:620893]	1
ENSRNOG000000005257	4972.84	5176.31	4769.37	0.92	-0.12	0.127842	0.35518645	Prkaa3	protein kinase, cAMP-dependent, catalytic, alpha [Source:RGD Symbol;Acc:3389]	1
ENSRNOG000000004978	559.16	475.72	642.59	1.35						

ENSRNOG00000014376	2.26	2.11	2.42	1.15	0.20	0.797955	1	Proc	protein C [Source:RGD Symbol;Acc:3411]	3
ENSRNOG00000010898	1.55	1.83	1.27	0.69	-0.53	0.709694	0.955185581	Prok2	prokineticin 2 [Source:RGD Symbol;Acc:620280]	1
ENSRNOG00000009556	109.32	90.79	127.84	1.41	0.49	0.010654	0.057560817	Prokr1	prokineticin receptor 1 [Source:RGD Symbol;Acc:708443]	1
ENSRNOG00000019700	1.04	0.95	1.13	1.18	0.24	1	1	Proz	protein Z, vitamin K-dependent plasma glycoprotein [Source:RGD Symbol;Acc:1308666]	3
ENSRNOG00000020438	1496.87	1520.35	1473.38	0.97	-0.05	0.593001	0.869923662	Prpf38b	pre-mRNA processing factor 38B [Source:RGD Symbol;Acc:1562940]	2
ENSRNOG00000004521	954.27	915.43	993.12	1.08	0.12	0.270045	0.572837043	Prpf39	pre-mRNA processing factor 39 [Source:RGD Symbol;Acc:1308702]	2
ENSRNOG00000015643	99208.13	99836.29	98579.97	0.99	-0.02	0.837171	1	Prph	peripherin [Source:RGD Symbol;Acc:3414]	2
ENSRNOG00000042094	3535.99	3516.55	3555.44	1.01	0.02	0.820728	1	Prr13	proline rich 13 [Source:RGD Symbol;Acc:1307129]	2
ENSRNOG00000018518	581.62	623.30	539.94	0.87	-0.21	0.089557	0.2811219	Prr14	proline rich 14 [Source:RGD Symbol;Acc:1594592]	2
ENSRNOG00000049162	54.67	54.31	55.03	1.01	0.02	1	1	Prr15l	proline rich 15-like [Source:RGD Symbol;Acc:1592397]	3
ENSRNOG00000047295	97.91	108.23	87.59	0.81	-0.31	0.135977	0.372054999	Prr22	proline rich 22 [Source:RGD Symbol;Acc:1595447]	2
ENSRNOG00000000433	1435.27	1564.70	1305.85	0.83	-0.26	0.004535	0.02924188	Prrt1	proline-rich transmembrane protein 1 [Source:RGD Symbol;Acc:1359348]	1
ENSRNOG000000039388	106.66	109.81	103.51	0.94	-0.09	0.712062	0.957269912	Prrt4	proline-rich transmembrane protein 4 [Source:RGD Symbol;Acc:1559885]	5
ENSRNOG00000006299	55.91	84.27	27.55	0.33	-1.61	4.63E-10	1.66E-08	Prrx2	paired related homeobox 2 [Source:RGD Symbol;Acc:1311471]	2
ENSRNOG00000018369	48683.81	57421.24	39946.37	0.70	-0.52	3.87E-09	1.21E-07	Prx	periaxin [Source:RGD Symbol;Acc:619960]	1
ENSRNOG00000019435	457.73	488.41	427.06	0.87	-0.19	0.13994	0.379149592	Psd	pleckstrin and Sec7 domain containing [Source:RGD Symbol;Acc:620297]	5
ENSRNOG00000006079	57.17	76.89	37.45	0.49	-1.04	2.15E-05	0.000311121	Psd4	pleckstrin and Sec7 domain containing 4 [Source:RGD Symbol;Acc:1310289]	3
ENSRNOG00000042250	0.11	0.00	0.22	Inf	Inf	1	1	Psg16	pregnancy specific glycoprotein 16 [Source:RGD Symbol;Acc:1563849]	2
ENSRNOG00000011498	1984.85	1832.87	2136.83	1.17	0.22	0.011038	0.059081184	Psp1	PC4 and SFRS1 interacting protein 1 [Source:RGD Symbol;Acc:631439]	2
ENSRNOG00000019868	3603.16	3476.13	3730.19	1.07	0.10	0.21704	0.502573363	Psma5	proteasome (prosome, macropain) subunit, alpha type 5 [Source:RGD Symbol;Acc:61848]	2
ENSRNOG00000000456	124.33	148.36	100.31	0.68	-0.56	0.00246	0.017867096	Psmb8	proteasome (prosome, macropain) subunit, beta type, 8 [Source:RGD Symbol;Acc:3426]	1
ENSRNOG00000000459	243.91	295.56	192.26	0.65	-0.62	8.46E-05	0.001043884	Psmb9	proteasome (prosome, macropain) subunit, beta type, 9 [Source:RGD Symbol;Acc:3427]	1
ENSRNOG00000019041	1116.35	1240.76	991.93	0.80	-0.32	0.000588	0.005466469	Psmc1	proteasome (prosome, macropain) activator subunit 1 [Source:RGD Symbol;Acc:3429]	2
ENSRNOG00000039265	690.23	685.21	695.26	1.01	0.02	0.873383	1	Psmg4	proteasome (prosome, macropain) assembly chaperone 4 [Source:RGD Symbol;Acc:1589955]	1
ENSRNOG00000016987	127.95	123.60	132.30	1.07	0.10	0.60311	0.878322245	Pstpip2	proline-serine-threonine phosphatase-interacting protein 2 [Source:RGD Symbol;Acc:1563090]	5
ENSRNOG00000013231	163.24	183.08	143.40	0.78	-0.35	0.043684	0.168028571	Ptacr	platelet-activating factor receptor [Source:RGD Symbol;Acc:61897]	1
ENSRNOG00000013231	163.24	183.08	143.40	0.78	-0.35	0.043684	0.168028571	Ptacr	platelet-activating factor receptor [Source:RGD Symbol;Acc:61897]	2
ENSRNOG00000016334	218.68	191.68	245.67	1.28	0.36	0.026334	0.115812746	Ptpb3	polypyrimidine tract binding protein 3 [Source:RGD Symbol;Acc:621671]	2
ENSRNOG000000020723	1124.59	1009.11	1240.07	1.23	0.30	0.002224	0.016459277	Pten	phosphatase and tensin homolog [Source:RGD Symbol;Acc:61995]	2
ENSRNOG00000031535	239.89	226.31	253.47	1.12	0.16	0.313627	0.624401756	Ptgdr	prostaglandin D2 receptor [Source:RGD Symbol;Acc:619707]	7
ENSRNOG00000015550	11698.37	9219.82	14176.91	1.54	0.62	1.74E-18	1.25E-16	Ptgds	prostaglandin D2 synthase (brain) [Source:RGD Symbol;Acc:3433]	1
ENSRNOG00000004094	317.55	326.86	308.24	0.94	-0.08	0.571171	0.854894919	Ptger1	prostaglandin E receptor 1 (subtype EP1) [Source:RGD Symbol;Acc:3434]	1
ENSRNOG00000004094	317.55	326.86	308.24	0.94	-0.08	0.571171	0.854894919	Ptger1	prostaglandin E receptor 1 (subtype EP1) [Source:RGD Symbol;Acc:3434]	2
ENSRNOG000000050968	121.27	116.73	125.80	1.08	0.11	0.580177	0.862864963	Ptger2	prostaglandin E receptor 2 (subtype EP2) [Source:RGD Symbol;Acc:620020]	7
ENSRNOG00000010325	111.48	100.17	122.80	1.23	0.29	0.147355	0.39309317	Ptger3	prostaglandin E receptor 3 (subtype EP3) [Source:RGD Symbol;Acc:3435]	6
ENSRNOG00000013240	160.27	149.27	171.27	1.15	0.20	0.273968	0.578345137	Ptger4	prostaglandin E receptor 4 (subtype EP4) [Source:RGD Symbol;Acc:628641]	1
ENSRNOG00000006320	149.43	179.21	119.65	0.67	-0.58	0.002148	0.015986419	Ptges	prostaglandin E synthase [Source:RGD Symbol;Acc:62076]	1
ENSRNOG00000046468	320.57	297.25	343.89	1.16	0.21	0.139522	0.378405893	Ptgfr	prostaglandin F receptor [Source:RGD Symbol;Acc:3436]	1
ENSRNOG00000016756	946.09	855.34	1036.85	1.21	0.28	0.004943	0.031359299	Ptgif	prostaglandin I2 (prostacyclin) receptor (IP) [Source:RGD Symbol;Acc:1310890]	1
ENSRNOG00000007415	212.85	246.51	179.19	0.73	-0.46	0.00624	0.037910579	Ptgs1	prostaglandin-endoperoxide synthase 1 [Source:RGD Symbol;Acc:3439]	1
ENSRNOG00000002525	14.51	15.42	13.60	0.88	-0.18	0.686968	0.94222258	Ptgs2	prostaglandin-endoperoxide synthase 2 [Source:RGD Symbol;Acc:620349]	1
ENSRNOG00000020681	0.39	0.51	0.27	0.53	-0.92	0.947683	1	Pth2	parathyroid hormone 2 [Source:RGD Symbol;Acc:1559447]	1
ENSRNOG00000025731	8203.47	8391.65	8015.29	0.96	-0.07	0.376833	0.692726278	Ptma	parathyroid hormone-related protein alpha [Source:RGD Symbol;Acc:61829]	5
ENSRNOG00000016386	11464.97	12516.25	10413.70	0.83	-0.27	0.000577	0.005381824	Ptms	parathyroid hormone-related protein beta [Source:RGD Symbol;Acc:621529]	2
ENSRNOG00000011946	19104.07	18212.36	19995.78	1.10	0.13	0.097272	0.296902287	Ptn	pleiotrophin [Source:RGD Symbol;Acc:3444]	1
ENSRNOG00000013981	478.79	453.41	504.16	1.11	0.15	0.201775	0.480322002	Ptpn5	protein tyrosine phosphatase, non-receptor type 5 [Source:RGD Symbol;Acc:3448]	1
ENSRNOG00000014294	262.27	347.73	176.81	0.51	-0.98	1.22E-10	4.70E-09	Ptpn6	protein tyrosine phosphatase, non-receptor type 6 [Source:RGD Symbol;Acc:620660]	5
ENSRNOG00000017600	1622.25	1463.81	1780.69	1.22	0.28	0.00142	0.01128536	Ptpn9	protein tyrosine phosphatase, non-receptor type 9 [Source:RGD Symbol;Acc:628726]	2
ENSRNOG00000000655	164.21	244.81	83.60	0.34	-1.55	1.29E-17	8.89E-16	Ptpcr	protein tyrosine phosphatase, receptor type, C [Source:RGD Symbol;Acc:3451]	2
ENSRNOG00000006231	746.91	674.95	818.86	1.21	0.28	0.011481	0.061041268	Ptpco	protein tyrosine phosphatase, receptor type, O [Source:RGD Symbol;Acc:62068]	2
ENSRNOG00000004483	1407.39	1312.16	1502.62	1.15	0.20	0.036191	0.146422656	Ptpcr	protein tyrosine phosphatase, receptor type, R [Source:RGD Symbol;Acc:620780]	2
ENSRNOG000000032656	139.41	88.60	190.22	1.15	1.10	6.13E-09	1.84E-07	Ptprr	protein tyrosine phosphatase, receptor type, T [Source:RGD Symbol;Acc:1309653]	5
ENSRNOG00000013515	666.47	744.53	588.41	0.79	-0.34	0.002632	0.018893312	Ptprru	protein tyrosine phosphatase, receptor type, U [Source:RGD Symbol;Acc:620782]	1
ENSRNOG00000006030	1878.01	1621.77	2134.25	1.32	0.40	4.20E-06	7.20E-05	Ptprrz1	protein tyrosine phosphatase, receptor-type, Z polypeptide 1 [Source:RGD Symbol;Acc:3455]	2
ENSRNOG000000049034	186.65	188.48	184.81	0.98	-0.03	0.887062	1	Ptprh1	peptidyl-tRNA hydrolase 1 homolog (S. cerevisiae) [Source:RGD Symbol;Acc:1310165]	2
ENSRNOG00000019062	399.00	386.84	411.15	1.06	0.09	0.473241	0.780237584	Pura	purine rich element binding protein A [Source:RGD Symbol;Acc:1308543]	2
ENSRNOG000000022354	532.87	572.36	493.39	0.86	-0.21	0.097104	0.296659197	Pus1l	psuedouridylate synthase-like 1 [Source:RGD Symbol;Acc:1559560]	2
ENSRNOG00000006403	335.44	331.71	339.17	1.02	0.03	0.777754	0.997251325	Pvr1	poliovirus receptor-related 1 [Source:RGD Symbol;Acc:620791]	5
ENSRNOG00000003936	383.86	390.18	377.53	0.97	-0.05	0.725491	0.96600357	Pwpp2a	PWWP domain containing 2A [Source:RGD Symbol;Acc:1305891]	2
ENSRNOG00000006388	1025.50	1103.18	947.82	0.86	-0.22	0.027932	0.120968977	Pygl	phosphorylase, glycogen, liver [Source:RGD Symbol;Acc:620687]	2
ENSRNOG00000020877	0.12	0.24	0.00	0.00	#NAME?	0.964517	1	Pyy	peptide YY (mapped) [Source:RGD Symbol;Acc:1593289]	1
ENSRNOG00000003253	6896.42	6826.53	6966.30	1.02	0.03	0.733303	0.971301608	Qdpr	quinoxid dihydropteridine reductase [Source:RGD Symbol;Acc:619915]	1
ENSRNOG00000007364	4645.11	4532.51	4757.71	1.05	0.07	0.367516	0.683467657	Rab15	RAB15, member RAS oncogene family [Source:RGD Symbol;Acc:735172]	2
ENSRNOG00000007533	727.41	737.14	717.67	0.97	-0.04	0.720976	0.962613927	Rab27a	RAB27A, member RAS oncogene family [Source:RGD Symbol;Acc:620918]	5
ENSRNOG00000012176	137.32	106.96	167.67	1.57	0.65	0.000416	0.00100419	Rab27b	RAB27B, member RAS oncogene family [Source:RGD Symbol;Acc:620114]	5
ENSRNOG00000006698	599.07	563.45	634.70	1.13	0.17	0.145374	0.389386894	Rab33a	RAB33A, member RAS oncogene family [Source:RGD Symbol;Acc:1563280]	2
ENSRNOG000000020067	958.24	989.60	926.87	0.94	-0.09	0.333608	0.646727144	Rab40c	Rab40c, member RAS oncogene family [Source:RGD Symbol;Acc:727914]	2
ENSRNOG00000001500	3443.19	3525.19	3361.19	0.95	-0.07	0.369193	0.68549438	Rab4b	RAB4B, member RAS oncogene family [Source:RGD Symbol;Acc:620931]	1
ENSRNOG00000002736	681.27	614.81	747.73	1.22	0.28	0.013024	0.067252216	Rabgap1	RAB GTPase activating protein 1-like [Source:RGD Symbol;Acc:1304620]	1
ENSRNOG000000030483	1087.36	1156.51	1018.21	0.88	-0.18	0.064215	0.221349216	Rabgta	Rab geranylgeranyltransferase, alpha subunit [Source:RGD Symbol;Acc:621697]	2
ENSRNOG00000048172	1782.15	1909.18	1655.11	0.87	-0.21	0.019922	0.093733009	Rac3	ras-related C3 botulinum toxin substrate 3 (rho family, small GTP binding protein Rac3) [Source:RGD Symbol;Acc:1309515]	2
ENSRNOG00000018353	608.26	590.10	626.41	1.06	0.09	0.481306	0.786232286	Rad17	RAD17 homolog (S. pombe) [Source:RGD Symbol;Acc:1309515]	2
ENSRNOG00000003026	1514.11	1646.97	1381.25	0.84	-0.25	0.005912	0.036257419	Rad23a	RAD23 homolog A (S. cerevisiae) [Source:RGD Symbol;Acc:1309899]	2
ENSRNOG00000042647	136.19	132.36	140.01	1.06	0.08	0.679226	0.936564353	Rad51ap1	RAD51 associated protein 1 [Source:RGD Symbol;Acc:1597431]	2
ENSRNOG00000009742	279.19	299.76	258.62	0.86	-0.21	0.153247	0.404093569	Rad52	RAD52 homolog (S. cerevisiae) [Source:RGD Symbol;Acc:1304975]	6
ENSRNOG000000004630	10.07	17.50	2.65	0.15	-2.72	1.73E-07	4.01E-06	Rag1	recombination activating gene 1 [Source:RGD Symbol;Acc:619790]	1
ENSRNOG00000013461	4273.84	4255.52	4292.16	1.01	0.01	0.889175	1	Ralbp1	ralA binding protein 1 [Source:RGD Symbol;Acc:621134]	2
ENSRNOG00000010219	2326.25	2274.71	2377.80	1.05	0.06	0.444186	0.763437784	Ralgds	ral guanine nucleotide dissociation stimulator [Source:RGD Symbol;Acc:3533]	2
ENSRNOG00000016910	156.81	132.67	180.94	1.36	0.45	0.011302	0.060275908	Ralgsps1	Ral GEF with PH domain and SH3 binding motif 1 [Source:RGD Symbol;Acc:2319500]	2
ENSRNOG00000018000	2008.87	1975.68	2042.06	1.03	0.05	0.582743	0.864677895	Ranbp10	RAN binding protein 10 [Source:RGD Symbol;Acc:1311587]	1
ENSRNOG000000032463	2015.25	1901.16	2129.33	1.12	0.16	0.070106	0.235803345	Rap1a	RAP1A, member of RAS oncogene family [Source:RGD Symbol;Acc:1359694]	2
ENSRNOG00000014722	374.36	295.22	453.50	1.54	0.62	3.93E-06	6.80E-05	Raph1	Ras association (RalGDS/AF-6) and pleckstrin homology domains 1 [Source:RGD Symbol;Acc:1308387]	2
ENSRNOG00000012499	790.81	922.29	659.33	0.71	-0.48	5.42E-06	9.01E-05	Rarg	retinoic acid receptor, gamma [Source:RGD Symbol;Acc:1583230]	2
ENSRNOG00000037853	3425.12	3095.30	3754.94	1.21	0.28	0.000428	0.004199446	Rarres1		

ENSRNOG000000014161	667.28	695.26	639.30	0.92	-0.12	0.277199	0.582436837	Rbm15b	RNA binding motif protein 15B [Source:RGD Symbol;Acc:1305937]	2
ENSRNOG000000018767	1828.83	1898.72	1758.94	0.93	-0.11	0.194696	0.470047977	Rbm17	RNA binding motif protein 17 [Source:RGD Symbol;Acc:1311208]	2
ENSRNOG000000002874	794.68	807.31	782.06	0.97	-0.05	0.633975	0.903141971	Rbm25	RNA binding motif protein 25 [Source:RGD Symbol;Acc:1308755]	2
ENSRNOG000000006420	251.96	370.67	133.25	0.36	-1.48	3.31E-20	2.60E-18	Rbm38	RNA binding motif protein 38 [Source:RGD Symbol;Acc:1308503]	2
ENSRNOG000000019848	8.65	8.44	8.86	1.05	0.07	1	1	Rbm39	RNA binding motif protein 39 [Source:RGD Symbol;Acc:1310071]	2
ENSRNOG000000004673	161.92	182.34	141.49	0.78	-0.37	0.037827	0.151208773	Rbm43	RNA binding motif protein 43 [Source:RGD Symbol;Acc:1306676]	2
ENSRNOG000000018153	3971.80	4156.87	3786.74	0.91	-0.13	0.073236	0.243263077	Rbm5	RNA binding motif protein 5 [Source:RGD Symbol;Acc:1305059]	2
ENSRNOG000000008482	1025.93	964.92	1086.94	1.13	0.17	0.062458	0.21808243	Rbms1	RNA binding motif, single stranded interacting protein 1 [Source:RGD Symbol;Acc:1307777]	2
ENSRNOG000000028858	255.08	261.27	248.89	0.95	-0.07	0.637413	0.906180933	Rbmx1b	RNA binding motif protein, X-linked-like 1B [Source:RGD Symbol;Acc:1585845]	1
ENSRNOG000000018576	152.28	137.16	167.41	1.22	0.29	0.098774	0.300174728	Rcan3	RCAN family member 3 [Source:RGD Symbol;Acc:1311826]	5
ENSRNOG000000032446	160.00	178.69	141.31	0.79	-0.34	0.068431	0.231465088	Recq4	RecQ protein-like 4 [Source:RGD Symbol;Acc:1307732]	2
ENSRNOG000000030888	1445.09	1582.52	1307.67	0.83	-0.28	0.002178	0.016170628	Rela	v-rel avian reticuloendotheliosis viral oncogene homolog A [Source:RGD Symbol;Acc:727889]	1
ENSRNOG000000021441	5098.83	4940.16	5257.51	1.06	0.09	0.218598	0.504579606	Reln	reelin [Source:RGD Symbol;Acc:3553]	1
ENSRNOG000000014751	24530.04	22648.67	26411.41	1.17	0.22	0.004421	0.028607304	Ret	ret proto-oncogene [Source:RGD Symbol;Acc:3556]	6
ENSRNOG000000007596	772.48	676.82	868.13	1.28	0.36	0.000888	0.007705473	Rffl	ring finger and FYVE-like domain containing E3 ubiquitin protein ligase [Source:RGD Symbol;Acc:727916]	2
ENSRNOG000000007360	44.31	34.00	54.61	1.61	0.68	0.007641	0.04400098	Rfx4	regulatory factor X, 4 (influences HLA class II expression) [Source:RGD Symbol;Acc:1562092]	3
ENSRNOG000000000474	988.33	1133.68	842.98	0.74	-0.43	1.62E-05	0.000241635	Rgl2	ral guanine nucleotide dissociation stimulator-like 2 [Source:RGD Symbol;Acc:1302985]	2
ENSRNOG000000048190	1813.83	1687.17	1940.49	1.15	0.20	0.017517	0.085142201	Rgmb	repulsive guidance molecule family member B [Source:RGD Symbol;Acc:1595392]	2
ENSRNOG000000042592	3932.59	3834.13	4031.06	1.05	0.07	0.407922	0.727368026	Rgs10	regulator of G-protein signaling 10 [Source:RGD Symbol;Acc:3562]	5
ENSRNOG000000020459	1419.30	1482.13	1356.47	0.92	-0.13	0.16719	0.426167044	Rgs11	regulator of G-protein signaling 11 [Source:RGD Symbol;Acc:3563]	2
ENSRNOG000000015616	184.57	213.57	155.56	0.73	-0.46	0.006221	0.037839567	Rgs14	regulator of G-protein signaling 14 [Source:RGD Symbol;Acc:620003]	5
ENSRNOG000000018690	136.72	103.21	170.24	1.65	0.72	0.000148	0.001695181	Rgs17	regulator of G-protein signaling 17 [Source:RGD Symbol;Acc:1305515]	2
ENSRNOG000000016547	566.28	619.89	512.66	0.83	-0.27	0.026464	0.116195123	Rgs19	regulator of G-protein signaling 19 [Source:RGD Symbol;Acc:629471]	2
ENSRNOG00000003687	505.35	483.23	527.46	1.09	0.13	0.334331	0.647579968	Rgs2	regulator of G-protein signaling 2 [Source:RGD Symbol;Acc:621665]	1
ENSRNOG000000024501	10300.97	9980.82	10621.12	1.06	0.09	0.241045	0.534012648	Rgs3	regulator of G-protein signaling 3 [Source:RGD Symbol;Acc:3566]	7
ENSRNOG000000002773	16191.59	15319.71	17063.46	1.11	0.16	0.064988	0.223378475	Rgs4	regulator of G-protein signaling 4 [Source:RGD Symbol;Acc:3567]	5
ENSRNOG000000002730	431.12	529.51	332.73	0.63	-0.67	2.99E-07	6.65E-06	Rgs5	regulator of G-protein signaling 5 [Source:RGD Symbol;Acc:3568]	2
ENSRNOG000000002369	547.19	457.34	637.05	1.39	0.48	6.66E-05	0.000849831	Rgs8	regulator of G-protein signaling 8 [Source:RGD Symbol;Acc:3571]	5
ENSRNOG000000003800	47.46	56.23	38.69	0.69	-0.54	0.039588	0.156020487	Rgs9	regulator of G-protein signaling 9 [Source:RGD Symbol;Acc:3572]	1
ENSRNOG000000017130	48.83	88.13	9.53	0.11	-3.21	4.28E-26	4.59E-24	Rhd	Rh blood group, D antigen [Source:RGD Symbol;Acc:620451]	2
ENSRNOG000000021571	247.66	256.40	238.92	0.93	-0.10	0.530329	0.829631056	Rheb1	Ras homolog enriched in brain like 1 [Source:RGD Symbol;Acc:727778]	2
ENSRNOG000000013380	1355.83	1412.36	1299.29	0.92	-0.12	0.178605	0.44549535	Rhov	ras homolog family member V [Source:RGD Symbol;Acc:628824]	2
ENSRNOG000000031534	0.76	0.00	1.51	Inf	Inf	0.050025	0.185081202	Rhox8	reproductive homeobox 8 [Source:RGD Symbol;Acc:1561047]	3
ENSRNOG0000000047652	8.42	6.31	10.53	1.67	0.74	0.126122	0.352197714	Rims2	regulating synaptic membrane exocytosis 2 [Source:RGD Symbol;Acc:620001]	1
ENSRNOG000000000467	1343.29	1455.55	1231.04	0.85	-0.24	0.010188	0.055813754	Ring1	ring finger protein 1 [Source:RGD Symbol;Acc:3576]	1
ENSRNOG0000000025145	714.49	690.55	738.43	1.07	0.10	0.738019	0.717287025	Rmdn1	regulator of microtubule dynamics 1 [Source:RGD Symbol;Acc:1563085]	2
ENSRNOG000000025625	745.70	888.63	602.78	0.68	-0.56	3.02E-07	6.69E-06	Rnase4	ribonuclease, RNase A family 4 [Source:RGD Symbol;Acc:618223]	5
ENSRNOG000000008584	506.21	494.28	518.14	1.05	0.07	0.595887	0.872710807	Rnaseh1	ribonuclease H1 [Source:RGD Symbol;Acc:1309012]	5
ENSRNOG000000027017	396.36	356.04	436.68	1.23	0.29	0.030229	0.127984645	Rnasel	ribonuclease L (2',5'-oligoadenylate synthetase-dependent) [Source:RGD Symbol;Acc:727933]	2
ENSRNOG000000002364	3515.33	3484.50	3546.15	1.02	0.03	0.827642	1	Rnf112	ring finger protein 112 [Source:RGD Symbol;Acc:3986]	5
ENSRNOG000000007370	359.04	349.64	368.44	1.05	0.08	0.497249	0.801622925	Rnf144a	ring finger protein 144A [Source:RGD Symbol;Acc:1561737]	5
ENSRNOG000000018070	76.95	74.53	79.37	1.06	0.09	0.720295	0.962071241	Rnf182	ring finger protein 182 [Source:RGD Symbol;Acc:1560399]	5
ENSRNOG000000009690	739.80	681.29	798.31	1.17	0.23	0.031173	0.130882394	Rnf219	ring finger protein 219 [Source:RGD Symbol;Acc:1564706]	2
ENSRNOG000000019438	998.27	1047.10	949.45	0.91	-0.14	0.156265	0.409120632	Rnf31	ring finger protein 31 [Source:RGD Symbol;Acc:1305513]	2
ENSRNOG000000013956	274.27	281.41	267.14	0.95	-0.08	0.70875	0.954719112	Rnf38	ring finger protein 38 [Source:RGD Symbol;Acc:621856]	2
ENSRNOG000000017641	1053.97	1032.38	1075.55	1.04	0.06	0.444969	0.763437784	Rnf44	ring finger protein 44 [Source:RGD Symbol;Acc:1307212]	2
ENSRNOG000000000438	2285.84	2258.19	2313.50	1.02	0.03	0.691896	0.943449877	Rnf5	ring finger protein 5, E3 ubiquitin protein ligase [Source:RGD Symbol;Acc:1588458]	1
ENSRNOG000000011663	1544.14	1477.45	1610.83	1.09	0.12	0.162318	0.417968407	Rnf7	ring finger protein 7 [Source:RGD Symbol;Acc:1311048]	2
ENSRNOG000000016416	4999.57	5241.25	4757.90	0.91	-0.14	0.070102	0.235803345	Rnh1	ribonuclease/angiogenin inhibitor 1 [Source:RGD Symbol;Acc:621398]	2
ENSRNOG000000017310	337.44	315.49	359.39	1.14	0.19	0.199437	0.477206498	Rnpc3	RNA-binding region (RNP1, RRM) containing 3 [Source:RGD Symbol;Acc:1582776]	2
ENSRNOG000000008703	2676.11	2838.77	2513.45	0.89	-0.18	0.028016	0.12123318	Rnps1	ribonucleic acid binding protein S1 [Source:RGD Symbol;Acc:1307522]	2
ENSRNOG000000010974	225.13	223.85	226.41	1.01	0.02	0.996435	1	Ror2	receptor tyrosine kinase-like orphan receptor 2 [Source:RGD Symbol;Acc:1305275]	2
ENSRNOG000000008807	0.76	0.51	1.02	2.01	1.01	0.770566	0.992943861	Rp1	retinitis pigmentosa 1 (human) [Source:RGD Symbol;Acc:1596713]	3
ENSRNOG000000029456	274.18	290.08	258.27	0.89	-0.17	0.28503	0.590450649	Rp9	retinitis pigmentosa 9 (human) [Source:RGD Symbol;Acc:1559759]	2
ENSRNOG000000015969	449.08	422.00	476.16	1.13	0.17	0.205561	0.486255545	Rpf1	ribosome production factor 1 homolog (S. cerevisiae) [Source:RGD Symbol;Acc:1559755]	2
ENSRNOG000000003013	151.69	133.84	169.55	1.27	0.34	0.071476	0.238919385	RPGR	Rpgr protein; Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:B1WC72]	2
ENSRNOG000000015335	294.34	304.86	283.82	0.93	-0.10	0.491911	0.796805781	Rpl13	ribosomal protein L13 [Source:RGD Symbol;Acc:621197]	2
ENSRNOG000000020618	843.04	861.94	824.15	0.96	-0.06	0.536215	0.83315454	Rpl13a	ribosomal protein L13A [Source:RGD Symbol;Acc:628697]	2
ENSRNOG000000019007	3492.15	3563.61	3420.69	0.96	-0.06	0.40397	0.72354558	Rpl14	ribosomal protein L14 [Source:RGD Symbol;Acc:621180]	2
ENSRNOG000000011138	3607.01	3844.75	3369.27	0.88	-0.19	0.014785	0.074318807	Rpl29	ribosomal protein L29 [Source:RGD Symbol;Acc:620669]	2
ENSRNOG000000005975	327.31	349.66	304.97	0.87	-0.20	0.168022	0.427622218	Rpl30	ribosomal protein L30 [Source:RGD Symbol;Acc:621201]	2
ENSRNOG000000007148	0.87	0.82	0.92	1.13	0.17	1	1	Rpl32	ribosomal protein L32 [Source:MG1 Symbol;Acc:MGI:98038]	2
ENSRNOG000000034180	3681.36	3671.74	3690.98	1.01	0.01	0.965228	1	Rpl37	ribosomal protein L37 [Source:RGD Symbol;Acc:621204]	3
ENSRNOG000000043348	108.81	109.65	107.96	0.98	-0.02	0.844221	1	Rpl39	ribosomal protein L39 [Source:RGD Symbol;Acc:3593]	2
ENSRNOG000000025936	479.37	505.43	453.32	0.90	-0.16	0.196565	0.473328415	Rpl6	ribosomal protein L6 [Source:RGD Symbol;Acc:619826]	2
ENSRNOG000000047737	2.18	2.37	1.98	0.84	-0.26	0.895145	1	Rpl7a	ribosomal protein L7a [Source:RGD Symbol;Acc:1307586]	2
ENSRNOG000000013874	3851.09	4177.00	3525.18	0.84	-0.24	0.001288	0.010411337	Rplp1	ribosomal protein, large, P1 [Source:RGD Symbol;Acc:621774]	2
ENSRNOG000000018812	78.18	84.92	71.44	0.84	-0.25	0.267199	0.569334107	Rpp25	ribonuclease P/MRP 25 subunit [Source:RGD Symbol;Acc:1305290]	5
ENSRNOG000000020595	5669.59	5739.02	5600.16	0.98	-0.04	0.573917	0.857120757	Rps11	ribosomal protein S11 [Source:RGD Symbol;Acc:621026]	2
ENSRNOG000000019106	340.19	346.33	334.05	0.96	-0.05	0.720658	0.962334572	Rps17	ribosomal protein S17 [Source:RGD Symbol;Acc:62027]	2
ENSRNOG000000028505	101.00	109.52	92.47	0.84	-0.24	0.199503	0.477291158	Rps18	ribosomal protein S18 [Source:RGD Symbol;Acc:3595]	1
ENSRNOG000000028505	101.00	109.52	92.47	0.84	-0.24	0.199503	0.477291158	Rps18	ribosomal protein S18 [Source:RGD Symbol;Acc:3595]	2
ENSRNOG000000017847	604.10	616.82	591.39	0.96	-0.06	0.616386	0.888728982	Rps19b1	ribosomal protein S19 binding protein 1 [Source:RGD Symbol;Acc:1562823]	2
ENSRNOG000000014179	1021.00	1170.85	871.14	0.74	-0.43	1.37E-05	0.000206982	Rps2	ribosomal protein S2 [Source:RGD Symbol;Acc:619887]	2
ENSRNOG000000008555	78.19	79.42	76.96	0.97	-0.05	0.855177	1	Rps20	ribosomal protein S20 [Source:RGD Symbol;Acc:621037]	2
ENSRNOG000000006325	93.04	100.22	85.86	0.86	-0.22	0.296928	0.603916395	Rps21	ribosomal protein S21 [Source:RGD Symbol;Acc:621038]	2
ENSRNOG000000005517	212.82	200.06	225.57	1.13	0.17	0.341609	0.656245913	Rps26	ribosomal protein S26 [Source:RGD Symbol;Acc:621044]	2
ENSRNOG000000006632	1409.95	11								

ENSRNOG00000004537	1046.25	1139.08	953.42	0.84	-0.26	0.008047	0.046384145	Rxrg	retinoid X receptor gamma [Source:RGD Symbol;Acc:620046]	3
ENSRNOG000000023226	13852.48	13270.23	14434.74	1.09	0.12	0.138418	0.376577978	S100a10	S100 calcium binding protein A10 [Source:RGD Symbol;Acc:628655]	1
ENSRNOG000000010105	1529.99	1590.31	1469.67	0.92	-0.11	0.182136	0.44960764	S100a11	S100 calcium binding protein A11 [Source:RGD Symbol;Acc:1303295]	4
ENSRNOG000000011748	45.93	39.60	52.25	1.32	0.40	0.147199	0.393041781	S100a5	S100 calcium binding protein A5 [Source:RGD Symbol;Acc:1308996]	3
ENSRNOG000000011647	19690.15	19302.20	20078.09	1.04	0.06	0.530977	0.829965228	S100a6	S100 calcium binding protein A6 [Source:RGD Symbol;Acc:620264]	5
ENSRNOG00000001295	61007.90	58473.98	63541.82	1.09	0.12	0.214887	0.499320006	S100b	S100 calcium binding protein B [Source:RGD Symbol;Acc:3615]	1
ENSRNOG000000020653	633.00	655.47	610.52	0.93	-0.10	0.354247	0.671807341	S1pr2	sphingosine-1-phosphate receptor 2 [Source:RGD Symbol;Acc:68334]	2
ENSRNOG000000014524	1224.04	1141.46	1306.61	1.14	0.19	0.026003	0.114832049	S1pr3	sphingosine-1-phosphate receptor 3 [Source:RGD Symbol;Acc:1583843]	1
ENSRNOG000000015128	4978.55	5043.44	4913.66	0.97	-0.04	0.615982	0.88839016	Sae1	SUMO1 activating enzyme subunit 1 [Source:RGD Symbol;Acc:1306098]	2
ENSRNOG000000049511	1981.96	2163.32	1800.60	0.83	-0.26	0.002017	0.015211113	Safb2	scaffold attachment factor B2 [Source:MGI Symbol;Acc:MGI:2146808]	2
ENSRNOG000000050035	13.29	13.33	13.26	0.99	-0.01	1	1	Sall4	spalt-like transcription factor 4 [Source:RGD Symbol;Acc:1597672]	2
ENSRNOG000000020342	598.37	600.02	596.73	0.99	-0.01	0.944413	1	Samd11	sterile alpha motif domain containing 11 [Source:RGD Symbol;Acc:1310271]	2
ENSRNOG000000043390	271.33	206.06	336.59	1.63	0.71	3.44E-06	6.09E-05	Samd12	sterile alpha motif domain containing 12 [Source:RGD Symbol;Acc:1561402]	2
ENSRNOG00000004155	2288.88	2153.21	2424.54	1.13	0.17	0.036972	0.14871993	Samd14	sterile alpha motif domain containing 14 [Source:RGD Symbol;Acc:1306138]	5
ENSRNOG000000030930	16.74	24.48	9.00	0.37	-1.44	0.00019	0.002111553	Samsn1	SAM domain, SH3 domain and nuclear localization signals, 1 [Source:RGD Symbol;Acc:620926]	5
ENSRNOG000000042927	0.35	0.27	0.44	1.64	0.71	1	1	SbK3	SH3 domain binding kinase family, member 3 [Source:RGD Symbol;Acc:1583965]	2
ENSRNOG000000013987	1380.90	1401.41	1360.39	0.97	-0.04	0.621257	0.893117324	Sbno2	strawberry notch homolog 2 (Drosophila) [Source:RGD Symbol;Acc:1307194]	1
ENSRNOG00000008305	2543.14	2276.79	2809.49	1.23	0.30	0.000251	0.002693003	Sc5d	sterol-C5-desaturase [Source:RGD Symbol;Acc:620775]	3
ENSRNOG000000019987	2207.75	2484.88	1930.62	0.78	-0.36	1.55E-05	0.000231065	Scand1	SCAN domain-containing 1 [Source:RGD Symbol;Acc:1308530]	1
ENSRNOG000000037984	12.82	6.14	19.51	3.18	1.67	0.000115	0.001365507	Scgpdh	saccharopine dehydrogenase (putative) [Source:RGD Symbol;Acc:1311440]	2
ENSRNOG000000015055	12914.97	11637.39	14192.55	1.22	0.29	0.000286	0.003001571	Scdp2	secretogranin II [Source:RGD Symbol;Acc:3626]	3
ENSRNOG000000010784	9041.93	8450.37	9633.49	1.14	0.19	0.014472	0.072976038	Scg3	secretogranin III [Source:RGD Symbol;Acc:621209]	3
ENSRNOG000000016628	15.86	14.22	17.50	1.23	0.30	0.494989	0.799451058	Scgn	secretagogin, EF-hand calcium binding protein [Source:RGD Symbol;Acc:1303281]	5
ENSRNOG00000009276	2479.14	2386.31	2571.97	1.08	0.11	0.204253	0.484082404	Schip1	schwannomin interacting protein 1 [Source:RGD Symbol;Acc:1309962]	2
ENSRNOG00000004498	4.18	7.48	0.88	0.12	-3.09	0.000114	0.001351921	Scin	scinderin [Source:RGD Symbol;Acc:735034]	7
ENSRNOG000000032473	15323.21	12515.73	18130.68	1.45	0.53	2.09E-12	9.43E-11	Scn10a	sodium channel, voltage-gated, type X, alpha subunit [Source:RGD Symbol;Acc:3629]	5
ENSRNOG000000032884	9495.17	8622.94	10367.40	1.20	0.27	0.000505	0.004836499	Scn11a	sodium channel, voltage-gated, type XI, alpha subunit [Source:RGD Symbol;Acc:3630]	7
ENSRNOG000000005989	1489.11	1069.90	1908.31	1.78	0.83	4.50E-21	3.83E-19	Scn1a	sodium channel, voltage-gated, type I, alpha subunit [Source:RGD Symbol;Acc:69364]	1
ENSRNOG000000021102	14467.10	15235.67	13698.53	0.90	-0.15	0.057003	0.204177332	Scn1b	sodium channel, voltage-gated, type I, beta subunit [Source:RGD Symbol;Acc:3631]	1
ENSRNOG000000005018	173.43	136.94	209.92	1.53	0.62	0.000349	0.003531441	Scn2a1	sodium channel, voltage-gated, type II, alpha 1 [Source:RGD Symbol;Acc:3632]	7
ENSRNOG000000016221	436.41	391.18	481.65	1.23	0.30	0.019721	0.093162499	Scn2b	sodium channel, voltage-gated, type II, beta subunit [Source:RGD Symbol;Acc:3633]	2
ENSRNOG000000005007	115.16	89.94	140.37	1.56	0.64	0.001307	0.010540081	Scn3a	sodium channel, voltage-gated, type III, alpha [Source:RGD Symbol;Acc:3635]	6
ENSRNOG000000006937	2317.78	1997.51	2638.05	1.32	0.40	1.37E-06	2.64E-05	Scn3b	sodium channel, voltage-gated, type III, beta subunit [Source:RGD Symbol;Acc:621657]	5
ENSRNOG000000015049	130.82	118.65	142.99	1.21	0.27	0.166811	0.425622988	Scn5a	sodium channel, voltage-gated, type V, alpha subunit [Source:RGD Symbol;Acc:3637]	1
ENSRNOG000000005309	2585.96	1927.24	3244.68	1.68	0.75	2.89E-21	2.50E-19	Scn8a	sodium channel, voltage-gated, type VIII, alpha subunit [Source:RGD Symbol;Acc:3638]	1
ENSRNOG000000006639	7939.93	6045.24	9834.62	1.63	0.70	2.61E-20	2.05E-18	Scn9a	sodium channel, voltage-gated, type IX, alpha subunit [Source:RGD Symbol;Acc:69368]	6
ENSRNOG000000006396	284.10	334.49	233.71	0.70	-0.52	0.00065	0.005967214	Sdc1	syndecan 1 [Source:RGD Symbol;Acc:3648]	5
ENSRNOG000000009683	17598.87	15556.98	19640.75	1.26	0.34	1.47E-05	0.00022131	Sdcbp	syndecan binding protein [Source:RGD Symbol;Acc:621497]	2
ENSRNOG0000000004181	709.56	682.04	737.08	1.08	0.11	0.345193	0.660836343	Sdcca8	serologically defined colon cancer antigen 8 [Source:RGD Symbol;Acc:727781]	2
ENSRNOG000000024711	225.48	204.36	246.61	1.21	0.27	0.079976	0.258535346	Sdk2	sidekick cell adhesion molecule 2 [Source:RGD Symbol;Acc:1310397]	2
ENSRNOG000000001391	204.11	200.77	207.45	1.03	0.05	0.781564	0.999777551	Sdsl	serine dehydratase-like [Source:RGD Symbol;Acc:1309192]	2
ENSRNOG000000036673	4.52	6.83	2.20	0.32	-1.64	0.010962	0.058803637	Sectm1b	secreted and transmembrane 1B [Source:RGD Symbol;Acc:735132]	2
ENSRNOG000000036673	4.52	6.83	2.20	0.32	-1.64	0.010962	0.058803637	Sectm1b	secreted and transmembrane 1B [Source:RGD Symbol;Acc:735132]	3
ENSRNOG000000002723	14.53	24.80	4.25	0.17	-2.55	4.03E-09	1.26E-07	Sele	selectin E [Source:RGD Symbol;Acc:3654]	3
ENSRNOG000000006631	239.19	216.77	261.61	1.21	0.27	0.08029	0.259230124	Sema3e	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3E [Source:RGD Symbol;Acc:1310554]	2
ENSRNOG000000025167	644.27	692.05	596.49	0.86	-0.21	0.06907	0.232841271	Sema4b	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain (semaphorin) 4D [Source:RGD Symbol;Acc:1310554]	2
ENSRNOG000000013679	2406.39	1973.38	2839.40	1.44	0.52	4.35E-10	1.56E-08	Sema4d	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4D [Source:RGD Symbol;Acc:1310554]	5
ENSRNOG000000017889	414.83	399.21	430.44	1.08	0.11	0.400124	0.748949066	Serac1	serine active site containing 1 [Source:RGD Symbol;Acc:1565064]	2
ENSRNOG000000017945	1383.51	1330.70	1436.33	1.08	0.11	0.253732	0.551507597	Serf1	small EDRK-rich factor 1 [Source:RGD Symbol;Acc:1565105]	2
ENSRNOG000000012989	646.60	615.15	678.04	1.10	0.14	0.197184	0.474075089	Serinc2	serine incorporator 2 [Source:RGD Symbol;Acc:1311396]	5
ENSRNOG000000038228	1121.08	1082.45	1159.72	1.07	0.10	0.273472	0.577782319	Serp2	stress-associated endoplasmic reticulum protein family member 2 [Source:RGD Symbol;Acc:1566076]	2
ENSRNOG0000000050761	0.13	0.00	0.26	Inf	Inf	1	1	Serpina10	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 10 [Source:RGD Symbol;Acc:621220]	3
ENSRNOG00000001141	759.84	693.30	826.38	1.19	0.25	0.013346	0.068488861	Serpina11	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 11 [Source:RGD Symbol;Acc:1359239]	5
ENSRNOG000000042634	0.97	0.77	1.17	1.53	0.61	0.821648	1	Serpina12	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 12 [Source:RGD Symbol;Acc:621220]	2
ENSRNOG000000010410	3.04	5.31	0.77	0.15	-2.78	0.002357	0.0172252	Serpina3c	serine (or cysteine) proteinase inhibitor, clade A, member 3C [Source:RGD Symbol;Acc:2972]	2
ENSRNOG000000010527	35.07	52.52	17.62	0.34	-1.58	1.68E-07	3.91E-06	Serpina3n	serine (or cysteine) peptidase inhibitor, clade A, member 3N [Source:RGD Symbol;Acc:3747]	3
ENSRNOG000000002460	3.05	3.23	2.88	0.89	-0.16	0.876539	1	Serpin2b	serpin peptidase inhibitor, clade B (ovalbumin), member 2 [Source:RGD Symbol;Acc:621823]	3
ENSRNOG000000002578	0.13	0.00	0.26	Inf	Inf	1	1	Serpinp3a	serine (or cysteine) peptidase inhibitor, clade B (ovalbumin), member 3A [Source:RGD Symbol;Acc:1562868]	3
ENSRNOG000000002396	28.96	20.10	37.82	1.88	0.91	0.003421	0.023256185	Serpinp8	serpin peptidase inhibitor, clade B (ovalbumin), member 8 [Source:RGD Symbol;Acc:1309833]	3
ENSRNOG000000003935	117.94	122.59	113.29	0.92	-0.11	0.563411	0.847818888	Sertad4	SERTA domain containing 4 [Source:EntrezGene;Acc:360899]	1
ENSRNOG000000034241	1749.57	1724.35	1774.79	1.03	0.04	0.604765	0.908879783	Set	SET nuclear proto-oncogene [Source:RGD Symbol;Acc:1307467]	2
ENSRNOG00000001699	731.69	733.31	730.07	1.00	-0.01	0.95294	1	Setd4	SET domain containing 4 [Source:RGD Symbol;Acc:619899]	5
ENSRNOG000000012447	267.89	276.51	259.28	0.94	-0.09	0.515136	0.815267003	Setd6	SET domain containing 6 [Source:RGD Symbol;Acc:1560538]	2
ENSRNOG000000018412	2329.42	2551.70	2107.14	0.83	-0.28	0.000939	0.00807851	Sfi1	SFI1 homolog, spindle assembly associated (yeast) [Source:RGD Symbol;Acc:1560636]	2
ENSRNOG000000031153	65.56	72.38	58.74	0.81	-0.30	0.199144	0.476810531	Sfn	stratifin [Source:RGD Symbol;Acc:1304729]	2
ENSRNOG000000000931	1606.87	1770.92	1442.81	0.81	-0.30	0.000766	0.006849147	Sfswap	splicing factor, suppressor of white-apricot family [Source:RGD Symbol;Acc:1305004]	2
ENSRNOG000000024140	1518.06	1581.19	1454.94	0.92	-0.12	0.174992	0.439140942	Sft2d1	SFT2 domain containing 1 [Source:RGD Symbol;Acc:1359119]	2
ENSRNOG000000016216	125.33	132.69	117.97	0.89	-0.17	0.377223	0.69298671	Sft2d3	SFT2 domain containing 3 [Source:RGD Symbol;Acc:1561764]	1
ENSRNOG000000011438	6.77	8.73	4.82	0.55	-0.86	0.111705	0.327100724	Sftpa1	surfactant protein A1 [Source:RGD Symbol;Acc:3665]	3
ENSRNOG000000011815	1665.87	1683.39	1648.35	0.98	-0.03	0.814786	1	Sgk1	serum/glucocorticoid regulated kinase 1 [Source:RGD Symbol;Acc:3668]	1
ENSRNOG000000013541	61.77	66.96	56.57	0.84	-0.24	0.355656	0.672307646	Sh2d4a	SH2 domain containing 4A [Source:RGD Symbol;Acc:1307991]	2
ENSRNOG000000042623	10.72	8.13	13.31	1.64	0.71	0.113305	0.32919653	Sh2d4b	SH2 domain containing 4B [Source:RGD Symbol;Acc:1311591]	2
ENSRNOG000000014909	118.85	118.29	119.40	1.01	0.01	0.980357	1	Sh2d5	SH2 domain containing 5 [Source:RGD Symbol;Acc:1305952]	5
ENSRNOG000000015967	11326.96	11193.44	11460.48	1.02	0.03	0.665161	0.927009019	Sh3bglr3	SH3 domain binding glutamate-rich protein like 3 [Source:RGD Symbol;Acc:1308118]	2
ENSRNOG000000012957	1886.46	1793.64	1979.28	1.10	0.14	0.120518	0.343593676	Sh3glb1	SH3-domain GRB2-like endophilin B1 [Source:RGD Symbol;Acc:1304859]	2
ENSRNOG000000005522	311.87	315.49	308.25	0.98	-0.03	0.801905	1	Sh3yl1	SH3 and SYL domain containing 1 [Source:RGD Symbol;Acc:1306440]	2

ENSRNOG00000016372	2679.69	2744.06	2615.31	0.95	-0.07	0.438409	0.757664513	Slc12a7	solute carrier family 12 (potassium/chloride transporter), member 7 [Source:RGD Symbol;Acc:1359672]	2
ENSRNOG00000016753	159.88	130.85	188.91	1.44	0.53	0.004206	0.027492088	Slc14a1	solute carrier family 14 (urea transporter), member 1 [Source:RGD Symbol;Acc:3688]	2
ENSRNOG00000002305	380.78	330.88	430.68	1.30	0.38	0.005785	0.03556014	Slc15a2	solute carrier family 15 (oligopeptide transporter), member 2 [Source:RGD Symbol;Acc:61972]	1
ENSRNOG00000000962	1199.40	1112.65	1286.16	1.16	0.21	0.034338	0.140650991	Slc15a4	solute carrier family 15 (oligopeptide transporter), member 4 [Source:RGD Symbol;Acc:708469]	2
ENSRNOG00000000588	36.82	40.69	32.96	0.81	-0.30	0.287065	0.59346193	Slc16a10	solute carrier family 16 (aromatic amino acid transporter), member 10 [Source:RGD Symbol;Acc:69197]	2
ENSRNOG00000021916	148.15	133.52	162.78	1.22	0.29	0.120437	0.343559324	Slc16a12	solute carrier family 16, member 12 [Source:RGD Symbol;Acc:1311468]	5
ENSRNOG00000016147	4475.26	3822.48	5128.04	1.34	0.42	5.87E-08	1.46E-06	Slc17a6	solute carrier family 17 (vesicular glutamate transporter), member 6 [Source:RGD Symbol;Acc:620531]	1
ENSRNOG00000020650	11079.18	11201.44	10956.92	0.98	-0.03	0.754701	0.983896651	Slc17a7	solute carrier family 17 (vesicular glutamate transporter), member 7 [Source:RGD Symbol;Acc:620101]	1
ENSRNOG00000007581	38.00	34.77	41.23	1.19	0.25	0.358418	0.674001708	Slc17a8	solute carrier family 17 (vesicular glutamate transporter), member 8 [Source:RGD Symbol;Acc:628870]	7
ENSRNOG00000000890	534.20	457.66	610.74	1.33	0.42	0.000623	0.005751801	Slc18a2	solute carrier family 18 (vesicular monoamine transporter), member 2 [Source:RGD Symbol;Acc:3694]	1
ENSRNOG00000016163	758.65	584.10	933.20	1.60	0.68	3.03E-10	1.12E-08	Slc1a3	solute carrier family 1 (glial high affinity glutamate transporter), member 3 [Source:RGD Symbol;Acc:3698]	1
ENSRNOG00000020562	91.53	126.15	56.92	0.45	-1.15	9.79E-08	2.35E-06	Slc22a18	solute carrier family 22, member 18 [Source:RGD Symbol;Acc:1303323]	2
ENSRNOG000000046195	34.81	34.26	35.35	1.03	0.05	0.866363		Slc22a4	solute carrier family 22 (organic cation/zwitterion transporter), member 4 [Source:RGD Symbol;Acc:6211]	2
ENSRNOG000000006729	9.38	6.85	11.90	1.74	0.80	0.116083	0.335250708	Slc24a4	solute carrier family 24 (sodium/potassium/calcium exchanger), member 4 [Source:RGD Symbol;Acc:1305926]	5
ENSRNOG000000038001	4638.40	5023.01	4253.80	0.85	-0.24	0.001817	0.013948958	Slc25a1	solute carrier family 25 (mitochondrial carrier, citrate transporter), member 1 [Source:RGD Symbol;Acc:3]	2
ENSRNOG000000020470	847.14	832.37	861.92	1.04	0.05	0.676465	0.934155728	Slc25a24	solute carrier family 25 (mitochondrial carrier, phosphate carrier), member 24 [Source:RGD Symbol;Acc:2]	2
ENSRNOG000000010592	1067.48	965.98	1168.98	1.21	0.28	0.004993	0.031598646	Slc25a27	solute carrier family 25, member 27 [Source:RGD Symbol;Acc:620787]	2
ENSRNOG00000015495	238.69	263.33	214.06	0.81	-0.30	0.059469	0.210260243	Slc25a37	solute carrier family 25 (mitochondrial iron transporter), member 37 [Source:RGD Symbol;Acc:1359361]	2
ENSRNOG00000018552	1732.20	1811.51	1652.90	0.91	-0.13	0.118174	0.33900784	Slc25a38	solute carrier family 25, member 38 [Source:RGD Symbol;Acc:1311914]	2
ENSRNOG000000019752	529.67	575.93	483.41	0.84	-0.25	0.037343	0.149785016	Slc29a1	solute carrier family 29 (equilibrative nucleoside transporter), member 1 [Source:RGD Symbol;Acc:61899]	6
ENSRNOG00000015393	0.85	1.48	0.22	0.15	-2.78	0.127429	0.354543154	Slc32a1	solute carrier family 32 (GABA vesicular transporter), member 1 [Source:RGD Symbol;Acc:621402]	1
ENSRNOG00000004626	150.08	148.08	152.08	1.03	0.04	0.804458		Slc34a2	solute carrier family 34 (type II sodium/phosphate cotransporter), member 2 [Source:RGD Symbol;Acc:620889]	3
ENSRNOG00000016174	394.39	400.39	388.40	0.97	-0.04	0.758526	0.98613107	Slc35b3	solute carrier family 35 (adenosine 3'-phospho 5'-phosphosulfate transporter), member B3 [Source:RGD Symbol;Acc:3698]	2
ENSRNOG000000014982	72.27	59.31	85.23	1.44	0.52	0.021432	0.099109903	Slc35f4	solute carrier family 35, member F4 [Source:RGD Symbol;Acc:1361109]	5
ENSRNOG00000003403	1249.57	1237.77	1261.37	1.02	0.03	0.818106		Slc35f5	solute carrier family 35, member F5 [Source:RGD Symbol;Acc:1308125]	2
ENSRNOG00000001169	808.46	776.34	840.57	1.08	0.11	0.26625	0.567657793	Slc37a1	solute carrier family 37 (glucose-6-phosphate transporter), member 1 [Source:RGD Symbol;Acc:1308587]	5
ENSRNOG00000027767	24.35	27.27	21.43	0.79	-0.35	0.355266	0.672307646	Slc38a5	solute carrier family 38, member 5 [Source:RGD Symbol;Acc:620702]	2
ENSRNOG00000002622	146.43	153.38	139.49	0.91	-0.14	0.426554	0.746753009	Slc38a6	solute carrier family 38, member 6 [Source:RGD Symbol;Acc:1310330]	2
ENSRNOG00000025503	3.77	4.62	2.92	0.63	-0.66	0.355572	0.672307646	Slc38a8	solute carrier family 38, member 8 [Source:RGD Symbol;Acc:1560237]	2
ENSRNOG000000000465	4582.05	4947.35	4216.74	0.85	-0.23	0.00271	0.019318504	Slc39a7	solute carrier family 39 (zinc transporter), member 7 [Source:RGD Symbol;Acc:1593280]	1
ENSRNOG000000008243	81.46	116.46	46.46	0.40	-1.33	0.41E-09	1.42E-07	Slc39a1	solute carrier family 43 (amino acid system L transporter), member 1 [Source:RGD Symbol;Acc:1308229]	2
ENSRNOG000000008078	19.76	19.48	20.05	1.03	0.04	0.981063		Slc44a4	solute carrier family 44, member 4 [Source:RGD Symbol;Acc:1303167]	1
ENSRNOG000000007591	109.14	87.06	131.22	1.51	0.59	0.004046	0.026657426	Slc45a3	solute carrier family 45, member 3 [Source:RGD Symbol;Acc:1309764]	5
ENSRNOG000000038055	175.79	184.95	166.63	0.90	-0.15	0.358273	0.674249981	Slc47a2	solute carrier family 47 (multidrug and toxin extrusion), member 2 [Source:RGD Symbol;Acc:1562382]	5
ENSRNOG000000020951	260.50	509.96	11.05	0.02	-5.53	8.28E-142	8.29E-139	Slc4a1	solute carrier family 4 (anion exchanger), member 1 [Source:RGD Symbol;Acc:3710]	2
ENSRNOG000000021234	466.46	468.15	464.78	0.99	-0.01	0.951608		Slc4a11	solute carrier family 4, sodium borate transporter, member 11 [Source:RGD Symbol;Acc:1310188]	5
ENSRNOG000000020138	1646.83	1684.95	1608.72	0.95	-0.07	0.473646	0.780237584	Slc4a3	solute carrier family 4 (anion exchanger), member 3 [Source:RGD Symbol;Acc:3712]	2
ENSRNOG000000001765	378.52	372.48	384.55	1.03	0.05	0.739762	0.975246344	Slc51a	solute carrier family 51, alpha subunit [Source:RGD Symbol;Acc:1311100]	2
ENSRNOG000000005132	66.98	83.29	50.67	0.61	-0.72	0.00293	0.020525018	Slc52a3	solute carrier family 52, riboflavin transporter, member 3 [Source:RGD Symbol;Acc:1304644]	2
ENSRNOG000000013407	65.39	40.13	90.64	2.26	1.18	1.76E-06	3.28E-05	Slc5a11	solute carrier family 5 (sodium/inositol cotransporter), member 11 [Source:RGD Symbol;Acc:621410]	2
ENSRNOG00000010597	67.50	71.46	63.54	0.89	-0.17	0.441135	0.760251603	Slc5a7	solute carrier family 5 (sodium/choline cotransporter), member 7 [Source:RGD Symbol;Acc:69270]	3
ENSRNOG000000006527	731.97	619.58	844.35	1.36	0.45	3.45E-05	0.000475562	Slc6a1	solute carrier family 6 (neurotransmitter transporter), member 1 [Source:RGD Symbol;Acc:620533]	1
ENSRNOG000000005697	71.17	61.28	81.07	1.32	0.40	0.070367	0.236266308	Slc6a11	solute carrier family 6 (neurotransmitter transporter), member 11 [Source:RGD Symbol;Acc:628737]	1
ENSRNOG000000012876	373.01	315.53	430.49	1.36	0.45	0.000402	0.003988076	Slc6a13	solute carrier family 6 (neurotransmitter transporter), member 13 [Source:RGD Symbol;Acc:620788]	2
ENSRNOG00000016311	37.30	71.02	3.57	0.05	-4.32	6.78E-30	8.49E-28	Slc6a2	solute carrier family 6 (neurotransmitter transporter), member 2 [Source:RGD Symbol;Acc:621822]	1
ENSRNOG00000017302	2.98	3.09	2.87	0.93	-0.11	1		Slc6a3	solute carrier family 6 (neurotransmitter transporter), member 3 [Source:RGD Symbol;Acc:3715]	1
ENSRNOG000000003476	26.19	39.48	12.90	0.33	-1.61	1.72E-06	3.22E-05	Slc6a4	solute carrier family 6 (neurotransmitter transporter), member 4 [Source:RGD Symbol;Acc:3714]	1
ENSRNOG000000018644	377.68	340.85	414.51	1.22	0.28	0.03792	0.151463841	Slc6a7	solute carrier family 6 (neurotransmitter transporter), member 7 [Source:RGD Symbol;Acc:620928]	3
ENSRNOG00000019484	311.52	120.37	502.67	4.18	2.06	3.11E-40	5.64E-38	Slc6a9	solute carrier family 6 (neurotransmitter transporter, glycine), member 9 [Source:RGD Symbol;Acc:62124]	2
ENSRNOG000000004133	20.70	25.89	15.50	0.60	-0.74	0.031519	0.131964884	Slc7a3	solute carrier family 7 (cationic amino acid transporter, y ⁺ system), member 3 [Source:RGD Symbol;Acc:68342]	3
ENSRNOG00000020049	811.55	800.60	822.50	1.03	0.04	0.733787	0.971608591	Slc7a6os	solute carrier family 7, member 6 opposite strand [Source:RGD Symbol;Acc:708394]	2
ENSRNOG00000010296	2733.98	2648.80	2819.15	1.06	0.09	0.278135	0.583538161	Slc7a7	solute carrier family 7 (amino acid transporter light chain, y ⁺ L system), member 7 [Source:RGD Symbol;Acc:619902]	5
ENSRNOG000000008479	189.21	169.28	209.14	1.24	0.31	0.071217	0.238282749	Slc8a1	solute carrier family 8 (sodium/calcium exchanger), member 1 [Source:RGD Symbol;Acc:3717]	2
ENSRNOG000000002997	3914.77	4288.96	3540.57	0.83	-0.28	0.000385	0.003842291	Slc9a3r2	solute carrier family 9, subfamily A (NHE3, cation proton antiporter 3), member 3 regulator 2 [Source:RGD Symbol;Acc:620788]	2
ENSRNOG000000023404	139.16	141.59	136.73	0.97	-0.05	0.79514		Slc9b2	solute carrier family 9, subfamily B (NHA2, cation proton antiporter 2), member 2 [Source:RGD Symbol;Acc:1359139]	2
ENSRNOG000000021412	401.30	430.88	371.71	0.86	-0.21	0.102349	0.307370131	Sifn13	slit homolog 1 (Drosophila) [Source:RGD Symbol;Acc:69307]	2
ENSRNOG000000026065	2924.74	2690.49	3158.99	1.17	0.23	0.002849	0.020076761	Slit1	SMAD family member 1 [Source:RGD Symbol;Acc:3030]	2
ENSRNOG00000018483	1240.47	1218.42	1262.52	1.04	0.05	0.582518	0.864564617	Smad1	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 1 [Source:RGD Symbol;Acc:1561046]	5
ENSRNOG000000003762	493.78	450.63	536.92	1.19	0.25	0.050753	0.187049519	Smarca1	structural maintenance of chromosomes 2 [Source:RGD Symbol;Acc:1305227]	2
ENSRNOG000000022325	374.61	356.03	393.18	1.10	0.14	0.327414	0.639970781	Smc2	structural maintenance of chromosomes 4 [Source:RGD Symbol;Acc:1306680]	2
ENSRNOG000000010274	844.51	806.81	882.20	1.09	0.13	0.233719	0.525952068	Smc4	small integral membrane protein 5 [Source:RGD Symbol;Acc:1586374]	2
ENSRNOG000000049642	328.94	339.86	318.01	0.94	-0.10	0.482467	0.787271524	Smm5	sphingomyelin phosphodiesterase 4, neutral membrane [Source:RGD Symbol;Acc:13110674]	2
ENSRNOG000000001875	1369.68	1380.55	1358.82	0.98	-0.02	0.854208		Smpd4	SET and MYND domain containing 1 [Source:RGD Symbol;Acc:1305105]	5
ENSRNOG000000006776	1.56	1.81	1.31	0.72	-0.47	0.709777	0.955185851	Smyd1	SET and MYND domain containing 3 [Source:MGI Symbol;Acc:MGI:1916976]	5
ENSRNOG000000028924	411.37	395.91	426.82	1.08	0.11	0.441192	0.760287146	Smyd3	synuclein, gamma [Source:RGD Symbol;Acc:70996]	5
ENSRNOG000000010437	90255.51	88224.92	92286.11	1.05	0.06	0.533357	0.832447198	Sncg	sushi, nidogen and EGF-like domains 1 [Source:RGD Symbol;Acc:1566079]	2
ENSRNOG000000023548	382.51	375.54	389.48	1.04	0.05	0.58883	0.866834201	Sned1	small nucleolar RNA host gene 11 (non-protein coding) [Source:RGD Symbol;Acc:1563912]	2
ENSRNOG000000036802	5794.93	5690.36	5899.49	1.04	0.05	0.512334	0.813076113	Snhg11	small nuclear ribonucleoprotein 70 (U1) [Source:RGD Symbol;Acc:1307120]	2
ENSRNOG000000020763	8744.66	10237.44	7215.89	0.71	-0.50	4.26E-11	1.71E-09	Snrnp70	small nuclear ribonucleoprotein polypeptide F [Source:RGD Symbol;Acc:1588229]	2
ENSRNOG000000005556	320.84	318.16	323.52	1.02	0.02	0.907881		Snrpf	sorting nexin 10 [Source:RGD Symbol;Acc:1305782]	2
ENSRNOG000000011944	2660.56	2380.27	2940.86	1.24	0.31	0.000217	0.00237405	Snx10	sorting nexin 11 [Source:RGD Symbol;Acc:1307319]	2
ENSRNOG000000008642	1955.54	2052.43	1858.65	0.91	-0.14	0.085988	0.272769239	Snx11	sorting nexin 15 [Source:RGD Symbol;Acc:1305803]	2
ENSRNOG000000021007	731.20	749.35	713.04	0.95	-0.07	0.49824	0.802326828	Snx15	sorting nexin family member 21 [Source:RGD Symbol;Acc:2323753]	2
ENSRNOG000000015181	1339.29	1395.74	1282.03	0.92	-0.12	0.199816	0.477768086	Snx21	sorting nexin 7 [Source:RGD Symbol;Acc:1305480]	2
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ENSRNOG00000004246	1766.96	1815.09	1718.83	0.95	-0.08	0.348594	0.664985164	Spag7	sperm associated antigen 7 [Source:RGD Symbol;Acc:1305473]	2
ENSRNOG00000012840	91760.16	107114.03	76406.29	0.71	-0.49	1.48E-06	2.81E-05	Sparc	secreted protein, acidic, cysteine-rich (osteonectin) [Source:RGD Symbol;Acc:3742]	1
ENSRNOG000000029862	110.92	128.92	92.92	0.72	-0.47	0.019435	0.092020392	Spc24	SPC24, NDC80 kinetochore complex component [Source:RGD Symbol;Acc:1307631]	2
ENSRNOG000000006731	69.78	78.71	60.86	0.77	-0.37	0.101165	0.305202759	Spc25	SPC25, NDC80 kinetochore complex component [Source:RGD Symbol;Acc:1307811]	2
ENSRNOG000000039024	203.43	204.09	202.78	0.99	-0.01	0.93368	1	Spice1	spindle and centriole associated protein 1 [Source:RGD Symbol;Acc:1310729]	2
ENSRNOG000000038793	0.11	0.00	0.22	Inf	Inf	1	1	Spink13	serine peptidase inhibitor, Kazal type 13 (putative) [Source:RGD Symbol;Acc:1591057]	2
ENSRNOG000000036711	23.35	38.11	8.58	0.23	-2.15	3.05E-09	9.82E-08	Spn	sialophorin [Source:RGD Symbol;Acc:3750]	2
ENSRNOG000000043451	25033.32	24584.08	25482.56	1.04	0.05	0.519128	0.819425187	Spp1	secreted phosphoprotein 1 [Source:RGD Symbol;Acc:3752]	1
ENSRNOG000000018927	302.65	263.18	342.12	1.30	0.38	0.009296	0.052031636	Sprrn	shadow of prion protein homolog (zebrafish) [Source:RGD Symbol;Acc:1561845]	3
ENSRNOG000000024028	0.53	0.27	0.80	2.99	1.58	0.692766	0.943449877	Sprr1a	small proline-rich protein 1A [Source:RGD Symbol;Acc:1593163]	2
ENSRNOG00000003537	75.63	116.68	34.59	0.30	-1.75	1.25E-13	6.49E-12	Spta1	spectrin, alpha, erythrocytic 1 [Source:RGD Symbol;Acc:1305194]	2
ENSRNOG000000010882	1911.48	1901.65	1921.31	1.01	0.01	0.88684	1	Sptcl1	serine palmitoyltransferase, long chain base subunit 1 [Source:RGD Symbol;Acc:1307140]	1
ENSRNOG000000017601	1170.50	1176.35	1164.66	0.99	-0.01	0.908951	1	Srd5a1	steroid-5-alpha-reductase, alpha polypeptide 1 (3-oxo-5-alpha-steroid delta 4-dehydrogenase alpha 1) [Source:RGD Symbol;Acc:3757]	1
ENSRNOG000000032735	766.10	760.95	771.24	1.01	0.02	0.840316	1	Srek1	splicing regulatory glutamine/lysine-rich protein 1 [Source:RGD Symbol;Acc:621696]	2
ENSRNOG000000049780	1998.47	1824.20	2172.75	1.19	0.25	0.003242	0.022244644	Sri	scorin [Source:RGD Symbol;Acc:1584485]	2
ENSRNOG000000013003	15.45	18.20	12.69	0.70	-0.52	0.204898	0.485337369	Srms	src-related kinase lacking C-terminal regulatory tyrosine and N-terminal myristylation sites [Source:RGD Symbol;Acc:1306602]	3
ENSRNOG000000002991	134.66	127.34	141.98	1.11	0.16	0.386074	0.702691787	Srr	serine racemase [Source:RGD Symbol;Acc:735094]	1
ENSRNOG0000000048277	2492.34	2761.38	2223.31	0.81	-0.31	0.00012	0.00141348	Srrt	serrate RNA effector molecule homolog (Arabidopsis) [Source:MGI Symbol;Acc:MGI:1933527]	2
ENSRNOG000000029592	2726.61	2787.87	2665.35	0.96	-0.06	0.434251	0.753054913	Srsf11	serine/arginine-rich splicing factor 11 [Source:RGD Symbol;Acc:1559953]	2
ENSRNOG000000010007	1630.48	1774.04	1486.93	0.84	-0.25	0.004011	0.026464432	Srsf4	serine/arginine-rich splicing factor 4 [Source:RGD Symbol;Acc:1561347]	2
ENSRNOG000000005513	6003.78	6462.93	5544.64	0.86	-0.22	0.002795	0.019786163	Srsf5	serine/arginine-rich splicing factor 5 [Source:RGD Symbol;Acc:3664]	2
ENSRNOG000000011663	521.94	600.08	443.80	0.74	-0.44	0.000336	0.003425462	Srsf9	serine/arginine-rich splicing factor 9 [Source:RGD Symbol;Acc:1309495]	2
ENSRNOG000000007920	2654.77	2591.99	2717.55	1.05	0.07	0.395007	0.713264723	Ssbp3	single stranded DNA binding protein 3 [Source:RGD Symbol;Acc:621502]	2
ENSRNOG000000018878	1205.24	1138.18	1272.29	1.12	0.16	0.079623	0.257830565	Ssh3	slingshot protein phosphatase 3 [Source:RGD Symbol;Acc:1308679]	2
ENSRNOG000000011093	1062.66	1067.86	1057.46	0.99	-0.01	0.869781	1	Ssna1	Sjogren syndrome nuclear autoantigen 1 [Source:RGD Symbol;Acc:1310259]	2
ENSRNOG000000001837	681.05	742.45	619.66	0.83	-0.26	0.016965	0.08292095	Sst	somatostatin [Source:RGD Symbol;Acc:3761]	5
ENSRNOG000000002793	223.39	200.53	246.24	1.23	0.30	0.064301	0.221524936	Sstr2	somatostatin receptor 2 [Source:RGD Symbol;Acc:3763]	3
ENSRNOG0000000004641	6.38	8.83	3.93	0.45	-1.17	0.034552	0.141313932	Sstr4	somatostatin receptor 4 [Source:RGD Symbol;Acc:3764]	1
ENSRNOG000000006200	15.34	3.34	27.34	8.19	3.03	6.67E-11	2.64E-09	St18	suppression of tumorigenicity 18 [Source:RGD Symbol;Acc:708566]	3
ENSRNOG000000046515	11.81	7.61	16.01	2.10	1.07	0.011891	0.062663224	St6gal2	ST6 beta-galactosamide alpha-2,6-sialyltransferase 2 [Source:RGD Symbol;Acc:1559663]	5
ENSRNOG000000042422	179.11	147.90	210.32	1.42	0.51	0.003429	0.023309061	St6galnac3	ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide alpha-2,6-sialyltransferase 3 [Source:RGD Symbol;Acc:3677]	5
ENSRNOG000000049676	83.61	75.46	91.76	1.22	0.28	0.174689	0.438432064	St6galnac5	ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide alpha-2,6-sialyltransferase 5 [Source:RGD Symbol;Acc:1564252]	5
ENSRNOG000000014018	232.75	210.25	255.25	1.21	0.28	0.079581	0.257774967	St8sia1	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 1 [Source:RGD Symbol;Acc:3679]	1
ENSRNOG000000008865	1323.27	1194.55	1451.98	1.22	0.28	0.002377	0.017360935	Stac	SH3 and cysteine rich domain [Source:RGD Symbol;Acc:1305745]	5
ENSRNOG000000001090	1157.84	1192.52	1123.17	0.94	-0.09	0.358839	0.674249981	Stard13	STAR-related lipid transfer (START) domain containing 13 [Source:RGD Symbol;Acc:1564816]	1
ENSRNOG000000031081	2632.12	2516.02	2748.21	1.09	0.13	0.111519	0.32688631	Stat2	signal transducer and activator of transcription 2 [Source:RGD Symbol;Acc:1311649]	2
ENSRNOG000000025023	2089.32	2151.77	2026.87	0.94	-0.09	0.309157	0.618607898	Stat6	signal transducer and activator of transcription 6, interleukin-4 induced [Source:RGD Symbol;Acc:130906]	2
ENSRNOG000000007781	2543.57	2431.50	2655.65	1.09	0.13	0.120651	0.343814897	Stau1	staufen double-stranded RNA binding protein 1 [Source:RGD Symbol;Acc:621778]	1
ENSRNOG000000042458	1853.96	1625.48	2082.45	1.28	0.36	3.32E-05	0.000459716	Stau2	staufen double-stranded RNA binding protein 2 [Source:RGD Symbol;Acc:621479]	1
ENSRNOG0000000020107	906.42	905.02	907.82	1.00	0.00	0.983971	1	Stk11	serine/threonine kinase 11 interacting protein [Source:RGD Symbol;Acc:1305046]	2
ENSRNOG000000048929	295.09	306.18	284.00	0.93	-0.11	0.435064	0.753819152	Stk19	Protein Stk19 [Source:UniProtKB/TrEMBL;Acc:M0R5H8]	2
ENSRNOG000000027066	52.30	42.32	62.29	1.47	0.56	0.036719	0.147874835	Stk32a	serine/threonine kinase 32A [Source:RGD Symbol;Acc:1308338]	5
ENSRNOG000000000519	1080.64	1189.46	971.82	0.82	-0.29	0.002549	0.018397562	Stk38	serine/threonine kinase 38 [Source:RGD Symbol;Acc:1309455]	2
ENSRNOG000000024808	7231.61	6896.34	7566.89	1.10	0.13	0.085352	0.271370839	Stk39	serine threonine kinase 39 [Source:RGD Symbol;Acc:621643]	1
ENSRNOG000000016810	5490.79	5415.58	5566.00	1.03	0.04	0.642256	0.909162966	Stmn1	stathmin 1 [Source:RGD Symbol;Acc:2992]	5
ENSRNOG000000019147	682.76	796.23	569.29	0.71	-0.48	5.79E-06	9.51E-05	Stom	stomatin [Source:RGD Symbol;Acc:1305109]	2
ENSRNOG000000011006	57.55	54.04	61.05	1.13	0.18	0.445558	0.763437784	Stoml3	stomatin (Epb7.2)-like 3 [Source:RGD Symbol;Acc:1311090]	1
ENSRNOG000000004458	52.99	50.26	55.72	1.11	0.15	0.51628	0.816443384	Ston2	stonin 2 [Source:RGD Symbol;Acc:1311502]	2
ENSRNOG000000011922	1747.97	1742.83	1753.12	1.01	0.01	0.961782	1	Stt3b	STT3B, subunit of the oligosaccharyltransferase complex (catalytic) [Source:RGD Symbol;Acc:1311563]	7
ENSRNOG0000000209165	1183.99	1173.35	1194.62	1.02	0.03	0.808944	1	Stx1a	syntaxin 1A (brain) [Source:RGD Symbol;Acc:69430]	2
ENSRNOG00000000936	1169.89	1140.45	1199.32	1.05	0.07	0.459387	0.775315279	Stx2	syntaxin 2 [Source:RGD Symbol;Acc:2558]	5
ENSRNOG000000021013	416.10	404.01	428.18	1.06	0.08	0.563643	0.847855006	Stx3	syntaxin 3 [Source:RGD Symbol;Acc:621005]	2
ENSRNOG000000019302	1609.85	1700.80	1519.90	0.89	-0.16	0.059327	0.209854441	Stx4	syntaxin 4 [Source:RGD Symbol;Acc:621019]	2
ENSRNOG000000009994	160.28	201.73	118.83	0.59	-0.76	2.28E-05	0.000328115	Stxbp2	syntaxin binding protein 2 [Source:RGD Symbol;Acc:619967]	2
ENSRNOG000000013100	1357.69	1372.54	1342.83	0.98	-0.03	0.70274	0.951071494	Supt20	suppressor of Ty 20 [Source:RGD Symbol;Acc:1307812]	2
ENSRNOG000000017508	1060.85	1263.62	858.08	0.68	-0.56	1.20E-08	3.40E-07	Suv420h2	suppressor of variegation 4-20 homolog 2 (Drosophila) [Source:RGD Symbol;Acc:1305226]	2
ENSRNOG000000032258	421.55	418.13	424.96	1.02	0.02	0.888244	1	Swt1	Swt1 RNA endoribonuclease homolog (S. cerevisiae) [Source:RGD Symbol;Acc:1308695]	2
ENSRNOG000000012620	5952.75	5675.27	6230.23	1.10	0.13	0.073925	0.244926847	Syng3	synaptogyrin 3 [Source:RGD Symbol;Acc:1311801]	2
ENSRNOG000000008203	5578.59	4763.57	6393.62	1.34	0.42	0.06E-08	1.50E-06	Synpr	synaptoporin [Source:RGD Symbol;Acc:708366]	5
ENSRNOG000000006426	1668.13	1366.63	1969.63	1.44	0.53	1.79E-09	5.95E-08	Syt1	synaptotagmin I [Source:RGD Symbol;Acc:3803]	3
ENSRNOG000000014296	6.07	5.13	7.01	1.37	0.45	0.483875	0.788834873	Syt10	synaptotagmin X [Source:RGD Symbol;Acc:62041]	5
ENSRNOG000000046139	64.32	53.74	74.89	1.39	0.48	0.033929	0.139456317	Syt14	synaptotagmin XIV [Source:RGD Symbol;Acc:1592654]	2
ENSRNOG000000009344	44.35	38.32	50.39	1.32	0.40	0.173232	0.436181002	Syt16	synaptotagmin XVI [Source:RGD Symbol;Acc:1564654]	3
ENSRNOG000000017333	7163.08	6175.54	8150.61	1.32	0.40	2.24E-07	5.10E-06	Syt4	synaptotagmin IV [Source:RGD Symbol;Acc:68397]	5
ENSRNOG000000018217	1326.01	1289.94	1362.08	1.06	0.08	0.340714	0.655124819	Syt5	synaptotagmin V [Source:RGD Symbol;Acc:3806]	5
ENSRNOG000000026432	1185.87	1048.45	1323.29	1.26	0.34	0.000328	0.003357342	Syt7	synaptotagmin VII [Source:RGD Symbol;Acc:62013]	5
ENSRNOG000000019613	1135.99	996.43	1275.54	1.28	0.36	0.000155	0.001765206	Syt9	synaptotagmin IX [Source:RGD Symbol;Acc:621169]	5
ENSRNOG000000024172	137.12	152.13	122.12	0.80	-0.32	0.076609	0.251204779	T2	brachyury 2 [Source:RGD Symbol;Acc:1597985]	5
ENSRNOG000000026096	4.82	4.40	5.24	1.19	0.25	0.739515	0.975110568	Taar9	trace amine-associated receptor 9 [Source:RGD Symbol;Acc:631383]	1
ENSRNOG000000007374	15022.84	13578.31	16467.36	1.21	0.28	0.000521	0.004963833	Tacc1	tachykinin, precursor 1 [Source:RGD Symbol;Acc:3807]	7
ENSRNOG000000017259	157.53	193.76	121.29	0.63	-0.68	0.000161	0.001824401	Tacc3	transforming, acidic coiled-coil containing protein 3 [Source:RGD Symbol;Acc:1302948]	2
ENSRNOG000000005853	29.15	27.11	31.19	1.15	0.20	0.507481	0.809046399	Tacr1	tachykinin receptor 1 [Source:RGD Symbol;Acc:3811]	1
ENSRNOG000000050658	5.58	4.39	6.76	1.54	0.62	0.273818	0.578280883	Tacr2	tachykinin receptor 2 [Source:RGD Symbol;Acc:3812]	1
ENSRNOG000000009372	5.87	5.45	6.28	1.15	0.21	0.712641	0.957506299	Tacr3	tachykinin receptor 3 [Source:RGD Symbol;Acc:3810]	1
ENSRNOG000000015632	623.22	688.89	557.55	0.81	-0.31	0.008821	0.049940421	Taf1c	TATA box binding protein (Tbp)-associated factor, RNA polymerase I, C [Source:RGD Symbol;Acc:1305658]	2
ENSRNOG000000002453	826.06	748.30	903.81	1.21	0.27	0.011712	0.061952866	Taf9b	TAF9B RNA polymerase II, TATA box binding protein (TBP)-associated factor [Source:RGD Symbol;Acc:62]	2
ENSRNOG0										

ENSRNOG000000019961	551.81	528.99	574.63	1.09	0.12	0.322877	0.635573622	Tcte1	t-complex-associated testis expressed 1 [Source:RGD Symbol;Acc:1305744]	3
ENSRNOG00000002278	416.01	500.93	331.10	0.66	-0.60	0.06E-06	7.00E-05	Tec	tec protein tyrosine kinase [Source:RGD Symbol;Acc:620973]	2
ENSRNOG00000007291	351.64	369.71	333.56	0.90	-0.15	0.264297	0.565674791	Terf1	telomeric repeat binding factor (NIMA-interacting) 1 [Source:RGD Symbol;Acc:1311574]	2
ENSRNOG000000032978	1190.13	1127.99	1252.28	1.11	0.15	0.120182	0.343130242	Tes	testis derived transcript [Source:RGD Symbol;Acc:1566346]	2
ENSRNOG000000024291	882.24	832.53	931.95	1.12	0.16	0.118894	0.340329964	Tex9	testis expressed 9 [Source:RGD Symbol;Acc:1304772]	2
ENSRNOG000000005227	171.61	197.72	145.49	0.74	-0.44	0.01222	0.063951781	Tfap4	transcription factor AP-4 [Source:RGD Symbol;Acc:1308357]	2
ENSRNOG000000001407	71.46	77.60	65.33	0.84	-0.25	0.263872	0.565035659	Tfr2	transferrin receptor 2 [Source:RGD Symbol;Acc:1310152]	2
ENSRNOG000000001766	5026.62	4564.55	5488.69	1.20	0.27	0.000588	0.005463378	Tfrc	transferrin receptor [Source:RGD Symbol;Acc:70488]	2
ENSRNOG000000020652	282.46	377.87	187.06	0.50	-1.01	8.11E-12	3.50E-10	Tgfb1	transforming growth factor, beta 1 [Source:RGD Symbol;Acc:69051]	1
ENSRNOG000000011710	15.10	14.73	15.46	1.05	0.07	0.91943		Tgm5	transglutaminase 5 [Source:RGD Symbol;Acc:1593353]	5
ENSRNOG000000020410	21.72	18.41	25.03	1.36	0.44	0.23439	0.526808974	Th	tyrosine hydroxylase [Source:RGD Symbol;Acc:3853]	7
ENSRNOG000000012471	1719.30	2330.38	1108.21	0.48	-1.07	8.80E-36	1.38E-33	Thbs4	thrombospondin 4 [Source:RGD Symbol;Acc:62046]	1
ENSRNOG000000009066	5770.32	6029.12	5511.52	0.91	-0.13	0.087116	0.27535349	Thra	thyroid hormone receptor alpha [Source:RGD Symbol;Acc:3857]	2
ENSRNOG000000016813	365.16	364.14	366.18	1.01	0.01	0.926132		Tia1	TIA1 cytotoxic granule-associated RNA binding protein [Source:RGD Symbol;Acc:1305742]	2
ENSRNOG000000020271	1160.97	1153.51	1168.44	1.01	0.02	0.851293		Tia1	Tia1 cytotoxic granule-associated RNA binding protein-like 1 [Source:RGD Symbol;Acc:1595845]	2
ENSRNOG000000016728	783.09	764.00	802.18	1.05	0.07	0.521415	0.821739113	Tiam2	T-cell lymphoma invasion and metastasis 2 [Source:RGD Symbol;Acc:2324148]	2
ENSRNOG000000010941	362.56	355.15	369.98	1.04	0.06	0.693006	0.943449877	Tifa	TRAF-interacting protein with forkhead-associated domain [Source:RGD Symbol;Acc:1359151]	1
ENSRNOG000000031916	124.45	149.43	99.47	0.67	-0.59	0.030205	0.021026091	Timeless	timeless circadian clock [Source:RGD Symbol;Acc:620939]	5
ENSRNOG000000005882	1296.36	1227.60	1365.12	1.11	0.15	0.09724	0.29690287	Tle1	transducin-like enhancer of split 1 (E[sp]1) homolog, Drosophila [Source:RGD Symbol;Acc:1309237]	2
ENSRNOG000000005874	436.21	518.28	354.14	0.68	-0.55	2.60E-05	0.000369409	Tle2	transducin-like enhancer of split 2 [Source:RGD Symbol;Acc:1306665]	2
ENSRNOG000000009822	70.93	90.16	51.71	0.57	-0.80	0.00031	0.003198267	Tlr2	toll-like receptor 2 [Source:RGD Symbol;Acc:735138]	1
ENSRNOG000000021726	97.54	101.67	93.41	0.92	-0.12	0.496676	0.801006303	Tlr3	toll-like receptor 3 [Source:RGD Symbol;Acc:735171]	1
ENSRNOG000000010522	96.90	82.79	111.00	1.34	0.42	0.049593	0.18410165	Tlr4	toll-like receptor 4 [Source:RGD Symbol;Acc:3870]	1
ENSRNOG000000008343	2344.90	2494.88	2194.92	0.88	-0.18	0.02999	0.127225548	Tlx2	T-cell leukemia homeobox 2 [Source:RGD Symbol;Acc:1595506]	2
ENSRNOG000000004976	2109.57	2166.04	2053.10	0.95	-0.08	0.3697	0.686012731	Tlx3	T-cell leukemia, homeobox 3 [Source:RGD Symbol;Acc:1564190]	2
ENSRNOG0000000046086	90.50	115.94	65.07	0.56	-0.83	0.000141	0.001624357	Tmc8	transmembrane channel-like 8 [Source:RGD Symbol;Acc:1591150]	2
ENSRNOG000000000033	1903.87	1890.19	1917.55	1.01	0.02	0.820595		Tmcc2	transmembrane and coiled-coil domain family 2 [Source:RGD Symbol;Acc:1311960]	2
ENSRNOG000000007713	893.96	802.58	985.34	1.23	0.30	0.003909	0.025985094	Tmcc3	transmembrane and coiled-coil domain family 3 [Source:RGD Symbol;Acc:1307241]	2
ENSRNOG000000008034	688.63	609.91	767.35	1.26	0.33	0.004668	0.029899618	Tmeff1	transmembrane protein with EGF-like and two follistatin-like domains 1 [Source:RGD Symbol;Acc:620005]	5
ENSRNOG000000002434	447.13	394.79	499.47	1.27	0.34	0.008049	0.046384145	Tmem100	transmembrane protein 100 [Source:RGD Symbol;Acc:1560541]	3
ENSRNOG000000023628	1019.90	966.94	1072.85	1.11	0.15	0.12514	0.350384983	Tmem106a	transmembrane protein 106A [Source:RGD Symbol;Acc:1309043]	5
ENSRNOG000000000963	1945.29	1930.76	1959.82	1.02	0.02	0.80084		Tmem132c	transmembrane protein 132C [Source:RGD Symbol;Acc:1583824]	5
ENSRNOG000000007455	4756.37	4701.28	4817.47	1.02	0.03	0.592144	0.869513322	Tmem132e	transmembrane protein 132E [Source:RGD Symbol;Acc:1565522]	2
ENSRNOG000000019958	763.43	780.66	746.20	0.96	-0.07	0.554618	0.840362457	Tmem151b	transmembrane protein 151B [Source:RGD Symbol;Acc:1562074]	5
ENSRNOG000000010866	38.95	38.79	39.11	1.01	0.01	0.938394		Tmem154	transmembrane protein 154 [Source:RGD Symbol;Acc:1563262]	2
ENSRNOG000000004757	1045.22	1111.63	978.80	0.88	-0.18	0.066831	0.228033215	Tmem158	transmembrane protein 158 [Source:RGD Symbol;Acc:708473]	5
ENSRNOG0000000048250	875.26	862.54	887.98	1.03	0.04	0.7276	0.966949403	Tmem159	transmembrane protein 159 [Source:RGD Symbol;Acc:727895]	2
ENSRNOG000000012787	1941.41	1843.28	2039.54	1.11	0.15	0.094515	0.291504931	Tmem164	transmembrane protein 164 [Source:RGD Symbol;Acc:1563286]	5
ENSRNOG000000016091	543.36	485.35	601.38	1.24	0.31	0.010145	0.055637685	Tmem169	transmembrane protein 169 [Source:RGD Symbol;Acc:1582820]	2
ENSRNOG0000000042137	122.66	126.01	119.32	0.95	-0.08	0.676114	0.934020061	Tmem173	transmembrane protein 173 [Source:RGD Symbol;Acc:1562525]	2
ENSRNOG000000020061	350.47	356.93	344.01	0.96	-0.05	0.673696	0.93255621	Tmem198	transmembrane protein 198 [Source:RGD Symbol;Acc:2319152]	2
ENSRNOG0000000047783	139.14	118.14	160.13	1.36	0.44	0.024497	0.109965689	Tmem200a	transmembrane protein 200A [Source:RGD Symbol;Acc:1564024]	5
ENSRNOG000000003915	564.75	564.85	564.65	1.00	0.00	0.965299		Tmem206	transmembrane protein 206 [Source:RGD Symbol;Acc:1359339]	2
ENSRNOG000000018167	22.02	24.19	19.85	0.82	-0.29	0.39517	0.713438092	Tmem221	transmembrane protein 221 [Source:RGD Symbol;Acc:2319149]	2
ENSRNOG0000000031348	4.33	3.53	5.13	1.45	0.54	0.350705	0.66755978	Tmem232	transmembrane protein 232 [Source:RGD Symbol;Acc:1559548]	6
ENSRNOG0000000049908	529.17	511.74	546.60	1.07	0.10	0.451504	0.767659038	Tmem29	transmembrane protein 29 [Source:RGD Symbol;Acc:2323310]	2
ENSRNOG000000008046	189.28	185.50	193.05	1.04	0.06	0.703641	0.951812879	Tmem30b	transmembrane protein 30B [Source:RGD Symbol;Acc:1308732]	3
ENSRNOG000000008515	723.08	704.71	741.46	1.05	0.07	0.426102	0.746342921	Tmem45b	transmembrane protein 45b [Source:RGD Symbol;Acc:1305586]	5
ENSRNOG000000014197	417.87	451.32	384.42	0.85	-0.23	0.081805	0.263031851	Tmem51	transmembrane protein 51 [Source:RGD Symbol;Acc:1565452]	2
ENSRNOG000000003310	357.43	293.58	421.29	1.44	0.52	0.000237	0.002570912	Tmem63a	transmembrane protein 63a [Source:RGD Symbol;Acc:1308629]	5
ENSRNOG000000023340	710.14	568.77	851.52	1.50	0.58	1.29E-07	3.04E-06	Tmem72	transmembrane protein 72 [Source:RGD Symbol;Acc:1308850]	2
ENSRNOG000000005114	230.63	212.83	248.43	1.17	0.22	0.166419	0.424931389	Tmem74	transmembrane protein 74 [Source:RGD Symbol;Acc:1566279]	2
ENSRNOG000000019414	41.32	39.73	42.92	1.08	0.11	0.660895	0.923820536	Tmem79	transmembrane protein 79 [Source:RGD Symbol;Acc:1309886]	5
ENSRNOG0000000038607	76.09	79.98	72.20	0.90	-0.15	0.596153	0.872904925	Tmem86b	transmembrane protein 86B [Source:RGD Symbol;Acc:1593455]	2
ENSRNOG000000006142	0.86	1.25	0.48	0.39	-1.37	0.428847	0.747921859	Tmem8c	transmembrane protein 8C [Source:RGD Symbol;Acc:1306074]	3
ENSRNOG000000002002	0.48	0.48	0.48	1.01	0.01	1		Tmprss11bnl	transmembrane protease, serine 11B N terminal like [Source:RGD Symbol;Acc:1303278]	2
ENSRNOG000000036921	426.67	451.51	401.82	0.89	-0.17	0.191778	0.465493179	Tmsb10	thymosin, beta 10 [Source:RGD Symbol;Acc:62022]	6
ENSRNOG0000000047931	48663.36	47100.92	50225.81	1.07	0.09	0.339283	0.653449399	Tmsb4x	thymosin, beta 4, X chromosome [Source:RGD Symbol;Acc:621622]	6
ENSRNOG000000014310	2039.28	1893.55	2185.00	1.15	0.21	0.01088	0.058434733	Tmtc4	transmembrane and tetrapeptide repeat containing 4 [Source:RGD Symbol;Acc:1560183]	3
ENSRNOG000000008037	13.13	19.48	6.77	0.35	-1.52	0.000285	0.002994104	Tnf	tumor necrosis factor [Source:RGD Symbol;Acc:3876]	1
ENSRNOG000000010165	206.48	241.79	171.17	0.71	-0.50	0.003254	0.022303962	Tnfaip2	tumor necrosis factor, alpha-induced protein 2 [Source:RGD Symbol;Acc:1594556]	1
ENSRNOG0000000049517	113.66	120.42	106.91	0.89	-0.17	0.425612	0.745973509	Tnfaip3	tumor necrosis factor, alpha-induced protein 3 [Source:RGD Symbol;Acc:1589275]	2
ENSRNOG000000024230	21.05	21.01	21.09	1.00	0.00	1		Tnfaip8l3	tumor necrosis factor, alpha-induced protein 8-like 3 [Source:RGD Symbol;Acc:1311533]	5
ENSRNOG000000015615	129.91	136.70	123.12	0.90	-0.15	0.49635	0.800688668	Tnfrsf11a	tumor necrosis factor receptor superfamily, member 11a, NFkB activator [Source:RGD Symbol;Acc:15636]	2
ENSRNOG000000013820	33.04	55.23	10.86	0.20	-2.35	3.85E-13	1.89E-11	Tnfrsf14	tumor necrosis factor receptor superfamily, member 14 [Source:RGD Symbol;Acc:1310115]	2
ENSRNOG0000000031312	2103.40	2284.20	1922.60	0.84	-0.25	0.003404	0.023181972	Tnfrsf1a	tumor necrosis factor receptor superfamily, member 1a [Source:RGD Symbol;Acc:621237]	1
ENSRNOG000000016575	156.25	220.09	92.41	0.42	-1.25	6.74E-12	2.94E-10	Tnfrsf1b	tumor necrosis factor receptor superfamily, member 1b [Source:RGD Symbol;Acc:621238]	1
ENSRNOG000000002468	141.66	92.90	190.42	2.05	1.04	3.23E-08	8.41E-07	Tnr	tenascin R [Source:RGD Symbol;Acc:3886]	5
ENSRNOG0000000033581	1650.82	1904.79	1396.85	0.73	-0.45	2.84E-07	6.33E-06	Tnxb	tenascin XB [Source:MGI Symbol;Acc:MGI:1932137]	1
ENSRNOG000000002474	562.88	481.81	643.95	1.34	0.42	0.00055	0.005175191	Tom1l1	target of myb1 (chicken)-like 1 [Source:RGD Symbol;Acc:1562626]	2
ENSRNOG0000000032404	127.70	185.59	69.82	0.38	-1.41	8.01E-13	3.81E-11	Top2a	topoisomerase (DNA) II alpha [Source:RGD Symbol;Acc:62048]	2
ENSRNOG0000000008146	719.29	659.37	779.21	1.18	0.24	0.029228	0.125104235	Tox2	TOX high mobility group box family member 2 [Source:RGD Symbol;Acc:735184]	5
ENSRNOG000000028649	349.73	302.85	396.61	1.31	0.39	0.006934	0.04116286	Tox3	TOX high mobility group box family member 3 [Source:RGD Symbol;Acc:1311529]	2
ENSRNOG000000011441	4398.74	4012.55	4784.93	1.19	0.25	0.001062	0.008944258	Tpd52	tumor protein D52 [Source:RGD Symbol;Acc:1306767]	2
ENSRNOG0000000008296	2550.21	2728.78	2371.63	0.87	-0.20	0.013789	0.070287213	Tpgs1	tubulin polyglutamylase complex subunit 1 [Source:RGD Symbol;Acc:1588613]	2
ENSRNOG000000011672	102.26	95.07	109.45	1.15	0.20	0.33326	0.64636623	Tph1	tryptophan hydroxylase 1 [Source:RGD Symbol;Acc:3895]	1
ENSRNOG000000003880	484.61	487.14	482.08	0.99	-0.02	0.829978		Tph2	tryptophan hydroxylase 2 [Source:RGD Symbol;Acc:631332]	1
ENSRNOG000000029922										

ENSRNOG00000012723	4.37	4.59	4.15	0.90	-0.15	0.860023	1	Trim55	tripartite motif-containing 55 [Source:RGD Symbol;Acc:1306943]	2
ENSRNOG00000026430	6.85	11.07	2.62	0.24	-2.08	0.000278	0.002931812	Trim58	tripartite motif-containing 58 [Source:RGD Symbol;Acc:1566174]	2
ENSRNOG00000010515	163.64	160.15	167.14	1.04	0.06	0.823258	1	Trim59	tripartite motif-containing 59 [Source:RGD Symbol;Acc:1311956]	2
ENSRNOG00000002914	1797.31	1950.34	1644.27	0.84	-0.25	0.004868	0.03095747	Trmt1	tRNA methyltransferase 1 homolog (S. cerevisiae) [Source:RGD Symbol;Acc:1305992]	2
ENSRNOG00000012454	308.72	295.57	321.87	1.09	0.12	0.469755	0.780237584	Trmt10b	tRNA methyltransferase 10 homolog B (S. cerevisiae) [Source:RGD Symbol;Acc:1310735]	2
ENSRNOG00000026483	2828.95	2894.22	2763.69	0.95	-0.07	0.41551	0.735380316	Trmp1	TMF1-regulated nuclear protein 1 [Source:RGD Symbol;Acc:1582917]	2
ENSRNOG00000007354	3735.34	3075.18	4395.50	1.43	0.52	8.63E-11	3.39E-09	Trpa1	transient receptor potential cation channel, subfamily A, member 1 [Source:RGD Symbol;Acc:1303284]	7
ENSRNOG00000016070	417.30	415.76	418.84	1.01	0.01	0.919164	1	Trpc3	transient receptor potential cation channel, subfamily C, member 3 [Source:RGD Symbol;Acc:61973]	5
ENSRNOG00000011133	34.12	32.52	35.72	1.10	0.14	0.691084	0.943449877	Trpc4	transient receptor potential cation channel, subfamily C, member 4 [Source:RGD Symbol;Acc:621276]	5
ENSRNOG00000006324	104.14	111.57	96.71	0.87	-0.21	0.300397	0.607933484	Trpc6	transient receptor potential cation channel, subfamily C, member 6 [Source:RGD Symbol;Acc:619788]	5
ENSRNOG00000012727	32.51	31.02	33.99	1.10	0.13	0.66578	0.927281504	Trpc7	transient receptor potential cation channel, subfamily C, member 7 [Source:RGD Symbol;Acc:628820]	3
ENSRNOG00000001216	788.03	828.73	747.32	0.90	-0.15	0.162625	0.418395271	Trpm2	transient receptor potential cation channel, subfamily M, member 2 [Source:RGD Symbol;Acc:1311889]	1
ENSRNOG00000027770	814.24	661.16	967.33	1.46	0.55	8.31E-08	2.02E-06	Trpm3	transient receptor potential cation channel, subfamily M, member 3 [Source:RGD Symbol;Acc:1304888]	1
ENSRNOG00000019035	4351.48	3615.03	5087.93	1.41	0.49	9.02E-11	3.53E-09	Trpm8	transient receptor potential cation channel, subfamily M, member 8 [Source:RGD Symbol;Acc:620762]	4
ENSRNOG00000019486	3678.28	3331.66	4024.90	1.21	0.27	0.000612	0.005665869	Trpv1	transient receptor potential cation channel, subfamily V, member 1 [Source:RGD Symbol;Acc:628841]	7
ENSRNOG00000003104	2121.30	2051.68	2190.92	1.07	0.09	0.279382	0.585056918	Trpv2	transient receptor potential cation channel, subfamily V, member 2 [Source:RGD Symbol;Acc:3965]	6
ENSRNOG00000019606	161.76	167.11	156.40	0.94	-0.10	0.626931	0.898142793	Trpv3	transient receptor potential cation channel, subfamily V, member 3 [Source:RGD Symbol;Acc:1564531]	1
ENSRNOG00000001195	39.57	51.67	27.47	0.53	-0.91	0.001073	0.00900983	Trpv4	transient receptor potential cation channel, subfamily V, member 4 [Source:RGD Symbol;Acc:69337]	1
ENSRNOG00000017321	303.54	312.09	294.99	0.95	-0.08	0.534441	0.83315454	Trub1	TruB pseudouridine (psi) synthase family member 1 [Source:RGD Symbol;Acc:1308502]	2
ENSRNOG00000005069	0.62	0.80	0.44	0.55	-0.86	0.935771	1	Tsen34	TSEN34 tRNA splicing endonuclease subunit [Source:RGD Symbol;Acc:1359564]	2
ENSRNOG000000048433	2492.41	2092.39	2892.43	1.38	0.47	6.98E-09	2.07E-07	Tshz2	teashirt zinc finger homeobox 2 [Source:RGD Symbol;Acc:6490867]	2
ENSRNOG000000048433	2492.41	2092.39	2892.43	1.38	0.47	6.98E-09	2.07E-07	Tshz2	teashirt zinc finger homeobox 2 [Source:RGD Symbol;Acc:6490867]	2
ENSRNOG000000023320	164.66	172.50	156.83	0.91	-0.14	0.411658	0.730762601	Tspan1	tetraspanin 1 [Source:RGD Symbol;Acc:1303308]	3
ENSRNOG00000010813	1485.22	1553.74	1416.71	0.91	-0.13	0.13973	0.378825035	Tspan14	tetraspanin 14 [Source:RGD Symbol;Acc:1305714]	2
ENSRNOG000000023338	2208.78	1984.30	2433.26	1.23	0.29	0.000654	0.005999252	Tspan2	tetraspanin 2 [Source:RGD Symbol;Acc:620982]	5
ENSRNOG00000007900	230.68	244.47	216.90	0.89	-0.17	0.294971	0.601167889	Tspan33	tetraspanin 33 [Source:RGD Symbol;Acc:1560915]	2
ENSRNOG00000015913	1514.71	1530.64	1498.77	0.98	-0.03	0.73046	0.968938187	Tspan5	tetraspanin 5 [Source:RGD Symbol;Acc:1303176]	2
ENSRNOG00000010549	499.51	629.39	369.62	0.59	-0.77	4.82E-10	1.72E-08	Tspo	translocator protein [Source:RGD Symbol;Acc:2228]	5
ENSRNOG000000047123	187.54	225.10	149.97	0.67	-0.59	0.001138	0.009435337	Tstd1	thiosulfate sulfurtransferase (rhodanese)-like domain containing 1 [Source:RGD Symbol;Acc:2323815]	5
ENSRNOG00000011261	450.58	437.70	463.46	1.06	0.08	0.512904	0.813510169	Ttc14	tetratricopeptide repeat domain 14 [Source:RGD Symbol;Acc:1310045]	2
ENSRNOG00000007189	28.42	30.38	26.46	0.87	-0.20	0.555638	0.840961435	Ttc22	tetratricopeptide repeat domain 22 [Source:RGD Symbol;Acc:1561518]	2
ENSRNOG00000012342	43.18	41.18	45.17	1.10	0.13	0.676358	0.934129734	Ttc29	tetratricopeptide repeat domain 29 [Source:RGD Symbol;Acc:1589777]	5
ENSRNOG00000004542	286.49	280.03	292.96	1.05	0.07	0.623874	0.894923872	Ttc8	tetratricopeptide repeat domain 8 [Source:RGD Symbol;Acc:1307769]	2
ENSRNOG000000004939	2.56	1.76	3.37	1.92	0.94	0.324145	0.636423112	Ttl6	tubulin tyrosine ligase-like family, member 6 [Source:RGD Symbol;Acc:1311922]	2
ENSRNOG00000017558	10929.55	10997.90	10861.19	0.99	-0.02	0.814559	1	Tubb2a	tubulin, beta 2A class Ia [Source:RGD Symbol;Acc:1588452]	2
ENSRNOG00000017445	16096.78	15843.69	16349.87	1.03	0.05	0.598632	0.874406049	Tubb2b	tubulin, beta 2B class Ib [Source:RGD Symbol;Acc:1309427]	5
ENSRNOG000000000821	59188.32	61591.80	56784.85	0.92	-0.12	0.205594	0.486255545	Tubb5	tubulin, beta 5 class I [Source:RGD Symbol;Acc:628596]	2
ENSRNOG00000020923	481.01	504.26	457.76	0.91	-0.14	0.2571	0.555929551	Tuft1	tuftelin 1 [Source:RGD Symbol;Acc:1310373]	2
ENSRNOG00000022239	20590.44	18756.00	22424.87	1.20	0.26	0.000941	0.008093058	Tusc5	tumor suppressor candidate 5 [Source:RGD Symbol;Acc:1307639]	2
ENSRNOG00000012081	7782.68	7456.66	8108.70	1.09	0.12	0.132399	0.364779475	Txn1	thioredoxin 1 [Source:RGD Symbol;Acc:621157]	2
ENSRNOG00000002452	885.98	928.47	843.49	0.91	-0.14	0.175249	0.439505256	Txndc11	thioredoxin domain containing 11 [Source:RGD Symbol;Acc:1307538]	2
ENSRNOG00000001890	747.83	787.42	708.25	0.90	-0.15	0.155024	0.407161333	Txnrd2	thioredoxin reductase 2 [Source:RGD Symbol;Acc:61960]	1
ENSRNOG000000032948	967.04	1012.19	921.89	0.91	-0.13	0.184209	0.453551256	Tyk2	tyrosine kinase 2 [Source:RGD Symbol;Acc:2320469]	2
ENSRNOG000000037225	116.27	103.29	129.25	1.25	0.32	0.093973	0.290386915	Tyms	thymidylate synthetase [Source:RGD Symbol;Acc:3921]	2
ENSRNOG000000029318	12224.40	10988.55	13460.26	1.22	0.29	0.000105	0.01259302	Tyrr1	tyrosinase-related protein 1 [Source:RGD Symbol;Acc:1593266]	1
ENSRNOG00000010100	225.03	220.41	229.64	1.04	0.06	0.757612	0.98542983	Tyw5	tRNA-yW synthesizing protein 5 [Source:RGD Symbol;Acc:1311269]	2
ENSRNOG00000012868	1794.10	2017.73	1570.48	0.78	-0.36	2.93E-05	0.000409645	Uaca	uveal autoantigen with coiled-coil domains and ankyrin repeats [Source:RGD Symbol;Acc:1560011]	2
ENSRNOG000000046295	0.13	0.00	0.27	Inf	Inf	1	1	Ubald1	UBA-like domain containing 1 [Source:RGD Symbol;Acc:1359443]	2
ENSRNOG00000010029	487.08	500.26	473.90	0.95	-0.08	0.560192	0.844916287	Ubald2	UBA-like domain containing 2 [Source:RGD Symbol;Acc:1311298]	2
ENSRNOG00000015131	30.73	45.43	16.02	0.35	-1.50	1.61E-06	3.03E-05	Ube2c	ubiquitin-conjugating enzyme E2C [Source:RGD Symbol;Acc:1305382]	2
ENSRNOG000000030467	799.81	725.45	874.18	1.21	0.27	0.0118	0.062308933	Ube2l6	ubiquitin-conjugating enzyme E2L 6 [Source:RGD Symbol;Acc:1307960]	2
ENSRNOG000000034075	1521.94	1405.23	1638.65	1.17	0.22	0.011573	0.061419783	Ube2ql1	ubiquitin-conjugating enzyme E2Q family-like 1 [Source:RGD Symbol;Acc:1598121]	2
ENSRNOG000000005564	200.91	201.52	200.30	0.99	-0.01	0.983835	1	Ubn2	ubiquitin 2 [Source:RGD Symbol;Acc:1310722]	5
ENSRNOG00000002343	92741.09	94121.42	91360.76	0.97	-0.04	0.656998	0.921006032	Uchl1	ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase) [Source:RGD Symbol;Acc:3928]	1
ENSRNOG00000017854	3864.80	4148.95	3589.65	0.86	-0.21	0.007093	0.041906331	Ucp2	uncoupling protein 2 (mitochondrial, proton carrier) [Source:RGD Symbol;Acc:3932]	1
ENSRNOG000000015644	2259.33	2049.65	2460.01	1.20	0.27	0.001308	0.010544588	Ugcg	UDP-glucose ceramide glucosyltransferase [Source:RGD Symbol;Acc:621870]	2
ENSRNOG000000028907	0.23	0.24	0.22	0.90	-0.14	1	1	Ugt2b7	UDP glucuronosyltransferase 2 family, polypeptide B7 [Source:RGD Symbol;Acc:708417]	2
ENSRNOG000000048411	69.99	92.84	47.14	0.51	-0.98	3.09E-05	0.000430557	Uhrf1	ubiquitin-like with PHD and ring finger domains 1 [Source:RGD Symbol;Acc:1595855]	1
ENSRNOG000000050317	2043.70	1876.18	2211.22	1.18	0.24	0.004974	0.031503999	Uhrf1bp1	UHRF1 binding protein 1-like [Source:RGD Symbol;Acc:1594520]	2
ENSRNOG00000016891	943.63	965.03	922.23	0.96	-0.07	0.464366	0.780189247	Uimc1	ubiquitin interaction motif containing 1 [Source:RGD Symbol;Acc:1307009]	2
ENSRNOG00000011060	515.53	547.80	483.27	0.88	-0.18	0.139279	0.377992648	Unc119	UNC-119 homolog (C. elegans) [Source:RGD Symbol;Acc:3942]	2
ENSRNOG000000008237	278.76	281.97	275.55	0.98	-0.03	0.840122	1	Unc13b	unc-13 homolog B (C. elegans) [Source:RGD Symbol;Acc:619723]	2
ENSRNOG000000007694	665.11	539.78	790.45	1.46	0.55	7.69E-07	1.57E-05	Unc13c	unc-13 homolog C (C. elegans) [Source:RGD Symbol;Acc:628592]	5
ENSRNOG000000007439	223.57	255.11	192.03	0.75	-0.41	0.012144	0.063680934	Unc13d	unc-13 homolog D (C. elegans) [Source:RGD Symbol;Acc:628593]	5
ENSRNOG00000011858	12.36	9.40	15.33	1.63	0.71	0.007291	0.275696991	Unc5d	unc-5 homolog D (C. elegans) [Source:RGD Symbol;Acc:1309245]	5
ENSRNOG000000008728	508.98	427.41	590.56	1.38	0.47	0.000125	0.001463188	Unc79	unc-79 homolog (C. elegans) [Source:RGD Symbol;Acc:1311117]	2
ENSRNOG000000039994	891.11	874.92	907.30	1.04	0.05	0.670938	0.930639558	Upf3b	UPF3 regulator of nonsense transcripts homolog B (yeast) [Source:RGD Symbol;Acc:1560264]	2
ENSRNOG00000014463	756.52	769.02	744.02	0.97	-0.05	0.65728	0.921094162	Urf1	URI1, prefoldin-like chaperone [Source:RGD Symbol;Acc:1310358]	2
ENSRNOG00000017810	433.44	432.40	434.48	1.00	0.01	0.917331	1	Uros	uroporphyrinogen III synthase [Source:RGD Symbol;Acc:1310396]	2
ENSRNOG000000009049	2057.23	2083.44	2031.02	0.97	-0.04	0.65241	0.917568787	Usp11	ubiquitin specific peptidase 11 [Source:RGD Symbol;Acc:1303052]	3
ENSRNOG000000034111	191.75	175.43	208.07	1.19	0.25	0.151836	0.421154731	Usp12	ubiquitin specific peptidase 12 [Source:RGD Symbol;Acc:1308045]	2
ENSRNOG00000013866	173.05	178.55	167.54	0.94	-0.09	0.699409	0.947865963	Usp49	ubiquitin specific peptidase 49 [Source:RGD Symbol;Acc:1310513]	2
ENSRNOG000000002644	781.79	771.62	791.96	1.03	0.04	0.800004	1	Utp18	UTP18 small subunit (SSU) processome component homolog (yeast) [Source:RGD Symbol;Acc:1309957]	2
ENSRNOG000000006989	10489.97	10286.21	10693.74	1.04	0.06	0.453696	0.769906813	Vamp2	vesicle-associated membrane protein 2 [Source:RGD Symbol;Acc:3949]	2
ENSRNOG000000003071	3654.91	3480.78	3829.04	1.10	0.14	0.089384	0.280619393	Vamp4	vesicle-associated membrane protein 4 [Source:RGD Symbol;Acc:1309753]	1
ENSRNOG000000000833	829.34	918.86	739.82	0.81	-0.31	0.002874	0.020196274	Vars2	valyl-tRNA synthetase 2, mitochondrial [Source:RGD Symbol;Acc:1303122]	2
ENSRNOG000000020485	432.09</									

ENSRNOG00000010480	879.00	816.32	941.69	1.15	0.21	0.043559	0.167831799	Vstm5	V-set and transmembrane domain containing 5 [Source:RGD Symbol;Acc:1563328]	2
ENSRNOG00000011734	2021.94	1940.29	2103.58	1.08	0.12	0.19669	0.473228415	Vt1b1	vesicle transport through interaction with t-SNAREs 1B [Source:RGD Symbol;Acc:2323682]	2
ENSRNOG00000011678	382.60	336.58	428.63	1.27	0.35	0.009852	0.054476356	Wbp4	WW domain binding protein 4 [Source:RGD Symbol;Acc:620033]	2
ENSRNOG000000034198	2104.58	2081.12	2128.05	1.02	0.03	0.760494	0.987230111	Wbp5	WW domain binding protein 5 [Source:RGD Symbol;Acc:1592975]	5
ENSRNOG000000024435	1449.91	1331.43	1568.39	1.18	0.24	0.008763	0.049682758	Wbscr17	Williams-Beuren syndrome chromosome region 17 [Source:RGD Symbol;Acc:1563452]	2
ENSRNOG000000015080	722.06	681.82	762.30	1.12	0.16	0.106805	0.31676111	Wdfy1	WD repeat and FYVE domain containing 1 [Source:RGD Symbol;Acc:1305996]	2
ENSRNOG000000011167	266.98	272.32	261.63	0.96	-0.06	0.697452	0.946474068	Wdhd1	WD repeat and HMGB-box DNA binding protein 1 [Source:RGD Symbol;Acc:1310200]	2
ENSRNOG000000015636	556.06	579.59	532.53	0.92	-0.12	0.28345	0.588548363	Wdr34	WD repeat domain 34 [Source:RGD Symbol;Acc:1359465]	2
ENSRNOG000000020807	4.45	3.84	5.06	1.32	0.40	0.616899	0.889224994	Wdr62	WD repeat domain 62 [Source:RGD Symbol;Acc:1306714]	2
ENSRNOG000000038083	1.91	0.75	3.08	4.12	2.04	0.055717	0.200595361	Wdr64	WD repeat domain 64 [Source:RGD Symbol;Acc:1591103]	2
ENSRNOG000000032343	970.77	1038.86	902.69	0.87	-0.20	0.046094	0.174278311	Wdr81	WD repeat domain 81 [Source:RGD Symbol;Acc:1311334]	2
ENSRNOG000000005990	584.49	597.82	571.16	0.96	-0.07	0.568733	0.852854752	Wdsu1	WD repeat, sterile alpha motif and U-box domain containing 1 [Source:RGD Symbol;Acc:1359296]	1
ENSRNOG000000026067	2.38	3.11	1.65	0.53	-0.92	0.350567	0.667423874	Wfdc10	WAP four-disulfide core domain 10 [Source:RGD Symbol;Acc:1596480]	3
ENSRNOG000000014739	58.26	66.76	49.77	0.75	-0.42	0.068116	0.230661135	Wfdc2	WAP four-disulfide core domain 2 [Source:RGD Symbol;Acc:628757]	5
ENSRNOG000000013760	3.08	3.06	3.09	1.01	0.02	1	1	Wfdc5	WAP four-disulfide core domain 5 [Source:RGD Symbol;Acc:1304986]	3
ENSRNOG000000018406	1101.39	1086.00	1116.79	1.03	0.04	0.752963	0.983702988	Wipf1	WAS/WASL interacting protein family, member 1 [Source:RGD Symbol;Acc:620887]	2
ENSRNOG000000009571	2910.93	2453.65	3368.21	1.37	0.46	1.16E-08	3.31E-07	Wipf3	WAS/WASL interacting protein family, member 3 [Source:RGD Symbol;Acc:708559]	2
ENSRNOG000000006217	1469.62	1490.23	1449.01	0.97	-0.04	0.68259	0.94097638	Wiz	widely-interspaced zinc finger motifs [Source:RGD Symbol;Acc:1307771]	2
ENSRNOG000000009956	4802.09	4064.46	5539.73	1.36	0.45	6.36E-09	1.91E-07	Wnk1	WNK lysine deficient protein kinase 1 [Source:RGD Symbol;Acc:621141]	1
ENSRNOG000000015982	50.74	56.98	44.50	0.78	-0.36	0.192186	0.46612322	Wnt11	wingless-type MMTV integration site family, member 11 [Source:RGD Symbol;Acc:621463]	5
ENSRNOG000000005781	211.11	192.01	230.21	1.20	0.26	0.10826	0.320179578	Wnt16	wingless-type MMTV integration site family, member 16 [Source:RGD Symbol;Acc:1562253]	2
ENSRNOG000000014385	140.82	155.43	126.21	0.81	-0.30	0.096199	0.295037503	Wnt2b	wingless-type MMTV integration site family, member 2B [Source:RGD Symbol;Acc:69346]	5
ENSRNOG000000003166	65.80	61.48	70.13	1.14	0.19	0.43871	0.757832383	Wnt4	wingless-type MMTV integration site family, member 4 [Source:RGD Symbol;Acc:621348]	3
ENSRNOG000000012929	2175.07	2151.52	2198.61	1.02	0.03	0.787713	1	Wsb1	WD repeat and SOCS box-containing 1 [Source:RGD Symbol;Acc:1307835]	2
ENSRNOG000000037371	159.70	151.44	167.95	1.11	0.15	0.420579	0.740714499	XAF1	XIAP associated factor-1 [Source:RGD Symbol;Acc:1585988]	2
ENSRNOG000000010298	2640.88	2519.67	2762.09	1.10	0.13	0.125704	0.35135899	Xbp1	X-box binding protein 1 [Source:RGD Symbol;Acc:1303073]	2
ENSRNOG000000007081	697.45	709.21	685.69	0.97	-0.05	0.697642	0.946556468	Xdh	xanthine dehydrogenase [Source:RGD Symbol;Acc:62043]	1
ENSRNOG000000009180	104.94	97.76	112.12	1.15	0.20	0.322927	0.635573622	Xkr7	XK, Kell blood group complex subunit-related family, member 7 [Source:RGD Symbol;Acc:1359224]	2
ENSRNOG000000013288	1696.92	1605.63	1788.21	1.11	0.16	0.065696	0.225294339	Xpo7	exportin 7 [Source:RGD Symbol;Acc:1310928]	2
ENSRNOG000000003728	1913.18	2101.81	1724.55	0.82	-0.29	0.008068	0.00757741	Xylt2	xylosyltransferase II [Source:RGD Symbol;Acc:619765]	2
ENSRNOG0000000001861	536.98	555.80	518.16	0.93	-0.10	0.365208	0.681515678	Ydjc	YdjC homolog (bacterial) [Source:RGD Symbol;Acc:1359227]	2
ENSRNOG000000005689	986.45	985.67	987.23	1.00	0.00	0.986454	1	Yeats4	YEATS domain containing 4 [Source:RGD Symbol;Acc:1305741]	2
ENSRNOG000000001858	90.60	88.86	92.34	1.04	0.06	0.786029	1	Ypel1	yippepe-like 1 (Drosophila) [Source:RGD Symbol;Acc:2321291]	5
ENSRNOG0000000019721	8853.01	8881.24	8824.78	0.99	-0.01	0.897909	1	Ypel3	yippepe-like 3 (Drosophila) [Source:RGD Symbol;Acc:1564579]	2
ENSRNOG000000008195	41974.12	39375.82	44572.42	1.13	0.18	0.039746	0.156557346	Ywhaz	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta [Source:RGD Symbol;Acc:3980]	1
ENSRNOG000000016239	688.59	738.81	638.38	0.86	-0.21	0.055929	0.201189007	Zadh2	zinc binding alcohol dehydrogenase, domain containing 2 [Source:RGD Symbol;Acc:1309999]	2
ENSRNOG000000011319	136.94	128.97	144.91	1.12	0.17	0.351437	0.668347813	Zbtb10	zinc finger and BTB domain containing 10 [Source:RGD Symbol;Acc:708377]	2
ENSRNOG0000000037562	177.08	187.56	166.59	0.89	-0.17	0.335513	0.648863839	Zbtb42	zinc finger and BTB domain containing 42 [Source:RGD Symbol;Acc:1582758]	2
ENSRNOG000000005578	158.42	160.61	156.22	0.97	-0.04	0.876615	1	Zbtb44	zinc finger and BTB domain containing 44 [Source:RGD Symbol;Acc:1308984]	2
ENSRNOG000000009595	350.70	393.07	308.33	0.78	-0.35	0.011649	0.061698327	Zbtb48	zinc finger and BTB domain containing 48 [Source:RGD Symbol;Acc:1311581]	2
ENSRNOG000000016041	28.54	42.93	14.16	0.33	-1.60	7.09E-07	1.46E-05	Zc3h12d	zinc finger CCHC type containing 12D [Source:RGD Symbol;Acc:1597152]	3
ENSRNOG000000002420	1145.16	1230.01	1060.32	0.86	-0.21	0.020924	0.097378985	Zc3h7a	zinc finger CCHC type containing 7A [Source:RGD Symbol;Acc:1311225]	2
ENSRNOG000000013948	478.43	447.46	509.40	1.14	0.19	0.12808	0.36579592	Zc3h7a	zinc finger CCHC type, antiviral 1 [Source:RGD Symbol;Acc:628694]	2
ENSRNOG000000013162	815.10	788.71	841.49	1.07	0.09	0.388758	0.705791391	Zcchc12	zinc finger, CCHC domain containing 12 [Source:RGD Symbol;Acc:1359439]	3
ENSRNOG000000031638	35.04	27.57	42.51	1.54	0.62	0.034496	0.141110132	Zcchc16	zinc finger, CCHC domain containing 16 [Source:RGD Symbol;Acc:1588188]	5
ENSRNOG0000000047525	5417.47	5164.10	5670.84	1.10	0.14	0.089658	0.281310879	Zcchc18	zinc finger, CCHC domain containing 18 [Source:RGD Symbol;Acc:1591868]	2
ENSRNOG000000013078	780.45	811.55	749.34	0.92	-0.12	0.252214	0.549547576	Zcchc7	zinc finger, CCHC domain containing 7 [Source:RGD Symbol;Acc:1310467]	2
ENSRNOG0000000014927	1132.97	1109.51	1156.43	1.04	0.06	0.521686	0.821981212	Zcchc9	zinc finger, CCHC domain containing 9 [Source:RGD Symbol;Acc:1307450]	2
ENSRNOG000000015791	287.59	308.88	266.31	0.86	-0.21	0.134507	0.368995783	Zdhhc12	zinc finger, DHHC-type containing 12 [Source:RGD Symbol;Acc:1306593]	5
ENSRNOG000000014277	751.22	667.99	834.45	1.25	0.32	0.00363	0.024397539	Zdhhc13	zinc finger, DHHC-type containing 13 [Source:RGD Symbol;Acc:1309736]	2
ENSRNOG0000000029049	931.64	912.95	950.33	1.04	0.06	0.574037	0.857120757	Zdhhc14	zinc finger, DHHC-type containing 14 [Source:RGD Symbol;Acc:1565877]	2
ENSRNOG000000027179	302.13	275.25	329.01	1.20	0.26	0.090042	0.282180067	Zdhhc23	zinc finger, DHHC-type containing 23 [Source:RGD Symbol;Acc:1303254]	5
ENSRNOG000000004677	1260.47	1124.25	1396.69	1.24	0.31	0.000799	0.007101682	Zeb2	zinc finger E-box binding homeobox 2 [Source:RGD Symbol;Acc:1307272]	1
ENSRNOG000000018639	1388.88	1430.25	1347.51	0.94	-0.09	0.318822	0.630848067	Zfand2b	zinc finger, AN1 type domain 2B [Source:RGD Symbol;Acc:1306260]	2
ENSRNOG000000018107	6086.44	5668.19	6504.69	1.15	0.20	0.010865	0.058370401	Zfand5	zinc finger, AN1-type domain 5 [Source:RGD Symbol;Acc:1310776]	1
ENSRNOG000000013506	1931.79	1869.13	1945.45	1.07	0.09	0.328349	0.640548423	Zfand6	zinc finger, AN1-type domain 6 [Source:RGD Symbol;Acc:1359317]	1
ENSRNOG000000025634	519.70	468.45	570.95	1.22	0.29	0.015248	0.076265271	Zfhx2	zinc finger homeobox 2 [Source:RGD Symbol;Acc:735143]	5
ENSRNOG000000014452	386.99	300.04	473.93	1.58	0.66	3.25E-07	7.14E-06	Zfhx3	zinc finger homeobox 3 [Source:RGD Symbol;Acc:1560268]	2
ENSRNOG000000008765	133.52	142.89	124.15	0.87	-0.20	0.342077	0.656936954	Zfhx4	zinc finger homeobox 4 [Source:RGD Symbol;Acc:1563022]	2
ENSRNOG000000029022	181.43	188.40	174.46	0.93	-0.11	0.484652	0.789550698	Zfp112	zinc finger protein 112 [Source:RGD Symbol;Acc:1305757]	2
ENSRNOG000000006112	111.59	97.13	126.04	1.30	0.38	0.067869	0.230118081	Zfp120	zinc finger protein 120 [Source:MGI Symbol;Acc:MGI:1345179]	2
ENSRNOG000000030932	0.48	0.96	0.00	0.00	#NAME?	0.122359	0.345987555	Zfp14	ZFP14 zinc finger protein [Source:RGD Symbol;Acc:1560188]	2
ENSRNOG000000047132	225.78	190.21	261.34	1.37	0.46	0.005577	0.034481195	Zfp182	zinc finger protein 182 [Source:RGD Symbol;Acc:6490591]	2
ENSRNOG0000000005842	1055.47	1021.86	1089.08	1.07	0.09	0.340525	0.655601039	Zfp280d	zinc finger protein 280D [Source:RGD Symbol;Acc:1560796]	2
ENSRNOG000000031031	556.64	508.92	604.36	1.19	0.25	0.040517	0.158759002	Zfp292	zinc finger protein 292 [Source:RGD Symbol;Acc:61931]	2
ENSRNOG000000049605	30.96	33.09	28.83	0.87	-0.20	0.558037	0.84285684	Zfp296	zinc finger protein 296 [Source:RGD Symbol;Acc:1595818]	2
ENSRNOG000000019673	355.98	412.65	299.32	0.73	-0.46	0.00079	0.007032446	Zfp36	zinc finger protein 36 [Source:RGD Symbol;Acc:620722]	3
ENSRNOG000000011675	363.98	323.37	404.60	1.25	0.32	0.023356	0.105951936	Zfp40	zinc finger protein 40 [Source:RGD Symbol;Acc:1593410]	2
ENSRNOG000000019802	646.34	705.16	587.52	0.83	-0.26	0.019931	0.093733009	Zfp428	zinc finger protein 428 [Source:RGD Symbol;Acc:1564862]	2
ENSRNOG000000016874	1232.87	1209.54	1256.20	1.04	0.05	0.529399	0.828607955	Zfp521	zinc finger protein 521 [Source:RGD Symbol;Acc:1307345]	2
ENSRNOG000000016874	1232.87	1209.54	1256.20	1.04	0.05	0.529399	0.828607955	Zfp521	zinc finger protein 521 [Source:RGD Symbol;Acc:1307345]	2
ENSRNOG0000000005051	1256.34	1351.46	1161.22	0.86	-0.22	0.0213	0.098625642	Zfp523	zinc finger protein 523 [Source:RGD Symbol;Acc:1306239]	3
ENSRNOG000000029957	76.01	68.01	84.00	1.24	0.30	0.146353	0.391228801	Zfp54	zinc finger protein 54 [Source:RGD Symbol;Acc:1307738]	2
ENSRNOG000000048394	490.63	427.15	554.12	1.30	0.38	0.003497	0.023701963	Zfp560	zinc finger protein 560 [Source:RGD Symbol;Acc:2323078]	2
ENSRNOG000000022730	139.57	125.76	153.38	1.22	0.29	0.124419	0.349018688	Zfp57	zinc finger protein 57 [Source:RGD Symbol;Acc:1302981]	2
ENSRNOG000000024065	85.87	95.85	75.89	0.79	-0.34	0.131303	0.362484496	Zfp575	zinc finger protein	

ENSRNOG00000012397	1557.10	1492.49	1621.71	1.09	0.12	0.187984	0.459405508	Zmym4	zinc finger, MYM-type 4 [Source:RGD Symbol;Acc:1309545]	2
ENSRNOG00000013865	646.37	631.97	660.76	1.05	0.06	0.598355	0.874194889	Zmym6	zinc finger, MYM-type 6 [Source:RGD Symbol;Acc:1561833]	2
ENSRNOG00000019154	1896.97	1973.78	1820.17	0.92	-0.12	0.192725	0.467117009	Zmynd8	zinc finger, MYND-type containing 8 [Source:RGD Symbol;Acc:1309544]	2
ENSRNOG0000001418	745.47	810.42	680.51	0.84	-0.25	0.018864	0.0899032	Znhit1	zinc finger, HIT-type containing 1 [Source:RGD Symbol;Acc:2322870]	2
ENSRNOG00000015525	369.59	365.34	373.85	1.02	0.03	0.794021		1 Zswim3	zinc finger, SWIM-type containing 3 [Source:RGD Symbol;Acc:1309789]	2